

# Búsqueda de Información: Bases de Datos

**Departamento:** Ingeniería Eléctrica y Energética  
**Area:** Máquinas y Motores Térmicos

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Tlfn: ETSN 942 20 13 44 / ETSIIT 942 20 13 82

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# Búsqueda de información: Bases de Datos

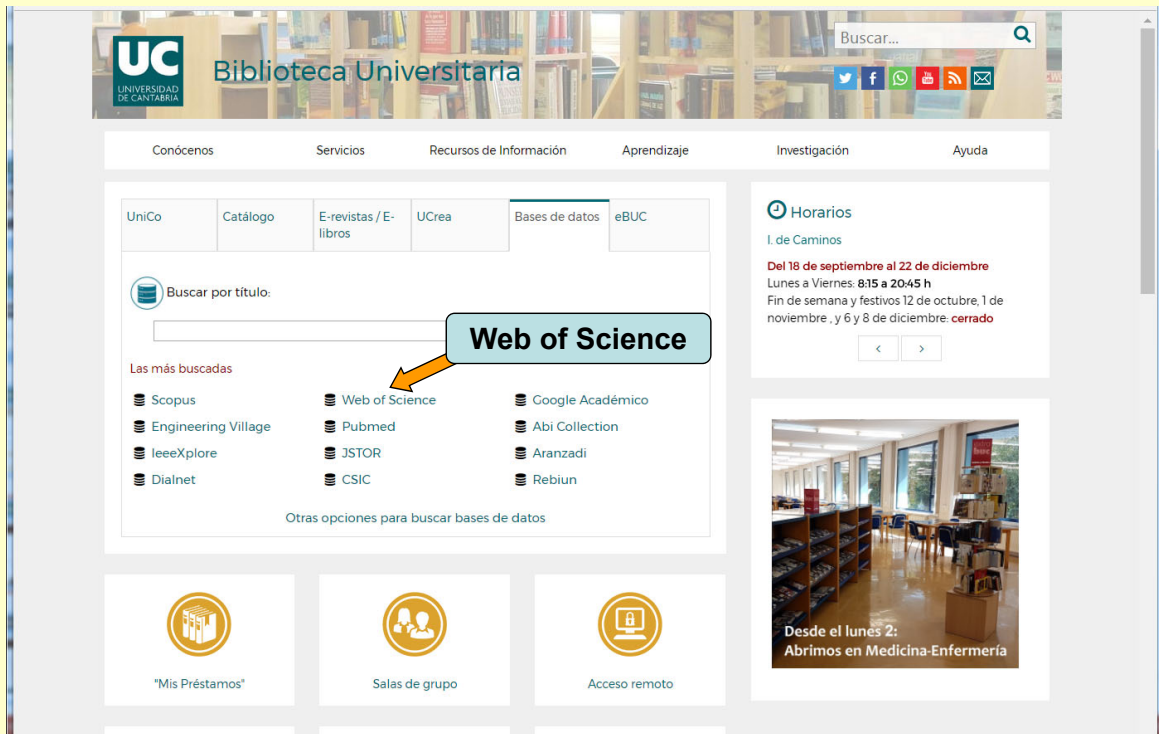
## Desde la Web de la U.C. :

- Web of Science (**Web of Knowledge, WoK**) } P1 y P2
- Scopus (**SciVerse**) } P3
- IEEE Xplore } P4
- Revistas Electrónicas } P4
- Envío de Artículos } P5
- Plagio } P5
- Dialnet } P6
- Otras BBDD } P6
- Otros Índices de Impacto } P6

- Open Acces
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- Congresos } P8

# Bases de Datos



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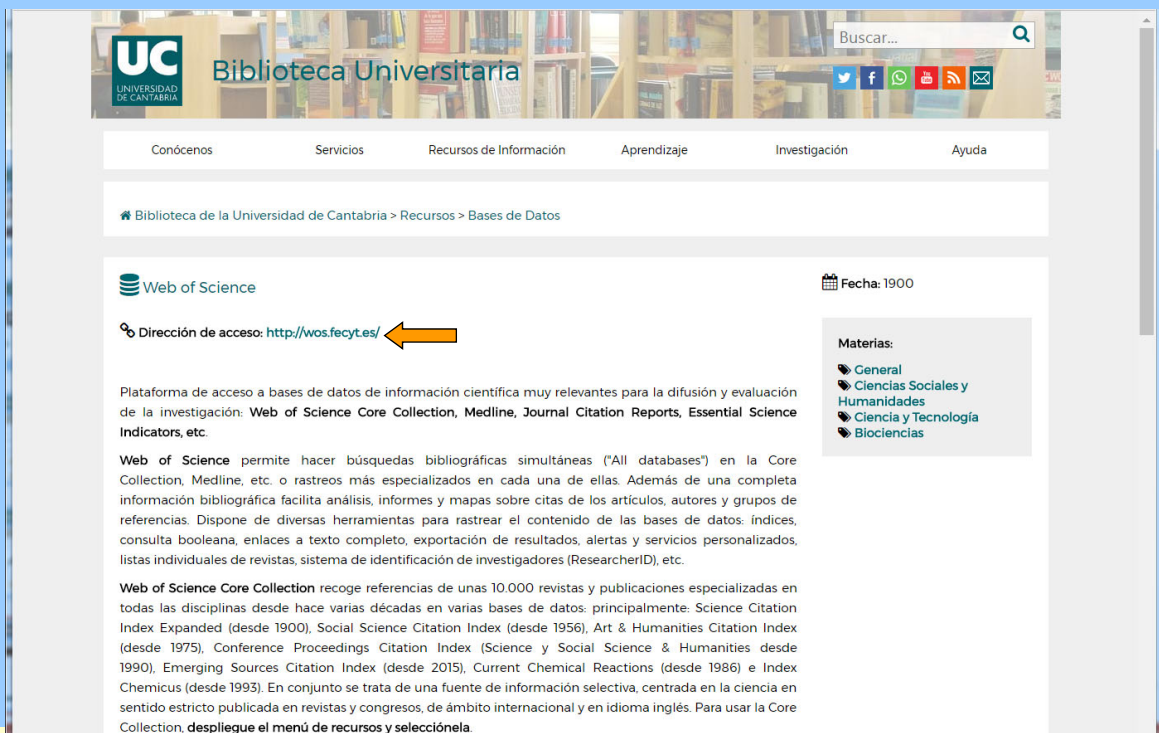
Otras opciones para buscar bases de datos

"Mis Préstamos" Salas de grupo Acceso remoto

Horarios  
I. de Caminos  
Del 18 de septiembre al 22 de diciembre  
Lunes a Viernes: 8:15 a 20:45 h  
Fin de semana y festivos 12 de octubre, 1 de noviembre, y 6 y 8 de diciembre: **cerrado**

Desde el lunes 2:  
Abrimos en Medicina-Enfermería

# Web of Science



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Biblioteca de la Universidad de Cantabria > Recursos > Bases de Datos

Web of Science

Dirección de acceso: <http://wos.fecyt.es/>

Fecha: 1900

Materias:

- General
- Ciencias Sociales y Humanidades
- Ciencia y Tecnología
- Biociencias

Plataforma de acceso a bases de datos de información científica muy relevantes para la difusión y evaluación de la investigación: **Web of Science Core Collection, Medline, Journal Citation Reports, Essential Science Indicators, etc.**

**Web of Science** permite hacer búsquedas bibliográficas simultáneas ("All databases") en la Core Collection, Medline, etc. o rastreos más especializados en cada una de ellas. Además de una completa información bibliográfica facilita análisis, informes y mapas sobre citas de los artículos, autores y grupos de referencias. Dispone de diversas herramientas para rastrear el contenido de las bases de datos: índices, consulta booleana, enlaces a texto completo, exportación de resultados, alertas y servicios personalizados, listas individuales de revistas, sistema de identificación de investigadores (ResearcherID), etc.

**Web of Science Core Collection** recoge referencias de unas 10.000 revistas y publicaciones especializadas en todas las disciplinas desde hace varias décadas en varias bases de datos: principalmente: Science Citation Index Expanded (desde 1900), Social Science Citation Index (desde 1956), Art & Humanities Citation Index (desde 1975), Conference Proceedings Citation Index (Science and Social Science & Humanities desde 1990), Emerging Sources Citation Index (desde 2015), Current Chemical Reactions (desde 1986) e Index Chemicus (desde 1993). En conjunto se trata de una fuente de información selectiva, centrada en la ciencia en sentido estricto publicada en revistas y congresos, de ámbito internacional y en idioma inglés. Para usar la Core Collection, despliegue el menú de recursos y selecciónela.



EL 2012 CAMBIO EL FORMATO ...

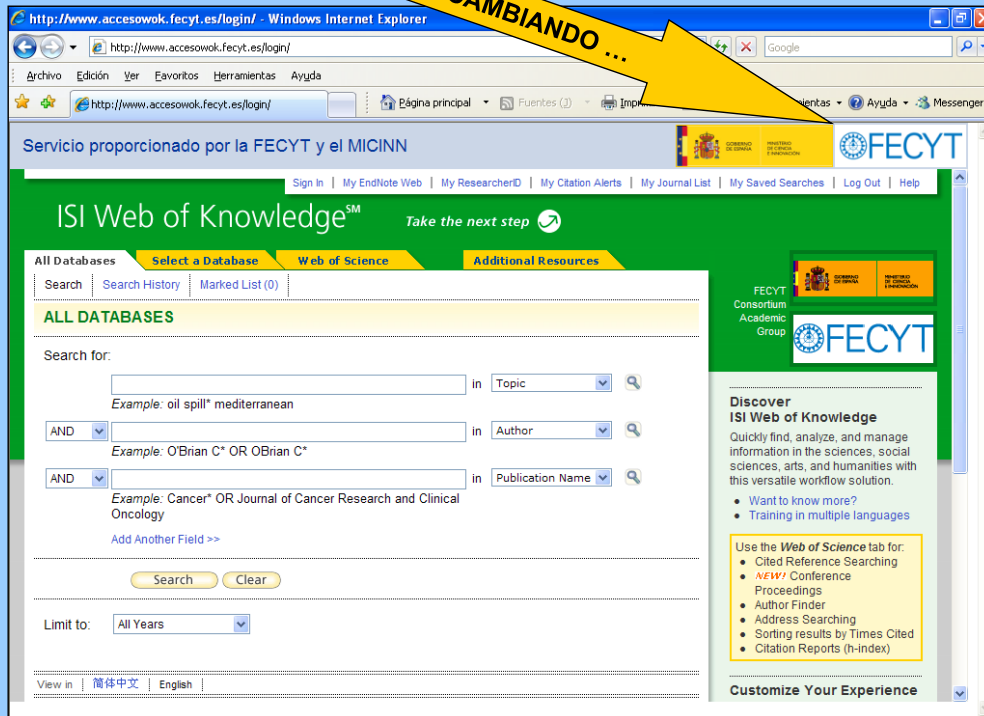
The screenshot shows the 'Web of Knowledge' interface with a search bar and various navigation options. A yellow arrow points from the text 'EL 2012 CAMBIO EL FORMATO ...' to the search area.

EL 2012 CAMBIO EL FORMATO ...

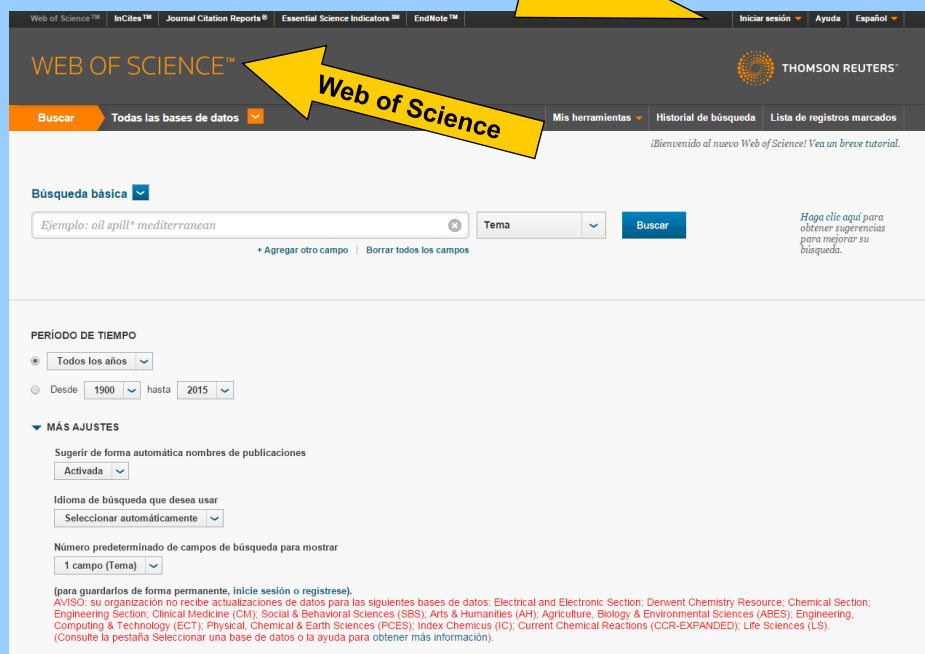
Se llamaba Web of Knowledge (WoK)

The screenshot is identical to the one above, but includes a second yellow arrow pointing to the search area with the text 'Se llamaba Web of Knowledge (WoK)'.

Y SIGUIÓ CAMBIANDO ...



Y SIGUIÓ CAMBIANDO ...



# Web of Science

# Web of Science

- Web of Science
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+ Add row + Add date range Advanced Search

X Clear Search

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Example: oil spill\* mediterranean

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- Hungarian Federation, eduID.hu
- INFED (Indian Federation)

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Category	NUMBER OF CATEGORIES	NUMBER OF JOURNALS	NUMBER OF CITABLE ITEMS
Agricultural Sciences	7	419	55,280
Arts & Humanities, Interdisciplinary	8	957	33,877
Biology & Biochemistry	34	3,881	704,523
Chemistry	21	2,315	636,925
Clinical Medicine			

Chemistry	21	2,315	636,925
Clinical Medicine	59	7,118	1,120,561
Computer Science	14	1,485	207,407
Economics & Business	21	3,181	238,956
Engineering	41	3,378	721,484
Environment/Ecology	13	1,605	273,453
Geosciences	14	1,057	162,317
Chemistry	21	2,315	636,925
Clinical Medicine			

	NUMBER OF CATEGORIES	NUMBER OF JOURNALS	NUMBER OF CITABLE ITEMS	
Geosciences	14	1,057	162,317	636,925
History & Archaeology	9	1,296	44,655	1,120,561
Literature & Language	17	1,523	46,718	207,407
Materials Science	17	1,518	496,505	238,956
Mathematics	12	1,700	187,727	721,484
Multidisciplinary	35	5,310	1,004,479	273,453
Biology				
Geosciences	14	1,057	162,317	
Chemistry	21	2,315	636,925	
Clinical Medicine				

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	NUMBER OF CATEGORIES	NUMBER OF JOURNALS	NUMBER OF CITABLE ITEMS	
Geosciences	14	1,057	162,317	636,925
Philosophy & Religion	7	936	35,113	1,120,561
Physics	34	2,863	818,839	
Plant & Animal Science	17	1,555	194,071	
Psychiatry/Psychology	16	1,466	147,476	
Social Sciences, General	41	6,076	373,344	
Visual & Performing Arts	10	876	47,334	
Chemistry	21	2,315	636,925	
Clinical Medicine				

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## Physics

Covers multiple aspects of physics and a broad range of closely related disciplines, including astronomy, electrochemistry, energy, mechanics, meteorology and atmospheric sciences, thermodynamics, geophysics, and nanoscience.

NUMBER OF CATEGORIES  
**34**

NUMBER OF JOURNALS  
2,863

NUMBER OF CITABLE ITEMS  
818,839

- ACOUSTICS
- ASTRONOMY & ASTROPHYSICS
- BIOPHYSICS
- CHEMISTRY, INORGANIC & NUCLEAR
- CHEMISTRY, PHYSICAL
- CRYSTALLOGRAPHY
- ELECTROCHEMISTRY
- ENERGY & FUELS
- ENGINEERING, AEROSPACE
- ENGINEERING, ELECTRICAL & ELECTRONIC
- ENGINEERING, MARINE
- ENGINEERING, MECHANICAL
- ENGINEERING, OCEAN
- GEOCHEMISTRY & GEOPHYSICS
- GEOLOGY
- MECHANICS
- METEOROLOGY & ATMOSPHERIC SCIENCES
- MINERALOGY
- NANOSCIENCE & NANOTECHNOLOGY
- NUCLEAR SCIENCE & TECHNOLOGY
- OCEANOGRAPHY
- OPTICS
- PHYSICS, APPLIED
- PHYSICS, ATOMIC, MOLECULAR & CHEMICAL
- PHYSICS, CONDENSED MATTER
- PHYSICS, FLUIDS & PLASMAS



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Indicators: Default Customize

Journal name	ISSN	eISSN	Category	Total Citations	2020 JIF	JIF Quartile	2020 JCI	% of OA Gold
CA-A CANCER JOURNAL FOR CLINICIANS	0007-9235	1542-4863	ONCOLOGY - SCIE	55,868	508.702	Q1	77.64	8.75 %
NATURE REVIEWS MOLECULAR CELL BIOLOGY	1471-0072	1471-0080	CELL BIOLOGY - SCIE	58,477	94.444	Q1	7.01	1.40 %
NEW ENGLAND JOURNAL OF MEDICINE	0028-4793	1533-4406	MEDICINE, GENERAL & INTERNAL - SCIE	464,351	91.245	Q1	26.14	0.00 %
NATURE REVIEWS DRUG DISCOVERY	1474-1776	1474-1784	Multiple	41,989	84.694	Q1	10.86	0.00 %
LANCET	0140-6736	1474-547X	MEDICINE, GENERAL & INTERNAL - SCIE	369,601	79.321	Q1	20.05	22.81 %
Nature Reviews Clinical Oncology	1759-4774	1759-4782	ONCOLOGY - SCIE	17,973	66.675	Q1	7.72	4.38 %
Nature Reviews Materials	2058-8437	2058-8437	Multiple	19,887	66.308	Q1	4.06	1.91 %
Nature Energy	2058-7546	2058-7546	Multiple	28,166	60.858	Q1	8.15	0.32 %
NATURE REVIEWS CANCER	1474-175X	1474-1768	ONCOLOGY - SCIE	62,391	60.716	Q1	7.64	0.68 %
NATURE REVIEWS MICROBIOLOGY	1740-1526	1740-1534	MICROBIOLOGY - SCIE	43,313	60.633	Q1	5.03	3.95 %

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energy

Journal name	ISSN	eISSN	Journal name	ISSN	eISSN	Category	Number of Journals	2020 JCI	% of OA Gold
CA-A CANCER JOURNAL FOR CLINICIANS	0007-9235	1542-4	ENERGY	0360-5442 / 1873-6785		MEDICINE, GENERAL & INTERNAL - SCIE	133 journals	77.64	8.75 %
NATURE REVIEWS MOLECULAR CELL BIOLOGY	1471-0072	1471-0	ENERGY POLICY	0301-4215 / 1873-6777		MEDICINE, GENERAL & INTERNAL - SCIE		7.01	1.40 %
NEW ENGLAND JOURNAL OF MEDICINE	0028-4793	1533-4406	ENERGY & FUELS	0887-0624 / 1520-5029		MEDICINE, GENERAL & INTERNAL - SCIE		26.14	0.00 %
NATURE REVIEWS DRUG DISCOVERY	1474-1776	1474-1784	ENERGY JOURNAL	0195-6574 / 1944-9089		ONCOLOGY - SCIE		10.86	0.00 %
LANCET	0140-6736	1474-547X	ENERGY JOURNAL	0195-6574 / N/A		ONCOLOGY - SCIE		20.05	22.81 %
Nature Reviews Clinical Oncology	1759-4774	1759-4782				ONCOLOGY - SCIE		7.72	4.38 %
Nature Reviews Materials	2058-8437	2058-8437				ONCOLOGY - SCIE		4.06	1.91 %
Nature Energy	2058-7546	2058-7546				ONCOLOGY - SCIE		8.15	0.32 %
NATURE REVIEWS CANCER	1474-175X	1474-1768				ONCOLOGY - SCIE		7.64	0.68 %
NATURE REVIEWS MICROBIOLOGY	1740-1526	1740-1534				MICROBIOLOGY - SCIE		5.03	3.95 %

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Web of Science

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20,932 journals

Journals → energy

Journals →

Journal name	ISSN	eISSN	Journal name	ISSN	eISSN	Category	Number of Journals	2020 JCI	% of OA Gold
CA-A CANCER JOURNAL FOR CLINICIANS	0007-9235	1542-4	ENERGY	0360-5442 / 1873-6785		MEDICINE, GENERAL & INTERNAL - SCIE	133 journals	77.64	8.75 %
NATURE REVIEWS MOLECULAR CELL BIOLOGY	1471-0072	1471-0	ENERGY POLICY	0301-4215 / 1873-6777		MEDICINE, GENERAL & INTERNAL - SCIE		7.01	1.40 %
NEW ENGLAND JOURNAL OF MEDICINE	0028-4793	1533-4406	ENERGY & FUELS	0887-0624 / 1520-5029		MEDICINE, GENERAL & INTERNAL - SCIE		26.14	0.00 %
NATURE REVIEWS DRUG DISCOVERY	1474-1776	1474-1784	ENERGY JOURNAL	0195-6574 / 1944-9089		ONCOLOGY - SCIE		10.86	0.00 %
LANCET	0140-6736	1474-547X	ENERGY JOURNAL	0195-6574 / N/A		ONCOLOGY - SCIE		20.05	22.81 %
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Nature Energy	2058-7546	2058-7546				ONCOLOGY - SCIE		8.15	0.32 %
NATURE REVIEWS CANCER	1474-175X	1474-1768				ONCOLOGY - SCIE		7.64	0.68 %
NATURE REVIEWS MICROBIOLOGY	1740-1526	1740-1534				MICROBIOLOGY - SCIE		5.03	3.95 %

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Búsqueda básica | Ejemplo: oil spill\* medic... | + Agregar fila | Restablecer

Período de tiempo: Todos los años (1900 - 2018)

MÁS AJUSTES | Seleccionar bases de datos | Sugerir de forma automática nombres de publicaciones | Activada

**BBDD de las revistas "que valen" en el sistema español de investigación**

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1	CA-A CANCER JOURNAL FOR CLINICIANS	28,839	244.585	0.06603
2	NEW ENGLAND JOURNAL OF MEDICINE	332,830	79.258	0.70200
3	LANCET	233,269	53.254	0.43574
4	CHEMICAL REVIEWS	174,920	52.613	0.26565
5	Nature Reviews Materials	3,218	51.941	0.01506

El listado se actualiza con más de 1 año de retraso

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2 NEW ENGLAND JOURNAL OF MEDICINE	332,830	79.258	0.70200
3 LANCET	233,269	53.254	0.43574
4 CHEMICAL REVIEWS	174,920	52.613	0.26565
5 Nature Reviews Materials	3,218	51.941	0.01506

Se puede cambiar el año de valoración

Las de mayor "Impacto" (Valor): Medicina

Master e... hora **39**

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2017

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Impact Factor Range

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12271 Nature Astronomy	322	Not Ava...	0.00002
12271 Nature Biomedical Engineering	341	Not Ava...	0.00003
12271 Nature Ecology & Evolution	596	Not Ava...	0.00005
12271 Nature Reviews Chemistry	282	Not Ava...	0
12271 PFG-Journal of Photogrammetry Remote Sensing and Geoinformation Science	3	Not Ava...	0
12271 PHYSICAL REVIEW LETTERS	91	Not Ava...	0
12271 Perspectives in Ecology and Conservation	33	Not Ava...	0
12271 Psychiatry and Clinical Psychopharmacology	7	Not Ava...	0

en 2017 disponible a mediados de 2018

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Go to Journal Profile  
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Select Journals  
Select Categories

Select JCR Year  
2017

Select Edition  
 SCIE  SSCI

**Journals By Rank** **Categories By Rank**

All Journal Categories ranked by Number of Journals

Customize Indicators

Category	Edition	#Journals	Total Cites	Median Impact Factor	Aggregate Impact Factor
1 ECONOMICS	SSCI	353	905,731	1.112	1.766
2 MATHEMATICS	SCIE	309	491,977	0.704	0.852
3 BIOCHEMISTRY & MOLECULAR BIOLOGY	SCIE	292	3,620,042	2.911	4.295
4 MATERIALS SCIENCE, MULTIDISCIPLINARY	SCIE	285	3,451,166	1.952	4.640
5 NEUROSCIENCES	SCIE	261	2,346,351	3.047	4.015
5 PHARMACOLOGY & PHARMACY	SCIE	261	1,571,408	2.481	3.148
7 ENGINEERING, ELECTRICAL & ELECTRONIC	SCIE	260	1,636,325	1.820	2.723
8 MATHEMATICS, APPLIED	SCIE	252	538,270	0.972	1.296
9 ENVIRONMENTAL SCIENCES	SCIE	241	1,893,126	2.067	3.487
10 EDUCATION & EDUCATIONAL RESEARCH	SSCI	238	346,605	1.336	1.546
11 ONCOLOGY	SCIE	222	1,930,764	3.186	4.597

Se puede cambiar el año (pueden aparecer o desaparecer categorías)

Ordenadas N° de Revistas de la Cat.

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2017

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**Journals By Rank** **Categories By Rank**

All Journal Categories ranked by Number of Journals

Customize Indicators

Category	Edition	#Journals	Total Cites	Median Impact Factor	Aggregate Impact Factor
231 PSYCHOLOGY, PSYCHOANALYSIS	SSCI	12	8,368	0.398	0.463
232 MICROSCOPY	SCIE	10	33,505	1.659	1.809
233 ANDROLOGY	SCIE	6	8,410	1.785	2.234
233 GREEN & SUSTAINABLE SCIENCE & TECHNOLOGY	SSCI	6	17,898	1.984	2.124
235 COMPUTER SCIENCE, INFORMATION SYSTEMS	SSCI	1	473	1.170	1.170
235 EDUCATION & EDUCATIONAL RESEARCH	SCIE	1	936	2.582	2.582
235 EDUCATION, SCIENTIFIC DISCIPLINES	SSCI	1	936	2.582	2.582
235 FAMILY STUDIES	SCIE	1	650	2.027	2.027
235 INFORMATION SCIENCE & LIBRARY SCIENCE	SCIE	1	473	1.170	1.170
235 OBSTETRICS & GYNECOLOGY	SSCI	1	650	2.027	2.027
235 SOCIAL SCIENCES, BIOMEDICAL	SCIE	1	650	2.027	2.027
235 TRANSPORTATION	SCIE	1	3,220	0.983	0.983

En 2017 235 Categorías

InCites Journal Citation Reports dataset updated Jun 06, 2018

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Journals By Rank | **Categories By Rank**

All Journal Categories ranked by Number of Journals

Select Journals

Select Categories

Select JCR Year: 2017

Select Edition:  SCIE  SSCI

Clear Submit

**Ordenar las Categorías por Impacto**

Category	Edition	#Journals	Total Cites	Median Impact Factor	Aggregate Impact Factor
1 CELL & TISSUE ENGINEERING	SCIE	24	118,181	3.560	4.421
2 ALLERGY	SCIE	27	127,990	3.457	4.663
3 CELL BIOLOGY	SCIE	190	2,134,559	3.306	5.803
4 ONCOLOGY	SCIE	222	1,930,764	3.186	4.597
5 IMMUNOLOGY	SCIE	155	1,280,201	3.185	4.359
6 RHEUMATOLOGY	SCIE	31	216,794	3.079	4.115
7 GASTROENTEROLOGY & HEPATOLOGY	SCIE	80	637,006	3.050	4.684
8 ENDOCRINOLOGY & METABOLISM	SCIE	143	995,781	3.047	4.174
8 NEUROSCIENCES	SCIE	261	2,346,351	3.047	4.015
10 MATERIALS SCIENCE, BIOMATERIALS	SCIE	33	318,421	3.026	4.446
11 NANOSCIENCE & NANOTECHNOLOGY	SCIE	92	1,579,360	2.934	6.195
12 BIOCHEMISTRY & MOLECULAR BIOLOGY	SCIE	292	3,620,042	2.911	4.295
13 GERIATRICS & GERONTOLOGY	SCIE	53	226,941	2.866	3.327

Citation Reports dataset updated Jun 06, 2018

**Las de mayor impacto: Medicina**

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All Journal Categories ranked by Number of Journals

Select Journals

Select Categories

Select JCR Year: 2017

Select Edition:  SCIE  SSCI

Clear Submit

**Datos de una Categoría p. ej: Energy and Fuels**

Category	Edition	#Journals	Total Cites	Median Impact Factor	Aggregate Impact Factor
59 MATHEMATICS, INTERDISCIPLINARY APPLICATIONS	SCIE	103	309,807	1.214	1.848
61 BUSINESS, FINANCE	SSCI	98	239,083	1.265	1.779
61 SOCIAL SCIENCES, INTERDISCIPLINARY	SSCI	98	163,653	1.074	1.544
63 ENERGY & FUELS	SCIE	97	1,278,571	2.658	5.412
64 ENTOMOLOGY	SCIE	96	190,470	1.019	1.624
65 HEALTH CARE SCIENCES & SERVICES	SCIE	94	361,593	2.034	2.601
65 OPTICS	SCIE	94	725,095	1.866	2.581
65 TOXICOLOGY	SCIE	94	476,328	2.459	3.023
68 NANOSCIENCE & NANOTECHNOLOGY	SCIE	92	1,579,360	2.934	6.195
69 DENTISTRY, ORAL SURGERY & MEDICINE	SCIE	91	346,623	1.592	2.135



**Datos de la Categoría**

Home > Category Rankings > Category Profile > Category Profile

### ENERGY & FUELS

*Energy & Fuels covers resources on the development, production, use, application, conversion, and management of nonrenewable (combustible) fuels (such as wood, coal, petroleum, and gas) and renewable energy sources (solar, wind, biomass, geothermal, hydroelectric). Note: Resources dealing with nuclear energy and nuclear technology appear in the NUCLEAR SCIENCE & TECHNOLOGY category.*

Year	Edition	# Journals	Articles	Total Cites	Median Impact Factor	Aggregate Impact Factor	Aggregate Immediacy Index	Aggregate Cited Half-Life	Aggregate Citing Half-Life
2017	SCIE	97	37,047	1,278,571	2.658	5.412	1.226	4.6	5.9
2016	SCIE	92	32,986	1,031,892	2.203	4.951	1.099	4.6	6.0
2015	SCIE	88	29,887	805,038	1.982	4.383	1.006	4.5	6.0
2014	SCIE	89	28,074	656,947	1.993	3.997	0.932	4.6	6.1
2013	SCIE	83	23,970	506,461	1.698	3.793	0.751	4.7	6.2
2012	SCIE	81	18,778	402,930	1.718	3.367	0.636	4.8	6.3
2011	SCIE	81	17,636	329,674	1.389	3.234	0.679	4.8	6.4
2010	SCIE	79	14,432	253,610	1.345	2.784	0.507	4.9	6.6
2009	SCIE	71	12,127	206,181	1.395	2.550	0.470	5.3	6.9
2008	SCIE	67	10,435	150,341	0.881	1.947	0.375	5.6	7.3
2007	SCIE	64	9,676	114,275	0.829	1.471	0.247	6.0	7.5
2006	SCIE	62	8,307	84,845	0.650	1.241	0.171	6.1	7.7
2005	SCIE	63	6,915	74,763	0.590	1.078	0.164	6.6	8.3
2004	SCIE	61	6,552	60,947	0.596	0.826	0.133	6.5	8.3
2003	SCIE	62	5,928	56,509	0.522	0.742	0.114	7.0	8.5
2002	SCIE	63	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available
2001	SCIE	66	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available

Category Overview | Frequency of Publications | FREQUENCY OF PUBLICATION

Category Overview | Cited Category Data | Citing Category Data

### Frequency of Publications

The frequency of publication breaks down the number of journals in the category according to the number of times per year published. The bar graph ranges from annual to weekly and columns inform the user as to how many journals align with a given publication frequency.

### Category Box Plot

The Impact Factor box plot depicts the distribution of Impact Factors for all journals in the category. The horizontal line that forms the top of the box is the 75th percentile (Q<sub>3</sub>). The horizontal line that forms the bottom is the 25th percentile (Q<sub>1</sub>).

Category Overview | Frequency of Publications | FREQUENCY OF PUBLICATION

Category Overview

Frequency of Publications

Frequency of Publications

Category Box Plot

**CATEGORY BOX PLOT**

The Impact Factor box plot depicts the distribution of Impact Factors for all journals in the category. The horizontal line that forms the top of the box is the 75th percentile (Q<sub>4</sub>). The horizontal line that forms the bottom is the 25th percentile (Q<sub>2</sub>). The horizontal line that intersects the box is the median Impact Factor for the category.

Horizontal lines above and below the box, called *whiskers*, represent maximum and minimum values. The top whisker is the smaller of the following two values:  
 the maximum Impact Factor (IF)  
 $Q_4 \text{ IF} + 3.5(Q_4 \text{ IF} - Q_3 \text{ IF})$

The bottom whisker is the larger of the following two values:  
 the minimum Impact Factor (IF)  
 $Q_2 \text{ IF} - 3.5(Q_2 \text{ IF} - Q_3 \text{ IF})$

**Aggregate Source Data**

	Citable Items			
	Article	Review	Combine	Other
Number in JCR Year 2017 (A)	34,548	2,499	37,047	1,310
Number of References (B)	1,400,712	292,588	1,693,300	4,585
Ratio (B/A)	40.5	117.1	45.7	3.5

Category Overview

Frequency of Publications

Frequency of Publications

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Journals By Rank

Categories By Rank

Journal Titles Ranked by Impact Factor

Compare Selected Journals Add Journals to New or Existing List Customize Indicators

	Full Journal Title	Total Cites	Journal Impact Factor	Eigenfactor Score
1	CA-A CANCER JOURNAL FOR CLINICIANS	28,839	244.585	0.06603
2	NEW ENGLAND JOURNAL OF MEDICINE	332,830	79.258	0.70200
3	LANCET	233,269	53.254	0.43574
4	CHEMICAL REVIEWS	174,920	52.613	0.26565
5	Nature Reviews Materials	3,218	51.941	0.01506

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Journal Titles Ranked by Impact Factor

Compare Selected Journals | Add Journals to New or Existing List | Customize Indicators

	Full Journal Title	Total Cites	Journal Impact Factor	Eigenfactor Score
<input type="checkbox"/>	1 CA-A CANCER JOURNAL FOR CLINICIANS	28,839	244.585	0.06603
<input type="checkbox"/>	2 NEW ENGLAND JOURNAL OF MEDICINE	332,830	79.258	0.70200
<input type="checkbox"/>	3 LANCET	233,269	53.254	0.43574
<input type="checkbox"/>	4 CHEMICAL REVIEWS	174,920	52.613	0.26565
<input type="checkbox"/>	5 Nature Reviews Materials	3,218	51.941	0.01506

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Journal Titles Ranked by Impact Factor

Compare Selected Journals | Add Journals to New or Existing List | Customize Indicators

	Full Journal Title	Total Cites	Journal Impact Factor	Eigenfactor Score
<input type="checkbox"/>	1 CA-A CANCER JOURNAL FOR CLINICIANS	28,839	244.585	0.06600
<input type="checkbox"/>	2 NEW ENGLAND JOURNAL OF MEDICINE	332,831	79.260	0.70200
<input type="checkbox"/>	3 LANCET	233,269	53.254	0.43600
<input type="checkbox"/>	4 CHEMICAL REVIEWS	174,920	52.613	0.26500
<input type="checkbox"/>	5 Nature Reviews Materials	3,218	51.941	0.01500
<input type="checkbox"/>	6 NATURE REVIEWS DRUG DISCOVERY	31,313	50.167	0.05400

ACOUSTICS  
AGRICULTURAL ECONOMICS & POLICY  
AGRICULTURAL ENGINEERING

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p.ej: las revistas de la Categoría: "Energy and Fuels"

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ENERGY & FUELS

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Journals By Rank Categories By Rank

Journal Titles Ranked by Impact Factor

Compare Selected Journals Add Journals to New or Existing List Customize Indicators

Select All		Full Journal Title	Total Cites	Journal Impact Factor	Eigenfactor Score
<input type="checkbox"/>	1	PROGRESS IN QUANTUM ELECTRONICS	1,122	10.733	0.00100
<input type="checkbox"/>	2	IEEE Industrial Electronics Magazine	1,394	10.429	0.00400
<input type="checkbox"/>	3	IEEE TRANSACTIONS ON PATTERN ANALYSIS AND MACHINE INTELLIGENCE	46,505	9.455	0.06400
<input type="checkbox"/>	4	IEEE COMMUNICATIONS MAGAZINE	21,610	9.270	0.05600
<input type="checkbox"/>	5	IEEE WIRELESS COMMUNICATIONS	6,702	9.202	0.01800
<input type="checkbox"/>	6	PROCEEDINGS OF THE IEEE	31,332	9.107	0.03100

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SCIE SSCI

Open Access Open Access

Category Schema Web of Science

JIF Quartile Select Publisher Select Country/Region

Impact Factor Range Average JIF Percentile Range

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javascript:catSubmit()

<input type="checkbox"/>	5	IEEE WIRELESS COMMUNICATIONS	6,702	9.202	0.01800
<input type="checkbox"/>	6	PROCEEDINGS OF THE IEEE	31,332	9.107	0.03100

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ENERGY & FUELS

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- ELECTROCHEMISTRY
- EMERGENCY MEDICINE
- ENDOCRINOLOGY & METABOLISM
- ENERGY & FUELS
- ENGINEERING, AEROSPACE
- ENGINEERING, BIOMEDICAL

**Journals By Rank**      **Categories By Rank**

Journal Titles Ranked by Impact Factor

Compare Selected Journals    Add Journals to New or Existing List    Customize Indicators

Select All	Full Journal Title	Total Cites	Journal Impact Factor	Eigenfactor Score
<input type="checkbox"/>	1 Nature Energy	5,072	46.859	0.02000
<input type="checkbox"/>	2 Energy & Environmental Science	71,920	30.067	0.18000
<input type="checkbox"/>	3 PROGRESS IN ENERGY AND COMBUSTION SCIENCE	10,618	25.242	0.01000
<input type="checkbox"/>	4 Advanced Energy Materials	34,218	21.875	0.10000
<input type="checkbox"/>	5 ACS Energy Letters	3,282	12.277	0.00900
<input type="checkbox"/>	6 Journal of Materials Chemistry A	93,815	9.931	0.24000
<input type="checkbox"/>	7 RENEWABLE & SUSTAINABLE ENERGY REVIEWS	67,014	9.184	0.10800
<input type="checkbox"/>	8 APPLIED ENERGY	63,669	7.900	0.10400
		113,385	6.945	0.14100

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**p.ej: las revistas de la Categoría: "Engineering, Electrical and Electronics"**

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Select Categories

- ENGINEERING, BIOMEDICAL
- ENGINEERING, CHEMICAL
- ENGINEERING, CIVIL
- ENGINEERING, ELECTRICAL & ELECTRONIC
- ENGINEERING, ENVIRONMENTAL

**Journals By Rank**      **Categories By Rank**

All Journal Categories ranked by Number of Journals

Show Visualization +

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Customize Indicators

Category	Edition	#Journals	Total Cites	Median Impact Factor	Aggregate Impact Factor
1 CELL & TISSUE ENGINEERING	SCIE	21	102,940	3.485	4.577
2 CELL BIOLOGY	SCIE	190	2,044,775	3.227	5.893
3 ALLERGY	SCIE	26	119,917	3.144	4.677
4 IMMUNOLOGY	SCIE	151	1,210,776	3.093	4.364
5 MATERIALS SCIENCE, BIOMATERIALS	SCIE	33	272,996	3.076	4.134
6 ENDOCRINOLOGY & METABOLISM	SCIE	138	933,411	3.046	4.191
7 TRANSPLANTATION	SCIE	25	167,399	3.006	2.991
8 ONCOLOGY	SCIE	217	1,812,872	2.993	4.469
9 NEUROSCIENCES	SCIE	259	2,169,549	2.906	3.939
10 PERIPHERAL VASCULAR DISEASE	SCIE	63	614,446	2.838	4.205
11 GASTROENTEROLOGY & HEPATOLOGY	SCIE	79	596,011	2.799	4.467

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All Journal Categories ranked by Number of Journals

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Select Journals

Select Categories

ENGINEERING, BIOMEDICAL

ENGINEERING, CHEMICAL

ENGINEERING, CIVIL

ENGINEERING, ELECTRICAL & ELECTRONIC

ENGINEERING, ENVIRONMENTAL

Select JCR Year

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Category	Edition	#Journals	Total Cites	Median Impact Factor	Aggregate Impact Factor
1 CELL & TISSUE ENGINEERING	SCIE	21	102,940	3.485	4.577
2 CELL BIOLOGY	SCIE	190	2,044,775	3.227	5.693
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11 GASTROENTEROLOGY & HEPATOLOGY	SCIE	79	596,011	2.799	4.467
12 BIOCHEMISTRY & MOLECULAR BIOLOGY	SCIE	290	3,435,913	2.780	4.207
13 VIROLOGY	SCIE	34	302,392	2.758	3.767
14 RHEUMATOLOGY	SCIE	30	191,844	2.651	3.887
15 GREEN & SUSTAINABLE SCIENCE & TECHNOLOGY	SCIE	31	211,476	2.635	4.821
16 SUBSTANCE ABUSE	SCIE	18	93,972	2.623	3.081
17 CRITICAL CARE MEDICINE	SCIE	33	282,454	2.614	4.483
18 GERIATRICS & GERONTOLOGY	SCIE	49	194,831	2.581	3.262
19 RESPIRATORY SYSTEM	SCIE	59	404,797	2.576	3.929
20 MICROBIOLOGY	SCIE	125	1,046,594	2.549	3.710
21 BIOPHYSICS	SCIE	73	604,801	2.535	3.279

ENGINEERING, CIVIL

ENGINEERING, ELECTRICAL & ELECTRONIC

ENGINEERING, ENVIRONMENTAL



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Compare Selected Journals

Add Journals to New or Existing List

Customize Indicators

Select	Full Journal Title	Total Cites	Journal Impact Factor	Eigenfactor Score
<input type="checkbox"/>	1 PROGRESS IN QUANTUM ELECTRONICS	1,047	11.000	0.00155
<input type="checkbox"/>	2 IEEE Industrial Electronics Magazine	1,119	10.710	0.00355
<input type="checkbox"/>	3 IEEE COMMUNICATIONS MAGAZINE	17,250	10.435	0.05010
<input type="checkbox"/>	4 IEEE SIGNAL PROCESSING MAGAZINE	9,088	9.654	0.01913
<input type="checkbox"/>	5 PROCEEDINGS OF THE IEEE	30,230	9.237	0.03172
<input type="checkbox"/>	6 IEEE WIRELESS COMMUNICATIONS	5,479	8.972	0.01814
<input type="checkbox"/>	7 IEEE TRANSACTIONS ON PATTERN ANALYSIS AND MACHINE INTELLIGENCE	43,649	8.329	0.06487

IEEE JOURNAL ON SELECTED

**Listado de las revistas de la Categoría: "Engineering, Electrical and Electronics"**

Select All	Rank	Full Journal Title	Total Cites	Journal Impact Factor	Eigenfactor Score
<input type="checkbox"/>	254	Electronics and Communications in Japan	167	0.202	0.00036
<input type="checkbox"/>	255	FUJITSU SCIENTIFIC & TECHNICAL JOURNAL	173	0.191	0.00022
<input type="checkbox"/>	256	ELECTRICAL ENGINEERING IN JAPAN	398	0.188	0.00033
<input type="checkbox"/>	257	Light & Engineering	41	0.118	0.00003
<input type="checkbox"/>	258	EPE Journal	101	0.091	0.00011
<input type="checkbox"/>	259	SOLID STATE TECHNOLOGY	162	0.082	0.00010
<input type="checkbox"/>	260	Journal of the Institute of Telecommunications Professionals	7	0.078	0
<input type="checkbox"/>	261	Traitement du Signal	72	0.028	0.00001
<input type="checkbox"/>	262	ELECTRONICS WORLD	45	0.026	0.00002

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**0.026**

Rank	Full Journal Title	Total Cites	Journal Impact Factor	Eigenfactor Score
1	CA-A CANCER JOURNAL FOR CLINICIANS	28,839	244.585	0.06603
2	NEW ENGLAND JOURNAL OF MEDICINE	332,830	79.258	0.70200
3	LANCET	233,269	53.254	0.43574
4	CHEMICAL REVIEWS	174,920	52.613	0.26565
5	Nature Reviews Materials	3,218	51.941	0.01506

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p.ej: búsqueda de las revistas con "ENERGY" en el título

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	Full Journal Title	Total Cites	Journal Impact Factor	Eigenfactor Score
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p.ej: búsqueda de las revistas con "ENERGY" en el título

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energy

Journals By Rank Categories By Rank

All Journal Categories ranked by Number of Journals

	Category	Edition	#Journals	Total Cites	Median Impact Factor	Aggregate Impact Factor
1	ECONOMICS	SSCI	353	905,731	1.112	1.766
2	MATHEMATICS	SCIE	309	491,977	0.704	0.852
3	BIOCHEMISTRY & MOLECULAR BIOLOGY	SCIE	292	3,620,042	2.911	4.295
4	MATERIALS SCIENCE, MULTIDISCIPLINARY	SCIE	285	3,451,166	1.952	4.640
5	NEUROSCIENCES	SCIE	261	2,346,351	3.047	4.015
5	PHARMACOLOGY & PHARMACY	SCIE	261	1,571,408	2.481	3.148
7	ENGINEERING, ELECTRICAL & ELECTRONIC	SCIE	260	1,636,325	1.820	2.723
8	MATHEMATICS, APPLIED	SCIE	252	538,270	0.972	1.296
9	ENVIRONMENTAL SCIENCES	SCIE	241	1,893,126	2.067	3.487

Energy Sources Part B- Economics Planning and Policy Energy Sources Part B- Economics Planning and Policy Energy Sources Part A- Recovery Utilization and Environmental Effects Energy Technology Energy Sustainability

Master en Investigación en Ingeniería Industrial Iniciación a la Actividad Investigadora 62



**Master Search**

Listado de las revistas con "ENERGY" en el título

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Search Journals



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Full Journal Title	JCR Abbreviated Title	ISSN	eISSN	Edition	JCR Coverage Years
ACS Energy Letters	ACS ENERGY LETT	2380-8195	2380-8195	SCIE	2016, 2017
Advanced Energy Materials	ADV ENERGY MATER	1614-6832	1614-6840	SCIE	2011, 2012, 2013, 2014, 2015, 2016, 2017
Advances in High Energy Physics	ADV HIGH ENERGY PH...	1687-7357	1687-7365	SCIE	2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017
ANNALS OF NUCLEAR ENERGY	ANN NUCL ENERGY	0306-4549	Not Available	SCIE	1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017
ANNUAL REVIEW OF ENERGY AND THE ENVIRONMENT	ANNU REV ENERG ENV	1056-3466	Not Available	SCIE	1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004
APPLIED ENERGY	APPL ENERG	0306-2619	1872-9118	SCIE	1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016,


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**Journals By Rank** Categories By Rank

Journal Titles Ranked by Impact Factor

Compare Selected Journals Add Journals to New or Existing List Customize Indicators

	Full Journal Title	Total Cites	Journal Impact Factor	Eigenfactor Score
1	CA-A CANCER JOURNAL FOR CLINICIANS	28,839	244.585	0.06600
2	NEW ENGLAND JOURNAL OF MEDICINE	332,831	79.260	0.70200
3	LANCET	233,269	53.254	0.43600
4	CHEMICAL REVIEWS	174,920	52.613	0.26500
5	Nature Reviews Materials	3,218	51.941	0.01500
6	NATURE REVIEWS DRUG DISCOVERY	31,313	50.167	0.05400

Maste **66**



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- PROCEEDINGS OF THE INSTITUTION OF CIVIL ENGINEERS-STRUCTURES AND BUILDINGS
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**Journal Titles Ranked by Impact Factor**

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**Buscar datos de la revista p.ej: "ENERGY AND BUILDINGS"**

### Master Search

Search Journals

1 - 1 of 1

Full Journal Title	JCR Abbreviated Title	ISSN	eISSN	Edition	JCR Coverage Years
ENERGY AND BUILDINGS	ENERG BUILDINGS	0378-7788	1872-6178	SCIE	1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017

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## ENERGY AND BUILDINGS

ISSN: 0378-7788  
ELSEVIER SCIENCE SA  
PO BOX 564, 1001 LAUSANNE, SWITZERLAND  
SWITZERLAND

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**Pertenece a 3 categorías**

**Titles**  
ISO: Energy Build.  
JCR Abbrev: ENERGBUILDINGS

**Categories**  
CONSTRUCTION & BUILDING TECHNOLOGY - SCIE;  
ENERGY & FUELS - SCIE;  
ENGINEERING, CIVIL - SCIE;

**Languages**  
English  
24 Issues/Year;

### Key Indicators

Year	Total Cites	Journal Impact Factor	Impact Factor Without Journal Self Cites	5 Year Impact Factor	Immediacy Index	Citable Items	Cited Half-Life	Citing Half-Life	Eigenfactor Score	Article Influence Score	% Articles in Citable Items	Normalized Eigenfactor	Average Percentile
2017	31,865	4.457	3.493	4.779	0.851	893	5.2	6.0	0.03...	0.683	94.74	4.02...	89.541
2016	25,822	4.067	2.935	4.599	0.631	937	5.1	6.4	0.03...	0.713	97.33	3.71...	89.809
2015	17,211	2.973	2.046	3.666	0.680	775	4.9	6.5	0.02...	0.691	96.90	3.18...	83.986
2014	13,417	2.884	1.709	3.617	0.400	863	5.0	6.6	0.02...	0.644	97.57	2.25	84.947

Maste

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2011	5,508	2,386	1,456	2,809	0.286	434	5.6	6.6	0.01...	0.619	97.47	Not ...	83.985
2010	3,830	2,046	1,445	2,256	0.273	289	5.8	6.5	0.00...	0.589	96.54	Not ...	82.308
2009	2,795	1,593	1,227	1,774	0.201	164	5.7	6.4	0.00...	0.502	96.95	Not ...	78.008
2008	2,270	1,590	1,132	1,759	0.207	251	5.6	7.1	0.00...	0.547	99.60	Not ...	82.504
2007	1,453	0.834	0.610	1.195	0.081	135	5.8	6.8	0.00...	0.471	99.26	Not ...	68.794
2006	1,101	0.727	0.476	Not ...	0.156	160	5.4	7.4	Not ...	Not ...	98.13	Not ...	71.563
2005	729	0.590	0.410	Not ...	0.046	130	5.0	7.2	Not ...	Not ...	100.00	Not ...	63.461
2004	530	0.735	0.441	Not ...	0.046	130	4.9	6.8	Not ...	Not ...	100.00	Not ...	75.060
2003	458	0.513	0.358	Not ...	0.092	109	5.7	9.0	Not ...	Not ...	100.00	Not ...	61.194
2002	377	0.500	0.311	Not ...	0.255	106	5.0	7.0	Not ...	Not ...	99.06	Not ...	61.970
2001	211	0.357	0.200	Not ...	0.012	81	5.4	7.8	Not ...	Not ...	100.00	Not ...	52.589

**Journal Source Data**

	Citable Items			Other (O)	Percentage (C/(C + O))
	Articles	Reviews	Combined (C)		
Number in JCR Year 2017 ...	846	47	893	7	99%
Number of References (B)	32,662	3,536	36,198	59	99%
Ratio (B/A)	38.6	75.2	40.5	8.4	

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2017	31,865	4,457	3,493	4,779	0.851	893	5.2	6.0	0.03...	0.683	94.74	4.02...	89.541
2016	25,822	4,067	2,935	4,599	0.631	937	5.1	6.4	0.03...	0.713	97.33	3.71...	89.809
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2014	13,417	2,884	1,709	3,617	0.400	863	5.0	6.6	0.02...	0.644	97.57	2.25...	84.042

Master

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en las 3 categorías

**Rank** ←

**JCR Impact Factor**

JCR Year	CONSTRUCTION & BUILDING TECHNOLOGY			ENERGY & FUELS			ENGIN
	Rank	Quartile	JIF Percentile	Rank	Quartile	JIF Percentile	
2017	5/62	Q1	92.742	22/97	Q1	77.835	
2016	5/61	Q1	92.623	20/92	Q1	78.804	
2015	6/61	Q1	90.984	31/88	Q2	65.341	
2014	5/59	Q1	92.373	30/89	Q2	66.854	
2013	6/58	Q1	90.517	36/83	Q2	57.229	
2012	4/57	Q1	93.860	26/81	Q2	68.519	
2011	6/56	Q1	90.179	27/81	Q2	67.284	
2010	4/53	Q1	93.396	30/79	Q2	62.658	
2009	6/49	Q1	88.776	31/71	Q2	57.042	
2008	3/38	Q1	93.421	25/67	Q2	63.433	
2007	7/34	Q1	80.882	32/64	Q2	50.781	
2006	6/33	Q1	83.333	27/62	Q2	57.258	
2005	6/31	Q1	82.258	32/63	Q3	50.000	
2004	5/31	Q1	85.484	23/61	Q2	63.115	
2003	9/29	Q2	70.690	32/62	Q3	49.194	
2002	10/29	Q2	67.241	30/63	Q2	53.175	

ESI Total Citations

Source Data

**Rank**

Cited Journal Data

Citing Journal Data

Box Plot

Journal Relationships

**JCR Impact Factor**

JCR Year	CONSTRUCTION & BUILDING TECHNOLOGY			ENERGY & FUELS			ENGIN
	Rank	Quartile	JIF Percentile	Rank	Quartile	JIF Percentile	
2017	5/62						7.835
2016	5/61						8.804
2015	6/61						5.341
2014	5/59						6.854
2013	6/58						7.229
2012	4/57						6.519
2011	6/56	Q1	90.179	27/81	Q2		67.284
2010	4/53						62.658
2009	6/49						57.042
2008	3/38						63.433
2007	7/34	Q1	80.882	32/64	Q2		50.781
2006	6/33	Q1	83.333	27/62	Q2		57.258
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2004	5/31	Q1	85.484	23/61	Q2		63.115
2003	9/29	Q2	70.690	32/62	Q3		49.194
2002	10/29	Q2	67.241	30/63	Q2		53.175

ESI Total Citations

**en las 3 categorías**

**MUY IMPORTANTE: que esté situada en el 1er Cuartil (Q1) en año en que se valore**

**En cada categoría tiene su Q**

**En ocasiones se valoran Terciles (T1)**

Source Data

**Rank**

Cited Journal Data

**JCR Impact Factor**

JCR Year	CONSTRUCTION & BUILDING TECHNOLOGY			ENERGY & FUELS			ENGIN
	Rank	Quartile	JIF Percentile	Rank	Quartile	JIF Percentile	
2017	5/62						7.835
	5/61						8.804
	6/61						5.341
	5/59						6.854
	6/58						7.229
	4/57						6.519
	6/56	Q1	90.179	27/81	Q2		67.284
	4/53						62.658
	6/49						57.042
	3/38						63.433
2007	7/34	Q1	80.882	32/64	Q2		50.781
2006	6/33	Q1	83.333	27/62	Q2		57.258
	6/31	Q1	82.258	32/63	Q3		50.000
	5/31	Q1	85.484	23/61	Q2		63.115
	9/29	Q2	70.690	32/62	Q3		49.194
	10/29	Q2	67.241	30/63	Q2		53.175

ESI Total Citations

**en las 3 categorías**

**MUY IMPORTANTE: que esté situada en el 1er Cuartil (Q1) en año en que se valore**

**En cada categoría tiene su Q**

**En ocasiones se valoran Terciles (T1)**

**Ordenadas por I.F.**

- Primer 1-25% (Q1)
- Segundo 26-50% (Q2)
- Tercero 51-75% (Q3)
- Cuarto 76-100% (Q4)

**Ordenadas por I.F.**

- Primer 1-33% (T1)
- Segundo 34-66% (T2)
- Tercero 67-100% (T3)

en las 3 categorías

Rank

Source Data

JCR Impact Factor

JCR Year	CONSTRUCTION & BUILDING TECHNOLOGY			ENERGY & FUELS			ENGIN
	Rank	Quartile	JIF Percentile	Rank	Quartile	JIF Percentile	
2017	5/62						7.835
	5/61						8.804
	6/61						5.341
	5/59						6.854
2016	7/34	Q1	66.662	32/64	Q2	57.258	7.229
	6/33	Q1	83.333	27/62	Q2	57.258	68.519
	6/31	Q1	82.258	32/63	Q3	50.000	67.284
	6/31	Q1	85.484	23/61	Q2	63.115	62.658
2015	2/9	Q2	70.690	32/62	Q3	49.194	57.042
	2/9	Q2	67.241	30/63	Q2	53.175	63.433

Ordenadas por I.F.

- Primer 1-25% (Q1)
- Segundo 26-50% (Q2)
- Tercero 51-75% (Q3)
- Cuarto 76-100% (Q4)

MUY IMPORTANTE: que esté situada en el 1er Cuartil (Q1)

Si la lista de este año se publica a mediados del año siguiente, ¿cómo se puede saber donde estará la revista este año?

Ordenadas por I.F.

- Primer 1-33% (T1)
- Segundo 34-66% (T2)
- Tercero 67-100% (T3)

En ocasiones se valoran Terciles (T1)

en las 3 categorías

Rank

Source Data

JCR Impact Factor

JCR Year	CONSTRUCTION & BUILDING TECHNOLOGY			ENERGY & FUELS			ENGIN
	Rank	Quartile	JIF Percentile	Rank	Quartile	JIF Percentile	
2017	5/62						7.835
	5/61						8.804
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Ordenadas por I.F.

- Primer 1-25% (Q1)
- Segundo 26-50% (Q2)
- Tercero 51-75% (Q3)
- Cuarto 76-100% (Q4)

MUY IMPORTANTE: que esté situada en el 1er Cuartil (Q1)

Si la lista de este año se publica a mediados del año siguiente, ¿cómo se puede saber donde estará la revista este año?

No se sabe, hay que "pronosticar" por la trayectoria de la revista

Ordenadas por I.F.

- Primer 1-33% (T1)
- Segundo 34-66% (T2)
- Tercero 67-100% (T3)

En ocasiones se valoran Terciles (T1)



Source Data

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Journal Relationships

**JCR Impact Factor**

JCR Year	CONSTRUCTION & BUILDING TECHNOLOGY			ENERGY & FUELS			ENGIN
	Rank	Quartile	JIF Percentile	Rank	Quartile	JIF Percentile	R
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2002	10/29	Q2	67.241	30/63	Q2	53.175	

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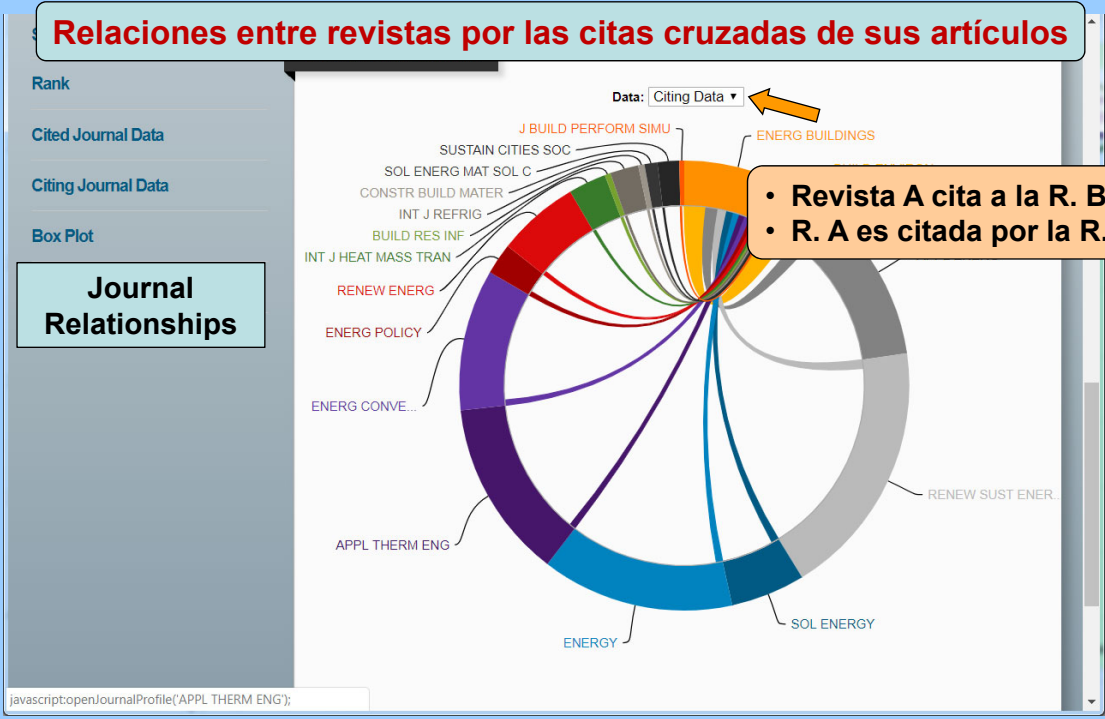
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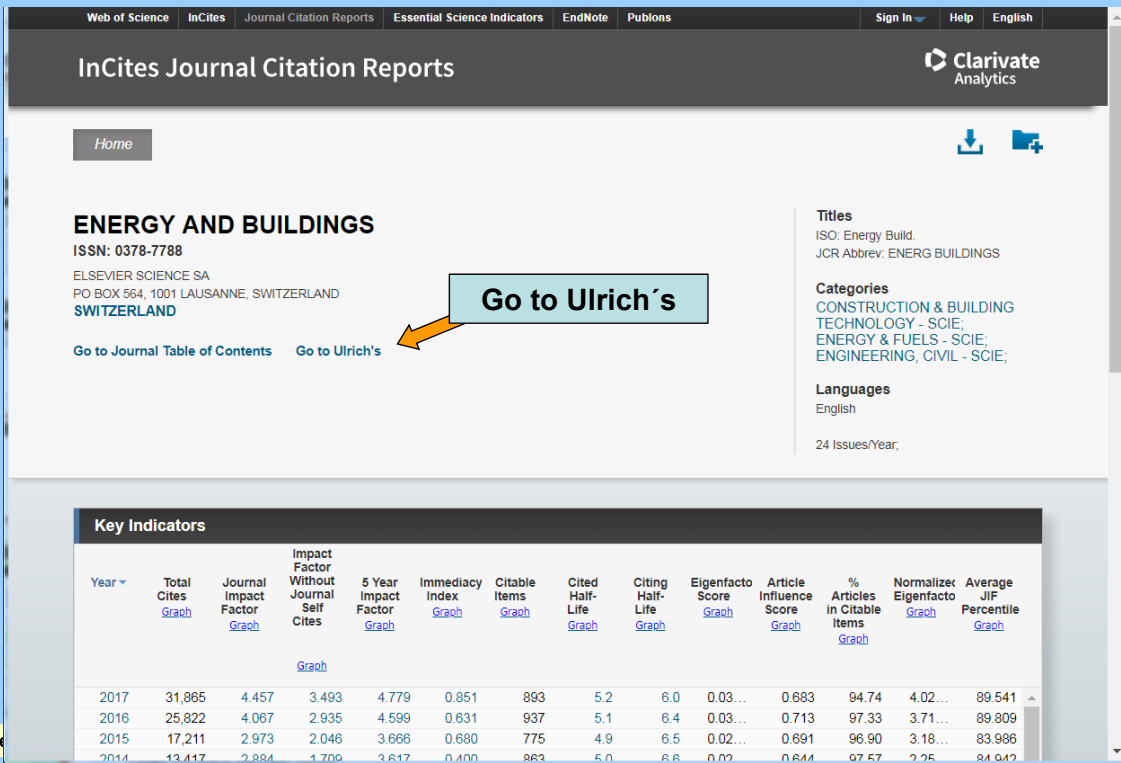
**Titles**  
ISO: Energy Build.  
JCR Abbrev: ENERGBUILDINGS

**Categories**  
CONSTRUCTION & BUILDING TECHNOLOGY - SCIE;  
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**ENERGY AND BUILDINGS**  
ISSN: 0378-7788  
ELSEVIER SCIENCE SA  
PO BOX 564, 1001 LAUSANNE, SWITZERLAND  
SWITZERLAND

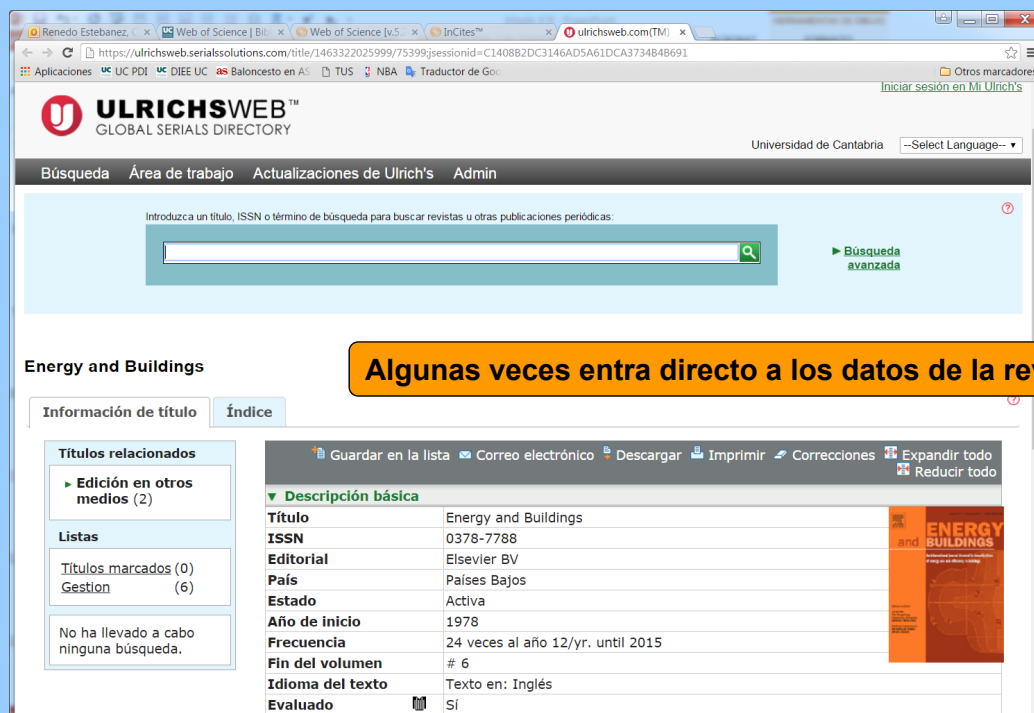
**Go to Ulrich's**

**Key Indicators**

Year	Total Cites	Journal Impact Factor	Impact Factor Without Journal Self Cites	5 Year Impact Factor	Immediacy Index	Citable Items	Cited Half-Life	Citing Half-Life	Eigenfactor Score	Article Influence Score	% Articles in Citable Items	Normalized Eigenfactor	Average JIF Percentile
2017	31,865	4.457	3.493	4.779	0.851	893	5.2	6.0	0.03...	0.683	94.74	4.02...	89.541
2016	25,822	4.067	2.935	4.599	0.631	937	5.1	6.4	0.03...	0.713	97.33	3.71...	89.809
2015	17,211	2.973	2.046	3.686	0.680	775	4.9	6.5	0.02...	0.691	96.90	3.18...	83.986
2014	13,417	2.884	1.709	3.617	0.400	863	5.0	6.6	0.02	0.644	97.57	2.25	84.042

Master

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**ULRICHSWEB™**  
GLOBAL SERIALS DIRECTORY

Universidad de Cantabria

**Energy and Buildings**

**Algunas veces entra directo a los datos de la revista**

**Información de título**

**Índice**

**Descripción básica**

<b>Título</b>	Energy and Buildings
<b>ISSN</b>	0378-7788
<b>Editorial</b>	Elsevier BV
<b>País</b>	Países Bajos
<b>Estado</b>	Activa
<b>Año de inicio</b>	1978
<b>Frecuencia</b>	24 veces al año 12/yr. until 2015
<b>Fin del volumen</b>	# 6
<b>Idioma del texto</b>	Texto en: Inglés
<b>Evaluado</b>	Sí

Otras veces no; entra en ULRICHWEB y hay que buscar la revista

**ULRICHSWEB™**  
GLOBAL SERIALS DIRECTORY

Introduzca un título, ISSN o término de búsqueda para buscar revistas u otras publicaciones periódicas:

energy and buildings **Energy and buildings**

**¿Qué es Ulrichsweb?**  
Ulrichsweb es una fuente de información detallada, y fácil de usar, sobre más de 300 000 publicaciones periódicas (también denominadas publicaciones en serie) de todo tipo: publicaciones académicas y de investigación, revistas electrónicas, títulos revisados por pares, revistas de gran popularidad, periódicos, boletines informativos, etc.

**¿Qué incluye?**  
Ulrichsweb abarca más de 900 áreas temáticas. Los registros de Ulrich permiten realizar búsquedas por ISSN, editorial, idioma, materia, resúmenes e índices, textos completos en bases de datos, contenido y reseñas escritas por bibliotecarios.

**¿Cuáles son las opciones de conexión?**  
Si su empresa tiene opciones de conexión activadas, también podrá utilizar Ulrichsweb para realizar búsquedas en el catálogo de su biblioteca o en las publicaciones en serie de otras bibliotecas a las que su biblioteca está...

**ULRICHSWEB™**  
GLOBAL SERIALS DIRECTORY

Introduzca un título, ISSN o término de búsqueda para buscar revistas u otras publicaciones periódicas:

energy and buildings

**1 - 25 de 91.835 Resultados para energy and buildings**

Consultar información Guardar en la lista Correo electrónico Descargar Guardar configuración Cambiar columnas

	Título	Editorial	ISSN	País	Estac	Tipo de s
<input type="checkbox"/>	Energy and Buildings	Elsevier BV		Países Bajos	Activa	Revista
<input type="checkbox"/>	Energy and Buildings	Elsevier BV	1872-6178	Países Bajos	Activa	Revista
<input type="checkbox"/>	Energy and Buildings	Elsevier BV	0378-7788	Países Bajos	Activa	Revista
<input type="checkbox"/>	Sustainability in Energy and Buildings. Research Advances	Future Technology Press	2054-3743	Reino Unido	Activa	Serie monográfica

**¿Qué incluye?**  
Ulrichsweb abarca más de 900 áreas temáticas. Los registros de Ulrich permiten realizar búsquedas por ISSN, editorial, idioma, materia, resúmenes e índices, textos completos en bases de datos, contenido y reseñas escritas por bibliotecarios.

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The screenshot shows the Ulrichsweb interface with the following details:

- Logos:** UC (Universidad de Cantabria), ExLibris, and IEE.
- Page Header:** "Ulrichsweb" and "ULRICHSWEB™ GLOBAL SERIALS DIRECTORY".
- Search Bar:** "Introduzca un título" with "energy and buildings" entered.
- Filters:** "Limitar resultados" with various criteria like "Funciones clave" and "Índice (6614)".
- Search History:** "Historial de Búsqueda" showing "energy and buildings - (91835)".
- Result Card:**
  - Título:** Energy and Buildings
  - Editorial:** Elsevier BV
  - País:** Países Bajos
  - Estado:** Activa
  - Frecuencia:** 24 veces al año 12/yr. until 2015
  - Idioma del texto:** Texto en: Inglés
  - Evaluado:** Sí
  - Resumido / Indexado:** Sí
  - Tipo de serie:** Revista
  - Tipo de contenido:** Académico / de investigación
  - Formato:** Microforma
  - Página de web:** <http://www.elsevier.com/locate/enbuild>
  - Descripción:** Presents the results of research activities conducted by the building science community concerned with energy use, quality of the indoor environment and climatology.
- Buttons:** "Guardar en la lista", "Correo electrónico", "Descargar", "Imprimir", "Correcciones", "Expandir todo", "Reducir todo".

The slide contains the following information:

- Logos:** UC (Universidad de Cantabria) and IEE.
- Section Header:** "Ejercicio 1:"
- Task:** "Ordenar las revistas por índice de impacto en la categoría 'Energy and Fuels' en los años:"
- Options:**
  - 2009
  - 2010
  - 2011
  - 2012
  - ...
- Instruction:** "Cada estudiante elige 3 años entre el 2000 y el actual"

## Ejercicio 1:



Ordenar las revistas por índice de impacto en la categoría “Energy and Fuels” en los años:

- 2009
- 2010
- 2011
- 2012
- ...

Cada estudiante elige 3 años entre el 2000 y el actual

Como curiosidad para comentar:  
¿Cómo ha sido la evolución de la revista:  
“Energy Education Science and Technology”?

## Ejercicio 2:



Ordenar para el año actual las revistas por índice de impacto en las categorías:

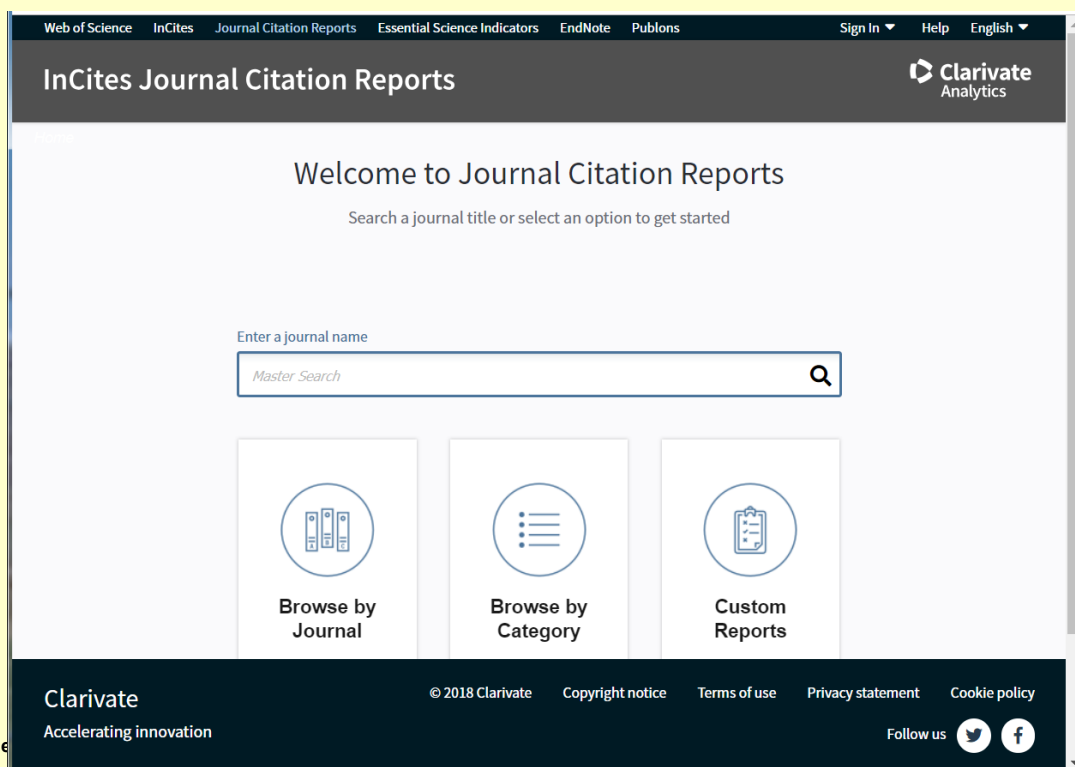
- Engineering, Electrical & Electronic
- Engineering, Multidisciplinary
- Multidisciplinary Sciences
- Thermodynamics
- ...

Cada estudiante elige una categoría

### Buscar las revistas relacionadas con:

- Biomass and Bioenergy
- Renewable Energy
- Solar Energy
- Wind Energy
- ...

Cada estudiante elige una revista



The screenshot shows the InCites Journal Citation Reports website. At the top, there is a navigation bar with links for Web of Science, InCites, Journal Citation Reports, Essential Science Indicators, EndNote, and Publons. The main header includes the Clarivate Analytics logo. The central content area features a search bar with the placeholder text "Enter a journal name" and "Master Search". Below the search bar are three main navigation options: "Browse by Journal", "Browse by Category", and "Custom Reports". The footer contains the Clarivate logo, the tagline "Accelerating innovation", copyright information for 2018, and links to various policies and social media.

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**Essential Science Indicators**

Welcome to Journal Citation Reports

Search a journal title or select an option to get started

Enter a journal name

Master Search

Browse by Journal | Browse by Category | Custom Reports

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**InCites Essential Science Indicators** | Clarivate Analytics

Indicators | Field Baselines | Citation Thresholds

Indicators

Top Papers by Research Fields

Results List: Research Fields

Filter Results By: Add Filter

Include Results For: Top Papers

Map View by Top / Hot / Highly Cited Papers

Report View by Selection

Total:	Research Fields	Web of Science Documents	Cites	Cites/Paper	Top Papers
22	1 CLINICAL MEDICINE	2,743,328	35,532,499	12.95	27,241
	2 CHEMISTRY	1,727,273	25,754,091	14.91	17,241



**Indicadores**

**Top Papers by Research Fields**

Map View by Top / Hot / Highly Cited Papers

Total: 22	Research Fields	Web of Science Documents	Cites	Cites/Paper	Top Papers
1	CLINICAL MEDICINE	2,743,328	35,532,499	12.95	27,271
2	CHEMISTRY	1,727,273	25,754,091	14.91	17,241

**Autores Instituciones ...**

**Indicadores**

**Top Papers by Research Fields**

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1	CLINICAL MEDICINE	2,743,328	35,532,499	12.95	27,271
2	CHEMISTRY	1,727,273	25,754,091	14.91	17,241

**Autores**

Results List  
 Authors

Filter Results By  
 Add Filter

Include Results For  
 Top Papers

Map View by Top / Hot / Highly Cited Papers

Report View by Selection

Total: 90940	Authors	Web of Science Documents	Cites	Cites/Paper	Top Papers
1	ZHANG, Y	55,329	729,796	13.19	64
2	WANG, Y	55,476	702,730	12.67	72
3	WANG, J	46,063	680,403	14.77	87
4	LIU, Y	47,562	622,947	13.10	70
5	LI, Y	46,109	587,376	12.74	62
6	ZHANG, J	41,315	571,187	13.83	64
7	LI, J	43,379	540,846	12.47	59
8	ZHANG, L	38,322	532,785	13.90	63
9	WANG, L	38,769	505,574	13.04	49
10	ZHANG, H	28,305	426,576	15.07	59
11	WANG, H	30,881	425,593	13.78	54
12	LIU, J	30,096	422,541	14.04	53

**Instituciones**

Results List  
 Institutions

Filter Results By  
 Add Filter

Include Results For  
 Top Papers

Map View by Top / Hot / Highly Cited Papers

Report View by Selection

Total: 6757	Institutions	Countries/Regions	Web of Science Documents	Cites	Cites/Paper
1	UNIVERSITY OF CALIFORNIA SYSTEM	USA	386,982	10,054,084	25.98
2	HARVARD UNIVERSITY	USA	207,841	6,641,507	31.95
3	CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS)	FRANCE	333,218	5,715,283	17.15
4	CHINESE ACADEMY OF SCIENCES	CHINA MAINLAND	332,076	4,924,146	14.83
5	UNIVERSITY OF LONDON	ENGLAND	194,146	4,234,568	21.81
6	UNIVERSITY OF TEXAS SYSTEM	USA	165,224	3,861,110	23.37
7	UNITED STATES DEPARTMENT OF ENERGY (DOE)	USA	135,916	3,451,696	25.40

Countries

Results List  
Countries/Regions

Filter Results By  
Changing the filter field removes all current filters.  
Add Filter »

Include Results For  
Top Papers

Clear Save Criteria

Map View by Top / Hot / Highly Cited Papers

Report View by Selection

Total: 153	Countries/Regions	Web of Science Documents	Cites	Cites/Paper	Top Papers
1	USA	3,991,221	72,597,017	18.19	73.66
2	CHINA MAINLAND	2,334,641	23,787,970	10.19	25.92
3	ENGLAND	980,969	18,137,298	18.49	21.48
4	GERMANY (FED REP GER)	1,061,687	18,077,900	17.03	18.42
5	FRANCE	740,160	12,124,282	16.38	12.13
6	CANADA	661,408	11,206,900	16.94	12.41
7	JAPAN	834,146	10,402,479	12.47	7.21
8	ITALY	645,294	10,007,012	15.51	9.85
9	AUSTRALIA	556,924	8,813,822	15.83	10.84
10	SPAIN	559,264	8,201,503	14.66	8.28
11	NETHERLANDS	386,397	7,847,948	20.31	9.60
12	SWITZERLAND	285,977	6,117,536	21.39	7.80

Filtros para refinar la búsqueda

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InCites Essential Science Indicators Clarivate Analytics

Indicators Field Baselines Citation Thresholds

Indicators

Top Papers by Research Fields

Results List  
Research Fields

Filter Results By  
Attributes  
Research Fields  
Authors  
Institutions  
Countries/Regions  
Journals  
Research Fronts

Include Results For  
Top Papers

Clear Save Criteria

Map View by Top / Hot / Highly Cited Papers

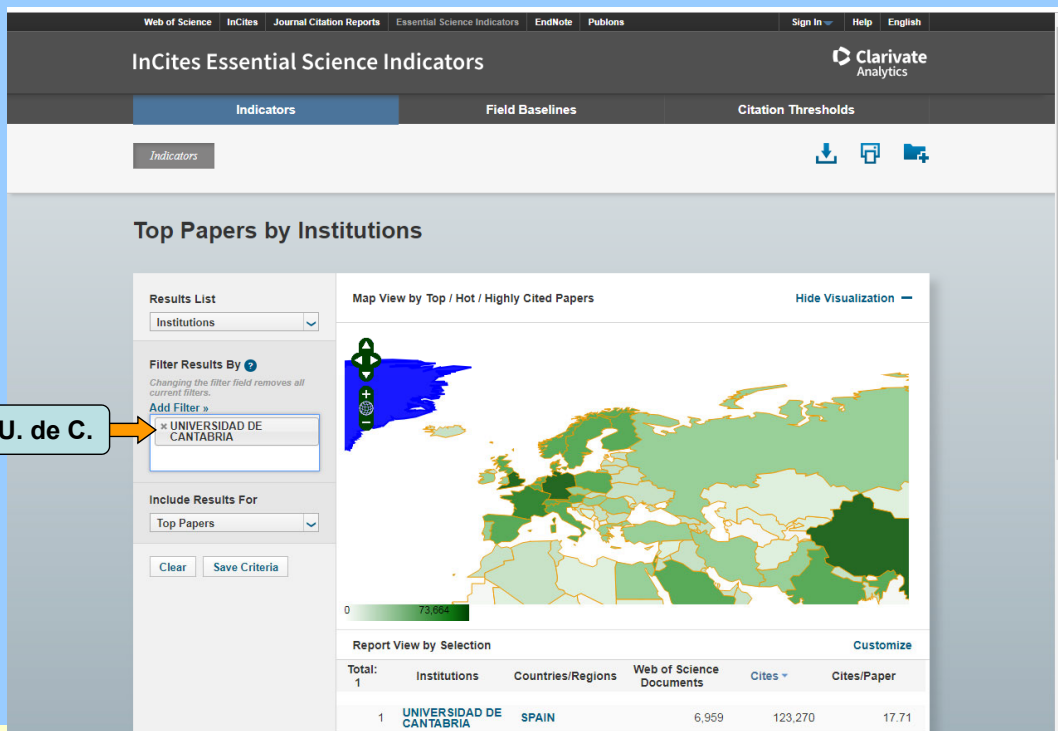
Report View by Selection

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Master en Investigación en Ingeniería Industrial

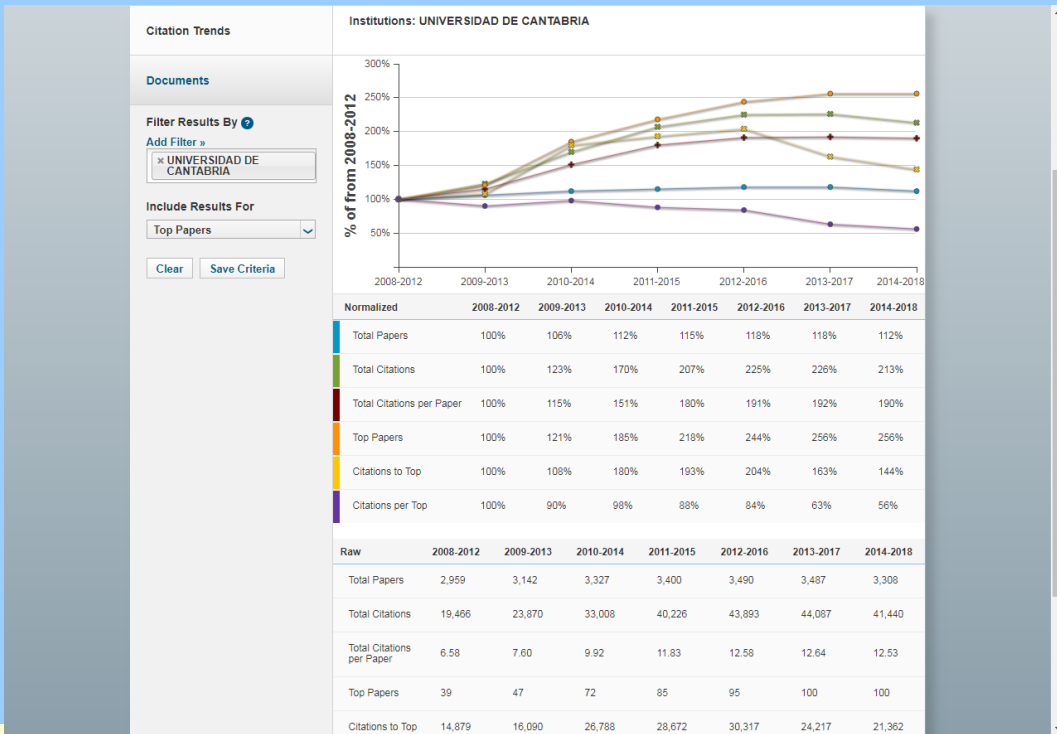
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Indicators | **Field Baselines** | Citation Thresholds

Indicators

Top Papers by Research Fields

Results List: Research Fields

Filter Results By: C.S.I.C. INSTITUTO DE FISICA DE CANTABRIA INICIO (IFCA), CONSEJO SUPERIOR DE INVESTIGACIONES CIENTIFICAS (CSIC)

Include Results For: Top Papers

Map View by Top / Hot / Highly Cited Papers

Report View by Selection

Total:	Research Fields	Web of Science Documents	Cites	Cites/Paper	Top Papers
2	PHYSICS	1,207	34,375	28.48	57
0	ALL FIELDS	1,809	66,171	36.58	116

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Indicators | **Field Baselines** | Citation Thresholds

**“Expectativas” de citas de un artículo por artículo por “grandes áreas”**

Field Baselines

Baselines are annualized expected citation rates for papers in a research field.

Citation Rates are yearly averages of citations per paper.

Citation Rates	RESEARCH FIELDS	2008	2009	2010	2011	2012	2013	2014	2015
	ALL FIELDS	24.38	22.70	20.90	18.33	15.94	13.41	10.90	8.06
	AGRICULTURAL SCIENCES	17.47	16.10	14.99	13.08	11.42	9.73	7.99	5.90
	BIOLOGY & BIOCHEMISTRY	33.90	32.45	28.62	24.59	21.37	17.54	13.86	9.85
	CHEMISTRY	26.12	24.42	23.52	21.57	19.85	16.72	14.31	10.92
	CLINICAL MEDICINE	25.97	24.17	21.78	18.98	16.44	13.70	10.98	8.14
	COMPUTER SCIENCE	13.13	12.02	11.17	10.75	8.67	7.80	6.67	5.21
	ECONOMICS & BUSINESS	18.63	16.90	15.08	12.81	10.24	8.39	6.35	4.34
	ENGINEERING	13.93	14.16	13.29	11.95	10.44	9.31	7.76	6.00
	ENVIRONMENT/ ECOLOGY	30.36	26.67	24.67	21.09	18.48	14.92	11.75	8.52
	GEOSCIENCES	25.99	24.70	21.78	19.78	16.65	13.93	10.80	7.84
	IMMUNOLOGY	39.25	36.21	32.13	27.91	23.05	19.80	15.81	11.22
	MATERIALS SCIENCE	21.63	21.10	21.08	19.25	17.51	15.24	13.42	10.35
	MATHEMATICS	9.17	8.37	7.69	6.44	5.28	4.27	3.40	2.60
	MICROBIOLOGY	31.47	29.30	26.90	21.78	18.65	16.15	13.08	9.35
	MOLECULAR BIOLOGY & GENETICS	52.04	48.14	43.21	37.56	30.48	25.47	19.44	13.75
	MULTIDISCIPLINARY	30.05	33.60	31.73	29.28	20.69	19.76	12.54	10.19
	NEUROSCIENCE	37.00	34.67	31.04	26.71	22.53	18.43	14.43	10.70



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Indicators **Field Baselines** Citation Thresholds

**Field Baselines**  
Baselines are annualized expected citation rates for papers in a research field.  
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**Citas medias por artículo** → Citation Rates

RESEARCH FIELDS	2008	2009	2010	2011	2012	2013	2014	2015
ALL FIELDS	24.38	22.70	20.90	18.33	15.94	13.41	10.90	8.06
AGRICULTURAL SCIENCES	17.47	16.10	14.99	13.08	11.42	9.73	7.99	5.90
BIOLOGY & BIOCHEMISTRY	33.90	32.45	28.62	24.59	21.37	17.54	13.86	9.85
CHEMISTRY	26.12	24.42	23.52	21.57	19.85	16.72	14.31	10.92
CLINICAL MEDICINE	25.97	24.17	21.78	18.98	16.44	13.70	10.98	8.14
COMPUTER SCIENCE	13.13	12.02	11.17	10.75	8.67	7.80	6.67	5.21
ECONOMICS & BUSINESS	18.63	16.90	15.08	12.81	10.24	8.39	6.35	4.34
ENGINEERING	13.93	14.16	13.29	11.95	10.44	9.31	7.76	6.00
ENVIRONMENTAL ECOLOGY	30.36	26.67	24.67	21.09	18.48	14.92	11.75	8.52
GEOSCIENCES	25.99	24.70	21.78	19.78	16.65	13.93	10.80	7.84
IMMUNOLOGY	39.25	36.21	32.13	27.91	23.05	19.80	15.81	11.22
MATERIALS SCIENCE	21.63	21.10	21.08	19.25	17.51	15.24	13.42	10.35
MATHEMATICS	9.17	8.37	7.69	6.44	5.28	4.27	3.40	2.60
MICROBIOLOGY	31.47	29.30	26.90	21.78	18.65	16.15	13.08	9.35
MOLECULAR BIOLOGY & GENETICS	52.04	48.14	43.21	37.56	30.48	25.47	19.44	13.75
MULTIDISCIPLINARY	30.05	33.60	31.73	29.28	20.69	19.76	12.54	10.19
NEUROSCIENCE	37.00	34.67	31.04	26.71	22.53	18.43	14.43	10.20

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Iniciación a la Actividad Investigadora **105**

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Indicators **Field Baselines** Citation Thresholds

**Field Baselines**  
Baselines are annualized expected citation rates for papers in a research field.  
Percentiles define levels of citation activity. The larger the minimum number of citations, the smaller the peer group.

**Percentiles del ranking de citas** → Percentiles

RESEARCH FIELDS	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
ALL FIELDS										
0.01%	1,994	2,015	1,687	1,410	1,287	956	769	541	334	
0.10%	679	619	576	490	417	334	271	191	120	
1.00%	209	190	175	151	129	106	85	63	40	
10.00%	55	51	47	41	36	30	25	19	12	
20.00%	33	31	28	25	22	19	15	12	8	
50.00%	11	11	10	9	8	7	6	5	3	
AGRICULTURAL SCIENCES										
0.01%	543	669	627	430	361	370	194	168	93	
0.10%	303	307	281	238	176	147	106	79	46	
1.00%	132	110	110	89	75	63	50	37	24	
10.00%	43	39	36	32	28	24	20	15	10	
20.00%	27	25	23	20	18	15	13	10	6	
50.00%	9	9	8	8	7	6	5	4	3	
BIOLOGY & BIOCHEMISTRY										
0.01%	2,257	5,300	2,874	1,824	2,729	1,549	1,413	1,026	494	
0.10%	813	758	687	578	500	429	330	224	135	
1.00%	263	240	210	177	151	124	96	69	42	
10.00%	72	67	60	52	45	37	29	21	14	
20.00%	45	42	38	33	29	24	19	14	9	
50.00%	19	18	16	14	12	10	8	6	4	
MATHEMATICS	9.17	8.37	7.69	6.44	5.28	4.27	3.40	2.60		
MICROBIOLOGY	31.47	29.30	26.90	21.78	18.65	16.15	13.08	9.35		
MOLECULAR BIOLOGY & GENETICS	52.04	48.14	43.21	37.56	30.48	25.47	19.44	13.75		
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Master en Investigación en Ingeniería Industrial

Iniciación a la Actividad Investigadora **106**

**El percentil de "Engineering"**

**Field Baselines**

Baselines are annualized expected citation rates for papers in a research field.

Percentiles define levels of citation activity. The larger the minimum number of citations, the smaller the peer group.

Citation Rates	RESEARCH FIELDS ^	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
	<b>ENGINEERING</b>										
Percentiles	0.01%	759	737	871	635	460	404	331	277	196	
	0.10%	329	301	301	246	195	166	132	106	75	
	1.00%	116	115	107	93	78	68	56	43	29	
Field Rankings	10.00%	34	35	32	29	26	23	19	15	10	
	20.00%	20	21	19	18	16	14	12	10	6	
	50.00%	6	7	6	6	6	5	4	4	2	

**Cuántas citas tiene que tener un artículo para "ser relevante" "en su campo" en función del año de publicación**

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**Field Baselines**

Baselines are annualized expected citation rates for papers in a research field.

Field Rankings provide 10-year citation rates and aggregate counts of highly cited papers.

Citation Rates	RESEARCH FIELDS ^	No. OF PAPERS	No. OF CITATIONS	CITATIONS PER PAPER	HIGHLY
Percentiles	AGRICULTURAL SCIENCES	419,736	3,725,256	8.88	
	BIOLOGY & BIOCHEMISTRY	733,248	12,447,190	16.98	
	CHEMISTRY	1,727,273	25,754,091	14.91	
Field Rankings	CLINICAL MEDICINE	2,743,328	35,532,499	12.95	
	COMPUTER SCIENCE	358,523	2,415,479	6.74	
	ECONOMICS & BUSINESS	274,570	2,315,373	8.43	
	ENGINEERING	1,267,069	9,841,701	7.77	
	ENVIRONMENT/ECOLOGY	480,050	6,257,713	13.04	
	GEOSCIENCES	453,165	5,699,554	12.58	
	IMMUNOLOGY	258,688	4,930,286	19.06	
	MATERIALS SCIENCE	826,625	10,341,882	12.51	
	MATHEMATICS	427,593	1,889,802	4.42	
	MICROBIOLOGY	207,098	3,179,271	15.35	
	MOLECULAR BIOLOGY & GENETICS	469,675	11,267,045	23.99	
	MULTIDISCIPLINARY	21,444	325,651	15.19	
	NEUROSCIENCE & BEHAVIOR	516,024	9,384,458	18.19	
	PHARMACOLOGY & TOXICOLOGY	402,427	5,177,671	12.87	
	PHYSICS	1,121,745	13,027,848	11.61	
	PLANT & ANIMAL SCIENCE	737,237	6,943,003	9.42	
	PSYCHIATRY/PSYCHOLOGY	407,522	5,023,653	12.33	
	SOCIAL SCIENCES, GENERAL	918,842	6,399,336	6.96	
	SPACE SCIENCE	149,346	2,707,967	18.13	

**Ranking de las grandes "áreas"**

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Indicators | Field Baselines | **Citation Thresholds**

**Citation Thresholds**

A citation threshold is the minimum number of citations obtained by ranking papers in a research field in descending order by citation count and then selecting the top fraction or percentage of papers.

The **ESI Threshold** reveals the number of citations received by the top 1% of authors and institutions and the top 50% of countries and journals in a 10-year period.

	RESEARCH FIELDS	AUTHOR	INSTITUTION	JOURNAL	COUNTRY
ESI Thresholds	AGRICULTURAL SCIENCES	430	2,151	1,950	1,053
	BIOLOGY & BIOCHEMISTRY	945	6,292	7,190	831
Highly Cited Thresholds	CHEMISTRY	1,943	7,806	6,308	1,719
	CLINICAL MEDICINE	2,021	2,381	5,141	10,536
Hot Paper Thresholds	COMPUTER SCIENCE	350	3,069	1,450	408
	ECONOMICS & BUSINESS	386	4,035	1,444	255
	ENGINEERING	571	2,370	2,533	1,235
	ENVIRONMENT/ECOLOGY	788	4,057	3,335	2,326
	GEOSCIENCES	1,184	5,950	2,546	1,339
	IMMUNOLOGY	952	4,950	8,293	2,159
	MATERIALS SCIENCE	1,357	5,484	2,583	1,046
	MATHEMATICS	326	4,199	1,604	395
	MICROBIOLOGY	687	5,218	3,571	1,182
	MOLECULAR BIOLOGY & GENETICS	2,435	13,378	7,346	1,909
	MULTIDISCIPLINARY	521	2,589	132	253
	NEUROSCIENCE & BEHAVIOR	1,283	6,243	8,140	556
	PHARMACOLOGY & TOXICOLOGY	554	3,361	5,672	942
PHYSICS	9,460	18,902	4,637	1,824	

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Indicators | Field Baselines | **Citation Thresholds**

**Artículos más relevantes por "grandes áreas"**

**Citation Thresholds**

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Indicators Field Baselines **Citation Thresholds**

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**50% más relevante** → ESI Thresholds

RESEARCH FIELDS	AUTHOR	INSTITUTION	JOURNAL	COUNTRY
AGRICULTURAL SCIENCES	439	2,151	1,950	1,053
BIOLOGY & BIOCHEMISTRY	945	6,292	7,190	831
CHEMISTRY	1,943	7,806	6,308	1,719
CLINICAL MEDICINE	2,021	2,381	5,141	10,536
COMPUTER SCIENCE	350	3,069	1,450	408
ECONOMICS & BUSINESS	386	4,035	1,444	255
ENGINEERING	571	2,370	2,533	1,235
ENVIRONMENT/ECOLOGY	788	4,057	3,335	2,326
GEOSCIENCES	1,184	5,950	2,546	1,339
IMMUNOLOGY	952	4,950	8,293	2,159
MATERIALS SCIENCE	1,357	5,484	2,583	1,046
MATHEMATICS	326	4,199	1,604	395
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Indicators Field Baselines **Citation Thresholds**

**Citation Thresholds**

A citation threshold is the minimum number of citations obtained by ranking papers in a research field in descending order by citation count and then selecting the top fraction or percentage of papers.

The **Highly Cited Threshold** reveals the minimum number of citations received by the top 1% of papers from each of 10 database years.

**1% más relevante** → Highly Cited Thresholds

RESEARCH FIELDS	2008	2009	2010	2011	2012	2013	2014	2015	2016
AGRICULTURAL SCIENCES	132	110	110	89	75	63	50	37	
BIOLOGY & BIOCHEMISTRY	263	240	210	177	151	124	96	69	
CHEMISTRY	213	201	197	188	164	138	115	86	
CLINICAL MEDICINE	218	197	178	152	128	106	83	64	
COMPUTER SCIENCE	122	104	102	91	75	70	60	45	
ECONOMICS & BUSINESS	173	147	137	109	87	66	49	33	
ENGINEERING	116	115	107	93	78	68	56	43	
ENVIRONMENT/ECOLOGY	239	209	187	158	138	106	82	58	
GEOSCIENCES	193	181	150	139	118	98	72	51	
IMMUNOLOGY	325	299	258	212	180	153	124	84	
MATERIALS SCIENCE	193	193	196	173	157	131	111	84	
MATHEMATICS	77	68	66	52	44	34	27	21	
MICROBIOLOGY	231	213	193	148	141	114	87	63	
MOLECULAR BIOLOGY & GENETICS	486	436	387	335	273	219	165	113	
MULTIDISCIPLINARY	457	407	501	425	196	215	151	100	
NEUROSCIENCE & BEHAVIOR	279	255	229	182	157	126	96	67	
PHARMACOLOGY & TOXICOLOGY	204	173	150	128	109	92	71	50	
NEUROSCIENCE & BEHAVIOR	1,283	6,243	8,140	556					
PHARMACOLOGY & TOXICOLOGY	554	3,361	5,672	942					
PHYSICS	9,460	18,902	4,637	1,824					

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Citation Thresholds

A citation threshold is the minimum number of citations obtained by ranking papers in a research field in descending order by citation count and then selecting the top fraction or percentage of papers.

The Hot Papers Threshold reveals the minimum number of citations received during the most recent two-month period by the top 0.1% of papers from the past two years.

RESEARCH FIELDS	2016-5	2016-6	2017-1	2017-2	2017-3	2017-4	20
AGRICULTURAL SCIENCES	5	6	5	6	6	5	
BIOLOGY & BIOCHEMISTRY	12	9	14	12	10	11	
CHEMISTRY	17	17	14	15	16	16	
CLINICAL MEDICINE	14	13	11	12	11	14	
COMPUTER SCIENCE	8	8	10	9	7	7	
ECONOMICS & BUSINESS	5	5	4	5	6	5	
ENGINEERING	9	7	8	7	8	8	
ENVIRONMENT/ECOLOGY	10	10	8	9	10	9	
GEOSCIENCES	8	11	8	7	7	8	
IMMUNOLOGY	19	11	11	11	11	15	
MATERIALS SCIENCE	16	15	18	17	16	15	
MATHEMATICS	5	4	4	4	4	6	
MICROBIOLOGY	15	9	10	14	11	11	
MOLECULAR BIOLOGY & GENETICS	20	14	15	19	21	14	
MULTIDISCIPLINARY	11	9	10	7	18	25	
NEUROSCIENCE & BEHAVIOR	10	11	10	11	10	8	
PHARMACOLOGY & TOXICOLOGY	10	9	7	8	7	8	
PHARMACOLOGY & TOXICOLOGY	204	173	150	128	109	92	71
PHYSICS	9,460		18,902				1,824



0,1% más relevante de los 2 últimos años

Citation Thresholds

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BIOLOGY & BIOCHEMISTRY	12	9	14	12	10	11	
CHEMISTRY	17	17	14	15	16	16	
CLINICAL MEDICINE	14	13	11	12	11	14	
COMPUTER SCIENCE	8	8	10	9	7	7	
ECONOMICS & BUSINESS	5	5	4	5	6	5	
ENGINEERING	9	7	8	7	8	8	
ENVIRONMENT/ECOLOGY	10	10	8	9	10	9	
GEOSCIENCES	8	11	8	7	7	8	
IMMUNOLOGY	19	11	11	11	11	15	
MATERIALS SCIENCE	16	15	18	17	16	15	
MATHEMATICS	5	4	4	4	4	6	
MICROBIOLOGY	15	9	10	14	11	11	
MOLECULAR BIOLOGY & GENETICS	20	14	15	19	21	14	
MULTIDISCIPLINARY	11	9	10	7	18	25	
NEUROSCIENCE & BEHAVIOR	10	11	10	11	10	8	



Siempre que aparezca el símbolo ...

**Citation Thresholds**  
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	CLINICAL MEDICINE	14	13	11	12	11	14	
Hot Paper Thresholds	COMPUTER SCIENCE	8	8	10	9	7	7	
	ECONOMICS & BUSINESS	5	5	4	5	6	5	
	ENGINEERING	9	7	8	7	8	8	
	ENVIRONMENT/ECOLOGY	10	10	8	9	10	9	
	GEOSCIENCES	8	11	8	7	7	8	
	IMMUNOLOGY	19	11	11	11	11	15	
	MATERIALS SCIENCE	16	15	18	17	16	15	
	MATHEMATICS	5	4	4	4	4	6	
	MICROBIOLOGY	15	9	10	14	11	11	
	MOLECULAR BIOLOGY & GENETICS	20	14	15	19	21	14	
MULTIDISCIPLINARY	11	9	10	7	18	25		
NEUROSCIENCE & BEHAVIOR	10	11	10	11	10	8		

**Field Baselines**  
Baselines are annualized expected citation rates for papers in a research field.

Field Rankings provide 10-year citation rates and aggregate counts of highly cited papers.

	RESEARCH FIELDS	No. OF PAPERS	No. OF CITATIONS	CITATIONS PER PAPER	HIGHLY
Citation Rates	AGRICULTURAL SCIENCES	471,618	4,965,037	10.53	
	BIOLOGY & BIOCHEMISTRY	777,295	13,684,288	17.61	
Percentiles	CHEMISTRY	1,831,046	29,739,030	16.24	
	CLINICAL MEDICINE	2,988,813	40,146,425	13.43	
Field Rankings	COMPUTER SCIENCE	425,389	3,840,967	9.03	
	ECONOMICS & BUSINESS	306,482	3,040,264	9.92	
	ENGINEERING	1,566,939	15,531,877	9.91	
	ENVIRONMENT/ECOLOGY	623,360	8,522,525	13.67	
	GEOSCIENCES	515,662	7,081,710	13.73	
	IMMUNOLOGY	274,645	5,275,865	19.21	
	MATERIALS SCIENCE	1,029,879	17,188,957	16.69	
	MATHEMATICS	461,709	2,193,836	4.75	
	MICROBIOLOGY	225,609	3,682,697	16.32	
	MOLECULAR BIOLOGY & GENETICS	503,796	12,102,028	24.02	
MULTIDISCIPLINARY	24,283	451,773	18.60		



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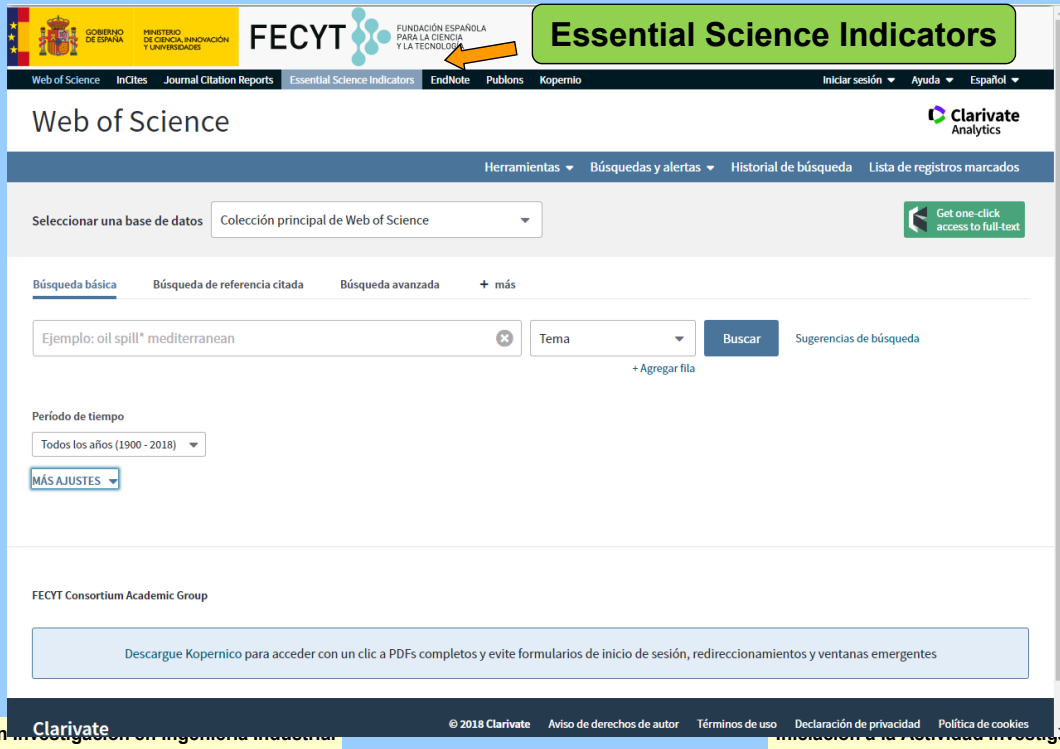
RESEARCH FIELDS	No. OF PAPERS	No. OF CITATIONS
AGRICULTURAL SCIENCES	471,618	4,965.0
BIOLOGY & BIOCHEMISTRY	777,295	13,864.2
CHEMISTRY	1,831,046	29,739.0
CLINICAL MEDICINE	2,988,913	40,146.4
COMPUTER SCIENCE	425,389	3,840.9
ECONOMICS & BUSINESS	306,482	3,040.2
ENGINEERING	1,568,939	15,531.8
ENVIRONMENT/ECOLOGY	623,360	8,522.5
GEOSCIENCES	515,662	7,081.7
IMMUNOLOGY	274,645	5,275.8
MATERIALS SCIENCE	1,029,879	17,188.9
MATHEMATICS	461,709	2,193.8
MICROBIOLOGY	225,609	3,682.6
MOLECULAR BIOLOGY & GENETICS	503,796	12,102.0
MULTIDISCIPLINARY	24,283	451.7
NEUROSCIENCE & BEHAVIOR	539,666	9,901.5
PHARMACOLOGY & TOXICOLOGY	442,237	5,869.7
PHYSICS	1,090,555	13,067.6
PLANT & ANIMAL SCIENCE	780,909	7,834.6
PSYCHIATRY/PSYCHOLOGY	459,271	5,850.5
SOCIAL SCIENCES, GENERAL	1,046,801	8,270.2
SPACE SCIENCE	193,291	2,853.9

RESEARCH FIELDS	No. OF PAPERS	No. OF CITATIONS	CITATIONS PER PAPER	HIGHLY CITED PAPERS
AGRICULTURAL SCIENCES	471618	4965037	10.53	4708
BIOLOGY & BIOCHEMISTRY	777295	13864288	17.61	7773
CHEMISTRY	1831046	29739030	16.24	18223
CLINICAL MEDICINE	2988913	40146425	13.43	30093
COMPUTER SCIENCE	425389	3840967	9.03	4239
ECONOMICS & BUSINESS	306482	3040264	9.92	3065
ENGINEERING	1568939	15531877	9.91	15570
ENVIRONMENT/ECOLOGY	623360	8522525	13.67	617
GEOSCIENCES	515662	7081710	13.73	5068
IMMUNOLOGY	274645	5275865	19.21	2737
MATERIALS SCIENCE	1029879	17188957	16.69	10241
MATHEMATICS	461709	2193836	4.75	4597
MICROBIOLOGY	225609	3682697	16.32	2219
MOLECULAR BIOLOGY & GENETICS	503796	12102020	24.00	4995
MULTIDISCIPLINARY	24283	451773	18.6	245
NEUROSCIENCE & BEHAVIOR	539666	9901572	18.35	5396
PHARMACOLOGY & TOXICOLOGY	442237	5869767	13.27	4404
PHYSICS	1090555	13067602	11.98	10734
PLANT & ANIMAL SCIENCE	780909	7834615	10.03	7762
PSYCHIATRY/PSYCHOLOGY	459271	5850585	12.74	4617
SOCIAL SCIENCES, GENERAL	1046801	8270227	7.9	10468
SPACE SCIENCE	193291	2853928	14.82	1540

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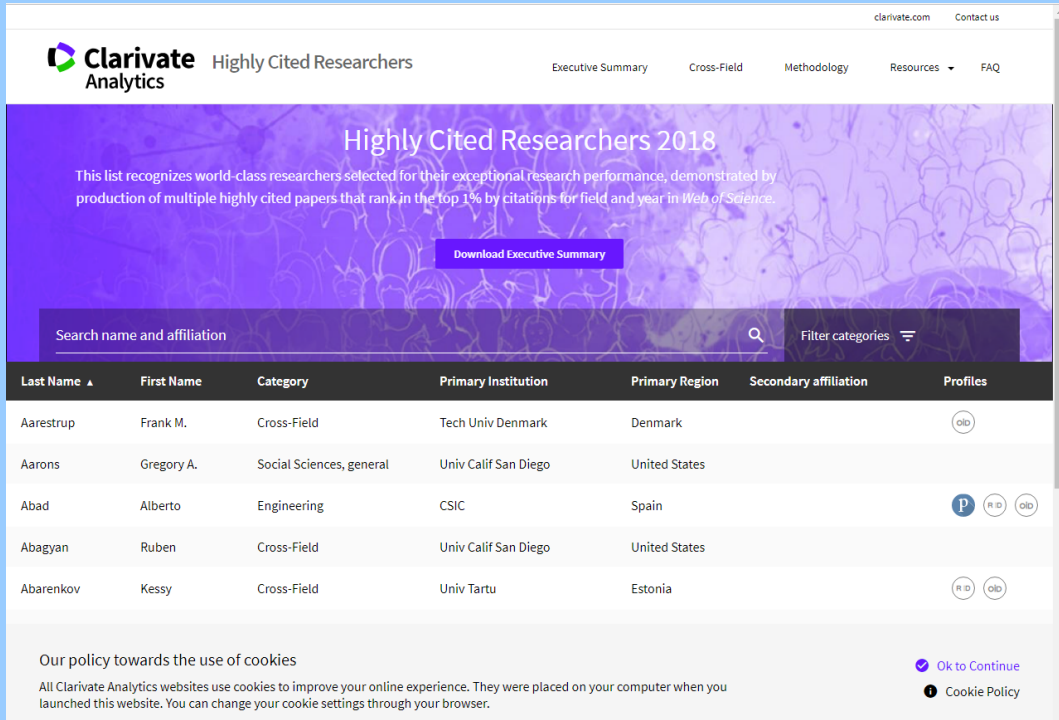
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This list recognizes world-class researchers selected for their exceptional research performance, demonstrated by production of multiple highly cited papers that rank in the top 1% by citations for field and year in *Web of Science*.

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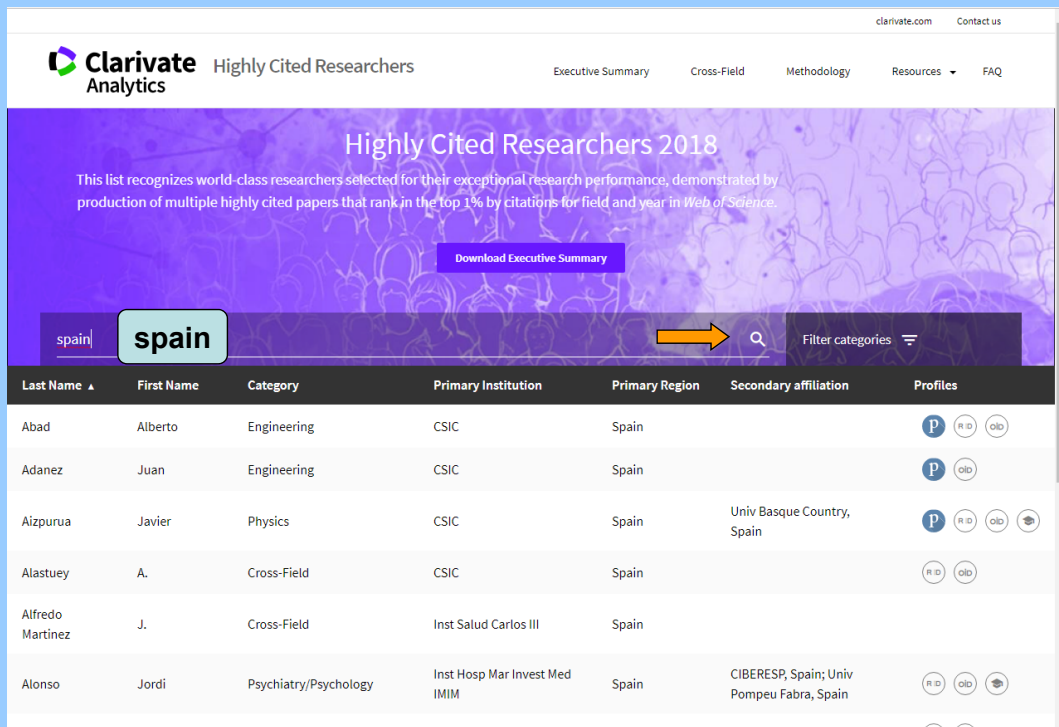
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Aarons	Gregory A.	Social Sciences, general	Univ Calif San Diego	United States		
Abad	Alberto	Engineering	CSIC	Spain		
Abagyan	Ruben	Cross-Field	Univ Calif San Diego	United States		
Abarenkov	Kessy	Cross-Field	Univ Tartu	Estonia		

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Adanez	Juan	Engineering	CSIC	Spain		
Aizpurua	Javier	Physics	CSIC	Spain	Univ Basque Country, Spain	
Alastuey	A.	Cross-Field	CSIC	Spain		
Alfredo Martinez	J.	Cross-Field	Inst Salud Carlos III	Spain		
Alonso	Jordi	Psychiatry/Psychology	Inst Hosp Mar Invest Med IMIM	Spain	CIBERESP, Spain; Univ Pompeu Fabra, Spain	
Alonso	S.	Cross-Field	Univ Granada	Spain		

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<input type="checkbox"/>	4	European Journal of Psychology Applied to Legal Context	165	3.524	0
<input type="checkbox"/>	5	JOURNAL OF INVESTIGATIONAL ALLERGOLOGY AND CLINICAL IMMUNOLOGY	2,090	3.457	0.00200
<input type="checkbox"/>	6	Comunicar	975	2.838	0.00100
<input type="checkbox"/>	7	AIDS REVIEWS	651	2.775	0.00100
<input type="checkbox"/>	8	ARCHIVOS DE BRONCONEUMOLOGIA	1,775	2.633	0.00300

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Impact Factor Range

Average JIF Percentile Range

Clear Submit

<input type="checkbox"/>	3	Emergencias	794	3.608	0.00100
<input type="checkbox"/>	4	European Journal of Psychology Applied to Legal Context	165	3.524	0
<input type="checkbox"/>	5	JOURNAL OF INVESTIGATIONAL ALLERGOLOGY AND CLINICAL IMMUNOLOGY	2,090	3.457	0.00200
<input type="checkbox"/>	6	Comunicar	975	2.838	0.00100
<input type="checkbox"/>	7	AIDS REVIEWS	651	2.775	0.00100
<input type="checkbox"/>	8	ARCHIVOS DE BRONCONEUMOLOGIA	1,775	2.633	0.00300

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Compare Journals

View Title Changes

Select Journals

Select Categories

Select JCR Year

2017

Select Edition

SCIE  SSCI

Open Access

Open Access

Category Schema

Web of Science

Journals By Rank Categories By Rank

Journal Titles Ranked by Impact Factor

Compare Selected Journals Add Journals to New or Existing List Customize Indicators

Select All	Full Journal Title	Total Cites	Journal Impact Factor	Eigenfactor Score
<input type="checkbox"/>	1 REVISTA ESPAÑOLA DE CARDIOLOGIA	3,338	5.166	0.00500
<input type="checkbox"/>	2 International Journal of Clinical and Health Psychology	917	3.900	0.00100
<input type="checkbox"/>	3 Emergencias	794	3.608	0.00100
<input type="checkbox"/>	4 European Journal of Psychology Applied to Legal Context	165	3.524	0
<input type="checkbox"/>	5 JOURNAL OF INVESTIGATIONAL ALLERGOLOGY AND CLINICAL IMMUNOLOGY	2,090	3.457	0.00200
<input type="checkbox"/>	6 Comunicar	975	2.838	0.00100
<input type="checkbox"/>	7 AIDS REVIEWS	651	2.775	0.00100
<input type="checkbox"/>	8 ARCHIVOS DE BRONCONEUMOLOGIA	1,775	2.633	0.00300



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Select Journals

Select Categories

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JIF Quartile

Select Publisher

Journals By Rank

Categories By Rank

Journal Titles Ranked by Impact Factor

Compare Selected Journals Add Journals to New or Existing List Customize Indicators

Select All	Full Journal Title	Total Cites	Journal Impact Factor	Eigenfactor Score
<input type="checkbox"/>	120 DRUGS OF THE FUTURE	360	0.141	0
<input type="checkbox"/>	121 Hacienda Publica Espanola-Review of Public Economics	153	0.140	0
<input type="checkbox"/>	122 Circulo de Linguística Aplicada a la Comunicación	66	0.131	0
<input type="checkbox"/>	123 Revista de Economía Aplicada	78	0.097	0
<input type="checkbox"/>	124 Revista Internacional de Andrología	39	0.096	0
<input type="checkbox"/>	125 Sintagma	13	0.083	0
<input type="checkbox"/>	126 Atlantis-Journal of the Spanish Association of Anglo-American Studies	70	0.075	0
<input type="checkbox"/>	127 Endocrinología Diabetes y Nutrición	10	Not Ava...	0

2017

127

Select All	Full Journal Title	Total Cites	Journal Impact Factor	Eigenfactor Score
<input type="checkbox"/>	5 JOURNAL OF INVESTIGATIONAL ALLERGOLOGY AND CLINICAL IMMUNOLOGY	2,090	3.457	0.00200
<input type="checkbox"/>	6 Comunicar	975	2.838	0.00100
<input type="checkbox"/>	7 AIDS REVIEWS	651	2.775	0.00100
<input type="checkbox"/>	8 ARCHIVOS DE BRONCONEUMOLOGIA	1,775	2.633	0.00300

Master en Investigación en Ingeniería Industrial

Iniciación a la Actividad Investigadora

129

## Ejercicio 4:



### Búsqueda de los Top Papers de:

- Alemania
- Argentina
- Australia
- Bélgica
- Chile
- China
- Dinamarca
- Francia
- Holanda
- India
- Inglaterra
- Israel
- Italia
- Japón
- México
- Nueva Zelanda
- Uruguay
- ...

## Ejercicio 5:

### Búsqueda de revistas indexadas de:

- Alemania
- Argentina
- Australia
- Bélgica
- Chile
- China
- Dinamarca
- Francia
- Holanda
- India
- Inglaterra
- Israel
- Italia
- Japón
- México
- Nueva Zelanda
- Uruguay
- ...

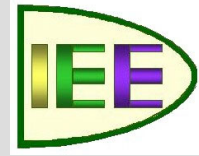
## Ejercicio 6:

### Búsqueda de percentiles en la categoría:

- Multidisciplinar / Energy and Fuels / ...
  - Threshold
  - Highly cited
  - Hot paper

Cada estudiante elige una categoría

## Ejercicio 7:



**Conjunto para todos los  
alumnos de la asignatura :**

**Proponer cambios, modificaciones y/o actualizaciones  
a la presentación**

### Por ejemplo:

- Tp 13: clicando donde indica la flecha no se llega a la Tp 14
- Tp 46: comentar mejor lo de las categorías
- Tp 98: incluir una Tp 99 proponiendo un ejercicio de búsqueda de ...

# Búsqueda de Información: Bases de Datos

**Departamento:** Ingeniería Eléctrica y Energética  
**Area:** Máquinas y Motores Térmicos

CARLOS J RENEDO [renedoc@unican.es](mailto:renedoc@unican.es)  
Despachos: ETSN 236 / ETSIIT S-3 28  
<http://personales.unican.es/renedoc/index.htm>  
Tlfn: ETSN 942 20 13 44 / ETSIIT 942 20 13 82

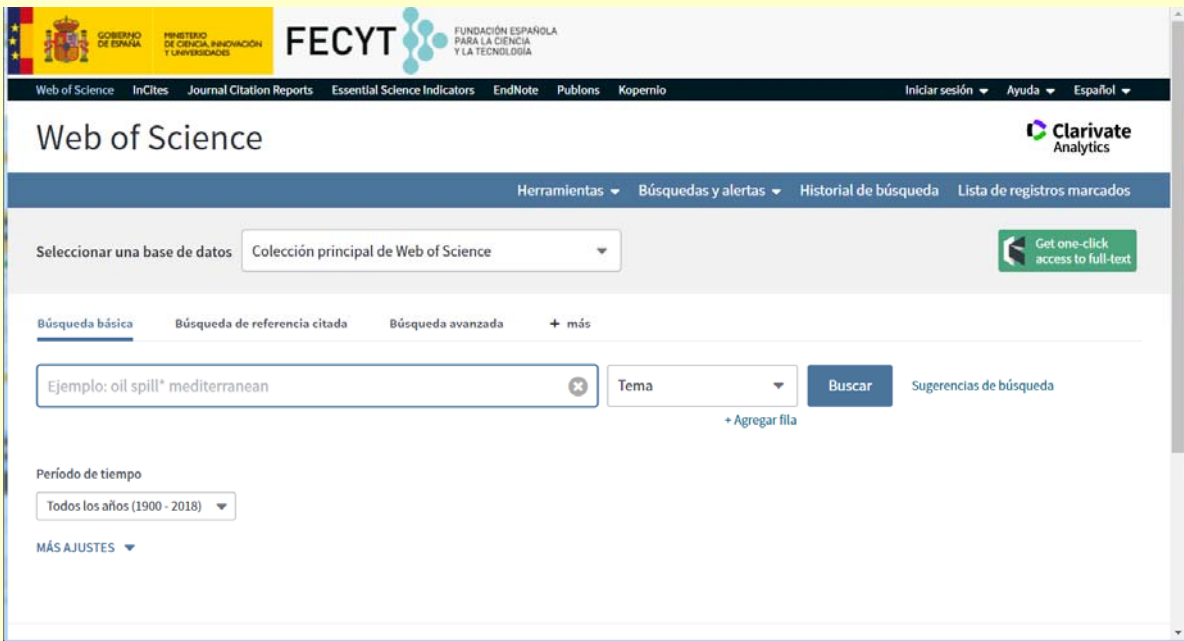
1

# Búsqueda de información: Bases de Datos

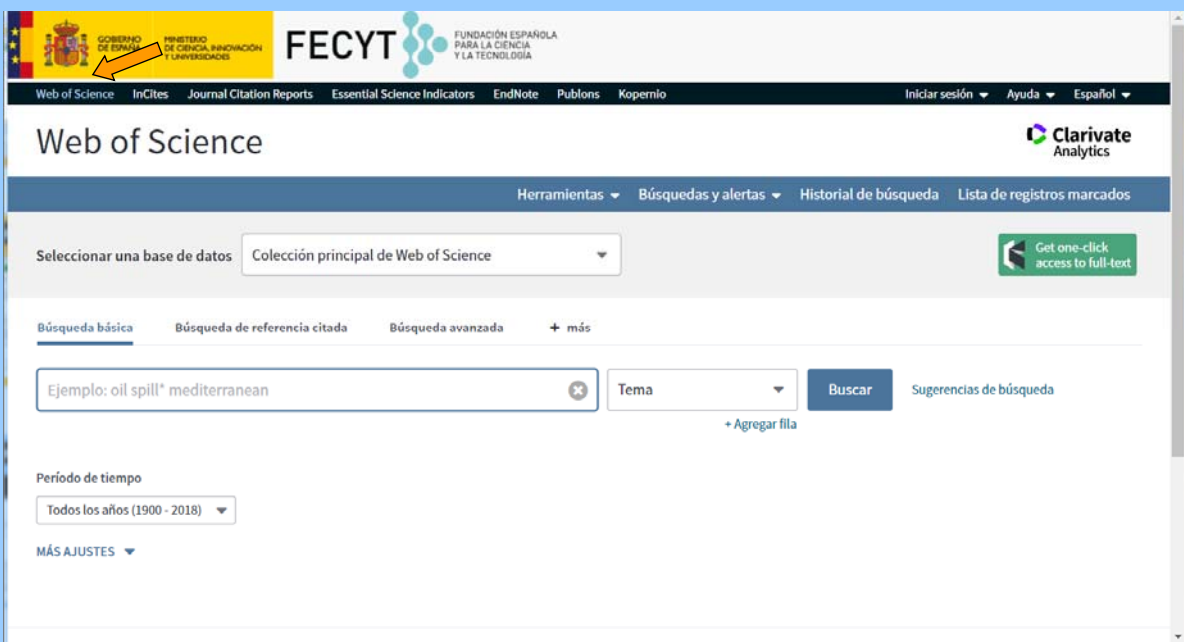
## Desde la Web de la U.C. :

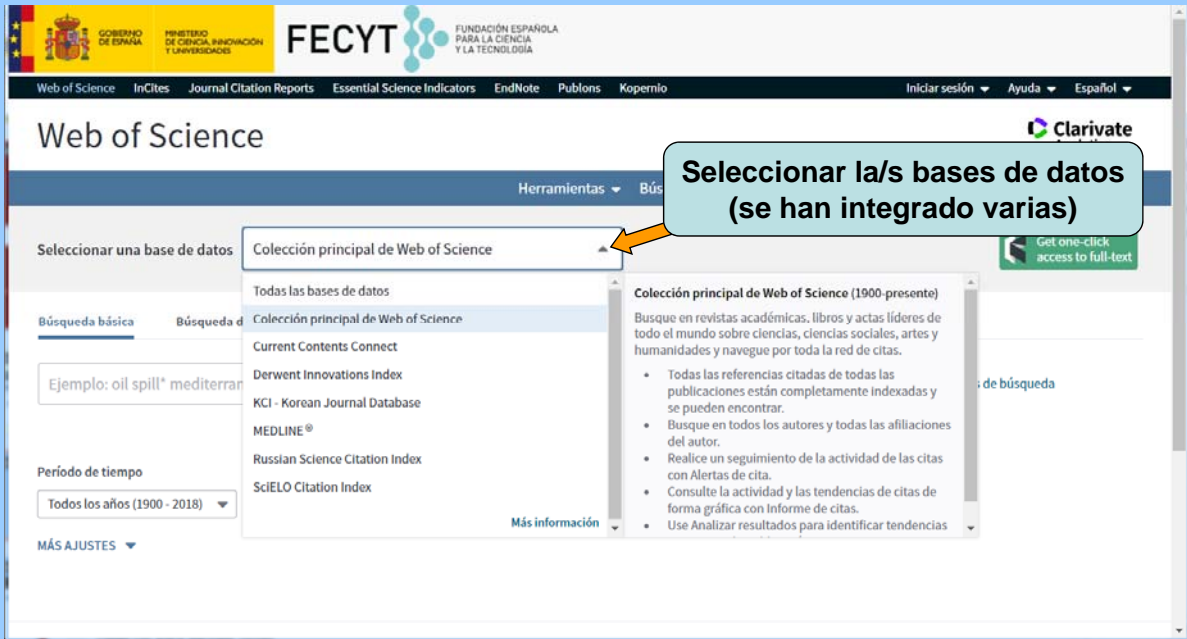
- Web of Science (Web of Knowledge, WoK) } P1 y P2
- Scopus (SciVerse) } P3
- IEEE Xplore } P4
- Revistas Electrónicas } P4
- Envío de Artículos } P5
- Plagio } P5
- Dialnet } P6
- Otras BBDD } P6
- Otros Índices de Impacto } P6

- Open Acces
- Normas UNE
- Patentes
- Proyectos Europeos
- Formación de la BUC



## Buscar de artículos de un autor





Web of Science

Herramientas Búsqueda

Seleccionar una base de datos Colección principal de Web of Science

Todas las bases de datos

- Colección principal de Web of Science
- Current Contents Connect
- Derwent Innovations Index
- KCI - Korean Journal Database
- MEDLINE®
- Russian Science Citation Index
- SciELO Citation Index

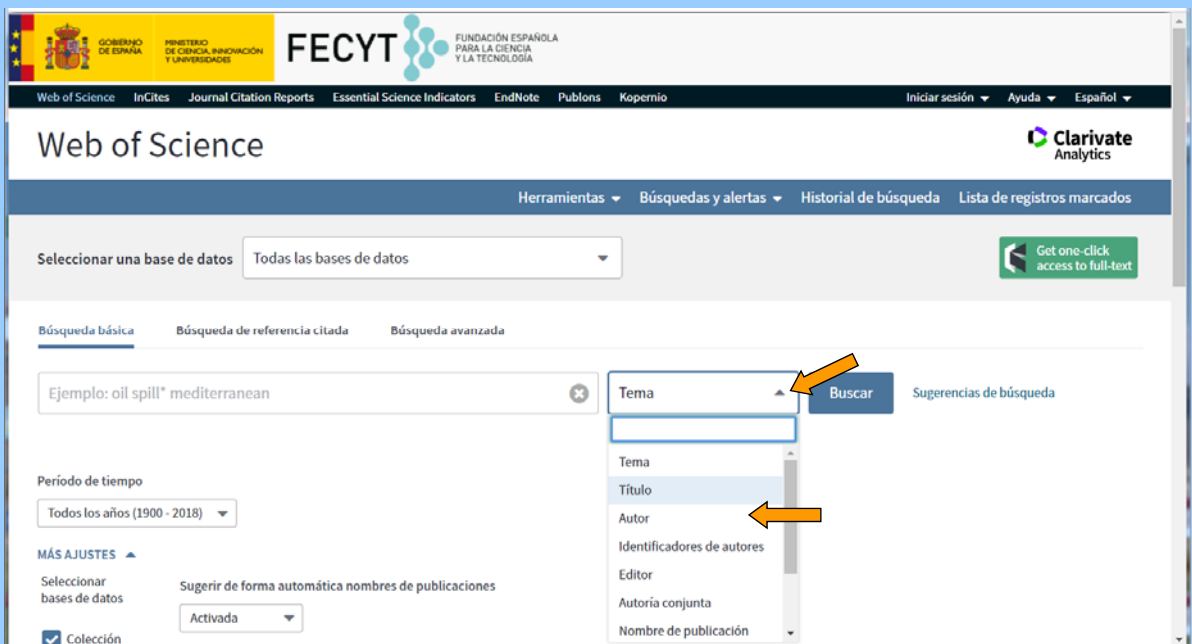
Más información

**Seleccionar la/s bases de datos (se han integrado varias)**

Colección principal de Web of Science (1900-presente)

Busque en revistas académicas, libros y actas líderes de todo el mundo sobre ciencias, ciencias sociales, artes y humanidades y navegue por toda la red de citas.

- Todas las referencias citadas de todas las publicaciones están completamente indexadas y se pueden encontrar.
- Busque en todos los autores y todas las afiliaciones del autor.
- Realice un seguimiento de la actividad de las citas con Alertas de cita.
- Consulte la actividad y las tendencias de citas de forma gráfica con Informe de citas.
- Use Analizar resultados para identificar tendencias



Web of Science

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Seleccionar una base de datos Todas las bases de datos

Búsqueda básica Búsqueda de referencia citada Búsqueda avanzada

Ejemplo: oil spill\* mediterranean

Período de tiempo Todos los años (1900 - 2018)

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Seleccionar bases de datos Sugerir de forma automática nombres de publicaciones

Colección Activada

Tema

Título

Autor

Identificadores de autores

Editor

Autoría conjunta

Nombre de publicación

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Web of Science | Clarivate Analytics

Herramientas | Búsquedas y alertas | Historial de búsqueda | Lista de registros marcados

Seleccionar una base de datos: Todas las bases de datos

Búsqueda básica | Búsqueda de referencia citada | Búsqueda avanzada

renedo c | p. ej.: renedo c | Autor | Buscar | Sugerencias de búsqueda

Período de tiempo: Todos los años (1900 - 2018)

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Seleccionar bases de datos: Activada



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Web of Science | Clarivate Analytics

Buscar | Herramientas | Búsquedas y alertas | Historial de búsqueda | Lista de registros marcados

Resultados: 57 (de Todas las bases de datos)

Buscó: AUTOR: (renedo c) ...Más

Refinar resultados

Ordenar por: Fecha | Veces citado | Conteo de uso | Relevancia | Más

1. Assessment of the Effect of Commercial Vegetal Oils on Kraft Paper Ageing through Mechanical Characterization  
Por: Fernandez-Diego, Cristina; Ortiz, Alfredo; Fernandez, Inmaculada; et ál.  
IEEE TRANSACTIONS ON DIELECTRICS AND ELECTRICAL INSULATION Volumen: 25 Número: 5 Páginas: 1880-1887 Fecha de publicación: OCT 2018

2. Evaluation of the Optimal Connection of Power Transformers in the Substations of a Hospital  
Por: Javier Renedo, Carlos; Santisteban, Agustín; Ortiz, Felix; et ál.  
ENERGIES Volumen: 11 Número: 2 Número de artículo: 419 Fecha de publicación: FEB 2018

Usar un nombre "singular" al enviar los artículos facilita la localización

FECYT FUNDACIÓN ESPAÑOLA PARA LA CIENCIA Y LA TECNOLOGÍA

2. Evaluation of the Optimal Connection of Power Transformers in the Substations of a Hospital  
Por: Javier Renedo, Carlos; Santisteban, Agustín; Ortiz, Felix; et ál.  
ENERGIES Volumen: 11 Número: 2 Número de artículo: 419 Fecha de publicación: FEB 2018

3. Biomass Losses Caused by Teratosphaeria Leaf Disease in Eucalyptus globulus Short Rotation Forestry  
Por: Perez, Severiano; Renedo, Carlos J.; Ortiz, Alfredo; et ál.  
FORESTS Volumen: 8 Número: 11 Número de artículo: 447 Fecha de publicación: NOV 2017

4. Blue lighting accelerates post-stress relaxation: Results of a preliminary study  
Por: Minguilón, Jesus; Angel Lopez-Gordo, Migue; Renedo-Criado, Diego A.; et ál.  
PLOS ONE Volumen: 12 Número: 10 Número de artículo: e0186399 Fecha de publicación: OCT 19 2017

5. Numerical Analysis of the Hot-spot Temperature of a Power Transformer with Alternative Dielectric Liquids  
Por: Santisteban, A.; Delgado, F.; Ortiz, A.; et ál.  
IEEE TRANSACTIONS ON DIELECTRICS AND ELECTRICAL INSULATION Volumen: 24 Número: 5 Páginas: 3226-3235 Fecha de publicación: OCT 2017

6. 3D thermal model and experimental validation of a low voltage three-phase busduct  
Por: Delgado, F.; Renedo, C. J.; Ortiz, A.; et ál.  
APPLIED THERMAL ENGINEERING Volumen: 110 Páginas: 1643-1652 Fecha de publicación: JAN 5 2017

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http://orcid.org/ OpenResearcherContributorID

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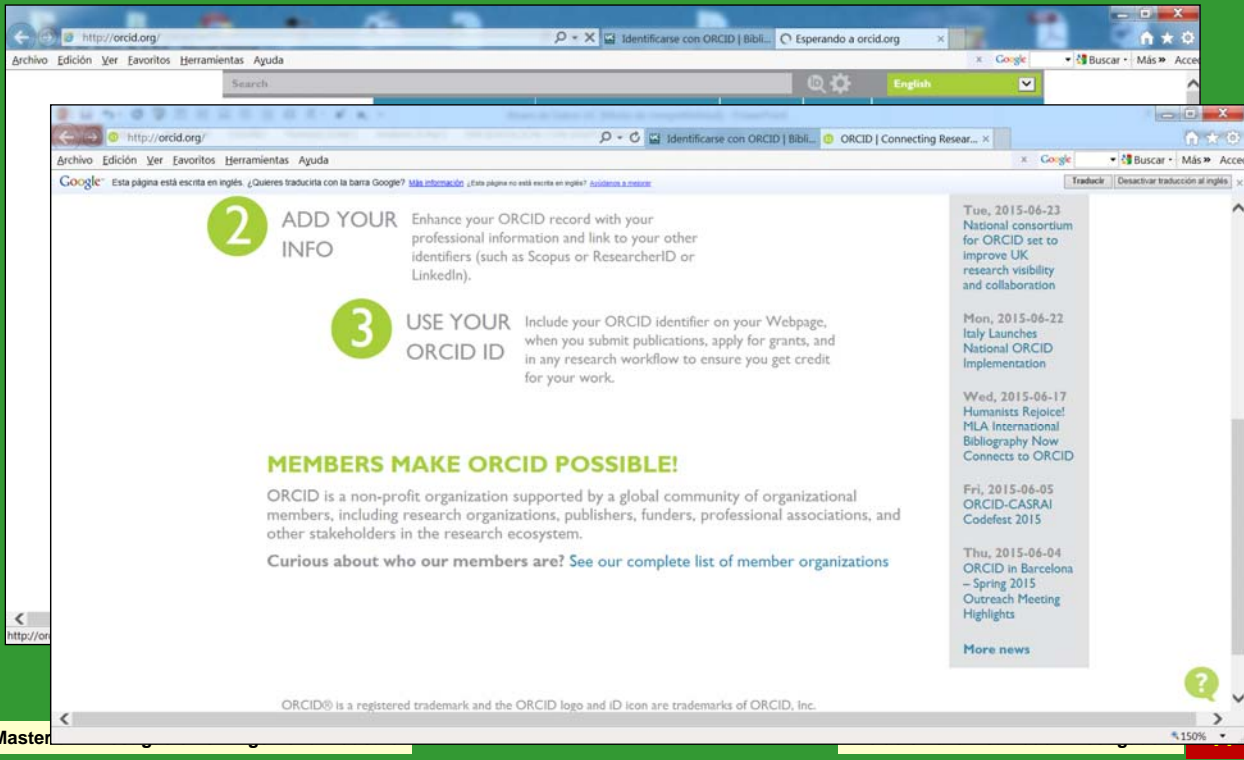
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Master

<https://web.unican.es/buc/investigacion/perfil-del-investigador>

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Son identificadores únicos que permiten gestionar la identidad profesional de cada investigador, distinguiéndolos de otros investigadores y asociando de forma inequívoca su trabajo.

Sirven para:

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- Corregir errores de identificación en nombres de autor o de institución.
- Agrupar todas las publicaciones de un mismo autor.
- Facilitar la recuperación y difusión las publicaciones.
- Aumentar la visibilidad.
- Obtener estadísticas de la producción científica y alométricas.
- Enlazar entre diferentes perfiles de autor.
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**¿Qué es el perfil de investigador?**

El perfil investigador es un perfil de Internet individual que permite mostrar tu trabajo de un modo amigable y eficiente ya que permite distinguir a responsables de trabajos científicos, evitando ambigüedades y confusiones, y facilita un enlace entre los datos personales, la producción científica y las actividades profesionales realizadas en distintos grupos de investigación o instituciones.

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Más información

#### Scopus

Author Identifier (Scopus)

A cada persona cuyos trabajos se publican en revistas incluidas en Scopus se le asigna automáticamente un número de identificación de autor personal bajo el que se agrupan todos sus publicaciones.

Más información

#### Dialnet

Código de autor Dialnet

Todos los autores de Dialnet cuentan con un identificador único, "código de autor Dialnet" y con su propia "página de autor" donde se recoge toda la información disponible en Dialnet sobre él.

Más información

#### RESEARCHERID

ResearcherID (Web of Science)

Es necesario para que el perfil de autor incorpore los datos y métricas de la Web of Science y de otras fuentes. Permite crear y gestionar un perfil profesional, construir una lista de publicaciones en línea, medir el ranking de citas, índice h, etc...

Más información

#### Google Académico

Perfil de citas en Google académico.

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WoK

- Agrupar todas las publicaciones de un mismo autor.
- Facilitar la recuperación y difusión las publicaciones.
- Aumentar la visibilidad.
- Obtener estadísticas de la producción científica y alométricas.
- Enlazar entre diferentes perfiles de autor.
- Contactar con otros investigadores afines.

- Administrar su lista de publicaciones.
- Facilita ser identificado por posibles colaboradores.
- Evitar errores de identificación.
- Realizar un rastreo de citas eficiente.
- Permite que el producto de la investigación se atribuya a la UC.
- Mejorar su perfil investigador de la UC mediante la inclusión de un enlace a otros perfiles.



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Búsqueda básica Búsqueda de referencia citada Búsqueda avanzada

renedo c

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And cantabria cantabria

Identificadores de autores Editor Autoría conjunta Nombre de publicación DOI Año de publicación Dirección Dirección

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Período de tiempo Todos los años (1900 - 2018)

MÁS AJUSTES

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Búsqueda básica Búsqueda de referencia citada Búsqueda avanzada

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Período de tiempo Todos los años (1900 - 2018)

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Web of Science

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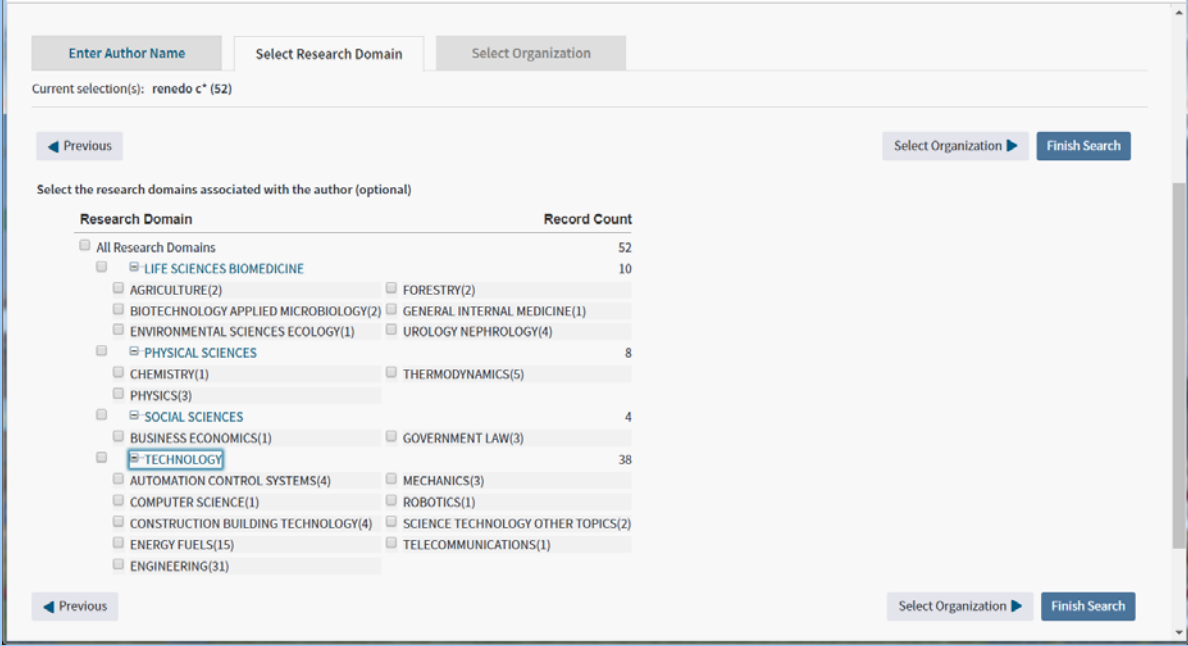
Enter Author Name    Select Research Domain    Select Organization

Current selection(s): re

Se puede limitar la búsqueda a los campos de la ciencia que se consideran en los que ha trabajado el autor

Select the research domains associated with the author (optional)

Research Domain	Record Count
<input type="checkbox"/> All Research Domains	52
<input checked="" type="checkbox"/> LIFE SCIENCES BIOMEDICINE	10
<input checked="" type="checkbox"/> PHYSICAL SCIENCES	8
<input checked="" type="checkbox"/> SOCIAL SCIENCES	4
<input checked="" type="checkbox"/> TECHNOLOGY	38



Enter Author Name    Select Research Domain    Select Organization

Current selection(s): renedo c\* (52)

Select the research domains associated with the author (optional)

Research Domain	Record Count
<input type="checkbox"/> All Research Domains	52
<input checked="" type="checkbox"/> LIFE SCIENCES BIOMEDICINE	10
<input type="checkbox"/> AGRICULTURE(2)	
<input type="checkbox"/> BIOTECHNOLOGY APPLIED MICROBIOLOGY(2)	
<input type="checkbox"/> ENVIRONMENTAL SCIENCES ECOLOGY(1)	
<input type="checkbox"/> PHYSICAL SCIENCES	8
<input type="checkbox"/> CHEMISTRY(1)	
<input type="checkbox"/> PHYSICS(3)	
<input type="checkbox"/> SOCIAL SCIENCES	4
<input type="checkbox"/> BUSINESS ECONOMICS(1)	
<input checked="" type="checkbox"/> TECHNOLOGY	38
<input type="checkbox"/> AUTOMATION CONTROL SYSTEMS(4)	
<input type="checkbox"/> COMPUTER SCIENCE(1)	
<input type="checkbox"/> CONSTRUCTION BUILDING TECHNOLOGY(4)	
<input type="checkbox"/> ENERGY FUELS(15)	
<input type="checkbox"/> ENGINEERING(31)	
<input type="checkbox"/> FORESTRY(2)	
<input type="checkbox"/> GENERAL INTERNAL MEDICINE(1)	
<input type="checkbox"/> UROLOGY NEPHROLOGY(4)	
<input type="checkbox"/> THERMODYNAMICS(5)	
<input type="checkbox"/> GOVERNMENT LAW(3)	
<input type="checkbox"/> MECHANICS(3)	
<input type="checkbox"/> ROBOTICS(1)	
<input type="checkbox"/> SCIENCE TECHNOLOGY OTHER TOPICS(2)	
<input type="checkbox"/> TELECOMMUNICATIONS(1)	

Enter Author Name | Select Research Domain | Select Organization

Current selection(s): renedo c\* (52)

◀ Previous | Select Organization ▶ | Finish Search

Select the research domains associated with the author (optional)

Research Domain	Record Count
<input type="checkbox"/> All Research Domains	52
<input type="checkbox"/> LIFE SCIENCES BIOMEDICINE	10
<input checked="" type="checkbox"/> AGRICULTURE(2)	
<input checked="" type="checkbox"/> BIOTECHNOLOGY APPLIED MICROBIOLOGY(2)	
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<input checked="" type="checkbox"/> PHYSICAL SCIENCES	8
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<input checked="" type="checkbox"/> PHYSICS(3)	
<input type="checkbox"/> SOCIAL SCIENCES	4
<input type="checkbox"/> BUSINESS ECONOMICS(1)	
<input checked="" type="checkbox"/> TECHNOLOGY	38
<input checked="" type="checkbox"/> AUTOMATION CONTROL SYSTEMS(4)	
<input checked="" type="checkbox"/> COMPUTER SCIENCE(1)	
<input checked="" type="checkbox"/> CONSTRUCTION BUILDING TECHNOLOGY(4)	
<input checked="" type="checkbox"/> ENERGY FUELS(15)	
<input checked="" type="checkbox"/> ENGINEERING(31)	
<input checked="" type="checkbox"/> FORESTRY(2)	
<input type="checkbox"/> GENERAL INTERNAL MEDICINE(1)	
<input type="checkbox"/> UROLOGY NEPHROLOGY(4)	
<input checked="" type="checkbox"/> THERMODYNAMICS(5)	
<input type="checkbox"/> GOVERNMENT LAW(3)	
<input checked="" type="checkbox"/> MECHANICS(3)	
<input checked="" type="checkbox"/> ROBOTICS(1)	
<input checked="" type="checkbox"/> SCIENCE TECHNOLOGY OTHER TOPICS(2)	
<input checked="" type="checkbox"/> TELECOMMUNICATIONS(1)	

◀ Previous | Select Organization ▶ | Finish Search

Enter Author Name | Select Research Domain | Select Organization

Current selection(s): renedo c\* (52), in TECHNOLOGY OR PHYSICAL SCIENCES OR FORESTRY OR ENVIRONMENTAL SCIENCES ECOLOGY OR AGRICULTURE OR Multidisciplinary Sciences (43)

◀ Previous | Finish Search

Select the organizations associated with the author (optional)

Move to: A B C D E F G H I J K L M N O P Q R S T U V W X Y Z 0-9

Include records that do not contain organization information

Organization Name	Abbreviation	Record Count
<input type="checkbox"/> AALTO UNIVERSITY		1
<input type="checkbox"/> BOSQUES 2000 SL GRP SNIACE		2
<input type="checkbox"/> BRUNEL UNIVERSITY		1
<input type="checkbox"/> KU LEUVEN		1
<input type="checkbox"/> NICOLO ASSOC		1
<input type="checkbox"/> SCH SPECIAL EDUC SAN RAFAEL		1
<input checked="" type="checkbox"/> UNIVERSIDAD DE CANTABRIA		42
<input type="checkbox"/> UNIVERSITY OF GRANADA		1
<b>Total records</b>		<b>43</b>

◀ Previous | Finish Search

**Refinar resultados**

Buscar en resultados de...

Filtrar resultados por:

- Acceso Abierto (3) Refinar
- Años de publicación
- Categorías de Web of Science
- Tipos de documento
- Organizaciones-Nombre preferido
- Entidades financiadoras
- Autores
- Títulos de fuentes
- Ver todas las opciones

Conteo de uso Relevancia Más

5K Guardar en EndNote online Agregar a la lista de registros marcados

**Analizar resultados**  
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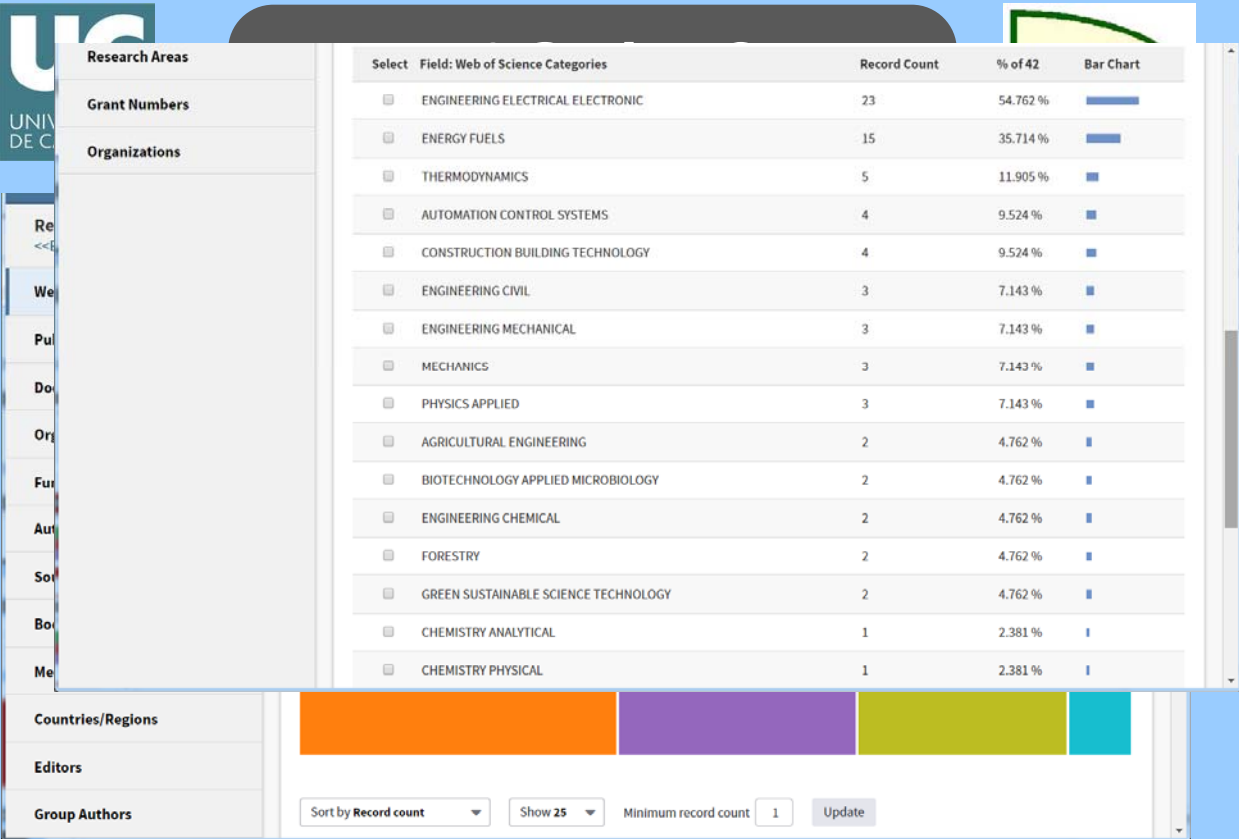
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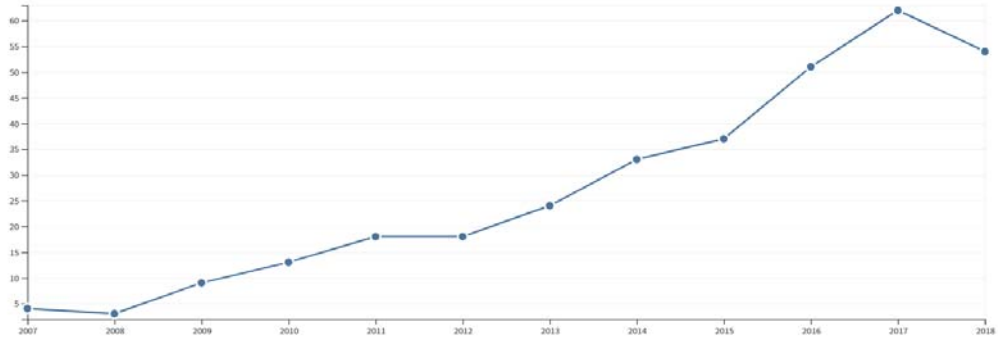
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Research Paper

**3D thermal model and experimental validation of a low voltage three-phase busduct**

F. Delgado\*, C.J. Renedo, A. Ortiz, I. Fernández, A. Santisteban

Dept. Electrical and Energy Engineering (ETSII), University of Cantabria, Santander, Spain

**HIGHLIGHTS**

- A thermal numerical model of a busbar trunking system has been developed.
- The model has been applied to different geometries with different electrical loads.
- The numerical results have been compared with experimental test data.
- The model can be employed in the first steps of the design of the busbar.

**ARTICLE INFO**

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*Keywords:*  
Busbar Trunking System (BTS)  
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Experimental validation

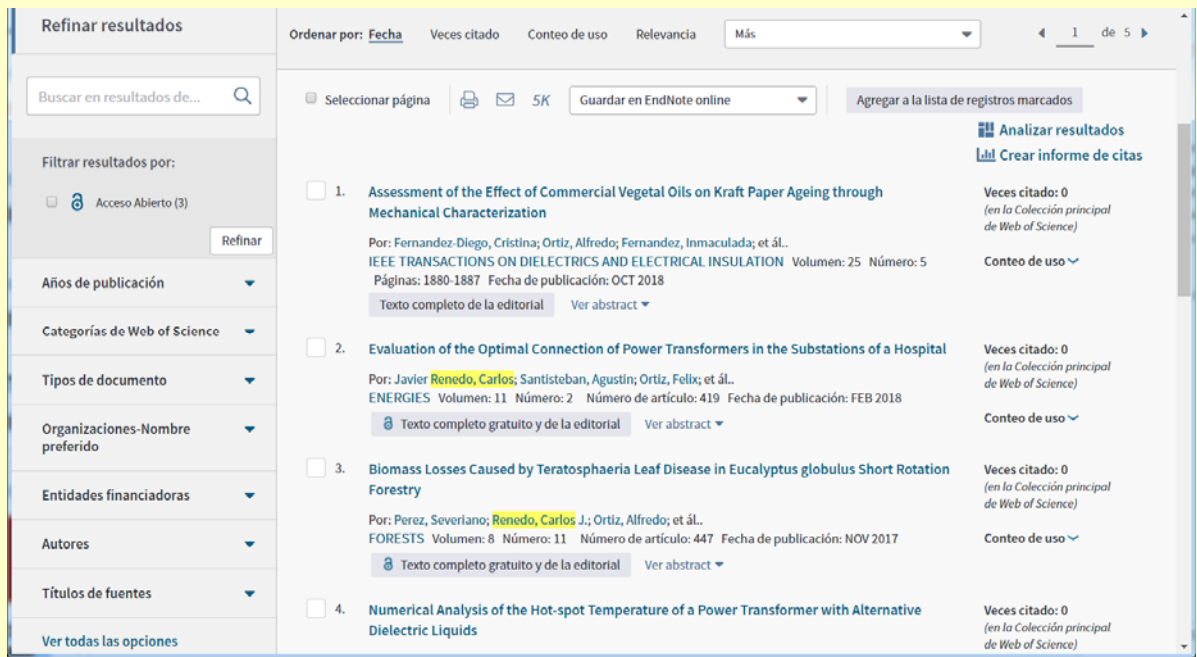
**ABSTRACT**

The thermal behavior of an industrial low voltage non-segregated three-phase busduct was analyzed by means of the comparison of a 3D numerical model with experimental results. This model has been carried

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oratory test, thus concluding no high precision was needed in the location of the temperature meters. As a final conclusion of this study, it is needed to point out that the numerical model has the enough exactness to be used in the first steps of the busbar design.

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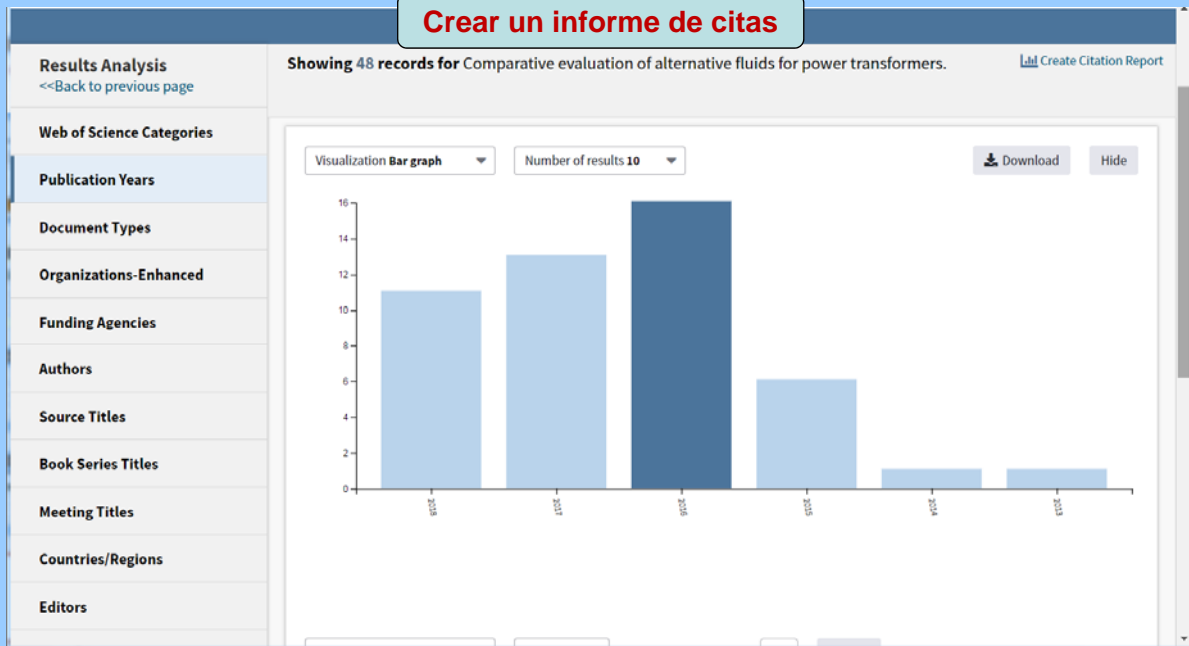
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Conteo de uso ▼

**Comparative evaluation of alternative fluids for power transformers**

Por: Fernandez, I (Fernandez, Inmaculada)<sup>[1]</sup>; Ortiz, A (Ortiz, Alfredo)<sup>[1]</sup>; Delgado, F (Delgado, Fernando)<sup>[1]</sup>; **Renedo, C (Renedo, Carlos)<sup>[1]</sup>**; Perez, S (Perez, Severiano)<sup>[1]</sup>

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**Impacto de la Revista**

**Abstract**  
 The demands on the power supply are increasing continuously, and it seems that this trend will not change in the near future. Power transformers are used in power systems where there is a transition between voltage levels. For this reason, transformers are one of the most strategic components for electric power generation, transmission and distribution. Many users prefer oil-filled transformers to the dry-type because dielectric oils cool and insulate. In this type of transformer, the combination of a solid (cellulose) and a liquid insulation (naphthenic mineral oil) is the most frequently used insulating system. Although mineral oil has been widely used, it does not meet health and current environmental laws because it is not biodegradable. In addition, mineral oil presents high fire risk, which becomes a serious problem for safety in electrical facilities. All of these drawbacks have encouraged the search for alternative fluids such as organic esters.

This work compares the main properties of alternative liquids to show their possibilities for naphthenic oil replacement. The development of dielectric fluids based on vegetable oils is also described. The advantages of these liquids over mineral oil are discussed. (C) 2013 Elsevier B.V. All rights reserved.

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Datos de la edición 2017 de Journal Citation Reports

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 ELSEVIER SCIENCE SA, PO BOX 564, 1001 LAUSANNE, SWITZERLAND  
 ISSN: 0378-7796  
 eISSN: 1873-2046

**Dominio de investigación**  
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not change in the near future. Power transformers are one of the most strategic components for electric power generation, transmission and distribution. Many users prefer oil-filled transformers to the dry-type because dielectric oils cool and insulate. In this type of transformer, the combination of a solid (cellulose) and a liquid insulation (naphthenic mineral oil) is the most frequently used insulating system. Although mineral oil has been widely used, it does not meet health and current environmental laws because it is not biodegradable. In addition, mineral oil presents high fire risk, which becomes a serious problem for safety in electrical facilities. All of these drawbacks have encouraged the search for alternative fluids such as organic esters.

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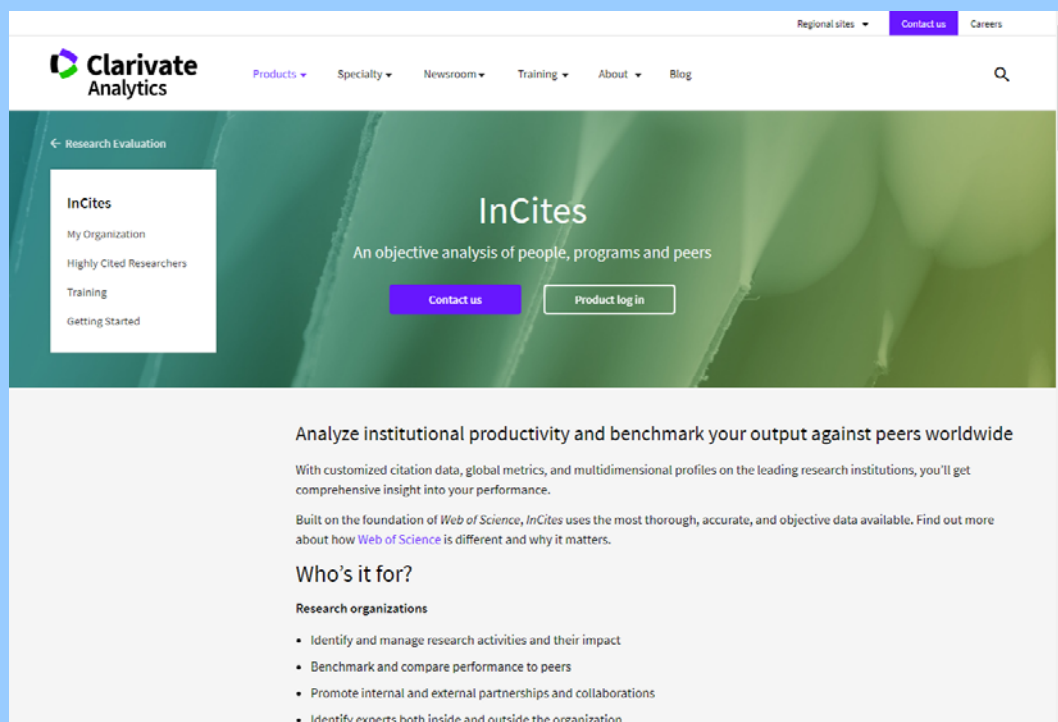
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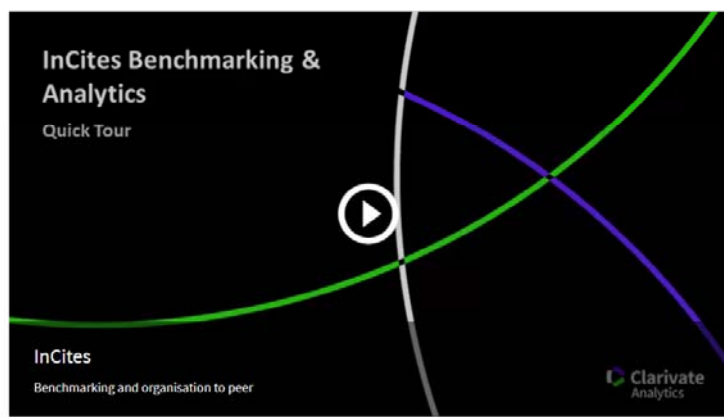
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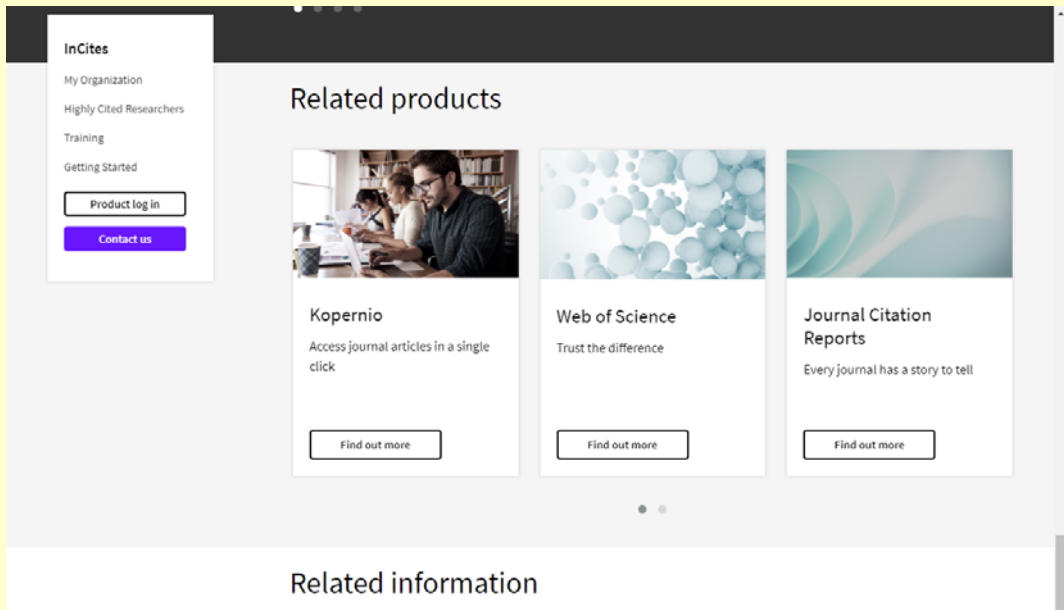
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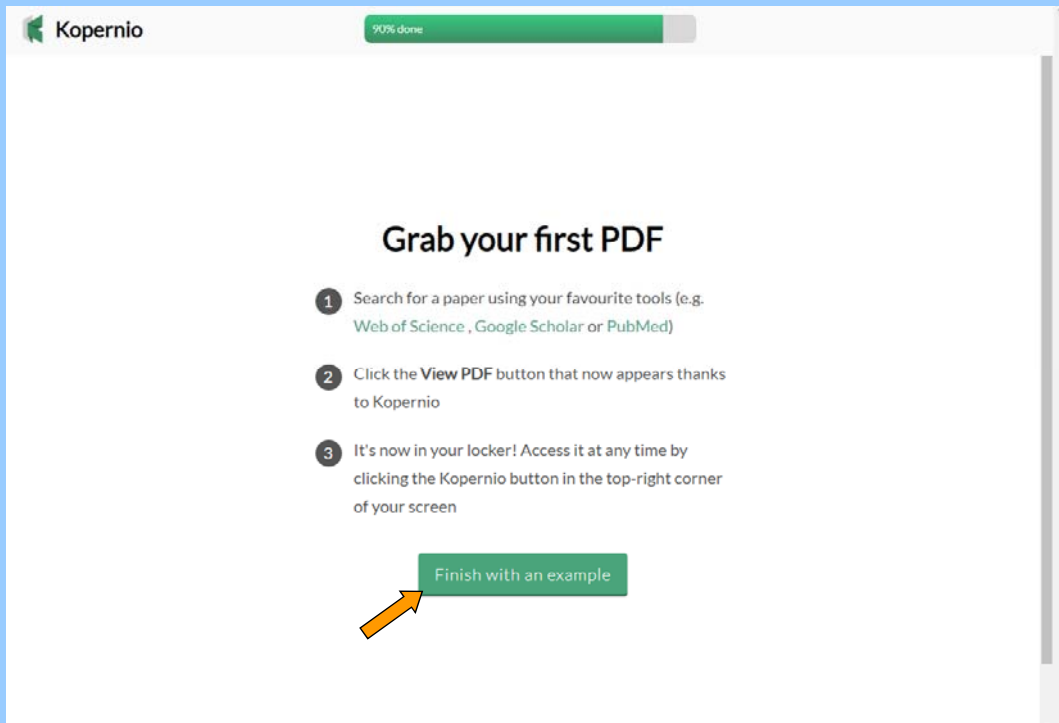
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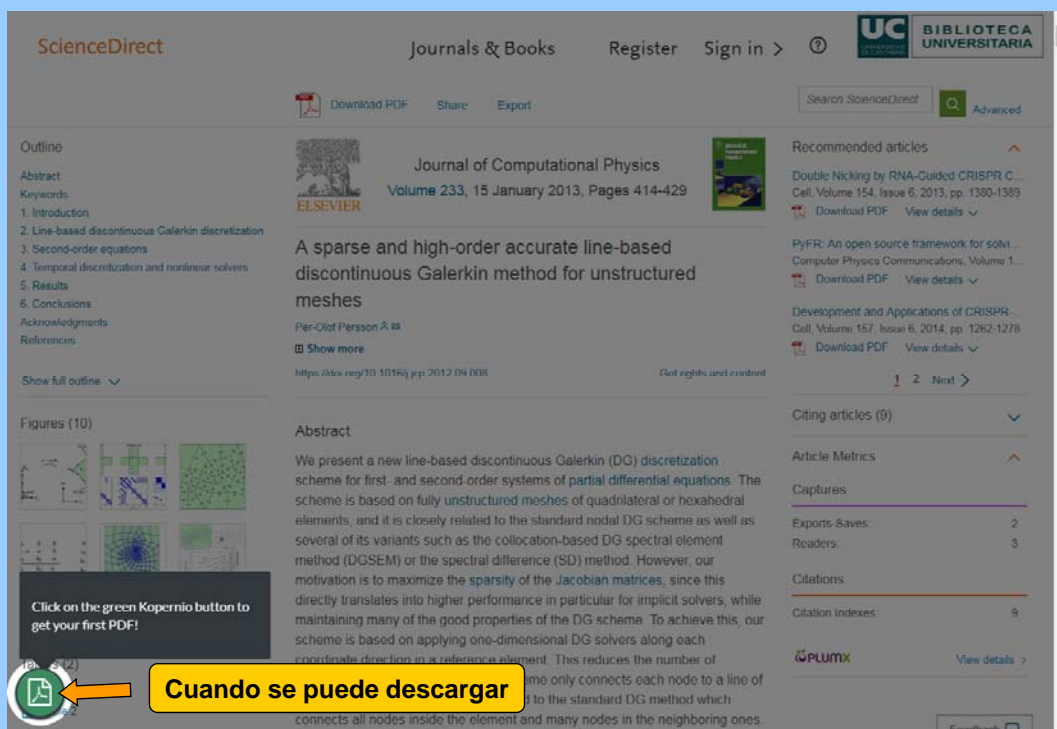


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Per-Olof Persson & ...

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Abstract

We present a new line-based discontinuous Galerkin (DG) discretization scheme for first- and second-order systems of partial differential equations. The scheme is based on fully unstructured meshes of quadrilateral or hexahedral elements, and it is closely related to the standard nodal DG scheme as well as several of its variants such as the collocation-based DG spectral element method (DGSEM) or the spectral difference (SD) method. However, our motivation is to maximize the sparsity of the Jacobian matrices, since this directly translates into higher performance in particular for implicit solvers, while maintaining many of the good properties of the DG scheme. To achieve this, our scheme is based on applying one-dimensional DG solvers along each coordinate direction in a reference element. This reduces the number of nodes only connects each node to a line of nodes in the standard DG method which connects all nodes inside the element and many nodes in the neighboring ones. The resulting scheme is similar to a collocation scheme, but it uses fully

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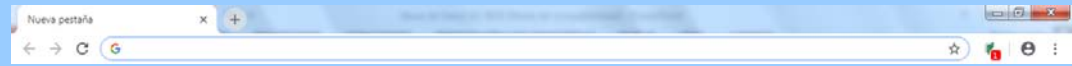
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The screenshot shows the 'Web of Science Todas las bases de datos Ayuda' (Help) page. The page title is 'Web of Science Todas las bases de datos Ayuda'. The main heading is 'Búsqueda básica' (Basic search). The text explains that successful searches are added to the 'historial de búsqueda' (search history) and that users can select up to three search fields. It also mentions that the second field is automatically set to AND. A note states that administrators can set the number of search fields to display. The page is divided into sections: 'Idioma de la interfaz' (Interface language), 'Prioridad de los operadores de búsqueda' (Search operator priority), and 'Búsqueda de referencia citada' (Cited reference search). The 'Idioma de la interfaz' section explains that the interface language is determined by the user's selection and that results are always in English. The 'Prioridad de los operadores de búsqueda' section lists the priority order: 1. NEAR/x, 2. SAME, 3. NOT, 4. AND, 5. OR. The 'Búsqueda de referencia citada' section explains that users must access the 'Colección principal de Web of Science' to perform cited reference searches.

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Sugerir de forma automática nombres de publicaciones: Activada

Idioma de búsqueda que desea usar: Seleccionar automáticamente

Número predeterminado de campos de búsqueda para mostrar: 1 campo (Tema)

(para guardarlos de forma permanente, Iniciar sesión or registrarse.)

AVISO: La normalización en las bases de datos para las siguientes bases de datos: Electrical and Electronic Section; Derwent Chemistry Resource; Clinical Medicine (CM); Social & Behavioral Sciences (SBS); Arts & Humanities (AH); Agriculture, Biology & Environmental

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# Web of Science



UC Biblioteca Universitaria

Conócenos Servicios Recursos de Información Aprendizaje Investigación Ayuda

Biblioteca de la Universidad de Cantabria > Recursos > Bases de Datos

**Web of Science** Fecha: 1900

Dirección de acceso: <http://wos.fecyt.es/>

Plataforma de acceso a bases de datos de información científica muy relevantes para la difusión y evaluación de la investigación: **Web of Science Core Collection, Medline, Journal Citation Reports, Essential Science Indicators, etc.**

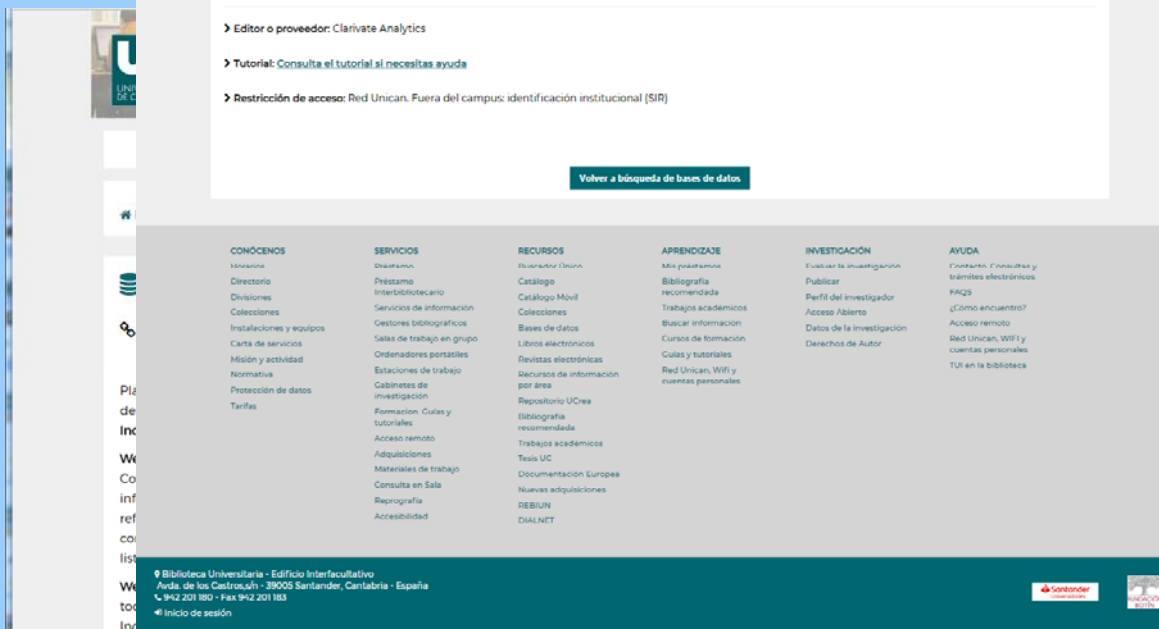
**Web of Science** permite hacer búsquedas bibliográficas simultáneas ("All databases") en la Core Collection, Medline, etc. o rastreos más especializados en cada una de ellas. Además de una completa información bibliográfica facilita análisis, informes y mapas sobre citas de los artículos, autores y grupos de referencias. Dispone de diversas herramientas para rastrear el contenido de las bases de datos: índices, consulta booleana, enlaces a texto completo, exportación de resultados, alertas y servicios personalizados, listas individuales de revistas, sistema de identificación de investigadores (ResearcherID), etc.

**Web of Science Core Collection** recoge referencias de unas 10.000 revistas y publicaciones especializadas en todas las disciplinas desde hace varias décadas en varias bases de datos: principalmente: Science Citation Index Expanded (desde 1900), Social Science Citation Index (desde 1956), Art & Humanities Citation Index (desde 1975), Conference Proceedings Citation Index (Science and Social Science & Humanities desde 1990), Emerging Sources Citation Index (desde 2015), Current Chemical Reactions (desde 1986) e Index Chemicus (desde 1993). En conjunto se trata de una fuente de información selectiva, centrada en la ciencia en sentido estricto publicada en revistas y congresos, de ámbito internacional y en idioma inglés. Para usar la Core Collection, despliegue el menú de recursos y selecciónela.

**Materias:**

- General
- Ciencias Sociales y Humanidades
- Ciencia y Tecnología
- Biociencias

# Web of Science



Essential Science Indicators proporciona indicadores de interés para la evaluación de la investigación por instituciones, áreas temáticas, países, científicos destacados, etc. en los últimos diez años. Pulse en la parte superior de la pantalla.

Los miembros de la UC pueden acceder desde fuera del campus a la plataforma Web of Science a través del servicio de ACCESO REMOTO (menú principal del sitio web de la BUC).

- Editor o proveedor: Clarivate Analytics
- Tutorial: [Consulta el tutorial si necesitas ayuda](#)
- Restricción de acceso: Red Unican. Fuera del campus: identificación institucional (SIR)

[Volver a búsqueda de bases de datos](#)

CONOCEROS	SERVICIOS	RECURSOS	APRENDIZAJE	INVESTIGACION	AYUDA
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Avenida de los Castros, s/n - 39005 Santander, Cantabria - España  
T: 942 201 180 - Fax 942 201 183  
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Base de Datos	Nombre del Curso	Nivel	Tipología	Presentación	Ejercicios	Vídeo
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WOS	Canal de vídeos de formación de Clarivate Analytics	N/P	Online	No procede	N/P	Ver vídeo
WOS	Acceso a las nuevas versiones de JCR y ESI por "Sign in"	N/P	Online/Presencial	No procede	N/P	Ver vídeo
WOS	Novedades en la Web of Science (septiembre 2018)	Avanzado	Online	Descarga	N/P	Ver vídeo
WOS	Gestor de referencias Endnote-online (septiembre 2018)	Avanzado	Online	Descarga	N/P	Ver vídeo
WOS	¡Nuevo! Journal Citation Reports con datos 2017 (septiembre 2018)	Avanzado	Online	Descarga	N/P	Ver vídeo
WOS	Buscar la producción científica de autores y la evaluación con métricos de citas (febrero 2018)	Avanzado	Online	Descarga	Descarga	Ver vídeo
WOS	La evaluación de revistas con métricos en Journal Citation Reports (febrero 2018)	Avanzado	Online	Descarga	Descarga	Ver vídeo

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WOS	Buscar la producción científica de autores y la evaluación con métricos de citas (febrero 2018)	Avanzado	Online	Descarga	Descarga	Ver vídeo
WOS	La evaluación de revistas con métricos en Journal Citation Reports (febrero 2018)	Avanzado	Online	Descarga	Descarga	Ver vídeo
WOS	Identificar lo más citado de WOS con Essential Science Indicators (septiembre 2018)	Avanzado	Online	Descarga	Próximamente	Ver vídeo
WOS	Nivel básico: Unificación de firmas de autores, solicitar una corrección de artículo y firma de organizaciones (septiembre 2018)	Básico	Online	Descarga	Próximamente	Ver vídeo
WOS	Introducción a los API de WOS (Web Services)		Online	Descarga	N/P	Ver vídeo
WOS	Modulo de administradores de FECYT y de RID.com (sólo administradores)	Avanzado	Online/Presencial	Descarga Descarga	N/P	N/P
WOS	Nivel Básico Web Of Science - noviembre 2018	Básico	Presencial	Descarga	Descarga	N/P
WOS	Nivel Medio Web Of Science - noviembre 2018	Medio	Presencial	Descarga	Descarga	N/P
WOS	Nivel Avanzado Web Of Science - noviembre 2018	Avanzado	Presencial	Descarga	Descarga	N/P
WOS	Nivel Avanzado Web Of Science (producción científica de autores - marzo 2018)	Avanzado	Presencial	Descarga	Descarga	N/P
WOS	Journal Citation Report (nueva herramienta) agosto 2018	Avanzado	Online	Descarga	No procede	Ver Vídeo agosto 2018

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WOS	Canal de vídeos de formación de Clarivate Analytics	N/P	Online	No procede	N/P	Ver vídeo
WOS	Acceso a las nuevas versiones de JCR y ESI por "Sign in"	N/P	Online/Presencial	No procede	N/P	Ver vídeo
WOS	Novedades en la Web of Science (septiembre 2018)	Avanzado	Online	Descarga	N/P	Ver vídeo
WOS	Gestor de referencias Endnote-online (septiembre 2018)	Avanzado	Online	Descarga	N/P	Ver vídeo
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WOS	La evaluación de revistas con métricos en Journal Citation Reports (febrero 2018)	Avanzado	Online	Descarga	Descarga	Ver vídeo

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THE MOST IMPACTFUL LITERATURE ACROSS ALL SUBJECT AREAS

- 20% Natural Sciences
- 50% Social Sciences
- 30% Arts & Humanities

FROM REGIONAL AND INTERNATIONAL PUBLISHERS AROUND THE WORLD

- 14.8% Europe
- 52% North America
- 31% Asia Pacific
- 3% Latin America
- 3% Middle East & Africa

10,000+ Conference Proceedings Annually

10,000+ Research Books

Over 500 Million Patents

23.6 Million Inventions

Over 100 Million Citations & Data Links

14.8% Journal Titles

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- Web of Science Core Collection
- Incites Journal Citation Reports
- Incites Essential Science Indicators
- Endnote (en línea)
- ResearcherID
- Medline
- SciELO

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Base de Datos	Nombre del Curso	Nivel	Tipología	Presentación	Ejercicios	Vídeo
WOS	Manual completo de uso de la Web Of Science	No procede	Online/Presencial	Descarga	N/P	N/P
WOS	Canal de vídeos de formación de Clarivate Analytics	N/P	Online	No procede	N/P	Ver vídeo
WOS	Acceso a las nuevas versiones de JCR y ESI por "Sign in"	N/P	Online/Presencial	No procede	N/P	Ver vídeo
WOS	Novedades en la Web of Science (septiembre 2018)	Avanzado	Online	Descarga	N/P	Ver vídeo
WOS	Gestor de referencias Endnote-online (septiembre 2018)	Avanzado	Online	Descarga	N/P	Ver vídeo
WOS	INuevo! Journal Citation Reports con datos 2017 (septiembre 2018)	Avanzado	Online	Descarga	N/P	Ver vídeo
WOS	Buscar la producción científica de autores y la evaluación con métricos de citas (febrero 2018)	Avanzado	Online	Descarga	Descarga	Ver vídeo
WOS	La evaluación de revistas con métricos en Journal Citation Reports (febrero 2018)	Avanzado	Online	Descarga	Descarga	Ver vídeo

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## FORMACIÓN ONLINE

PRESENCIAL

ONLINE

MATERIAL DE FORMACIÓN

En el marco de los servicios de las Licencias Nacionales, FECYT junto con Clarivate Analytics y Elsevier pone a disposición de la comunidad científica e investigadora, un módulo de formación online. El objetivo de este módulo es ofrecer un conjunto de seminarios en tiempo real que aporten información paso a paso al investigador, sobre el uso de la base de datos. Este tipo de seminarios va a ir acompañado de:

- Contenido del curso
- Material de apoyo en formato pdf
- Ejercicios prácticos

Fecha	Horario	Proyecto	Título	Nivel	Tipología	Lugar/formato	Estado	Observaciones	Inscrip
SCOPUS									

Fecha	Horario	Proyecto	Título	Nivel	Tipología	Lugar/formato	Estado	Observaciones	Inscripción
17-Dic	10:00 to 11:30	Scopus	SCOPUS COMPLETO Formación Online - 17/12/2018 - 10:00-11:30 - (1275)		Online	Curso Formación Online (GoToWebinar)	Abierto		Inscripción
17-Dic	12:00 to 13:30	Scopus	SCOPUS COMPLETO Formación Online - 17/12/2018 - 12:00-13:30 - (1276)		Online	Curso Formación Online (GoToWebinar)	Abierto		Inscripción
17-Dic	15:00 to 16:30	Scopus	SCOPUS Formación Online - 17/12/2018 - 15:00-16:30 - Admintool (1277)		Online	Curso Formación Online (GoToWebinar) Admintool (S... <a href="#">Ver más</a>	Abierto		Inscripción
18-Dic	10:00 to 11:30	Scopus	SCOPUS COMPLETO Formación Online - 18/12/2018 - 10:00-11:30 - (1278)		Online	Curso Formación Online (GoToWebinar)	Abierto		Inscripción
18-Dic	12:00 to 13:30	Scopus	SCOPUS COMPLETO Formación Online - 18/12/2018 - 12:00-13:30 - (1279)		Online	Curso Formación Online (GoToWebinar)	Abierto		Inscripción

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**PRESENCIAL**

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**MATERIAL DE FORMACIÓN**

Base de Datos	Nombre del Curso	Nivel	Tipología	Presentación	Ejercicios	Vídeo
WOS	Manual completo de uso de la Web Of Science	No procede	Online/Presencial	Descarga	N/P	N/P
WOS	Canal de videos de formación de Clarivate Analytics	N/P	Online	No procede	N/P	Ver vídeo
WOS	Acceso a las nuevas versiones de JCR y ESI por "Sign in"	N/P	Online/Presencial	No procede	N/P	Ver vídeo
WOS	NoVEDADES en la Web of Science (septiembre 2018)	Avanzado	Online	Descarga	N/P	Ver vídeo
WOS	Gestor de referencias Endnote-online (septiembre 2018)	Avanzado	Online	Descarga	N/P	Ver vídeo
WOS	INuevo! Journal Citation Reports con datos 2017 (septiembre 2018)	Avanzado	Online	Descarga	N/P	Ver vídeo
WOS	Buscar la producción científica de autores y la evaluación con métricos de citas (febrero 2018)	Avanzado	Online	Descarga	Descarga	Ver vídeo
WOS	La evaluación de revistas con métricos en Journal Citation Reports (febrero 2018)	Avanzado	Online	Descarga	Descarga	Ver vídeo

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## FORMACIÓN PRESENCIAL

**PRESENCIAL**

ONLINE

MATERIAL DE FORMACIÓN

FECYT junto con los proveedores de las bases de datos organiza dos ciclos de formación presencial durante el año con una duración de 2 semanas cada ciclo. El objetivo de este tipo de jornadas de formación es hacer llegar a los usuarios los nuevos contenidos de las bases de datos, así como presentar las novedades que han sido introducidas a lo largo de los últimos meses y satisfacer las dudas que hayan surgido entre bibliotecarios, investigadores y demás usuarios.

Estas sesiones de formación son de carácter abierto y gratuito para todos los centros suscriptores de las bases de datos. Estos cursos son impartidos por formadores especializados con el objeto de:

- Presentar y explicar el contenido de las bases de datos.
- Formar a la comunidad investigadora de cada centro en el uso y funcionalidades de la herramienta.
- Realizar ejercicios prácticos del temario impartido para fijar los conceptos teóricos aprendidos.
- Solventar en directo las dudas que puedan surgir.

**CURSOS CERRADOS**

Fecha	Horario	Proyecto	Título	Nivel	Tipología	Lugar/formato	Estado	Observaciones
23-Oct	12:30	WOS	WOS - Universidad Complutense de Madrid (1262)	Medio	Presencial	Universidad Complutense de Madrid. Facultad de Od...	Cerrado	<a href="#">Ver más</a>
08-Nov	09:00 to 12:00	WOS	WOS - Centro de investigación y desarrollo (CID-CSIC) (1260)	Medio	Presencial	Centro de investigación y desarrollo (CID - CSIC)...	Cerrado	<a href="#">Ver más</a>
09-Nov	10:00 to 13:00	WOS	WOS - Agencia de Salud Pública de Barcelona (1261)	Basico	Presencial	Laboratorio ASPB. Edificio Peracamps Av. Drassan...	Cerrado	<a href="#">Ver más</a>
12-Nov	09:00 to 12:00	WOS	WOS - Universidad Complutense de Madrid (1262)	Medio	Presencial	Universidad Complutense de Madrid. Facultad de Od...	Cerrado	Aforo completo <a href="#">Ver más</a>

➤ Realizar ejercicios prácticos del temario impartido para fijar los conceptos teóricos aprendidos.  
 ➤ Solventar en directo las dudas que puedan surgir.

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- Benefit from cover-to-cover indexing with objective evaluation processes to meet the highest standards
- Get comprehensive and relevant coverage from a trusted standard in research coverage
- Identify hidden patterns, gaining insight into emerging research trends

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## Ejercicio 2:

Conjunto para todos los  
alumnos de la asignatura :

Proponer cambios, modificaciones y/o actualizaciones  
a la presentación

Por ejemplo:

- Tp 22: comentar mejor lo de las 4 grandes áreas
- Tp 49: clicando donde indica la flecha no se llega a la Tp 50



# Búsqueda de Información: Bases de Datos

**Departamento:** Ingeniería Eléctrica y Energética  
**Area:** Máquinas y Motores Térmicos

CARLOS J RENEDO [renedoc@unican.es](mailto:renedoc@unican.es)  
Despachos: ETSN 236 / ETSIIT S-3 28  
<http://personales.unican.es/renedoc/index.htm>  
Tlfn: ETSN 942 20 13 44 / ETSIIT 942 20 13 82

1

# Búsqueda de información: Bases de Datos

## Desde la Web de la U.C. :

- Web of Science (Web of Knowledge, WoK) } P1 y P2
- Scopus (SciVerse) } P3
- IEEE Xplore } P4
- Revistas Electrónicas } P4
- Envío de Artículos } P5
- Plagio } P5
- Dialnet } P6
- Otras BBDD } P6
- Otros Índices de Impacto } P6

- Open Acces
- Normas UNE
- Patentes
- Proyectos Europeos
- Formación de la BUC

- Congresos } P8

# Bases de Datos

The screenshot shows the 'Biblioteca Universitaria' website. At the top, there is a search bar with the text 'Buscar...' and a dropdown menu for 'Seleccionar idioma'. Below the search bar, there are navigation tabs: 'Conócenos', 'Servicios', 'Recursos de Información', 'Aprendizaje', 'Investigación', and 'Ayuda'. The 'Recursos de Información' tab is active, showing sub-tabs for 'Unico', 'Catálogo', 'E-revistas / E-libros', 'UCrea', 'Bases de datos', and 'eBUC'. The 'Bases de datos' sub-tab is selected, displaying a search box with the text 'Buscar por título:' and a 'BUSCAR' button. Below the search box, there is a section titled 'Las más buscadas' with a grid of database icons: Scopus, Engineering Village, IeeeXplore, Dialnet, Web of Science, Pubmed, JSTOR, CSIC, Google Académico, Abi Collection, Aranzadi, and Rebiun. To the right of the search area, there is a 'Horarios' section with the text 'Del 17 de septiembre al 23 de diciembre' and 'Lunes a viernes: 8:15 a 20:45 h.'. Below the search area, there are six service icons: 'Mis Préstamos', 'Salas de grupo', 'Acceso remoto', 'Guías y tutoriales', 'Préstamo Interbibliotecario', and 'UCrea: Repositorio abierto'. On the far right, there is a green banner for '[ED+C] EL DÍA MÁS CORTO BUCdecoro 21.12' with the text 'EL 21 DE DICIEMBRE CELEBRA EL DÍA MÁS CORTO' and 'Festival de cortometrajes Paraninfo UC, 21.12, 18 a 20 horas'.

# Bases de Datos

This screenshot is identical to the one above, but with a blue highlight around the search bar containing the text 'SCOPUS'. An orange arrow points from the 'SCOPUS' entry in the 'Las más buscadas' list to the search bar.

Biblioteca Universitaria

Conocenos Servicios Recursos de Información Aprendizaje Investigación Ayuda

Biblioteca de la Universidad de Cantabria > Recursos > Bases de Datos

Scopus

Dirección de acceso: <https://www.scopus.com/home.uri>

Fecha: 1823

Materias:  
 General  
 Ciencia y Tecnología  
 Biociencias

Scopus es una gran base de datos bibliográfica de literatura científica, multidisciplinaria e internacional, con análisis de citas desde 1996. Contiene unos 66 millones de referencias de documentos publicados, en algunos casos, desde el siglo XIX, en 23.000 revistas científicas, que incluyen 4.500 títulos en acceso abierto, 400 revistas comerciales y 560 series monográficas, 4.300 revistas de ciencias de la vida, 6.800 de ciencias de la salud, 7.200 de ciencias físicas, 5.300 de ciencias sociales y humanidades, así como congresos y conferencias, con 7,7 millones de conference papers en total. Cubre todas las ramas de conocimiento, incorporando de forma completa los archivos **Medline** y **Compendex**, y ofrece enlaces a los textos completos de los documentos.

Scopus facilita información completa de citas desde 1996, realizando informes de citas para agregados de referencias, por años, en forma de tablas; calcula el índice h; permite búsquedas por organismo de afiliación; análisis bibliométrico comparativo de revistas, etc. El usuario puede encargar alertas informativas, para recibir la información de su interés periódicamente sobre un tema o sobre citas, mediante e-mail o RSS. Y puede exportar referencias a **RefWorks** u otros gestores bibliográficos.

Scopus ofrece en cada búsqueda resultados añadidos sobre patentes de varias importantes oficinas nacionales, a través del servicio **LexisNexis**, pulsando un enlace adicional.

Editor o proveedor: Elsevier

Tutorial: [Consulta el tutorial si necesitas ayuda](#)

Observaciones:  
 Scopus presenta problemas (se descuadra) con las versiones más modernas de Internet Explorer. Para solucionarlos, una vez en Scopus tenemos que ir a Herramientas-Configuración de Vista de compatibilidad y agregar Scopus.

Restricción de acceso: Red Unican. Fuera del campus: identificación institucional (SIR)

Scopus - Basic Search - Windows Internet Explorer

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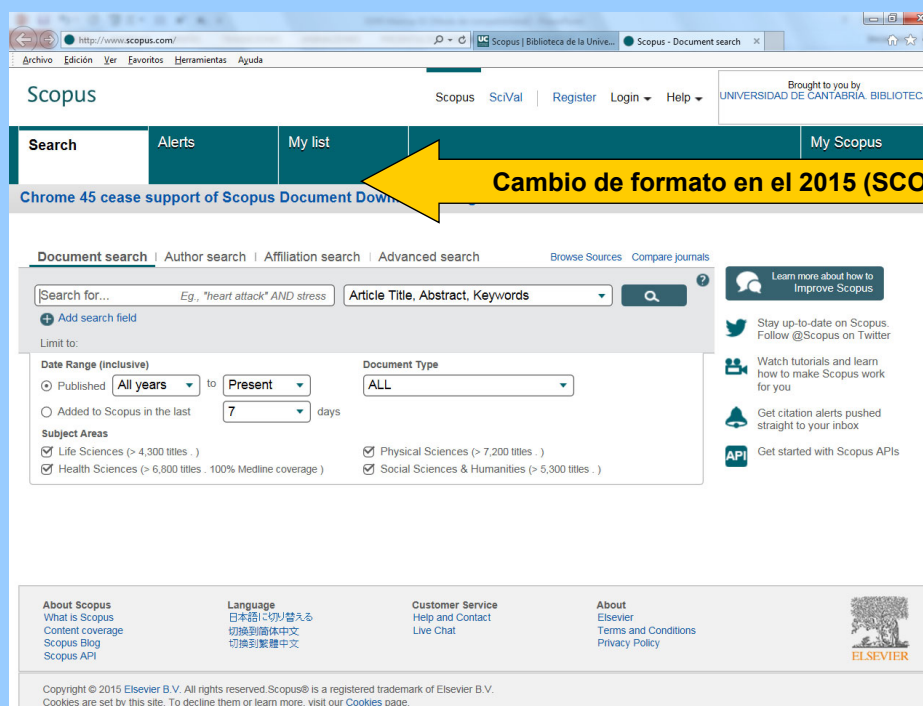
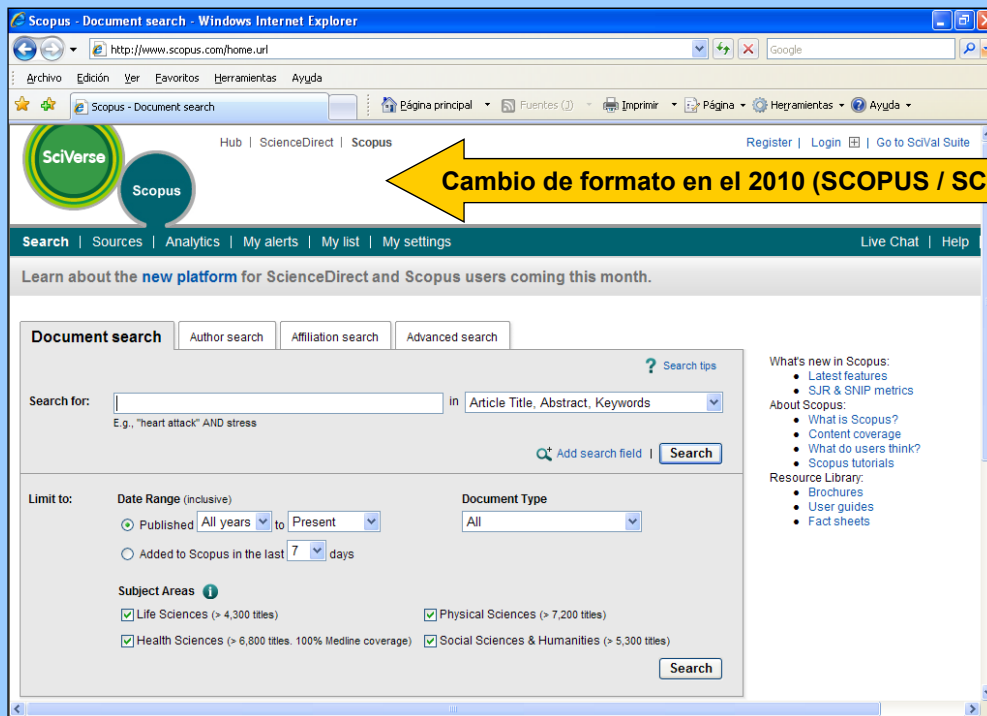
Search for:  in Article Title, Abstract, Keywords

AND  in Article Title, Abstract, Keywords

Limit to: Date Range (inclusive)  Published All years to Present  Added to Scopus in the last 7 days

Document Type All

Subject Areas  Life Sciences (> 4,300 titles)  Physical Sciences (> 7,200 titles)  Health Sciences (> 6,800 titles) Includes 100% Medline coverage  Social Sciences (> 5,300 titles)



The screenshot shows the Scopus 'Document search' interface. At the top, there are navigation links for Search, Sources, Alerts, Lists, Help, and SciVal. A 'Register' button and a 'Login' dropdown are also present. The main heading is 'Document search' with a yellow arrow pointing to it and a yellow box containing the text 'Y se ha vuelto a actualizar ...'. Below this, there are tabs for Documents, Authors, Affiliations, and Advanced. A search input field is visible with a dropdown menu set to 'Article title, Abstract, Keywords'. A 'Limit' link is also present. At the bottom of the page, there are links for 'About Scopus', 'Language' (with options for Japanese, Simplified Chinese, Traditional Chinese, and Russian), and 'Customer Service'.

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- Affiliation country
- Funding information
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- Funding number
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All years

To  
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Search

The screenshot shows the Scopus search interface with several annotations:

- A yellow arrow points to the "Search" tab with the text "En versiones anteriores ...".
- A red arrow points to the "Physical Sciences (> 7,200 titles...)" checkbox under "Subject Areas" with the text "4 Áreas SCOPUS de Publicación".
- An orange arrow points to the "Covers Source Titles in:" list with the text "Con subáreas".

The "Covers Source Titles in:" list includes:

- Chemical Engineering
- Chemistry
- Computer Science
- Earth and Planetary Sciences
- Energy
- Engineering
- Environmental Science
- Materials Science
- Mathematics
- Physics and Astronomy
- Multidisciplinary



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Título, ...

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WAVE ENERGY

Wave Energy

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(883)

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(217)

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1

Calculation of the energy levels and wave functions of electrons in nanowires by the shooting method

Gulyamov, G., Davlatov, A.B., Inoyatov, S.T., Makhmudov, S.A.

2022

Journal of Applied Science and Engineering (Taiwan) 25(1), pp. 31-36

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2

A study of a flux switching linear generator with a novel speed amplified mechanism and its optimization for the maximum power output and minimum cogging force of wave energy conversion

Liu, Z., Xiao, H., Khatri, P., Ding, S., Wang, X.

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Mechanical Systems and Signal Processing 166,108413

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**Year**

- 2022 (15) >
- 2021 (724) >
- 2020 (923) >
- 2019 (917) >
- 2018 (804) >

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**Author name**

- Ringwood, J.V. (127) >
- Setoguchi, T. (73) >
- Leijon, M. (72) >
- Iglesias, G. (65) >
- Takao, M. (59) >

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**Subject area**

- Engineering (6,543) >
- Physics and Astronomy (4,229) >
- Energy (2,839) >
- Earth and Planetary Sciences (1,701) >
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<input type="checkbox"/> 2	A study of a flux switching linear generator with a novel speed amplified mechanism and its optimization for the maximum power output and minimum cogging force of wave energy conversion	Liu, Z., Xiao, H., Khatri, P., Ding, S., Wang, X.	2022	Mechanical Systems and Signal Processing 166,108413	0
View abstract > <a href="#">Link to Full Text</a> <a href="#">View at Publisher</a> Related documents					
<input type="checkbox"/> 3	Numerical analysis of velocity magnitude on wave energy converter system in perforated breakwater	Setyandito, O., Nizam, N., Pierre, A.J., (...), Wijayanti, Y., Anda, M.	2022	Pakistan Journal of Botany 11(1), pp. 27-33	0
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<input type="checkbox"/> 4	Decay rates of energy of the 1D damped original nonlinear wave equation	Liu, W.	2022	Nonlinear Analysis: Real World Applications 63,103412	0
View abstract > <a href="#">Link to Full Text</a> <a href="#">View at Publisher</a> Related documents					
<input type="checkbox"/> 5	Wave energy extraction and hydroelastic response reduction of modular floating breakwaters as array wave energy converters integrated into a very large floating structure	Cheng, Y., Xi, C., Dai, S., (...), Yuan, Z., Incecik, A.	2022	Applied Energy 306,117953	0
View abstract > <a href="#">Link to Full Text</a> <a href="#">View at Publisher</a> Related documents					
<input type="checkbox"/> 6	Proposal and layout optimization of a wind-wave hybrid energy system using GPU-accelerated differential evolution algorithm	Wang, Y., Liu, Z., Wang, H.	2022	Energy 239,121850	0
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<input type="checkbox"/> 7	Convergence of an energy-conserving scheme for nonlinear space fractional Schrödinger equations with wave operator	Cheng, X., Qin, H., Zhang, J.	2022	Journal of Computational and Applied Mathematics 400,113762	0
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<input type="checkbox"/> 2	A study of a flux switching linear generator with a novel speed amplified mechanism and its optimization for the maximum power output and minimum cogging force of wave energy conversion	Liu, Z., Xiao, H., Khatri, P., Ding, S., Wang, X.	2022	Mechanical Systems and Signal Processing 166,108413	0

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Document title	Authors	Year	Source	Cited by	
<input type="checkbox"/> 1	Calculation of the energy levels and wave functions of electrons in nanowires by the shooting method	Gulyamov, G., Davlatov, A.B., Inoyatov, S.T., Makhmudov, S.A.	2022	Journal of Applied Science and Engineering (Taiwan) 25(1), pp. 31-36	0
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Year	
<input type="checkbox"/> 2016	(5)
<input type="checkbox"/> 2015	(308)
<input type="checkbox"/> 2014	(514)
<input type="checkbox"/> 2013	(486)
<input type="checkbox"/> 2012	(459)

**Año**

Author Name	
<input type="checkbox"/> Setoguchi, T.	(66)
<input type="checkbox"/> Leijon, M.	(51)
<input type="checkbox"/> Takao, M.	(43)
<input type="checkbox"/> Babarit, A.	(42)
<input type="checkbox"/> Von Jouanne, A.	(31)

**Autores**

Subject Area	
<input type="checkbox"/> Engineering	(3,269)
<input type="checkbox"/> Physics and Astronomy	(2,675)
<input type="checkbox"/> Energy	(1,049)
<input type="checkbox"/> Earth and Planetary Sciences	(942)
<input type="checkbox"/> Mathematics	(591)

**Subarea**

Document Type	
<input type="checkbox"/> Article	(4,550)
<input type="checkbox"/> Conference Paper	(1,780)
<input type="checkbox"/> Review	(78)
<input type="checkbox"/> Erratum	(51)
<input type="checkbox"/> Article in Press	(43)

**Tipo de paper**

Master

Industrial

Source Title	Fuente
<input type="checkbox"/> Proceedings of the International Offshore and Polar Engineering Conference	(228)
<input type="checkbox"/> Proceedings of the International Conference on Offshore Mechanics and Arctic Engineering OMAE	(204)
<input type="checkbox"/> Renewable Energy	(171)
<input type="checkbox"/> Journal of Chemical Physics	(142)
<input type="checkbox"/> Ocean Engineering	(122)

**Fuente**

Keyword	
<input type="checkbox"/> Wave energy conversion	(1,773)
<input type="checkbox"/> Wave energy	(1,155)
<input type="checkbox"/> Wave power	(980)
<input type="checkbox"/> Wave energy converters	(698)
<input type="checkbox"/> Water waves	(609)

**Keyword**

Affiliation	
<input type="checkbox"/> University of Tokyo	(87)
<input type="checkbox"/> Oregon State University	(86)
<input type="checkbox"/> Aalborg Universitet	(74)
<input type="checkbox"/> Norges Teknisk-Naturvitenskapelige Universitet	(73)
<input type="checkbox"/> Instituto Superior Tecnico	(71)

**Afiliación**

Country/Territory	
<input type="checkbox"/> United States	(1,536)
<input type="checkbox"/> China	(673)
<input type="checkbox"/> United Kingdom	(652)
<input type="checkbox"/> Japan	(577)
<input type="checkbox"/> France	(393)

**País**

Source Type	
<input type="checkbox"/> Journals	(5,407)
<input type="checkbox"/> Conference Proceedings	(1,602)
<input type="checkbox"/> Books	(124)
<input type="checkbox"/> Book Series	(92)
<input type="checkbox"/> Trade Publications	(53)
<input type="checkbox"/> Reports	(1)

**Tipo de Fuente**

Language	
<input type="checkbox"/> English	(6,698)
<input type="checkbox"/> Chinese	(178)
<input type="checkbox"/> Russian	(72)
<input type="checkbox"/> Japanese	(43)
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<input type="checkbox"/> 2012	(459) >
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<input type="checkbox"/> Article	(4,551) >	<input type="checkbox"/> Short Survey	(11) >
<input type="checkbox"/> Conference Paper	(2,940) >	<input type="checkbox"/> Note	(8) >
<input checked="" type="checkbox"/> Review	(111) >	<input type="checkbox"/> Erratum	(7) >
<input type="checkbox"/> Article in Press	(46) >	<input type="checkbox"/> Undefined	(1,458) >
<input type="checkbox"/> Report	(34) >		
<input type="checkbox"/> Book Chapter	(21) >		
<input type="checkbox"/> Conference Review	(19) >		
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TITLE (wave AND energy)

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Gulyamov G.<sup>a</sup>, Davlatov A.B.<sup>b</sup>, Inoyatov S.T.<sup>c</sup>, Makhmudov S.A.<sup>c</sup>

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G. Gulyamov<sup>1</sup>, A.B. Davlatov<sup>2\*</sup>, S.T. Inoyatov<sup>3</sup>, and S.A. Makhmudov<sup>3</sup>

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Received: Apr. 01, 2021; Accepted: Jun. 14, 2021

In this work, the energy levels and wave functions in rectangular and cylindrical nanowires with a finite potential well are calculated. The Schrödinger equation in Cartesian and cylindrical coordinate systems was solved by the shooting method. The calculations take into account the nonparabolicity of the energy spectrum of electrons. The graphs of the dependence of the energy levels on the sizes of nanowires are obtained. When calculating the energy levels and wave functions, changes in the effective mass of electrons were taken into account. The calculations were performed for the quantum well of the InP/InAs/InP heterostructure.

**Keywords:** Nanowires, Quantum wells, Heterostructure, Energy levels, Wave function, Nonparabolic zone  
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**Theoretical study on the power take-off estimation of heaving buoy wave energy converter**

Hongda Shi<sup>a,b,\*</sup>, Feifei Cao<sup>a</sup>, Zhen Liu<sup>a,b</sup>, Na Qu<sup>a</sup>

<sup>a</sup>College of Engineering, Ocean University of China, 238 Songling Road, Qingdao, 266100, China  
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Heaving buoy wave energy converter is applicable to small wave height and short wave period, which are the main characteristics of the China Sea. The device captures the wave power by buoy's heaving motion, transfers it by hydraulic system, and converts it into the electric power by generator. Power Take-Off (PTO) of the device is related to the resistance of the hydraulic system. However, effects of the hydraulic damping on the motion of buoy are often neglected and the study on the optimal hydraulic system is rare. In this paper, a new theoretical analysis has been developed, which is more applicable to the buoy considering hydraulic system. The paper establishes the governing equation considering buoyancy, wave dynamic force and hydraulic damping. The displacement and the velocity of the buoy are both obtained. The time-averaged power captured is calculated by integrating the square-velocity expression derived, and the existence of the maximum PTO is proved. Theoretical result is compared with the experimental result. The paper demonstrates the displacements and average output power of the buoy with different values of damping and inertia coefficients. The results of the study could be a guidance for the PTO design of the heaving buoy sets.

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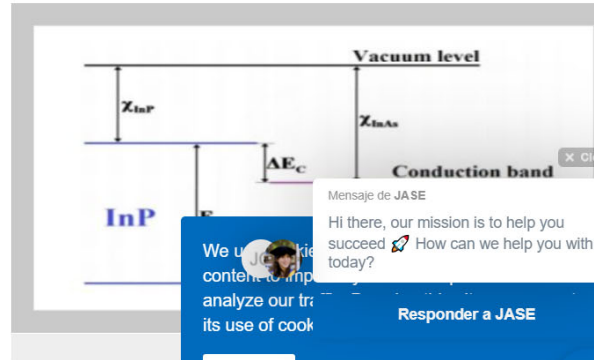
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## Sizing Vertical Heat Exchanger for an Air Conditioning System Using a Geothermal Heat Pump for Social Interest Houses.

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**Abstract**—In this work was evaluated the application of geothermal energy, through the use of a heat exchanger for the air conditioning of a house of social interest with heat pumps. A system of geothermal heat pump is an alternative to be applied in air conditioning systems, due to the high value of the Coefficient Of Performance, both in cooling mode, as heating. The system operates through a vertical geothermal heat exchanger (GHEx), using the subsoil like thermic reservoir by extracting and injecting heat into the ground. The vertical heat

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El aumento de la dependencia de fuentes de energía, así como la creciente conciencia de la necesidad de proteger el medio ambiente, ha llevado a buscar nuevas alternativas nacionales en la producción y almacenamiento de energía. La energía geotérmica es una alternativa que se puede utilizar para producir electricidad, almacenar energía para

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**Keywords:** heat pumps, vertical heat exchanger.

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El aumento de la dependencia de fuentes de energía, así como la creciente conciencia de la necesidad de proteger el medio ambiente, ha llevado a buscar nuevas alternativas nacionales en la producción y almacenamiento de energía. La energía geotérmica es una alternativa que se puede utilizar para producir electricidad, almacenar energía para dispositivos de calefacción y aire acondicionado en instalaciones diversas, además de proporcionar calor para una variedad de procesos comerciales e industriales [1]. Debido a la temperatura constante en el subsuelo, un sistemas de bomba de calor geotérmica típicamente tiene un mejor rendimiento que los sistemas de bomba de calor convencionales que operan intercambiando calor con el aire exterior como sumidero de energía [2]. Se cuenta con diversas investigaciones respecto a la determinación del gradiente de temperatura de la corteza terrestre como indicador del posible potencial geotérmico que el subsuelo es capaz de brindar [3] [4] [5].

Se tiene conocimiento de la existencia de diversas configuraciones de intercambiadores de calor geotérmicos,

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destacando las configuraciones; verticales y horizontales, siendo los últimos colocados en zonas donde se cuenta con bajas profundidades, ofreciendo la ventaja de una fácil instalación, con la limitante de requerimiento de una gran área para su instalación, siendo así, la configuración más limitada para llevar a cabo [6]. Los intercambiadores de calor geotérmico verticales son más comunes para ser instalados en zonas donde no se cuenta con suficiente área para colocar los intercambiadores de tipo horizontal. Para la instalación del tipo de configuración de intercambiador vertical, se realiza la perforación en un espacio de terreno muy reducidos, incluso en zonas comerciales y urbanizadas; la ventaja que se tiene con una configuración tipo vertical es que presenta una menor fluctuación en la temperatura con lo cual brinda valores más altos del coeficiente de operación.

Para la determinación del Coeficiente de operación COP en diversos intercambiadores verticales, investigaciones como las realizadas por [7] y [8] donde trabajaron variando el flujo de trabajo.

## II. CASO DE ESTUDIO.

Como caso de estudio para el uso del almacenamiento y extracción de calor mediante sistemas de bombas de calor geotérmicas se tiene una casa de interés social estándar. La razón de realizar este tipo de instalaciones es debido a que la mayoría de la población del territorio nacional Mexicano cuenta con viviendas de este tipo, por esta razón, la investigación realizada tiene gran impacto en la viabilidad en la instalación de este tipo de sistemas en la geografía nacional.

Para el desarrollo de este trabajo, fue necesario el diseño y determinación de las cargas térmicas que este tipo de

permite el cálculo de las cargas térmicas del conjunto habitacional.

El caso de estudio, se refiere a una casa de interés social que consta de 2 cuartos, sala, comedor y cocina, además de un baño completo. Las cargas térmicas y el área por acondicionar se describen en la **Tabla 1**.

La localización y características de la zona donde se realizó el caso de estudio permiten determinar la temperatura de bulbo seco y húmedo, así como el rango medio de temperaturas. Se localiza en la ciudad de Morelia Michoacán [9], las cuales se indican en la **Tabla 2**.

Mediante el software Revit® para diseño 3D se realizó el cálculo de las cargas térmicas de la infraestructura, determinando así mismo las cargas pico de la casa habitación, siendo estas para el modo de trabajo de calefacción y refrigeración. Los resultados obtenidos se muestran en la **Tabla 3**.

**TABLA 1.** TABLA DE DATOS DE CARGAS TERMICAS CORRESPONDIENTES A CADA AREA DE LA CASA DE INTERES SOCIAL.

nombre espacios	Área (ft²)	Volumen (ft³)	Carga pico de enfriamiento (Btu/hr)	Flujo de aire de enfriamiento (gpm)	Carga pico de calefacción (W)	Flujo de aire de calefacción (gpm)
sala	129.17	1285.45	3427.05	1001.74	3014.44	2073.22
cocina	75.35	707.35	2161.94	634.01	1844.81	1291.80
recamara	64.58	650.85	2243.78	657.79	1456.07	1052.46
recamara principal	107.64	1112.06	3171.30	928.83	2202.86	1561.26
comedor	75.35	766.68	1640.21	464.41	985.49	691.07
pasillo	64.58	613.06	1432.20	404.18	460.35	355.05
baño	43.06	381.75	1404.92	412.11	1101.43	800.44
<b>Total</b>	<b>559.72</b>	<b>5517.21</b>	<b>15481.40</b>	<b>4503.08</b>	<b>11065.45</b>	<b>7825.30</b>

**TABLA 2.** LOCALIZACIÓN Y CARACTERÍSTICAS DEL CLIMA DE LA ZONA DEL CASO DE ESTUDIO.

Ma



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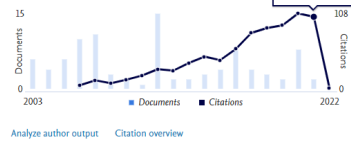
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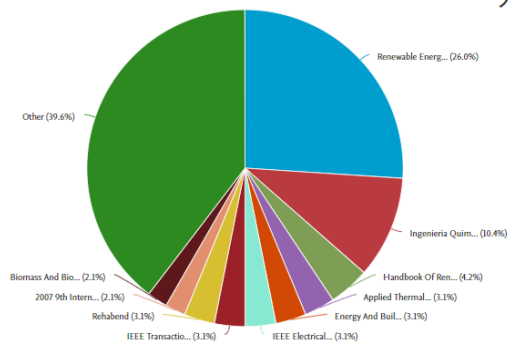
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Renewable Energy And Power Quality Journal	25
Ingenieria Quimica	10
Handbook Of Renewable Energy Technology	4
Applied Thermal Engineering	3
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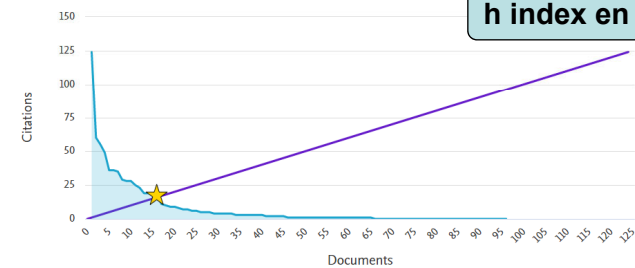
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1	124	Comparative evaluati...
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4	49	Study of different co...
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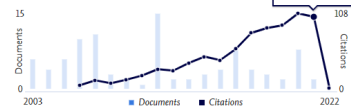
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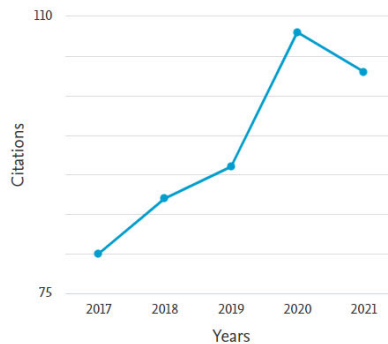
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<input type="checkbox"/> 1 Use performance and management of biodegradable fluids as tr...	2021							0		0
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<input type="checkbox"/> 3 Residual biomass in Eucalyptus globulus plantations accordin...	2020						1	1		1
<input type="checkbox"/> 4 Effect of magnetic and non-magnetic nanoparticles on insulat...	2020							0		0
<input type="checkbox"/> 5 Ageing of crepe paper in mineral oil and natural ester	2020						1	1		1
<input type="checkbox"/> 6 Performance analysis of natural, synthetic and mineral oil i...	2020							0		0
<input type="checkbox"/> 7 Application of biodegradable fluids as liquid insulation for...	2020					1	3	4		4
<input type="checkbox"/> 8 Effect of TiO <sub>2</sub> and zno nanoparticles on the perfo...	2020						6	6		6
<input type="checkbox"/> 9 [Analysis of the effects of temperature on continuous monito...	2020							0		0
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<input type="checkbox"/> 12 Damage assessment of transformer Kraft paper insulation aged...	2019					4	3	7		7
<input type="checkbox"/> 13 Assessment of the effect of commercial vegetal oils on Kraft...	2018						6	6		6
<input type="checkbox"/> 14 Dielectric properties enhancement of vegetal transformer oil...	2018					4	1	5		5
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<input type="checkbox"/> 16 Thermal analysis of natural esters in a low-voltage disc-typ...	2017				1	2	2	5		5
<input type="checkbox"/> 17 Biomass losses caused by Teratosphaeria leaf disease in Euca...	2017				1			1		1
<input type="checkbox"/> 18 Numerical analysis of the hot-spot temperature of a power tr...	2017			1	6	9	9	25		25
<input type="checkbox"/> 19 3D thermal model and experimental validation of a low voltag...	2017		1	2	2	1	2	8		8
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**SJR = SCImago Journal Rank** is weighted by the prestige of a journal. Subject field, quality and reputation of the journal have a direct effect on the value of a citation. SJR also normalizes for differences in citation behavior between subject fields.

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2	Nature Reviews Materials <a href="#">Link to Full Text</a> <a href="#">CCC - Get permissions</a>	183	98	13.053	32.011	Springer Nature

**SNIP** measures a source's contextual citation impact by weighting citations based on the total number of citations in a subject field. It helps you make a direct comparison of sources in different subject fields.

SNIP takes into account characteristics of the source's subject field, which is the set of documents citing that source. SNIP especially considers:

- The frequency at which authors cite other papers in their reference lists
- The speed at which citation impact matures
- The extent to which the database used in the assessment covers the field's literature

SNIP is the ratio of a source's average citation count per paper and the citation potential of its subject field.

The citation potential of a source's subject field is the average number of references per document citing that source. It represents the likelihood of being cited for documents in a particular field. A source in a field with a high citation potential tends to have a high impact per paper.

Citation potential is important because it accounts for the fact that typical citation counts vary widely between research disciplines. For example, they tend to be higher in life sciences than in mathematics or social sciences. If papers in one subject field contain an average of 40 cited references while those in another contain an average of 10, then the former field has a citation potential that is 4 times higher than that of the latter.

Citation potential also varies between subject fields within a discipline. For instance, basic journals tend to show higher citation potentials than applied or clinical journals, and journals covering emerging topics tend to have higher citation potentials than periodicals in well established areas.



**SJR** is weighted by the prestige of a journal. Subject field, quality, and reputation of the journal have a direct effect on the value of a citation.

SJR assigns relative scores to all of the sources in a citation network. Its methodology is inspired by the Google PageRank algorithm, in that not all citations are equal. A source transfers its own prestige, or status, to another source through the act of citing it. A citation from a source with a relatively high SJR is worth more than a citation from a source with a lower SJR.

A source's prestige for a particular year is shared equally over all the citations it makes in that year; this is important because it corrects for the fact that typical citation counts vary widely between subject fields. The SJR of a source in a field with a high likelihood of citing is shared over a lot of citations, so each citation is worth relatively little. The SJR of a source in a field with a low likelihood of citing is shared over few citations, so each citation is worth relatively much. The result is to even out the differences in citation practice between subject fields and facilitate direct comparisons of sources.

SJR emphasizes those sources that are used by prestigious titles. SJR allows the user to rank their own customized set of sources, regardless of their subject fields.

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Scopus coverage years: from 1975 to 2022

Publisher: Elsevier

ISSN: 0360-1285

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8.089

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Calculated on 05 May, 2021

CiteScoreTracker 2021

53.8 =  $\frac{6666 \text{ Citations to date}}{124 \text{ Documents to date}}$   
Last updated on 05 October, 2021 • Updated monthly

CiteScore rank 2020

Category	Rank	Percentile
Chemical Engineering		
General Chemical Engineering	#1/279	99th
Energy		
Energy Engineering and Power Technology	#2/224	99th
Energy		
Fuel Technology	#2/100	98th

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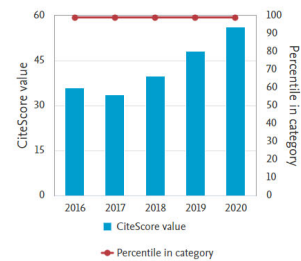
CiteScore CiteScore rank & trend Scopus content coverage

CiteScore rank 2020

In category: General Chemical Engineering

Rank	Source title	CiteScore 2020	Percentile
#1 279	Progress in Energy and Combustion Science	56.4	99th percentile
#1	Progress in Energy and Combustion Science	56.4	99th percentile
#2	Nature Reviews Chemistry	53.0	99th percentile
#3	Nature Chemistry	37.1	99th percentile
#4	Chem	26.0	98th percentile
#5	Advanced Science	19.2	98th percentile
#6	ACS Central Science	17.6	98th percentile
#7	Chemical Engineering Journal	17.2	97th percentile
#8	Chemistry of Materials	16.9	97th percentile
#9	Annual Review of Chemical and Biomolecular Engineering	16.6	96th percentile
#10	Critical Reviews in Solid State and Materials Sciences	15.9	96th percentile
#11	Desalination	14.3	96th percentile
#12	ChemSusChem	13.3	95th percentile

CiteScore trend



CiteScore CiteScore rank & trend **Scopus content coverage**

Year	Documents published	Actions
2022	5 documents	<a href="#">View citation overview &gt;</a>
2021	29 documents	<a href="#">View citation overview &gt;</a>
2020	33 documents	<a href="#">View citation overview &gt;</a>
2019	31 documents	<a href="#">View citation overview &gt;</a>
2018	38 documents	<a href="#">View citation overview &gt;</a>
2017	29 documents	<a href="#">View citation overview &gt;</a>
2016	17 documents	<a href="#">View citation overview &gt;</a>
2015	18 documents	<a href="#">View citation overview &gt;</a>
2014	18 documents	<a href="#">View citation overview &gt;</a>
2013	22 documents	<a href="#">View citation overview &gt;</a>
2012	30 documents	<a href="#">View citation overview &gt;</a>
2011	26 documents	<a href="#">View citation overview &gt;</a>
2010	20 documents	<a href="#">View citation overview &gt;</a>
2009	22 documents	<a href="#">View citation overview &gt;</a>

Source details

Progress in Energy and Combustion Science

Scopus coverage years: from 1975 to 2022

Publisher: Elsevier

ISSN: 0360-1285

Subject area: [Chemical Engineering: General Chemical Engineering](#) [Energy: Energy Engineering and Power Technology](#) [Energy: Fuel Technology](#)

Source type: Journal

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CiteScore 2020

56.4

SJR 2020

8.089

SNIP 2020

11.018

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Improved CiteScore methodology

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Source title [v](#)

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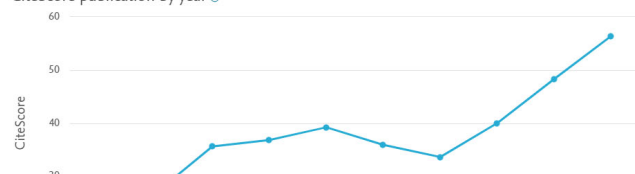
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CiteScore publication by year [?](#)



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Source title [v](#)

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energy and buildings

E.g., Cell, cancer

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159 Search results

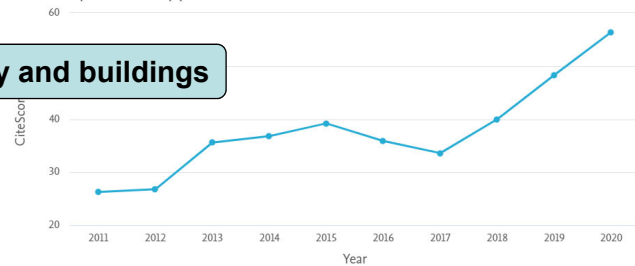
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Source	CiteScore
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<input type="checkbox"/> Advances in Geo-Energy Research	6.2
<input type="checkbox"/> Advances in High Energy Physics	3.0

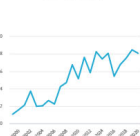
CiteScore publication by year [?](#)



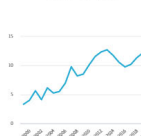
Progress in Energy and Combustion Science

Calculations last updated: 11 Oct 2021

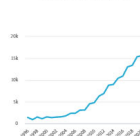
SJR by year [?](#)



SNIP by year [?](#)



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**energy and buildings** ×

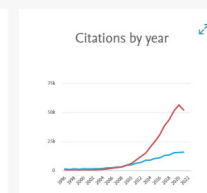
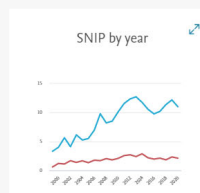
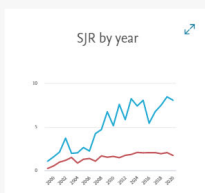
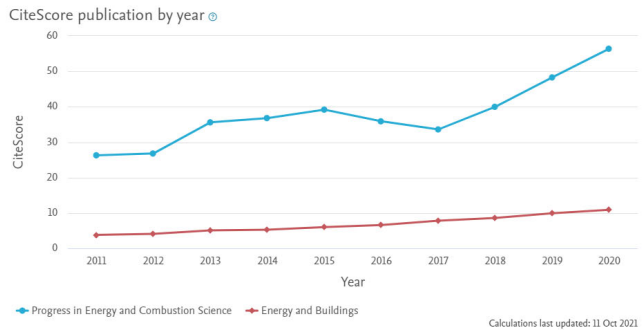
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### Scopus tutorials

Last updated on April 30, 2021

Scopus tutorials provide a visual tour of Scopus and its functions, but are without sound. The tutorials below are also found in the relevant FAQs in the Scopus Support Center.



#### Searching for documents

This tutorial demonstrates how to create and run a search using the Scopus Document search form.

[Tutorial text only](#)

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Last updated on November 20, 2019

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Document search tutorial Scopus provides you with the option of searching for publications based on search terms relating to specific parts of a document (e.g. title, author, keywords, ISSN). How...

The screenshot shows the Scopus website interface. At the top, there is a search bar with the text "Buscar...". Below the search bar, there are social media icons and a language selection dropdown. The main content area is titled "Biblioteca Universitaria" and includes a navigation menu with options like "Conócenos", "Servicios", "Recursos de Información", "Aprendizaje", "Investigación", and "Ayuda". The main content area displays the Scopus logo and a description of the database. The description states that Scopus is a large bibliographic database of scientific literature, multidisciplinary and international, with analysis of citations since 1996. It contains over 66 million references of published documents, including 23,000 scientific journals, 400 commercial journals, 560 monographic series, 4,300 life science journals, 6,800 health science journals, 7,200 physical science journals, 5,300 social and human sciences journals, and 7.7 million conference papers. It also mentions the Medline and Compendex archives and offers citation analysis services. The interface includes a "Fecha: 1923" filter and a "Materias:" section with categories like "General", "Ciencia y Tecnología", and "Biociencias". At the bottom, there are links for "Editor o proveedor: Elsevier", "Tutorial: Consulta el tutorial si necesitas ayuda", "Observaciones", and "Restricción de acceso: Red Unican. Fuera del campus: identificación institucional (SIR)".

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Scopus ofrece en cada búsqueda resultados añadidos sobre patentes de varias importantes oficinas nacionales, a través del servicio **LexisNexis**, pulsando un enlace adicional.

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Buscador Único

APRENDIZAJE  
Mis préstamos

INVESTIGACIÓN  
Evaluar la investigación

AYUDA  
Contacto, Consultas y  
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► Observaciones:

Scopus

Configuración

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Divisiones	Servicios de información	Catálogo Móvil	Trabajos académicos	Perfil del investigador	FAQS
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Normativa	Gabinetes de investigación	Recursos de información por área			
Protección de datos	Formación, Guías y tutoriales	Repositorio UCrea			
Tarifas	Acceso remoto	Bibliografía recomendada			
	Adquisiciones	Trabajos académicos			
	Materiales de trabajo	Tesis UC			
	Consulta en Sala	Documentación Europea			
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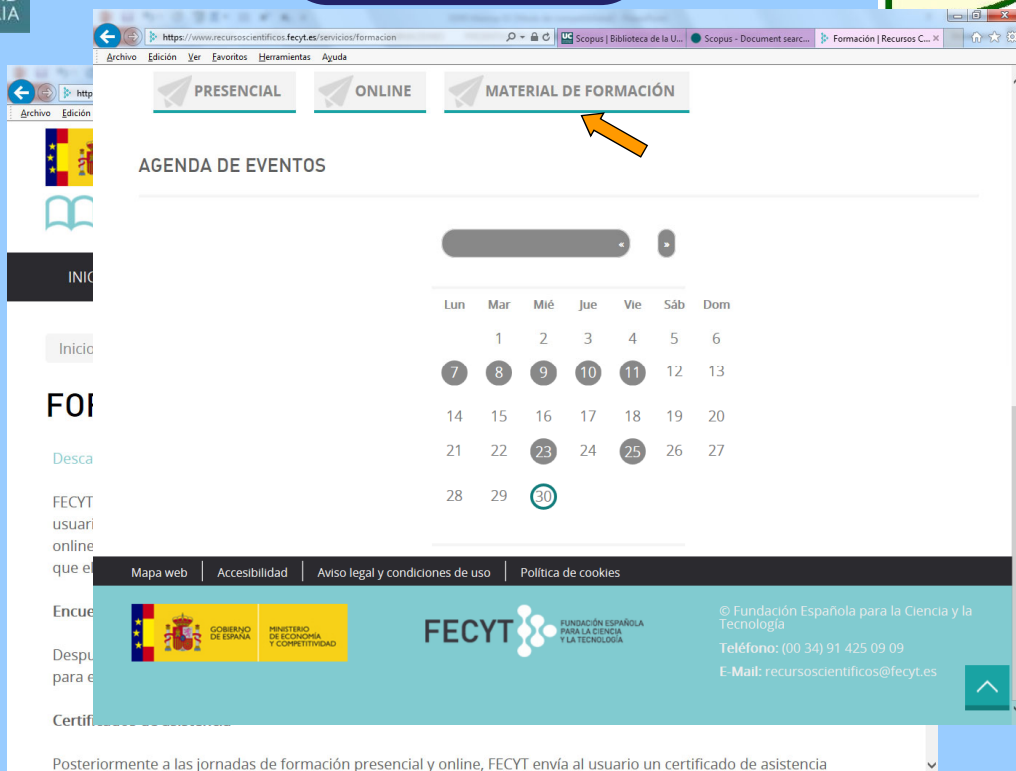
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Inicio » Servicios » Formación » Material de formación

## MATERIAL DE FORMACIÓN

posición del investigador todo el material necesario para los cursos tanto de formación presencial como online, grabaciones que se han realizado de los diferentes cursos que se han ido realizando para la visualización posterior de los interesados.

Base de Datos	Nombre del Curso	Nivel	Tipología	Presentación	Ejercicios	Vídeo
WOS	Novedades en la Web of Science marzo 2015	Avanzado	Online	Descarga	Descarga	Próximamente
WOS	El gestor de referencias Endnote (versión en línea)	Avanzado	Online	Descarga	No procede	Próximamente
WOS	Buscar la producción científica de autores y la evaluación con métricos de citas	Avanzado	Online	Descarga	No procede	Próximamente
WOS	La evaluación de revistas con métricos en Journal Citation Reports	Avanzado	Online	Descarga	No procede	Próximamente



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## MATERIAL DE FORMACIÓN

posición del investigador todo el material necesario para los cursos tanto de formación presencial como online, grabaciones que se han realizado de los diferentes cursos que se han ido realizando para la visualización posterior de los interesados.

Base de Datos	Nombre del Curso	Nivel	Tipología	Presentación	Ejercicios	Vídeo
WOS	La evaluación de revistas con métricos en Journal Citation Reports	Avanzado	Online	Descarga	No procede	Próximamente
WOS	Identificar lo más citado de WOS con Essential Science Indicators	Avanzado	Online	Descarga	No procede	Próximamente
WOS	Modulo de administradores de FECYT y de RID.com (sólo administradores)	Avanzado	Online/Presencial	Descarga	No procede	Próximamente
WOS	Funcionalidades Básicas Web Of Science	Básico	Presencial	Descarga	Descarga	No procede
WOS	Funcionalidades Avanzadas Web Of Science	Avanzado	Presencial	Descarga	Descarga	No procede
WOS	Funcionalidades Web Of Science	Experto	Presencial	Descarga	No procede	No procede
SCOPUS	Funcionalidades Básicas de SCOPUS	Básico	Online/Presencial	Descarga	Descarga	Ver Vídeo
SCOPUS	Funcionalidades Avanzadas de SCOPUS	Avanzado	Online/Presencial	Descarga	Descarga	Ver Vídeo
SCOPUS	Módulo de administradores: Admintool (sólo administradores)	Avanzado	Online/Presencial	Descarga	No procede	Ver Vídeo
SCOPUS	Introducción a las APIS de Scopus	Básico	Online	Descarga	No procede	Ver Vídeo





WOS	La evaluación de revistas con métricos en Journal Citation Reports	Avanzado	Online	Descarga	No procede	Próximamente	
WOS	Identificar lo más citado de WOS con Essential Science Indicators	Avanzado	Online	Descarga	No procede	Próximamente	
WOS	Módulo de administradores de FEICYT y de RID.com (sólo administradores)	Avanzado	Online/Presencial	Descarga	No procede	Próximamente	
WOS	Funcionalidades Básicas Web Of Science	Básico	Presencial	Descarga	Descarga	No procede	
WOS	Funcionalidades Avanzadas Web Of Science	Avanzado	Presencial	Descarga	Descarga	No procede	
WOS	Funcionalidades Web Of Science	Experto	Presencial	Descarga	No procede	No procede	
SCOPUS	Funcionalidades Básicas de SCOPUS	Básico	Online/Presencial	Descarga	Descarga	Ver Vídeo	
SCOPUS	Funcionalidades Avanzadas de SCOPUS	Avanzado	Online/Presencial	Descarga	Descarga	Ver Vídeo	
SCOPUS	Módulo de administradores: Admintool (sólo administradores)	Avanzado	Online/Presencial	Descarga	No procede	Ver Vídeo	
SCOPUS	Introducción a las APIs de Scopus	Básico	Online	Descarga	No procede	Ver Vídeo	

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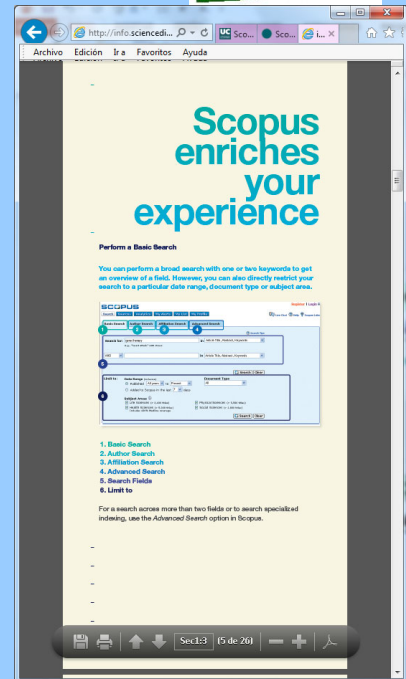
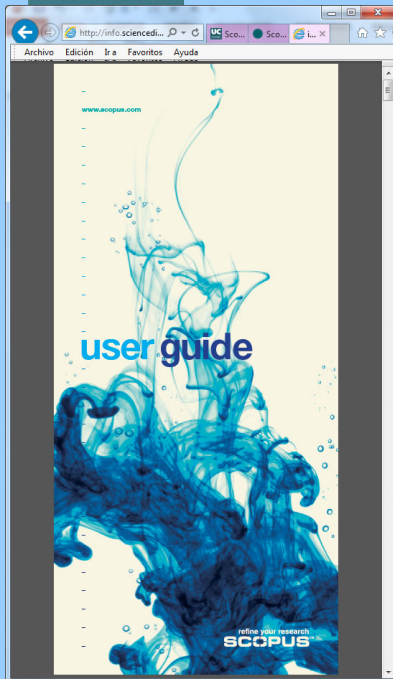
- Búsqueda de "artificial intelligence" en todos los campos y engineering en todos los campos
  - ¿Cuántos resultados nos aparecen?
  - ¿Cuántos hay en croata?
  - ¿Cuántos documentos son "Article in Press"?
  - Título del artículo más citado:
  - ¿Cuántas citas tiene?
  - Crear una alerta de correo electrónico
  - Asignar a mi lista los 5 más relevantes. Grabar la lista

WOS	La evaluación de revistas con métricos en Journal Citation Reports	Avanzado	Online	Descarga	No procede	Próximamente	
WOS	Identificar lo más citado de WOS con Essential Science Indicators	Avanzado	Online	Descarga	No procede	Próximamente	
WOS	Módulo de administradores de FECYT y de RID.com (sólo administradores)	Avanzado	Online/Presencial	Descarga	No procede	Próximamente	
WOS	Funcionalidades Básicas Web Of Science	Básico	Presencial	Descarga	Descarga	No procede	
WOS	Funcionalidades Avanzadas Web Of Science	Avanzado	Presencial	Descarga	Descarga	No procede	
WOS	Funcionalidades Web Of Science	Experto	Presencial	Descarga	No procede	No procede	
SCOPUS	Funcionalidades Básicas de SCOPUS	Básico	Online/Presencial	Descarga	Descarga	Ver Vídeo	
SCOPUS	Funcionalidades Avanzadas de SCOPUS	Avanzado	Online/Presencial	Descarga	Descarga	Ver Vídeo	
SCOPUS	Módulo de administradores: Admintool (sólo administradores)	Avanzado	Online/Presencial	Descarga	No procede	Ver Vídeo	
SCOPUS	Introducción a las APIS de Scopus	Básico	Online	Descarga	No procede	Ver Vídeo	

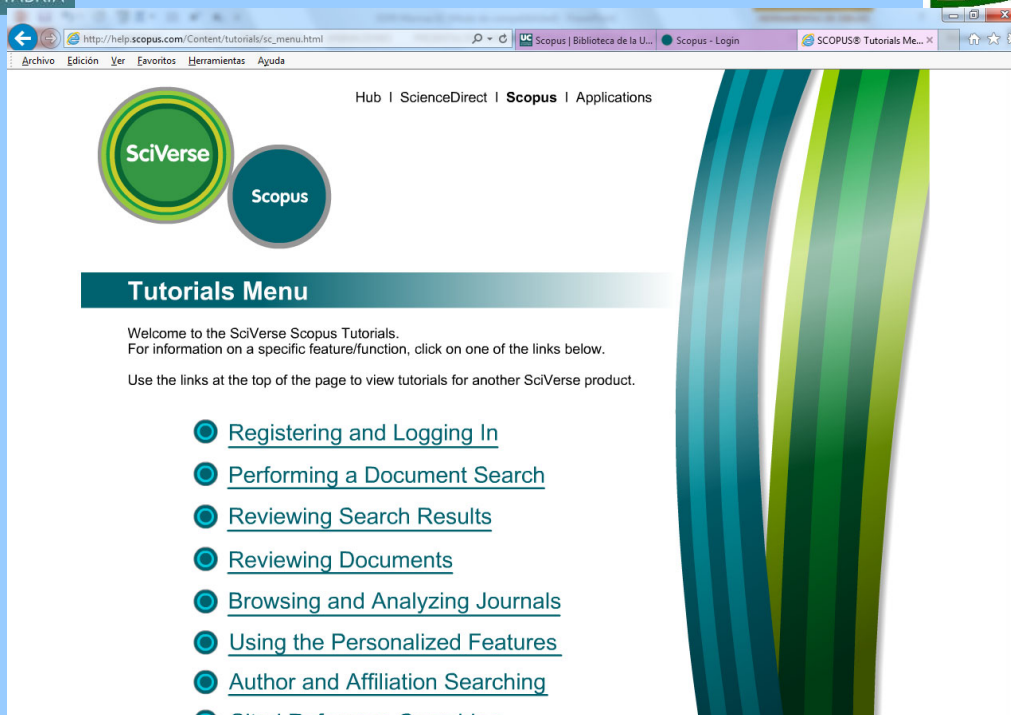
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Cada estudiante elige una "entidad"

## Ejercicio 3:



### Búsqueda de reviews sobre:

- Bombas de Calor (Heat Pump)
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**Departamento:** Ingeniería Eléctrica y Energética  
**Area:** Máquinas y Motores Térmicos

CARLOS J RENEDO [renedoc@unican.es](mailto:renedoc@unican.es)  
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<http://personales.unican.es/renedoc/index.htm>  
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- Scopus (SciVerse) } P3
- IEEE Xplore } P4
- Revistas Electrónicas } P4
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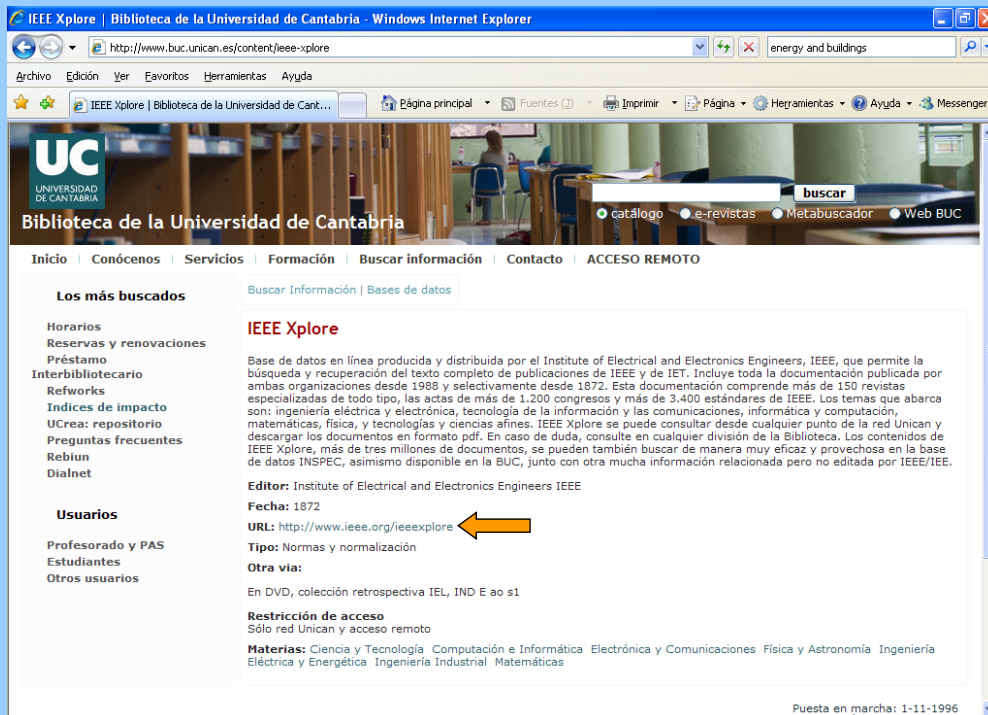
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# Bases de Datos

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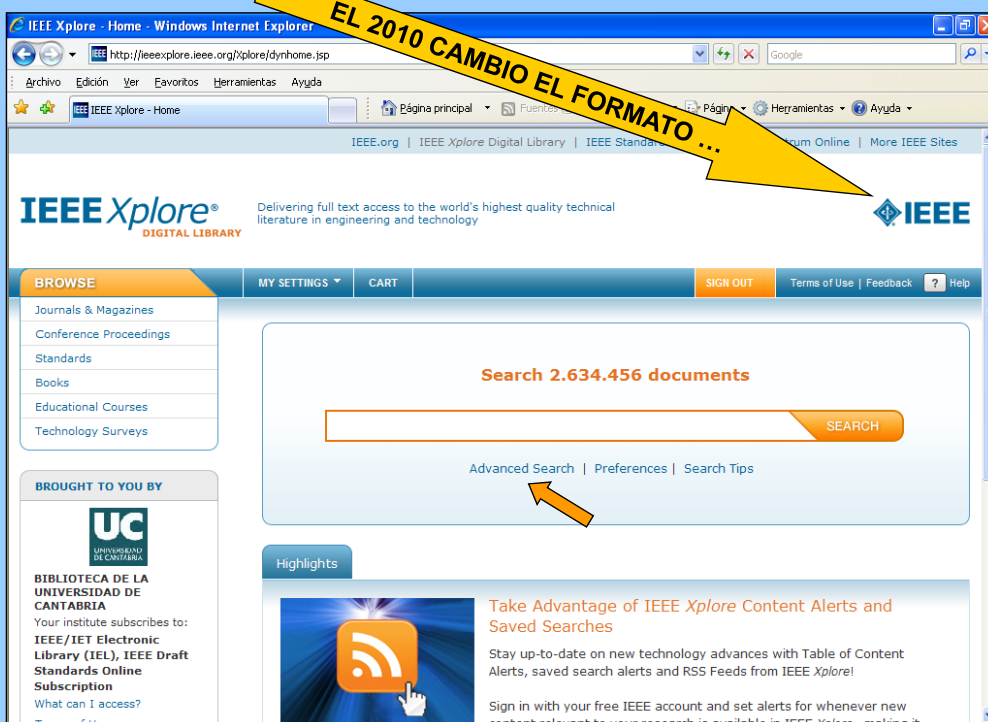
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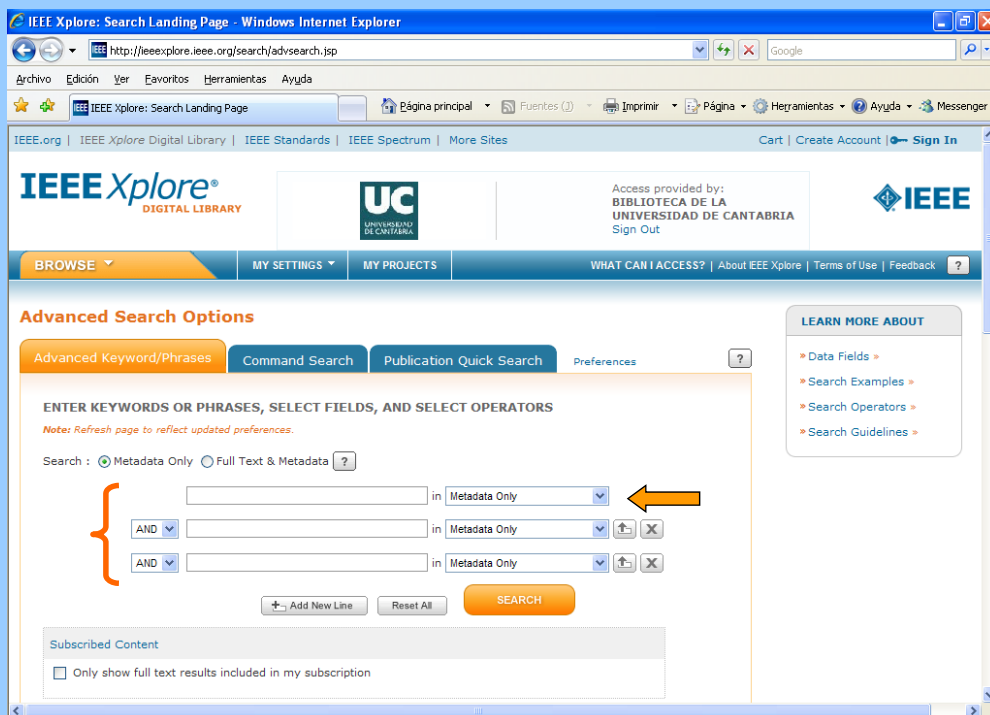
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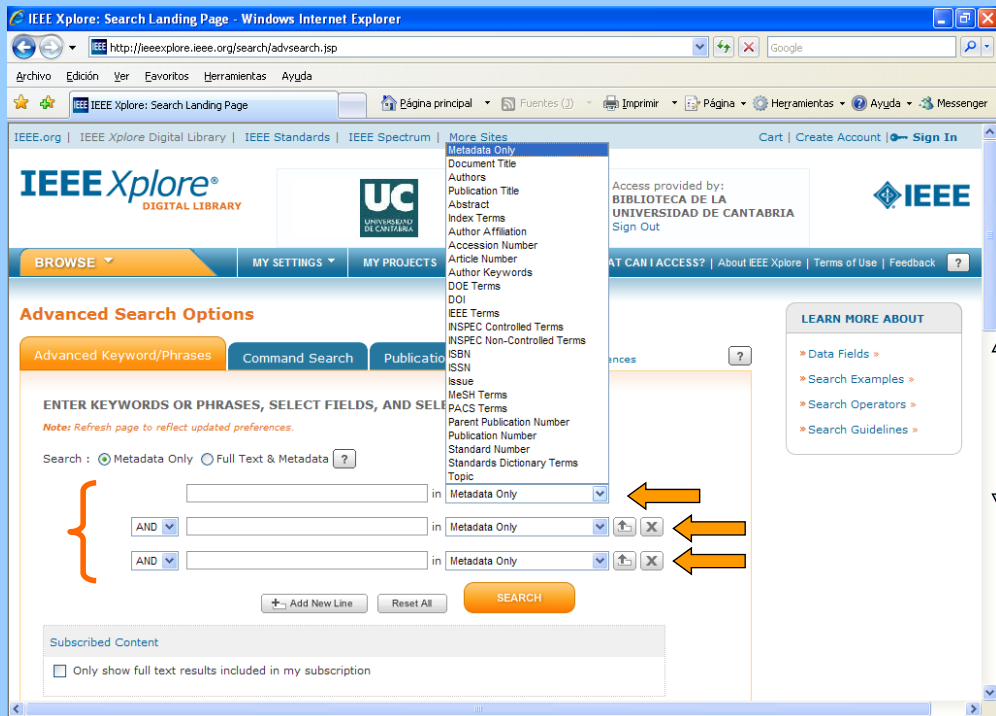
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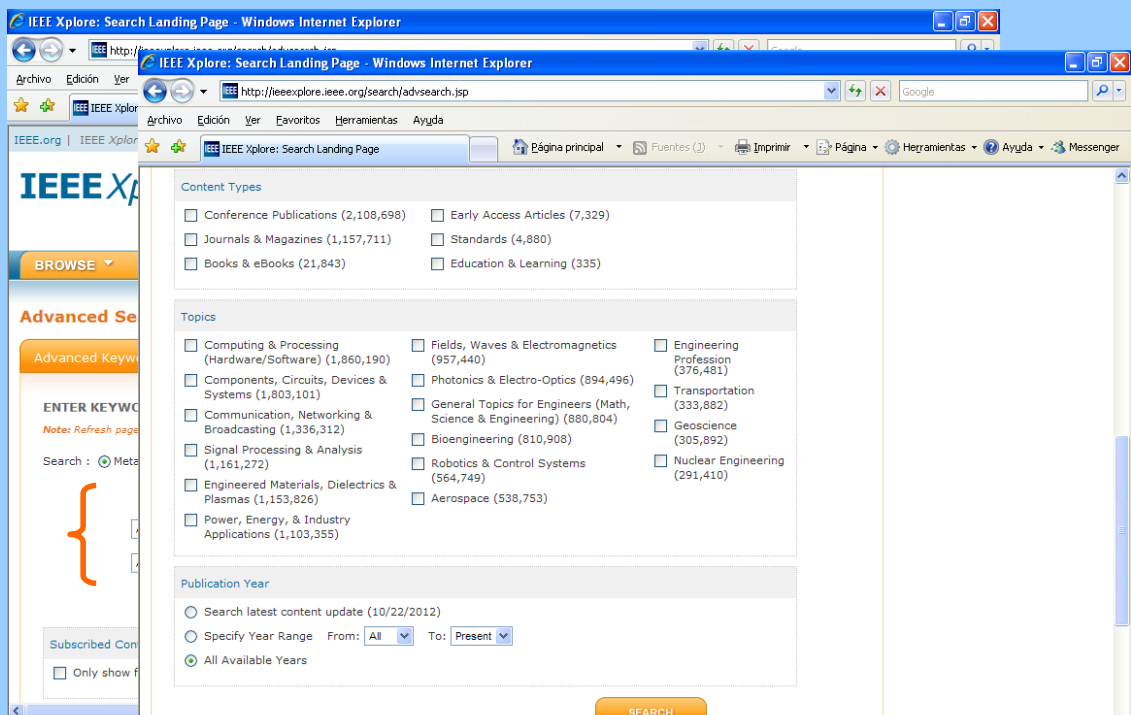
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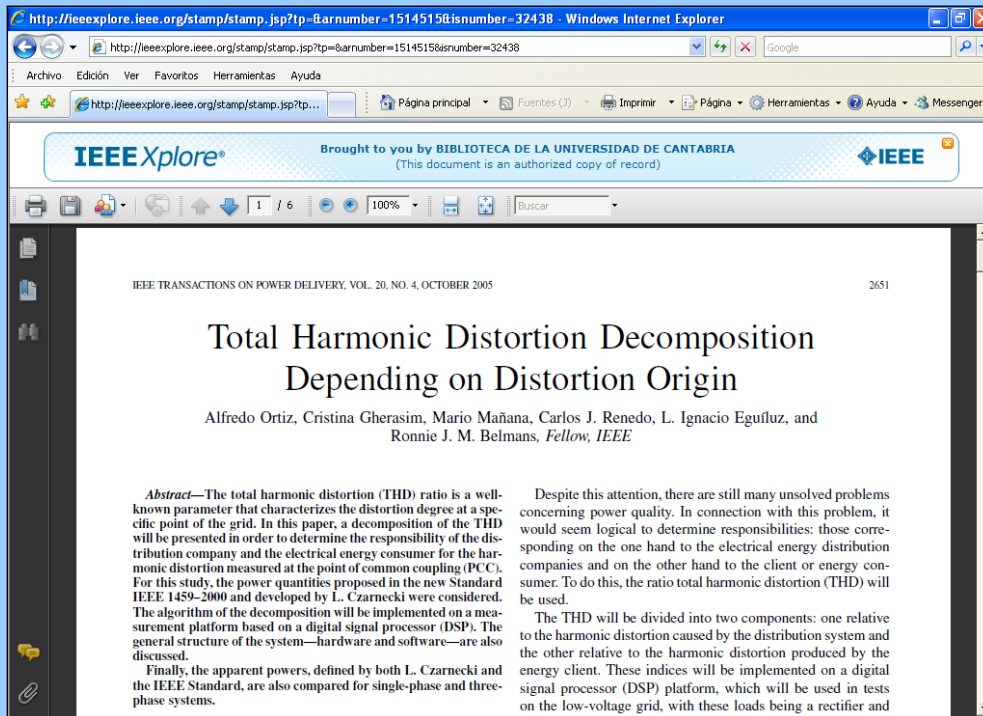
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IEEE TRANSACTIONS ON POWER DELIVERY, VOL. 20, NO. 4, OCTOBER 2005 2651

## Total Harmonic Distortion Decomposition Depending on Distortion Origin

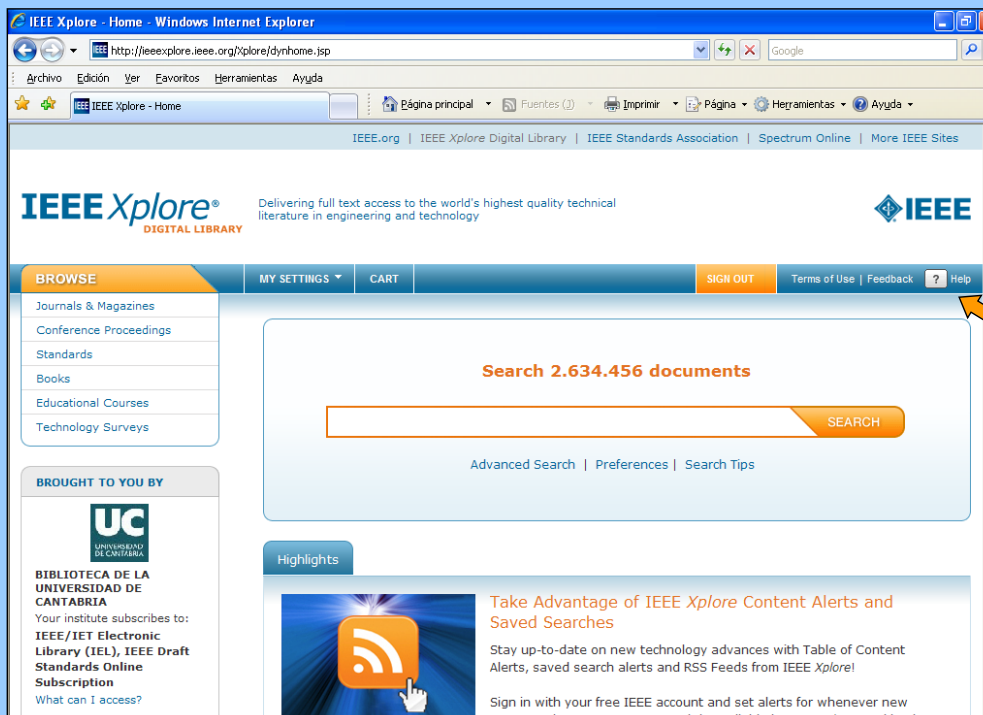
Alfredo Ortiz, Cristina Gherasim, Mario Mañana, Carlos J. Renedo, L. Ignacio Egufluz, and Ronnie J. M. Belmans, *Fellow, IEEE*

**Abstract**—The total harmonic distortion (THD) ratio is a well-known parameter that characterizes the distortion degree at a specific point of the grid. In this paper, a decomposition of the THD will be presented in order to determine the responsibility of the distribution company and the electrical energy consumer for the harmonic distortion measured at the point of common coupling (PCC). For this study, the power quantities proposed in the new Standard IEEE 1459–2000 and developed by L. Czarnecki were considered. The algorithm of the decomposition will be implemented on a measurement platform based on a digital signal processor (DSP). The general structure of the system—hardware and software—are also discussed.

Finally, the apparent powers, defined by both L. Czarnecki and the IEEE Standard, are also compared for single-phase and three-phase systems.

Despite this attention, there are still many unsolved problems concerning power quality. In connection with this problem, it would seem logical to determine responsibilities: those corresponding on the one hand to the electrical energy distribution companies and on the other hand to the client or energy consumer. To do this, the ratio total harmonic distortion (THD) will be used.

The THD will be divided into two components: one relative to the harmonic distortion caused by the distribution system and the other relative to the harmonic distortion produced by the energy client. These indices will be implemented on a digital signal processor (DSP) platform, which will be used in tests on the low-voltage grid, with these loads being a rectifier and



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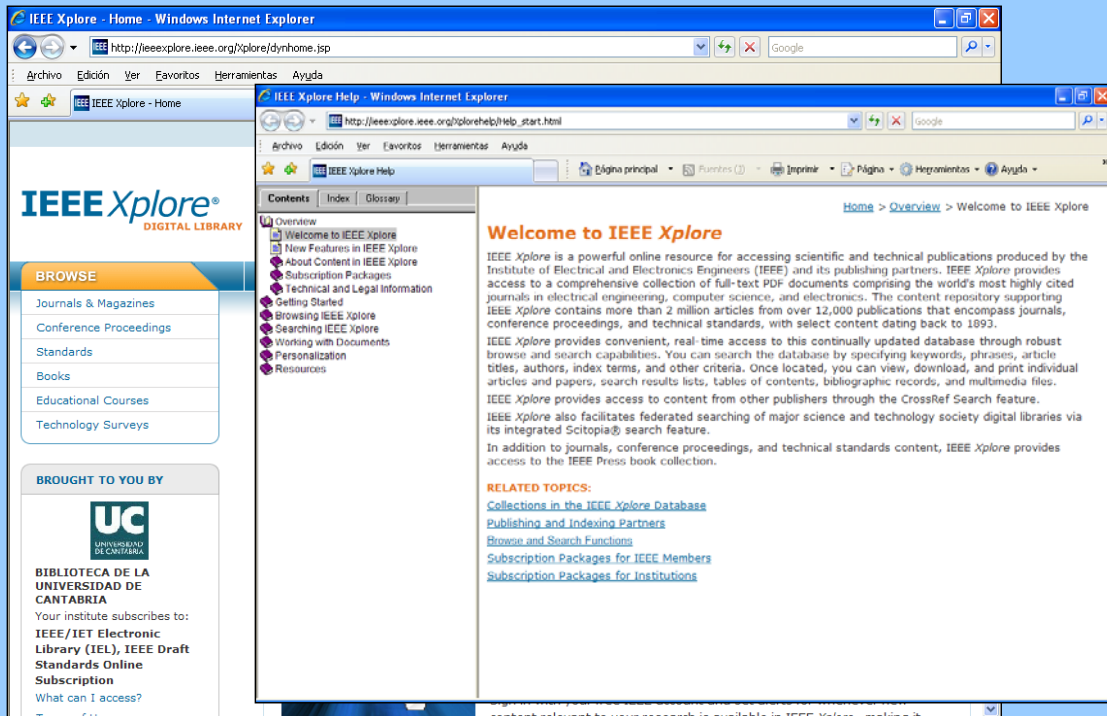
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- 2002
- 2003
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### Comparar los artículos publicados por un autor en las siguientes BBDD:

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- SCOPUS
- IEEE

Cada estudiante elige 1 autor

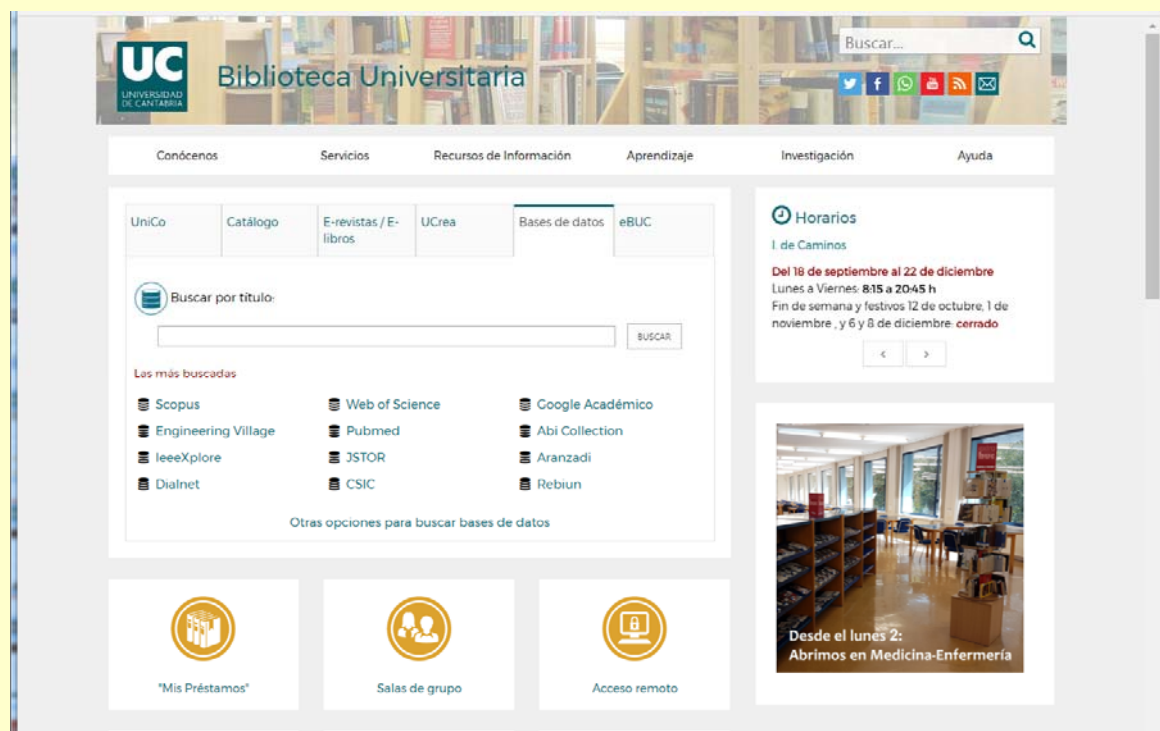
## Ejercicio 4:

Comparar las conferencias publicadas por un autor en las siguientes BBDD:

- Web of Science
- SCOPUS
- IEEE

Cada estudiante elige 1 autor

## Rev. Electrónicas



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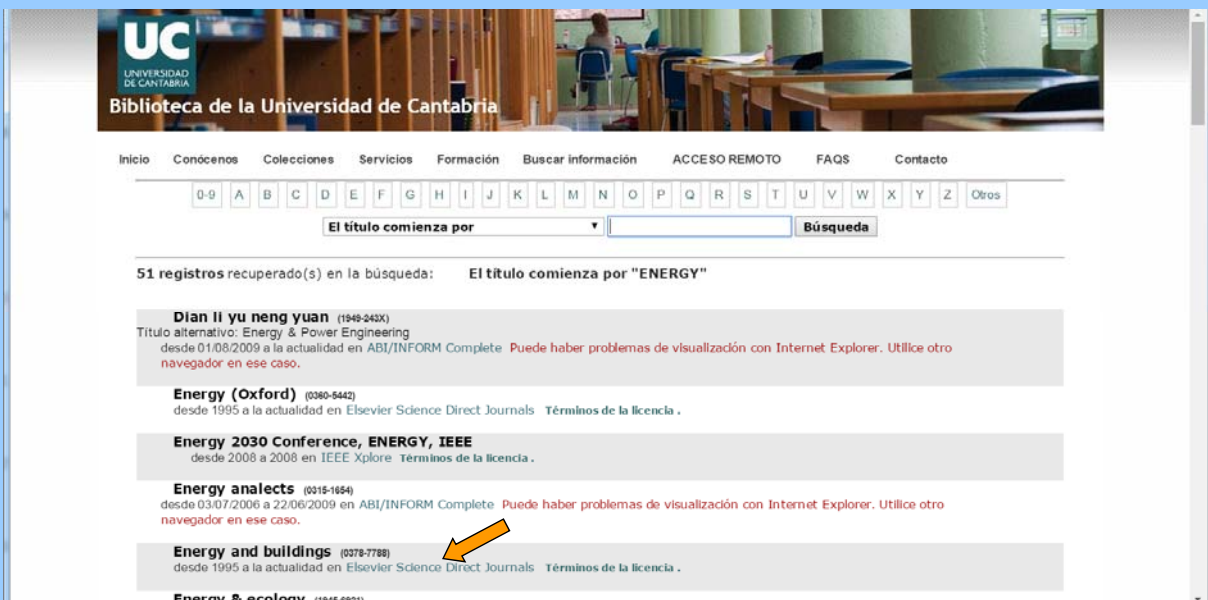
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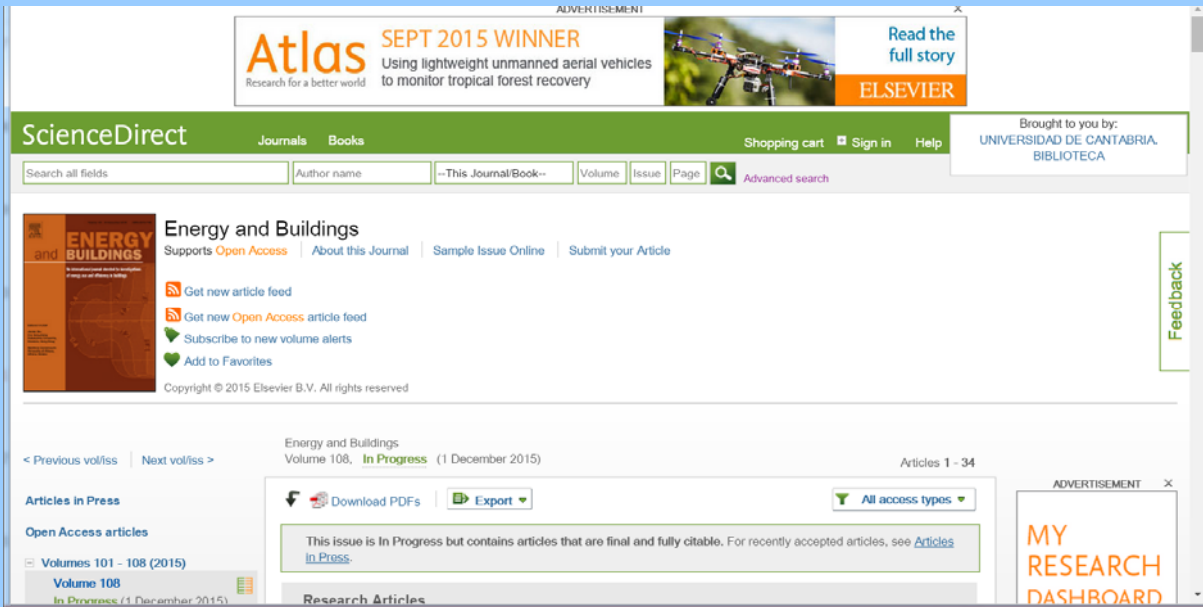
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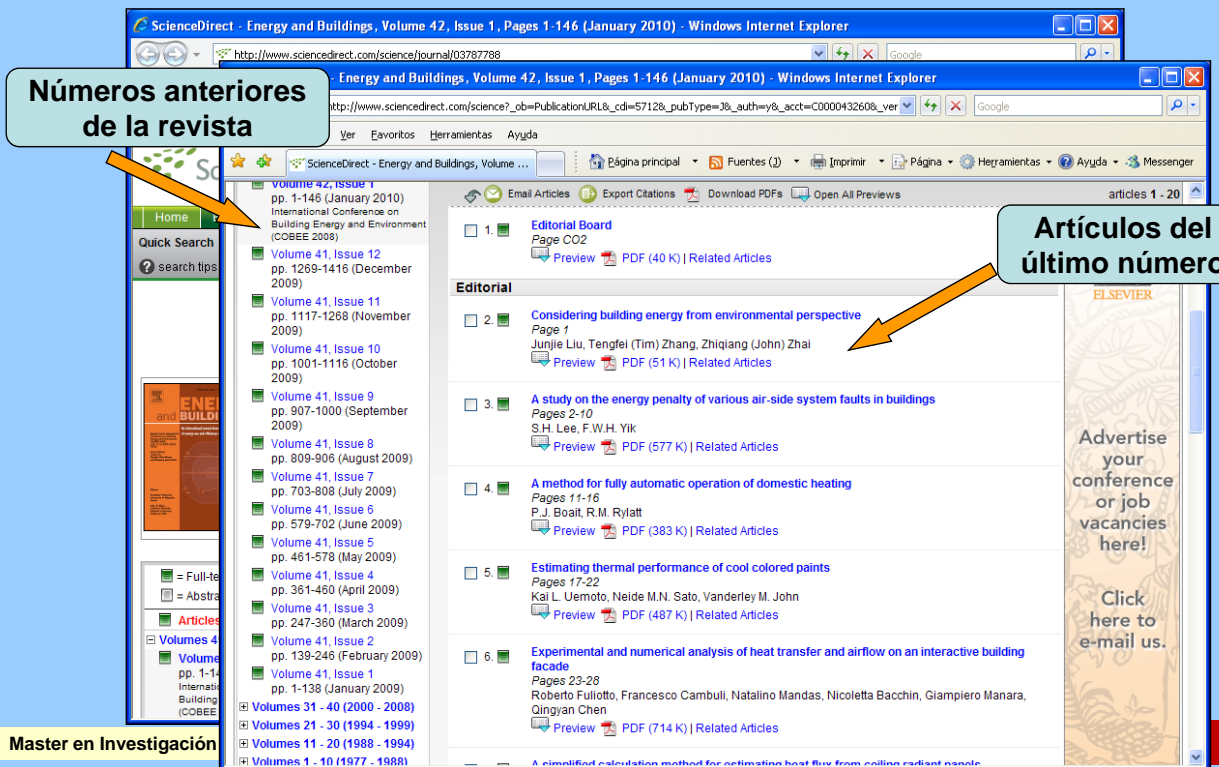
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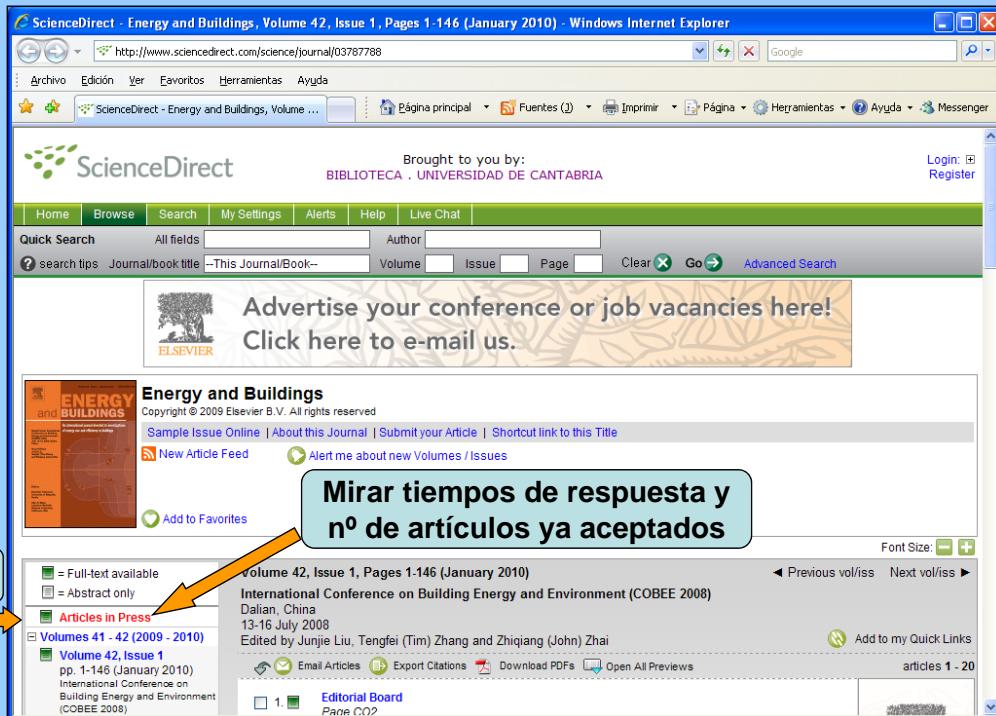
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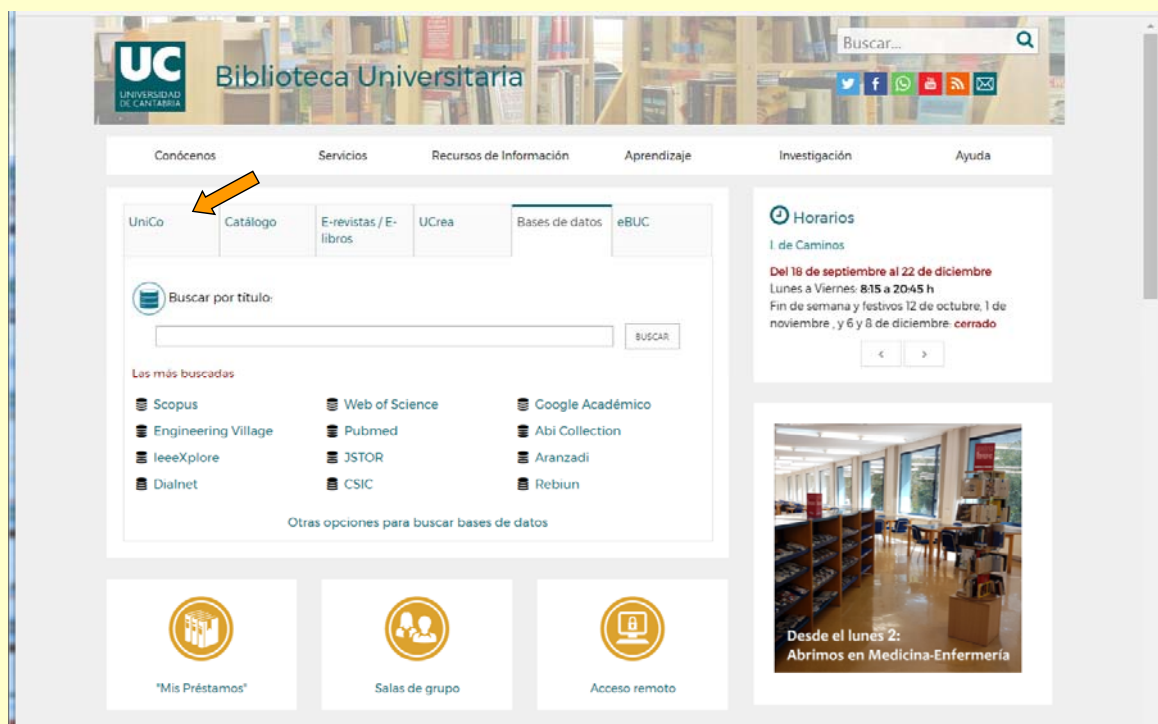
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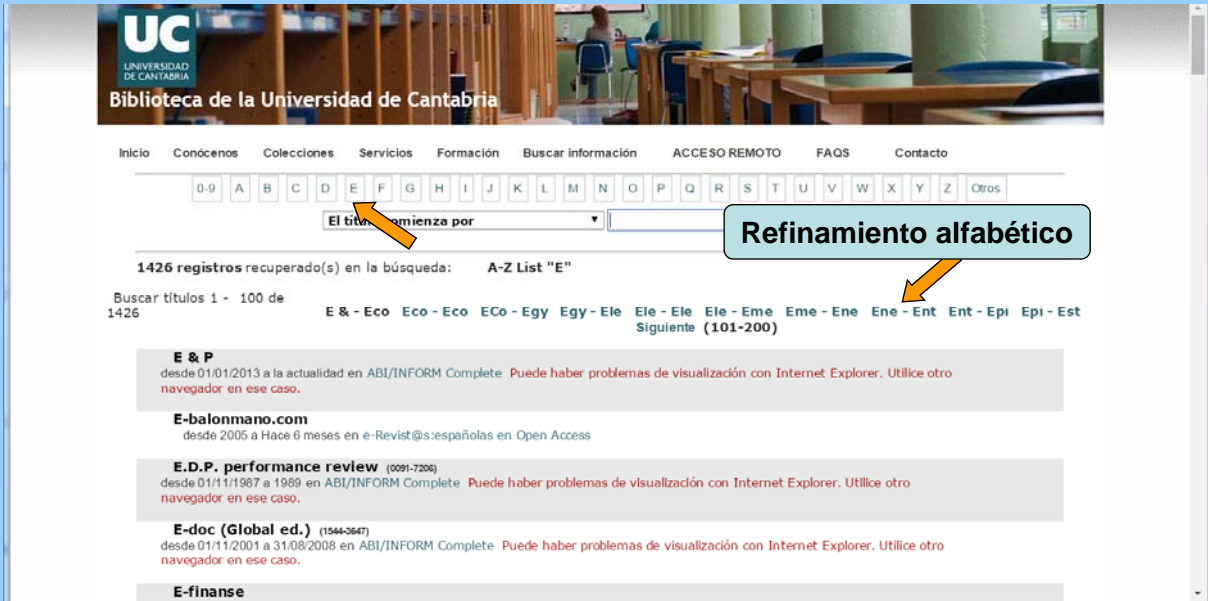
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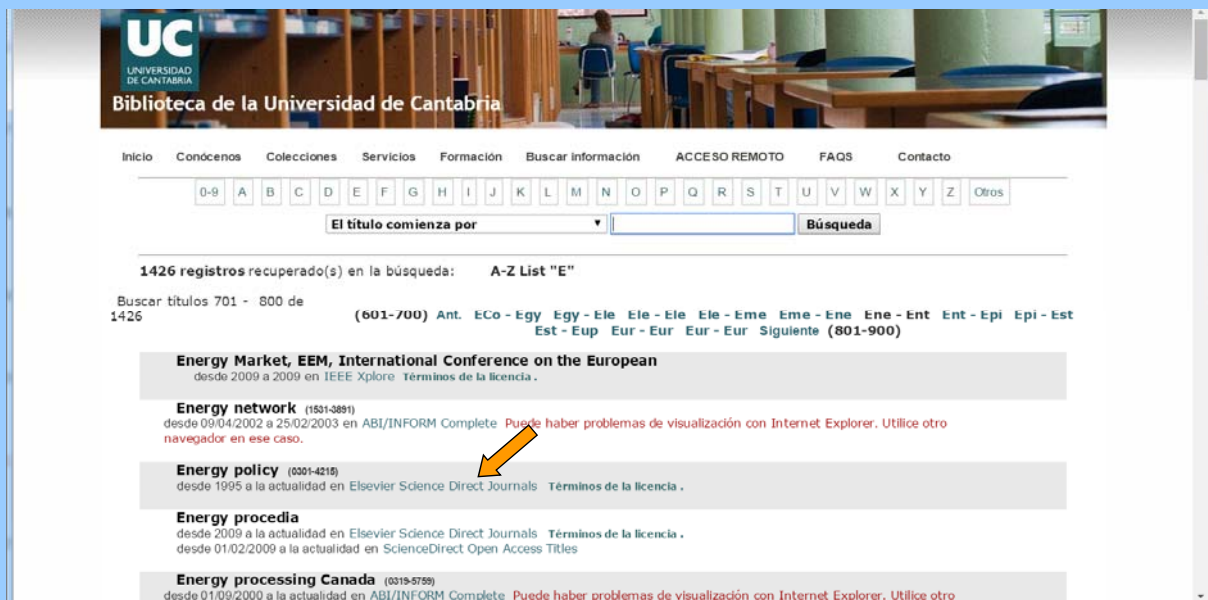
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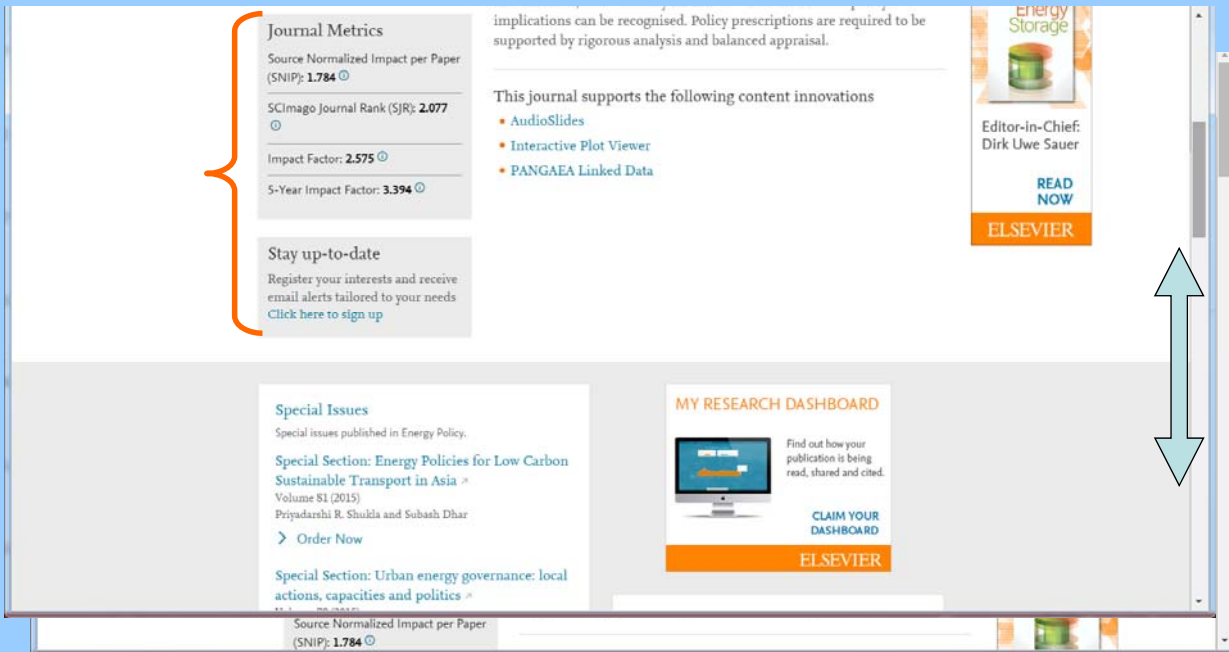
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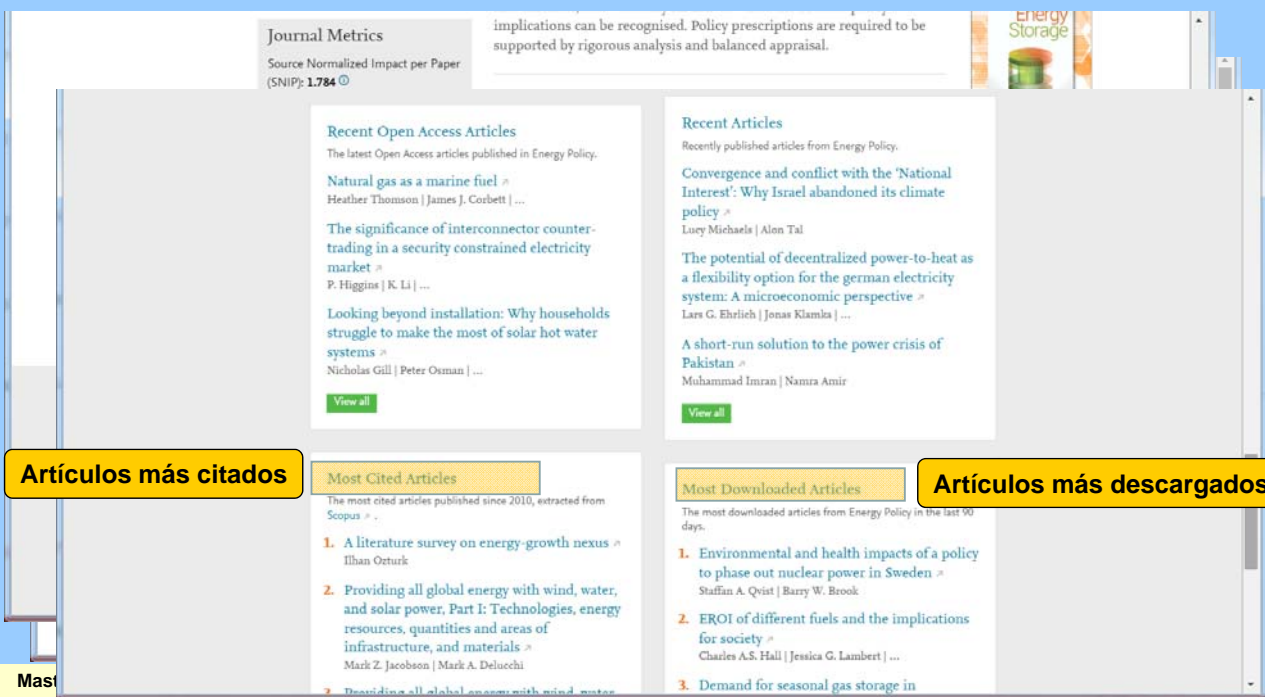
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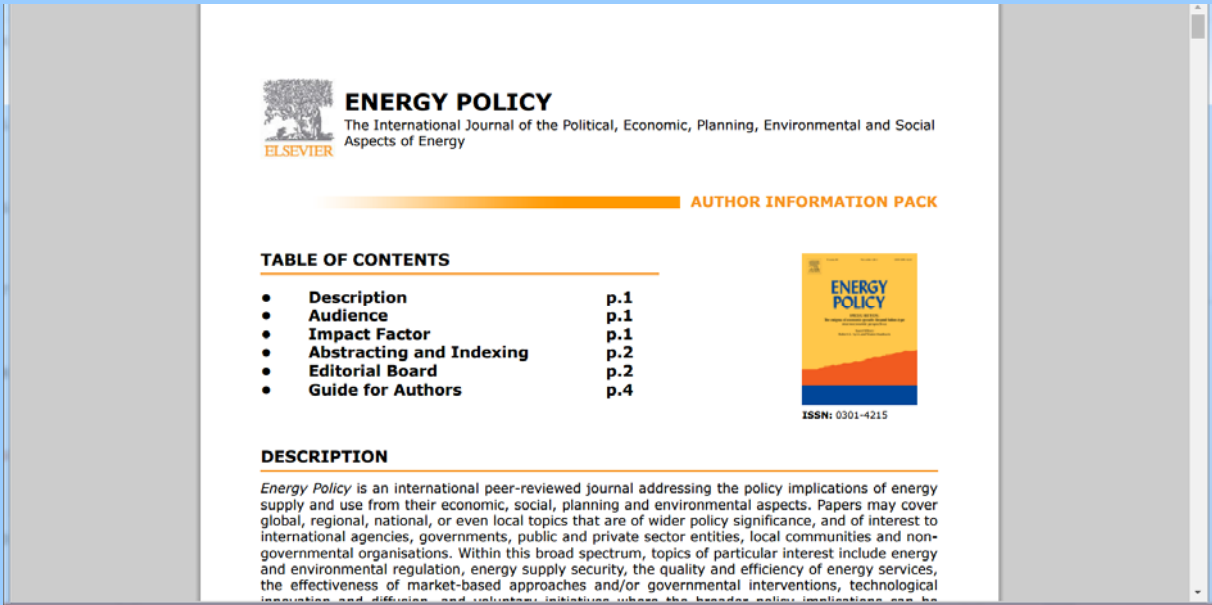
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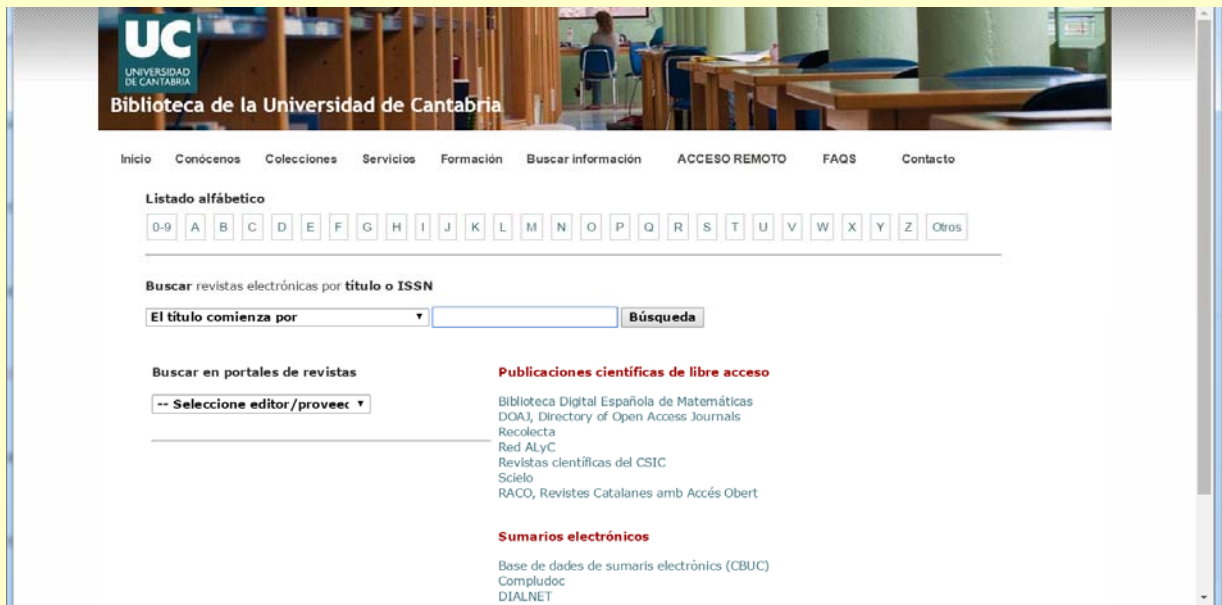
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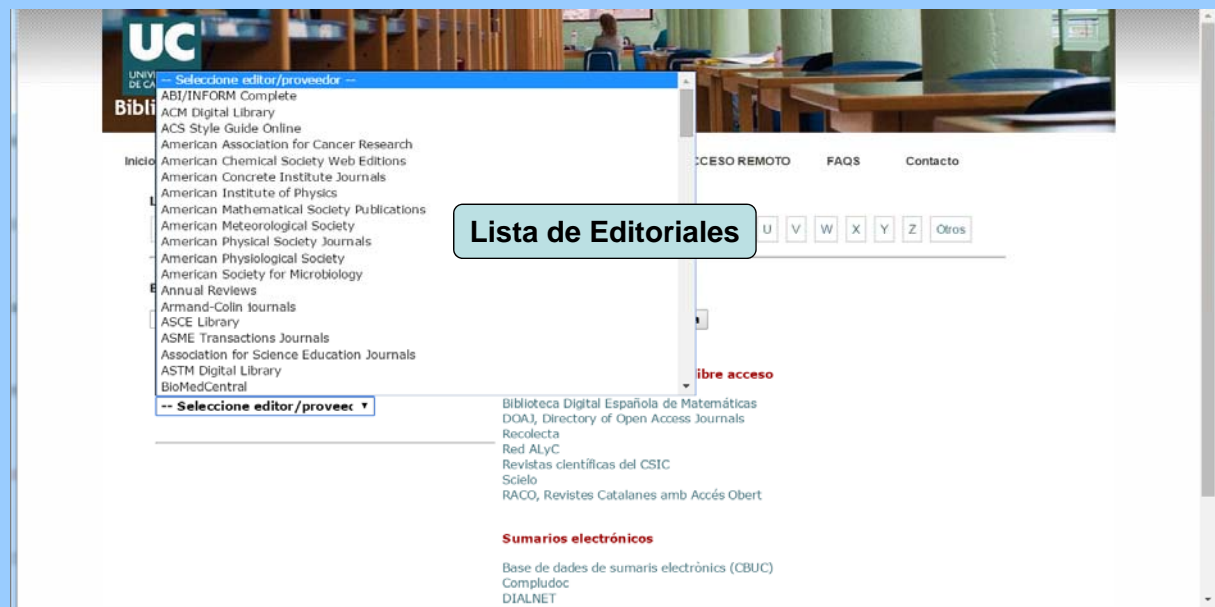
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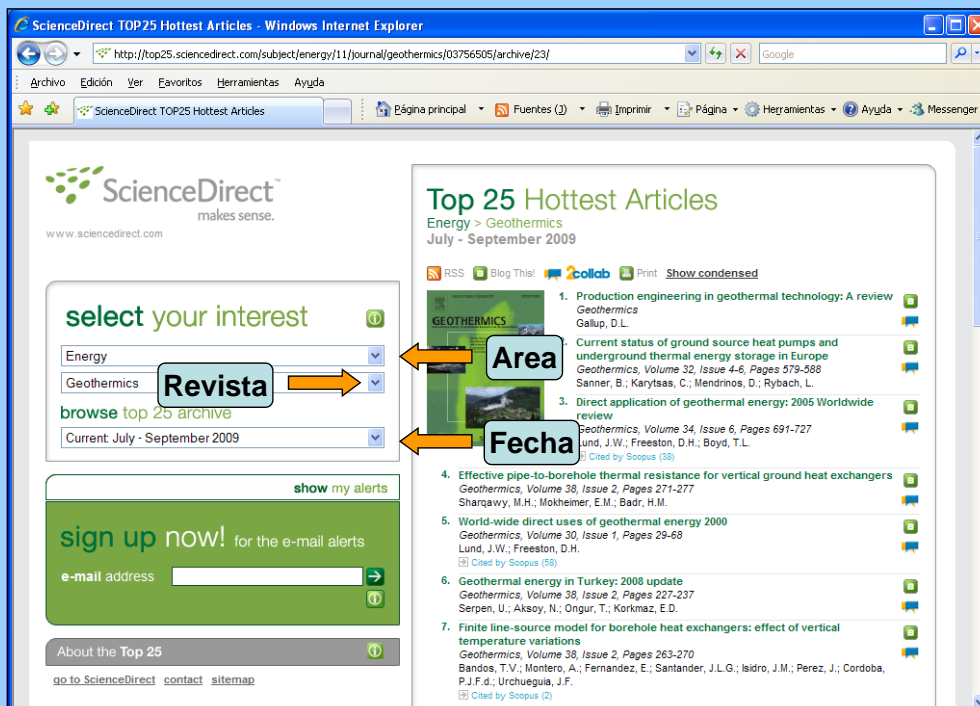
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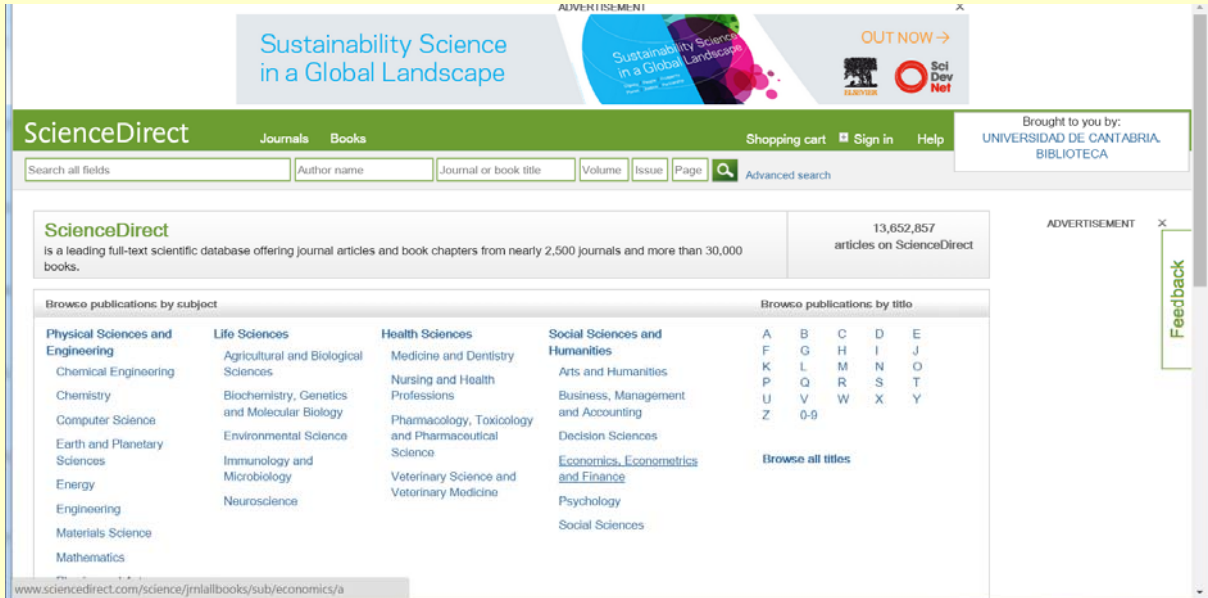
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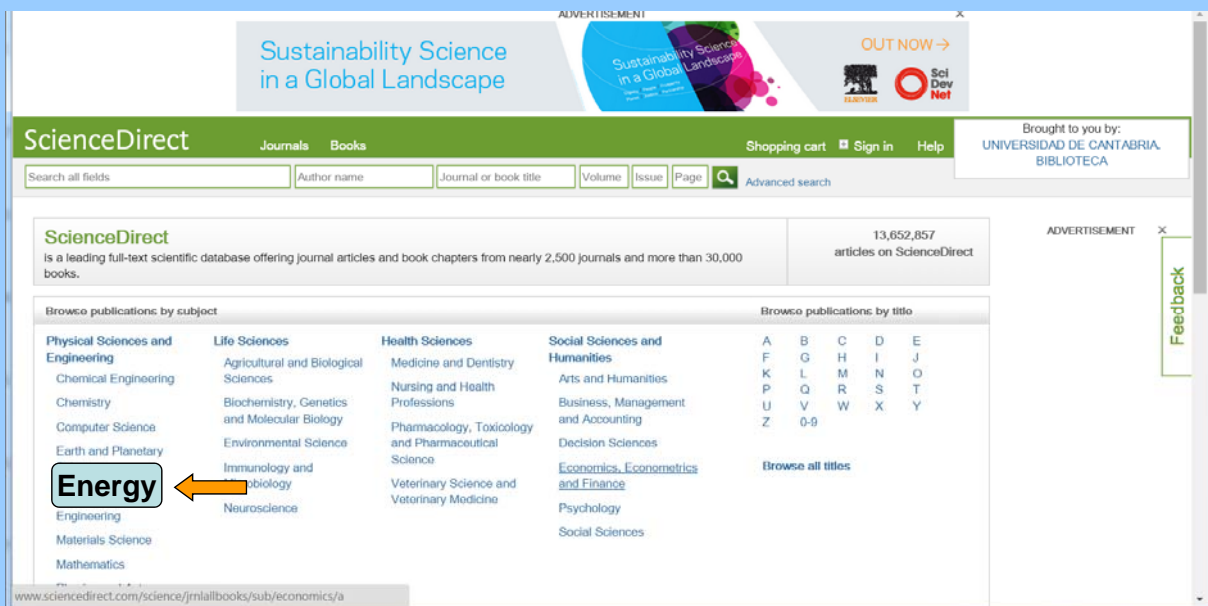
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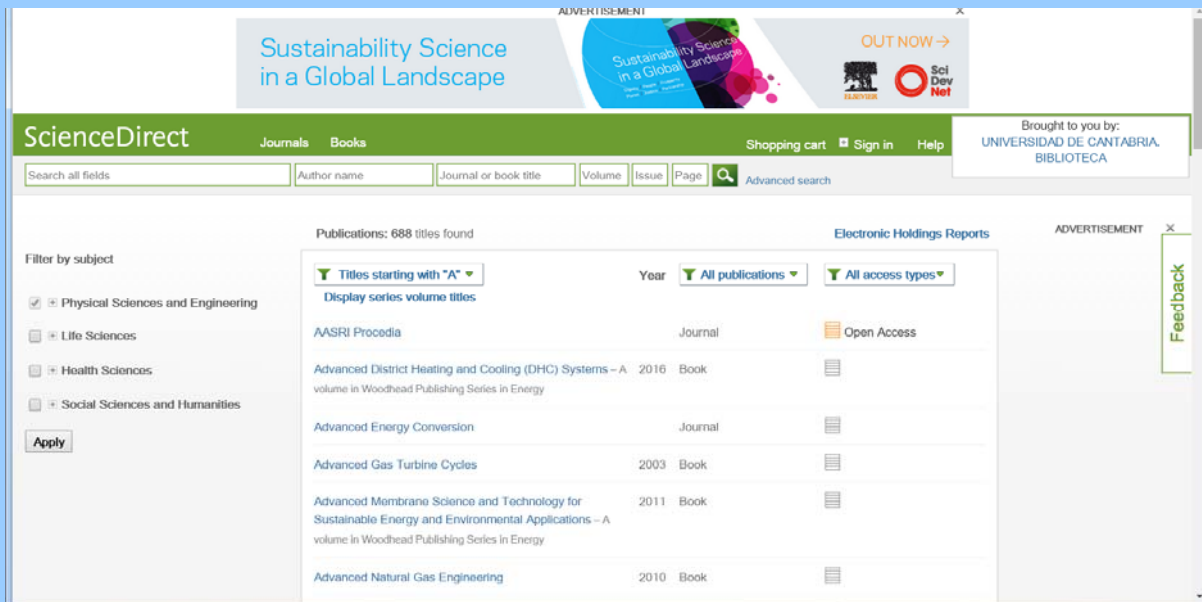
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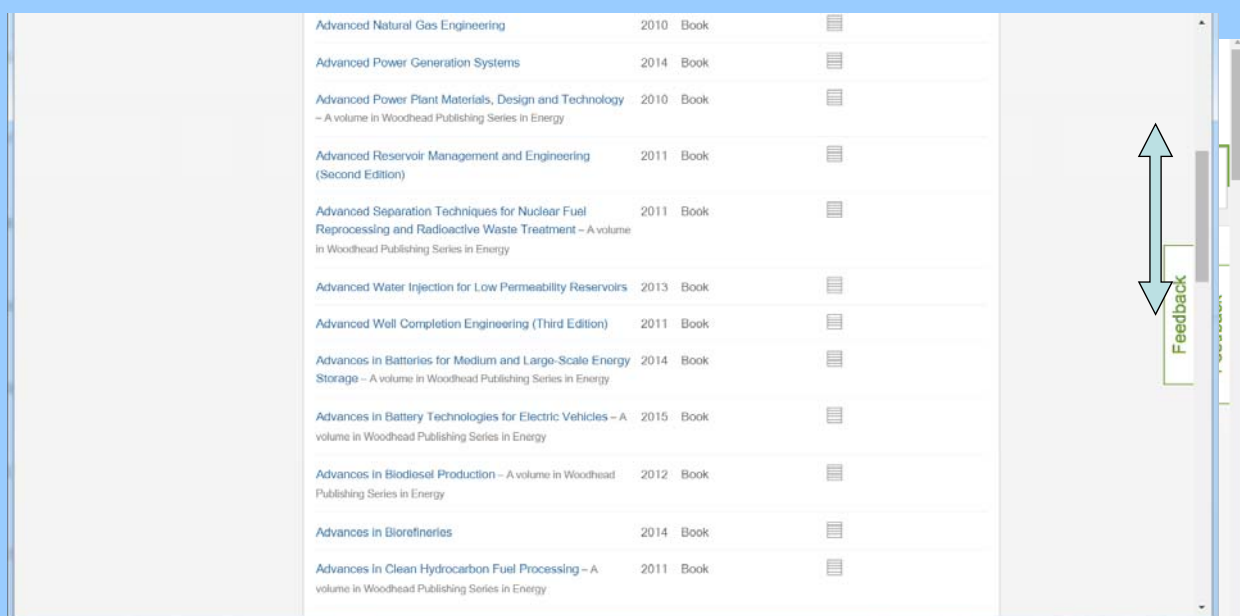
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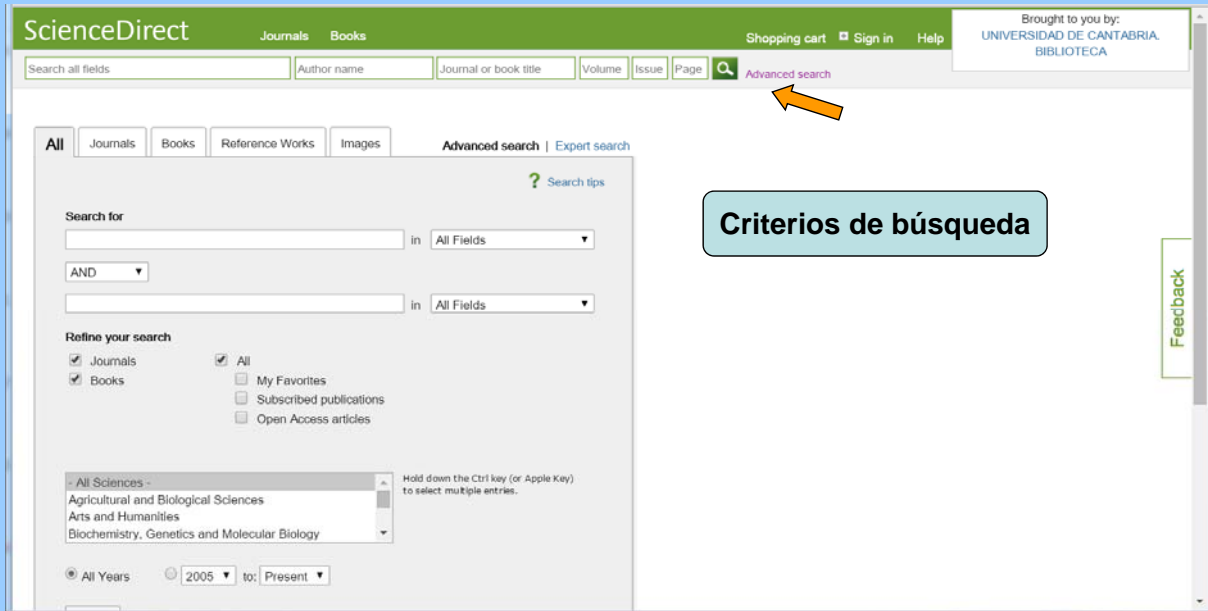
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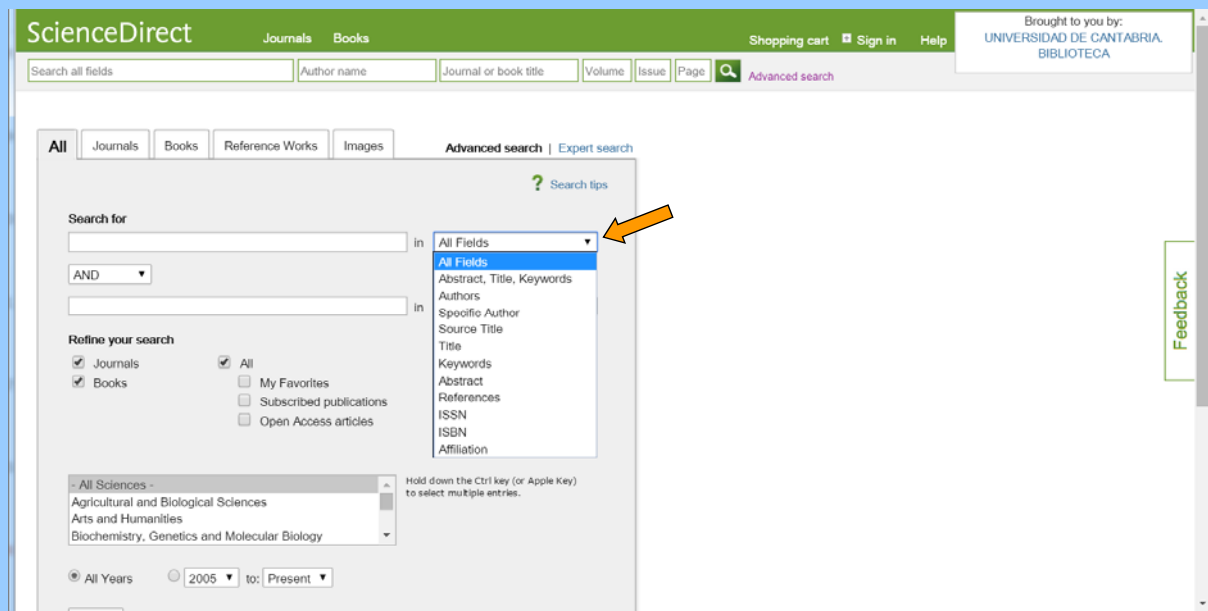
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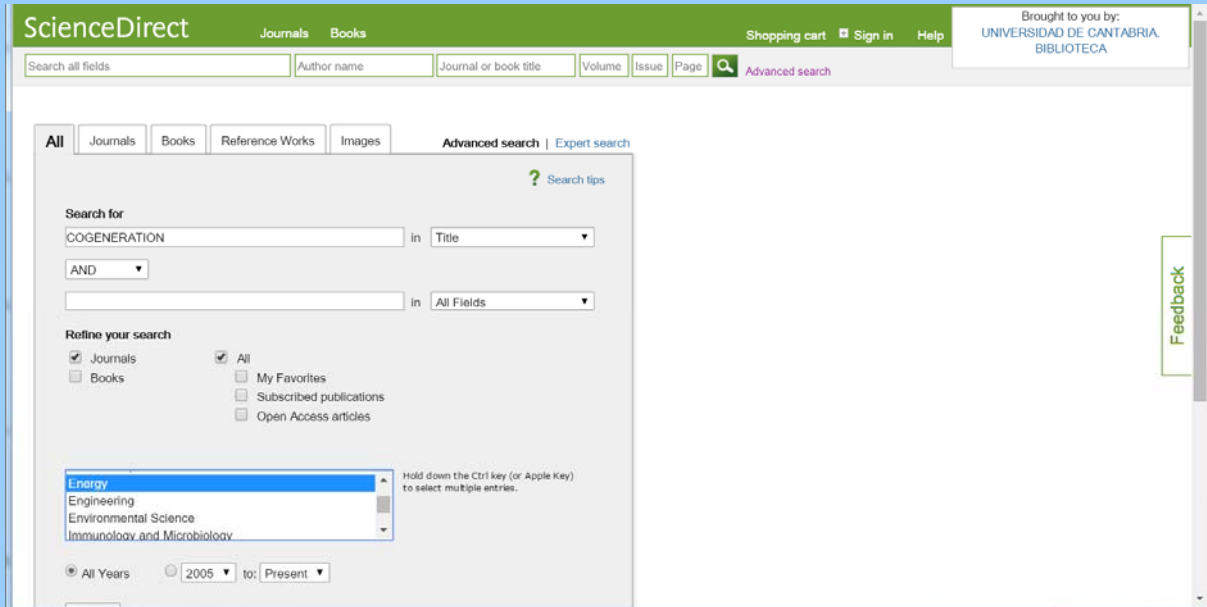
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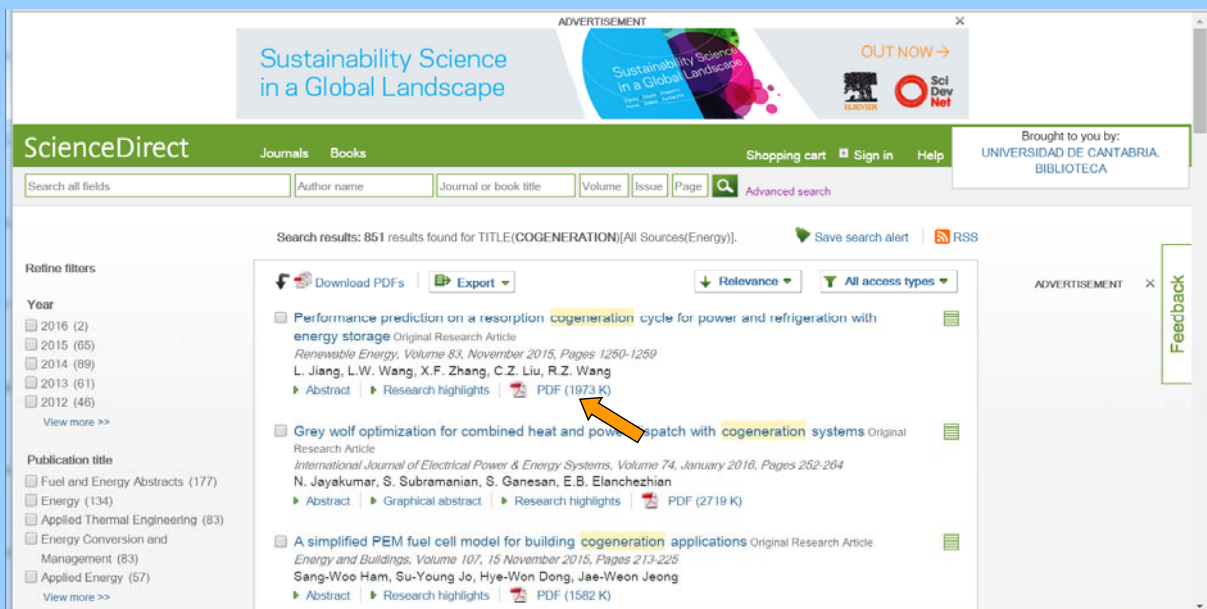
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**Performance prediction on a resorption cogeneration cycle for power and refrigeration with energy storage**

L. Jiang, L.W. Wang\*, X.F. Zhang, C.Z. Liu, R.Z. Wang

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**ABSTRACT**

Energy conversion technologies, especially for power generation and refrigeration, driven by the low temperature heat source are gathering the momentum recently. This paper presents a novel cogeneration cycle combining power and refrigeration with energy storage function.  $\text{MnCl}_2\text{--CaCl}_2\text{--NH}_3$  is selected as the working pair. Phase change materials of "50 wt%  $\text{NaNO}_2 + 50$  wt%  $\text{KNO}_3$ " and "65 mol% capric acid + 35 mol% lauric acid" are chosen for heat and cold storage, respectively. Heat and mass transfer property of composite adsorbents are investigated, and isentropic efficiency of scroll expander is tested by compressed air. Based on experimental results, a cogeneration system with power of 300 W maximum and cooling power of 2 kW is designed and analyzed. Analysis shows that total energy efficiency of cogeneration system increases from 0.316 to 0.376 and energy efficiency decreases from 0.402 to 0.391 when evaporation temperature increases from  $-10$  to  $20$  °C. Cold releasing process is able to last 91 min with cold storage function.

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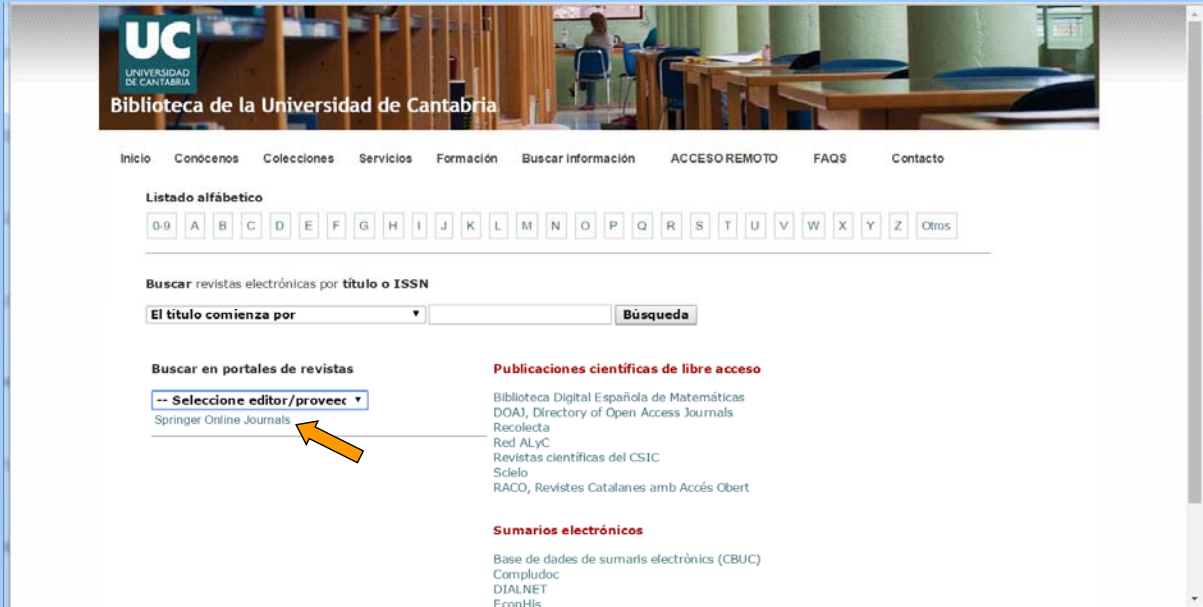
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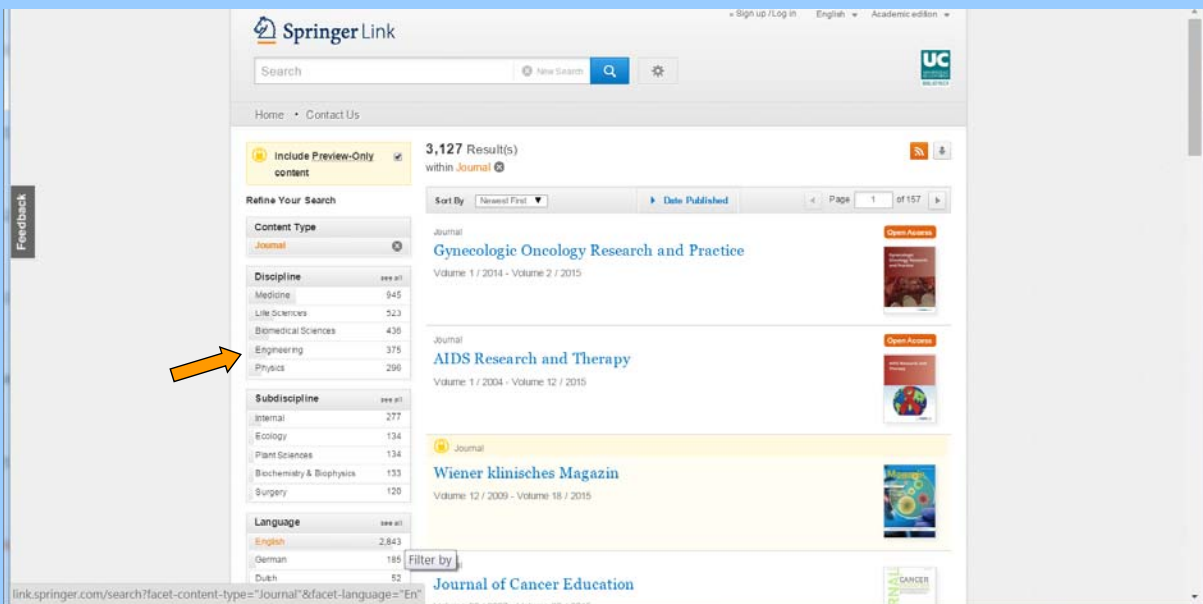
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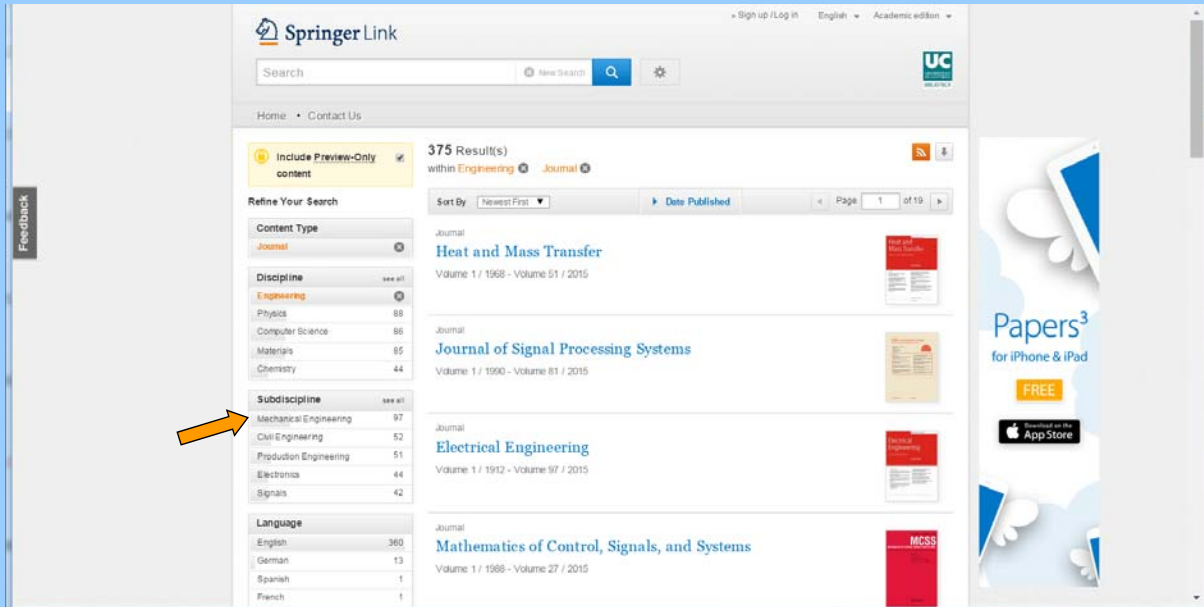
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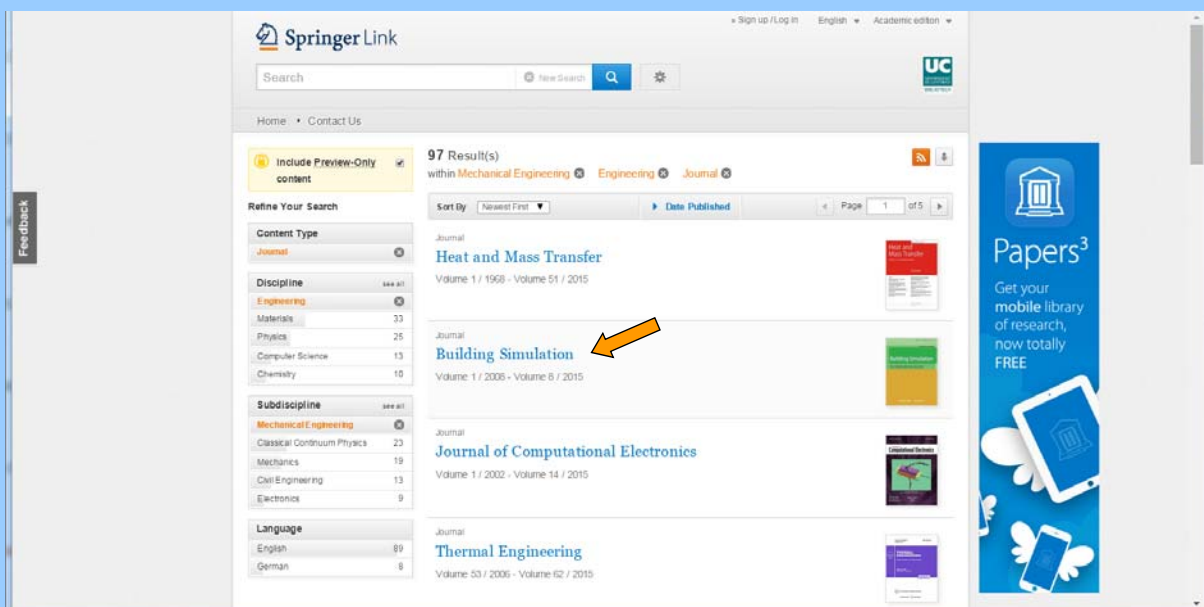
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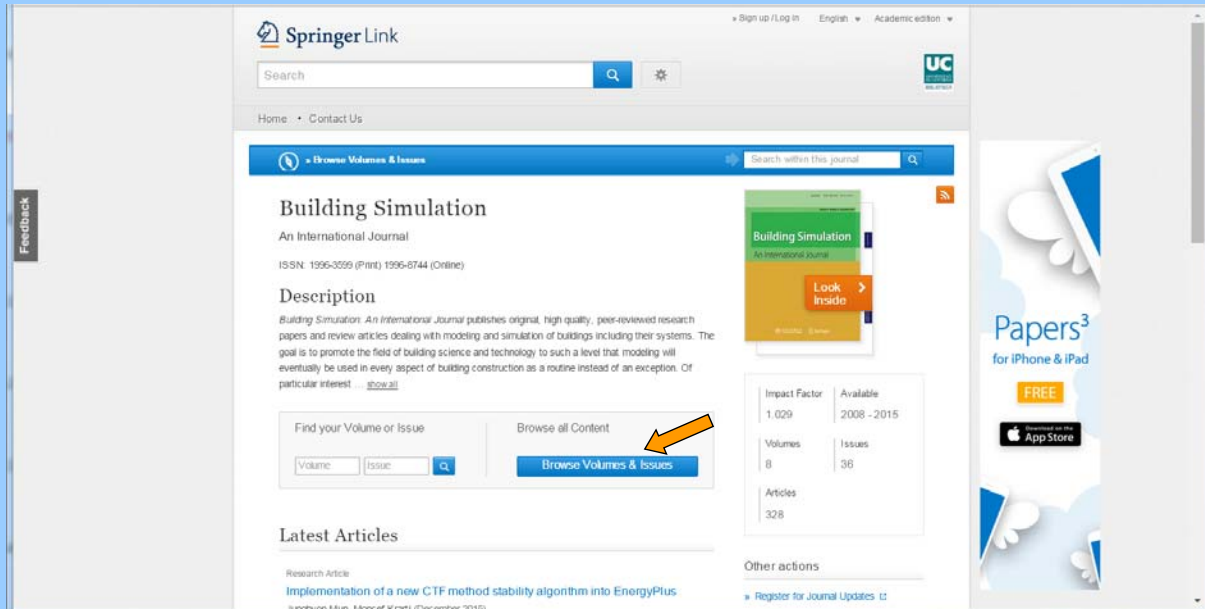
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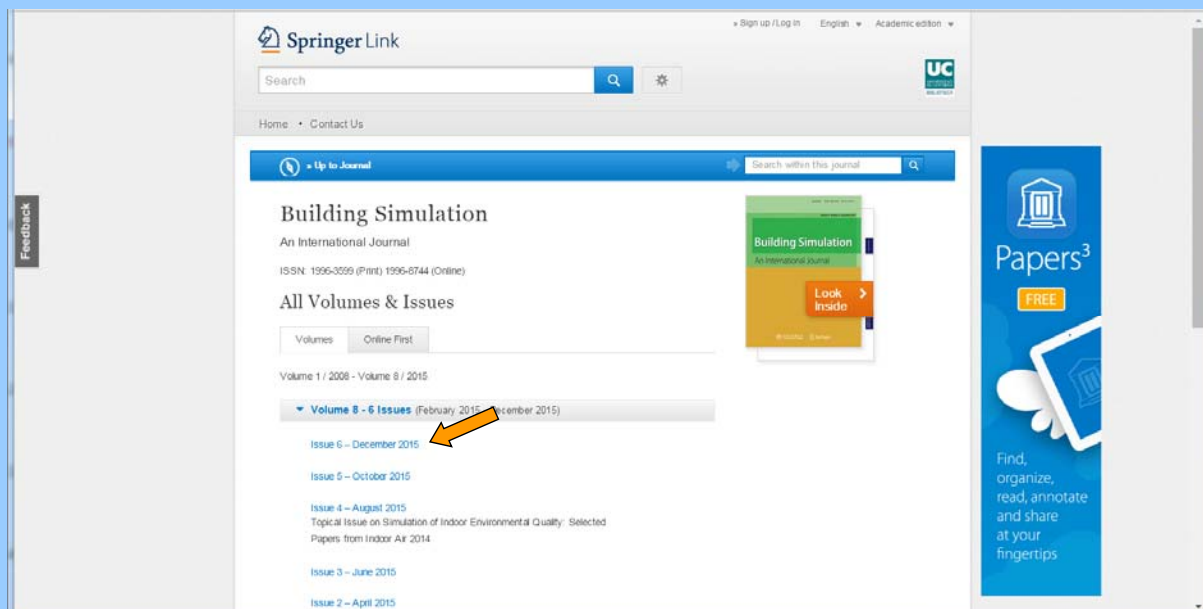
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**A hybrid simulation approach to predict cooling energy demand for public housing in Hong Kong**

Chin To Cheung, Kwok Wai Mui, Ling Tim Wong (✉)

Department of Building Services Engineering, The Hong Kong Polytechnic University, Hong Kong, China

**Abstract**  
The residential sector accounts for a significant and increasing portion of the national energy use. Cooling energy reduction in the public housing sector is one of the key success factors for sustainable building development measures especially in the sub-tropics. This study proposes a hybrid EnergyPlus (EP) – artificial neural network (ANN) model, which is more flexible and time-efficient than the conventional cooling energy simulation methods, for simulating the cooling energy consumption in the Hong Kong public housing sector and evaluates the cooling energy impacts related to building materials, window sizes, indoor-outdoor temperature variations and apartment sizes. The results show that climate changes and temperature set-points have the greatest impact on cooling energy use (–19.9% to 24.1%), followed by flat size combinations (–13.4% to 27.9%). The proposed model can be a useful tool for policymakers to establish sustainable public housing development plans in Hong Kong.

**Keywords**  
climate change, cooling energy prediction, flat size, hybrid EP-ANN model, public housing

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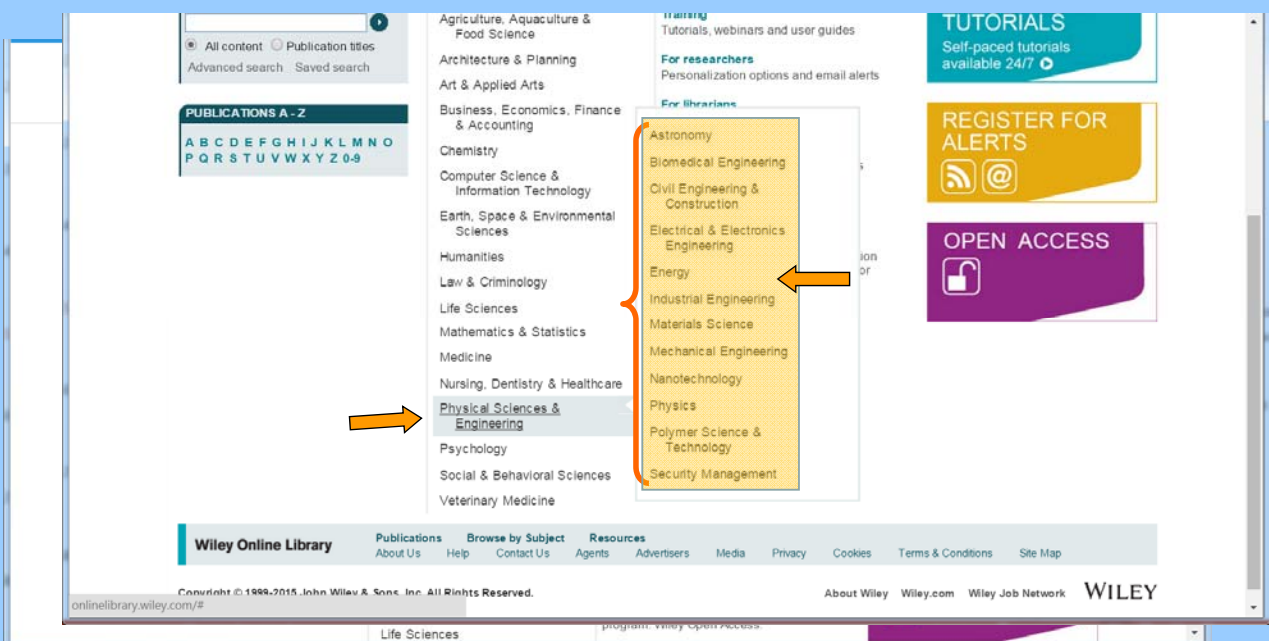
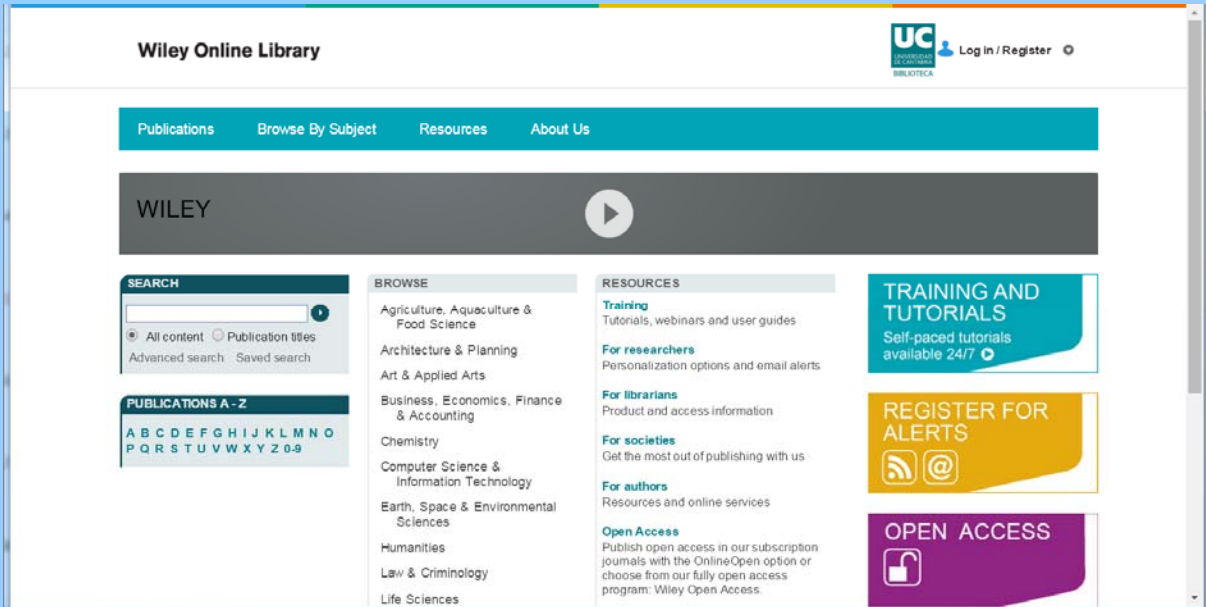
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Taeuon Tak, Jiwon Choe, Yongin Jaeng, Dongkang Lee, T. K. Kim and Seir Gi Hong  
Article first published online: 10 SEP 2015 | DOI: 10.1002/er.3384

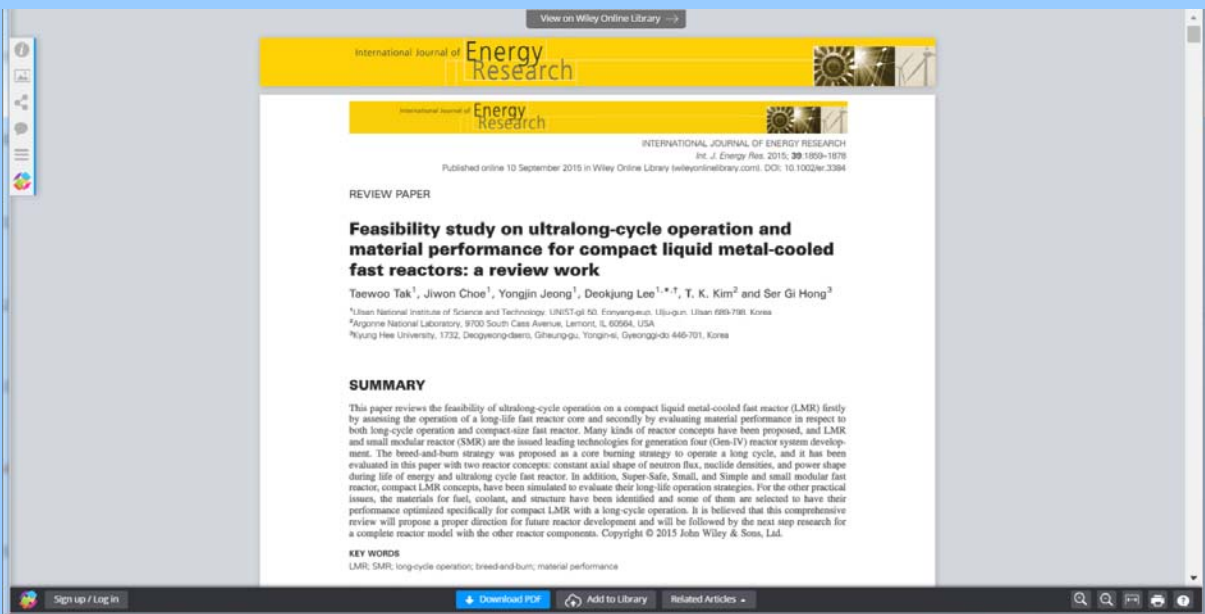
The feasibility of the ultralong-cycle operation and the material determination strategy has been reviewed for a compact liquid metal-cooled fast reactor. It is strongly recommended to develop a compact sodium-cooled fast reactor operating

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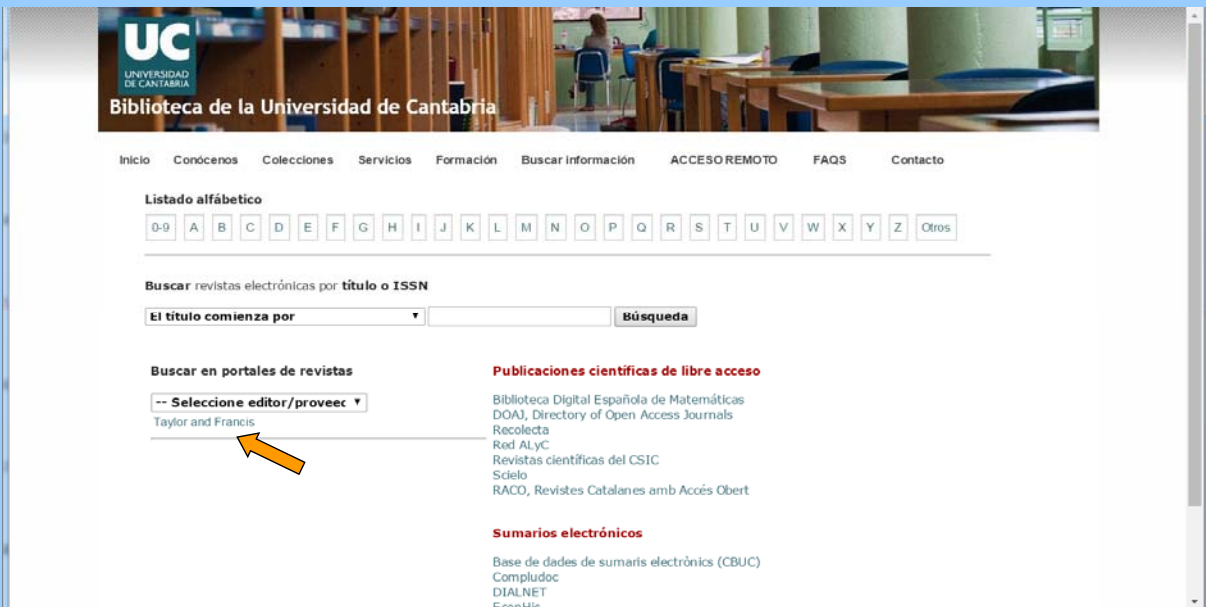
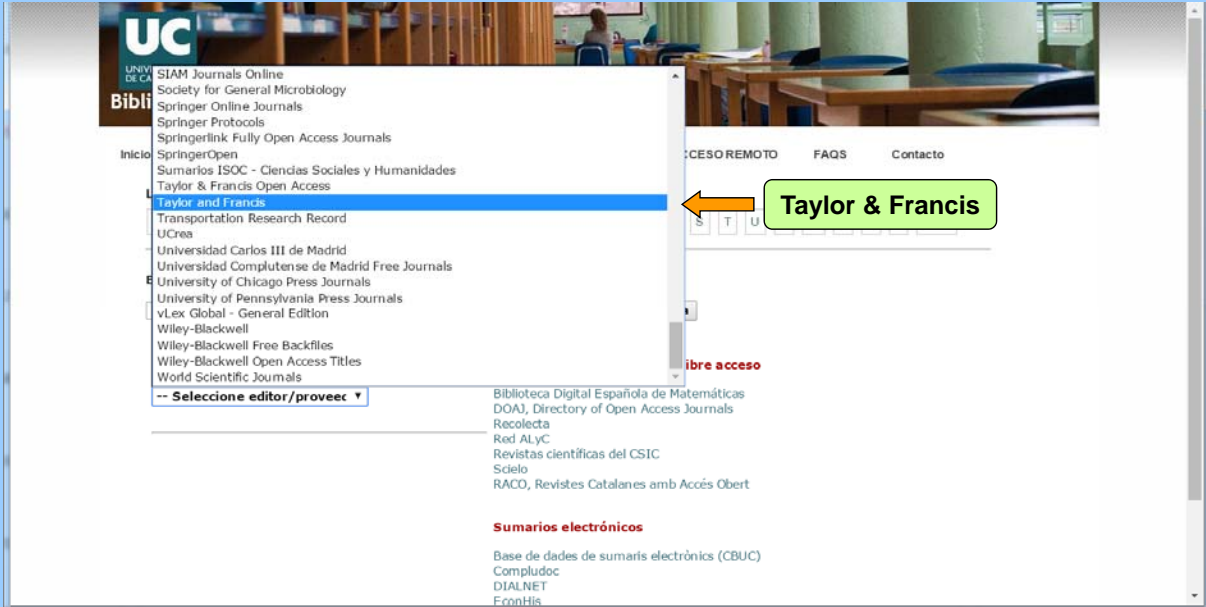


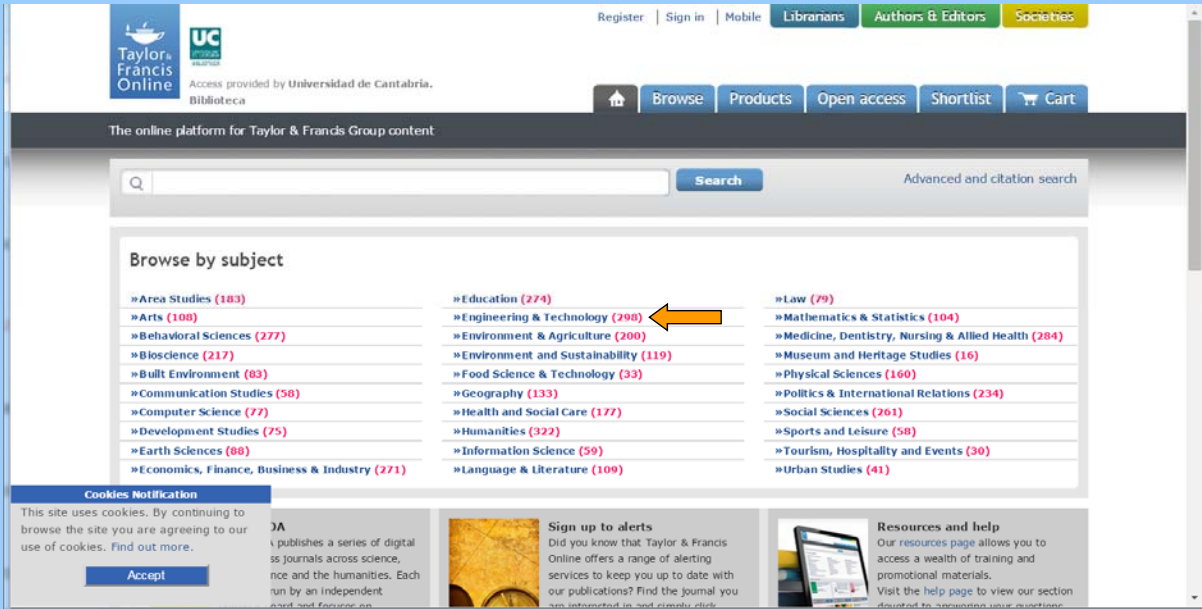


The screenshot shows the Wiley Online Library interface. At the top, there are navigation links for 'Home > Energy > Power Technology & Power Engineering > International Journal of Energy Research > Vol 39 Issue 14 > Abstract'. The article title is 'Feasibility study on ultralong-cycle operation and material performance for compact liquid metal-cooled fast reactors: a review work'. The authors listed are Taewoo Tak<sup>1</sup>, Jiwon Choe<sup>1</sup>, Yongjin Jeong<sup>1</sup>, Deokjung Lee<sup>1,\*†</sup>, T. K. Kim<sup>2</sup> and Ser Gi Hong<sup>3</sup>. The article was first published online on 10 SEP 2015. The DOI is 10.1002/er.3384. The page includes a sidebar with 'JOURNAL TOOLS' (Get New Content Alerts, Get RSS feed, Save to My Profile, Get Sample Copy, Recommend to Your Librarian) and 'JOURNAL MENU' (Journal Home, Find Issues, Find Articles, Get Access, For Contributors, About This Journal, Special Features). At the bottom of the article page, there are links for 'View Full Article (HTML)', 'Enhanced Article (HTML)', and 'Get PDF (3997K)'. An orange arrow points to the 'Get PDF (3997K)' link.



The screenshot shows the full article page. The title is 'Feasibility study on ultralong-cycle operation and material performance for compact liquid metal-cooled fast reactors: a review work'. The authors are Taewoo Tak<sup>1</sup>, Jiwon Choe<sup>1</sup>, Yongjin Jeong<sup>1</sup>, Deokjung Lee<sup>1,\*†</sup>, T. K. Kim<sup>2</sup> and Ser Gi Hong<sup>3</sup>. The article is published online on 10 September 2015 in Wiley Online Library (wileyonlinelibrary.com). The DOI is 10.1002/er.3384. The article is categorized as a 'REVIEW PAPER'. The summary states: 'This paper reviews the feasibility of ultralong-cycle operation on a compact liquid metal-cooled fast reactor (LMR) firstly by assessing the operation of a long-life fast reactor core and secondly by evaluating material performance in respect to both long-cycle operation and compact size fast reactor. Many kinds of reactor concepts have been proposed, and LMR and small modular reactor (SMR) are the issued leading technologies for generation four (Gen-IV) reactor system development. The breed-and-burn strategy was proposed as a core burning strategy to operate a long cycle, and it has been evaluated in this paper with two reactor concepts: constant axial shape of neutron flux, nuclide densities, and power shape during life of energy and ultralong cycle fast reactor. In addition, Super-Safe, Small, and Simple and small modular fast reactor, compact LMR concepts, have been simulated to evaluate their long-life operation strategies. For the other practical issues, the materials for fuel, coolant, and structure have been identified and some of them are selected to have their performance optimized specifically for compact LMR with a long-cycle operation. It is believed that this comprehensive review will propose a proper direction for future reactor development and will be followed by the next step research for a complete reactor model with the other reactor components. Copyright © 2015 John Wiley & Sons, Ltd.' The key words are LMR, SMR, long-cycle operation, breed-and-burn, material performance. At the bottom, there are links for 'Download PDF', 'Add to Library', and 'Related Articles'.





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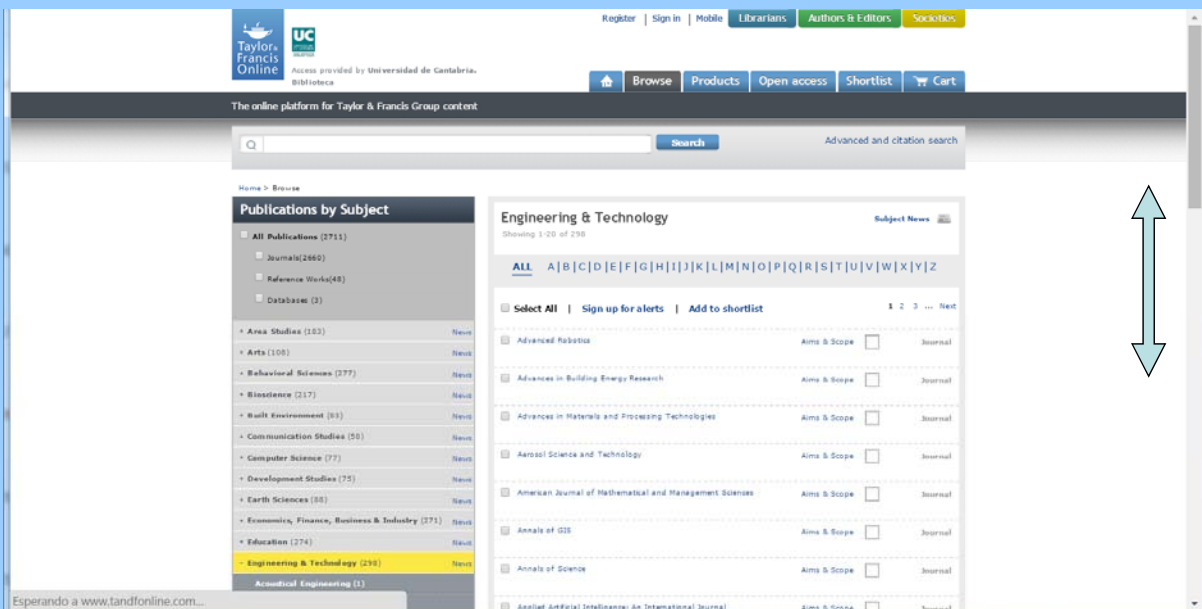
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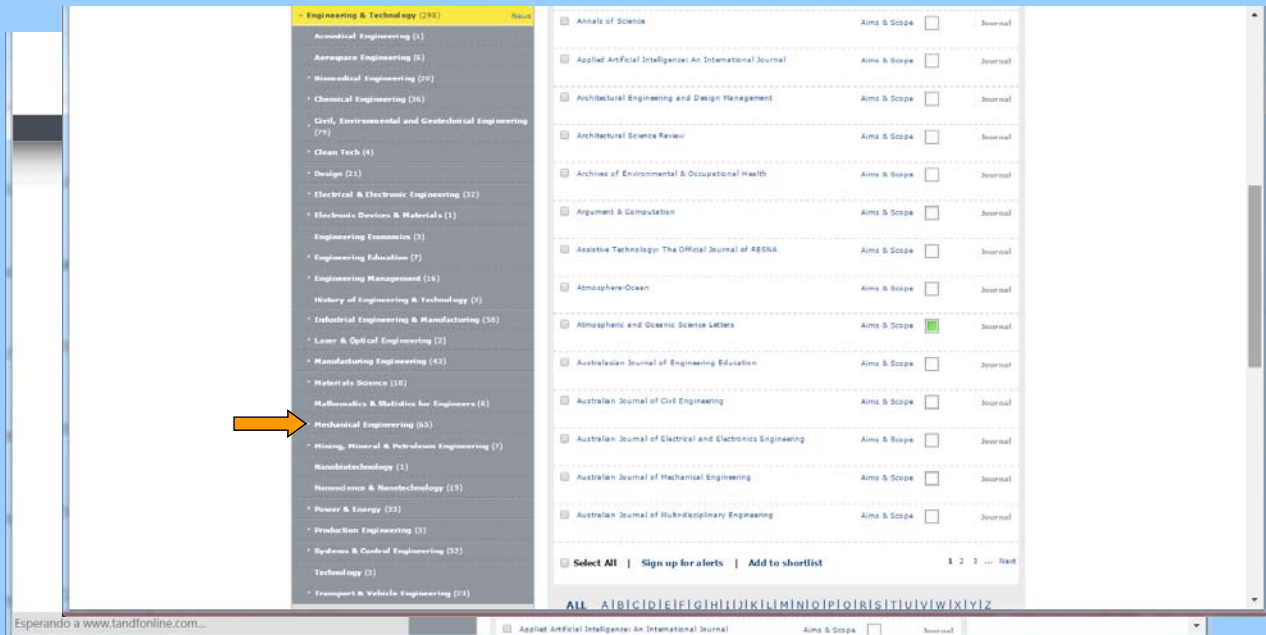
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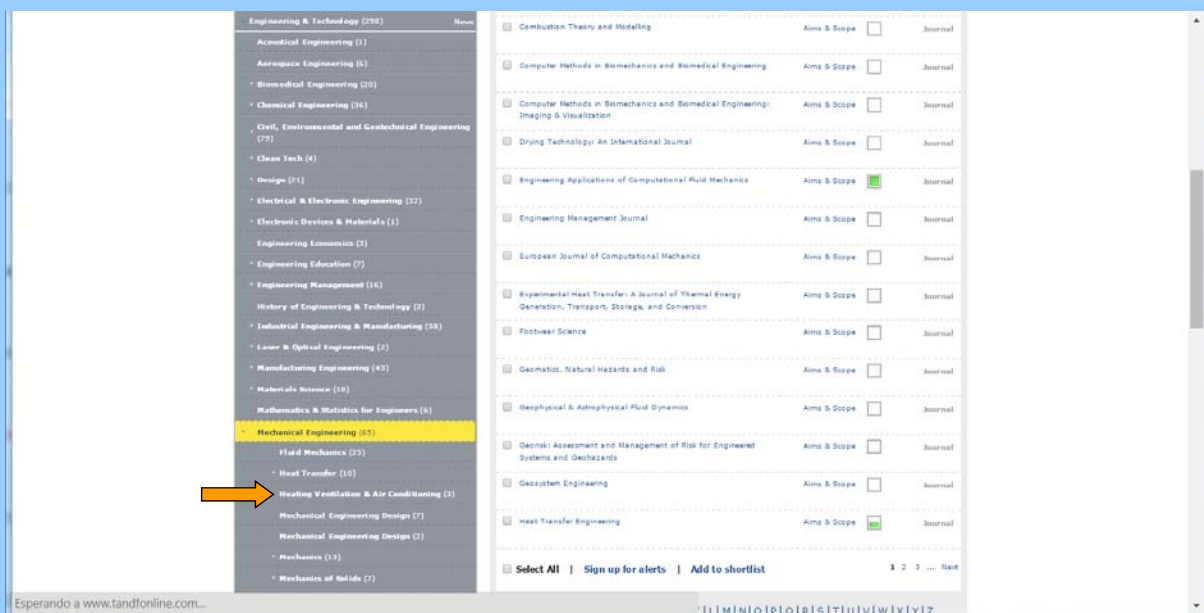
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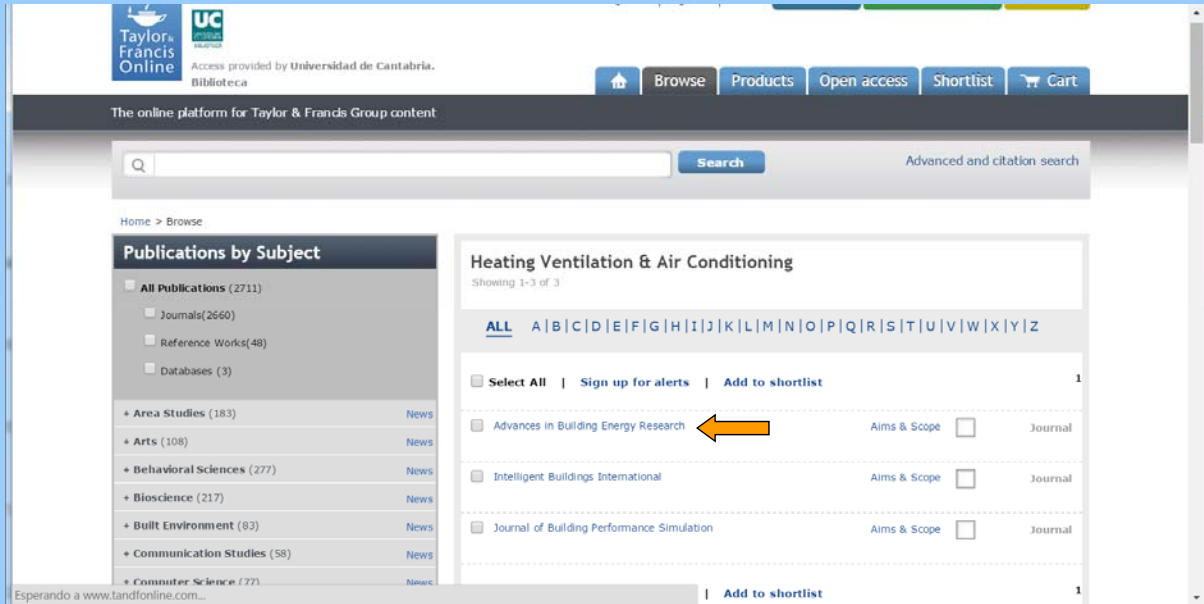
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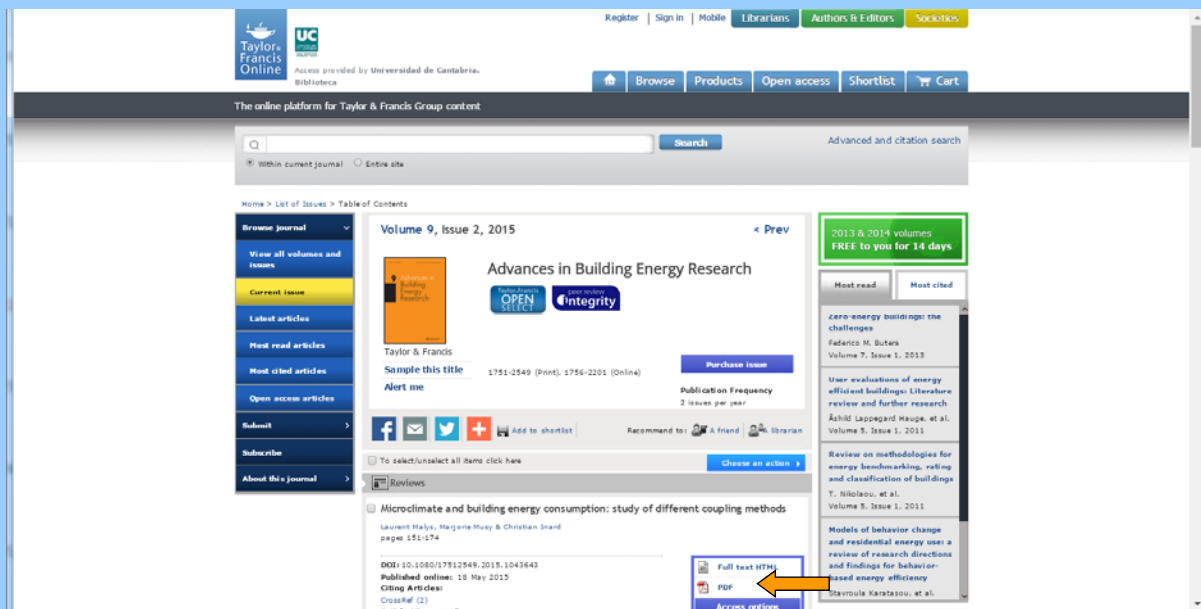
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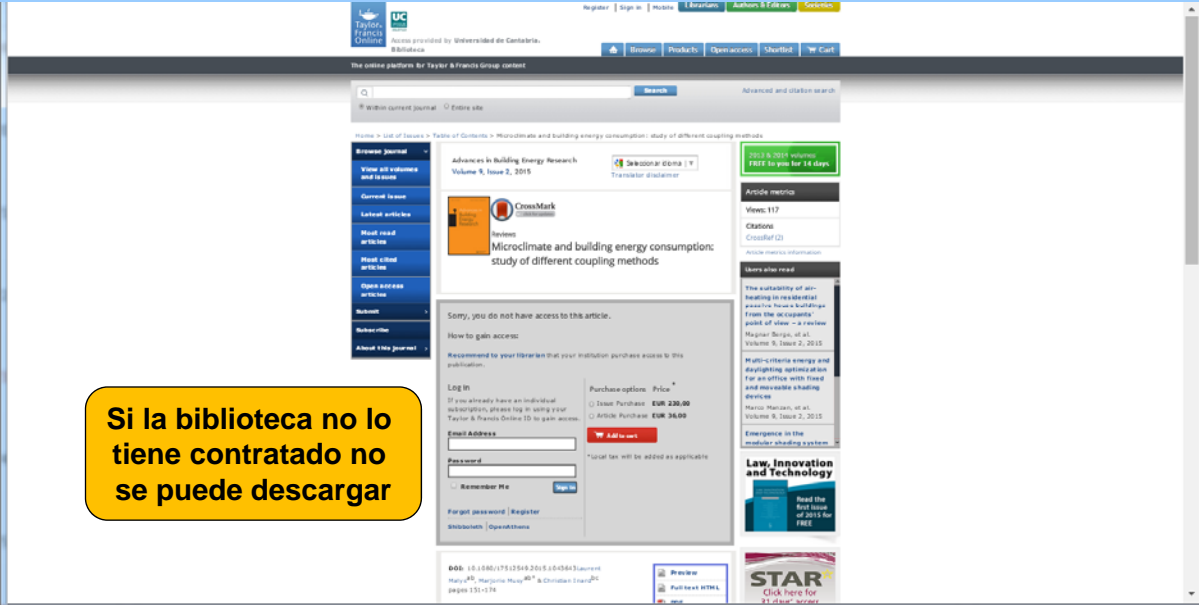


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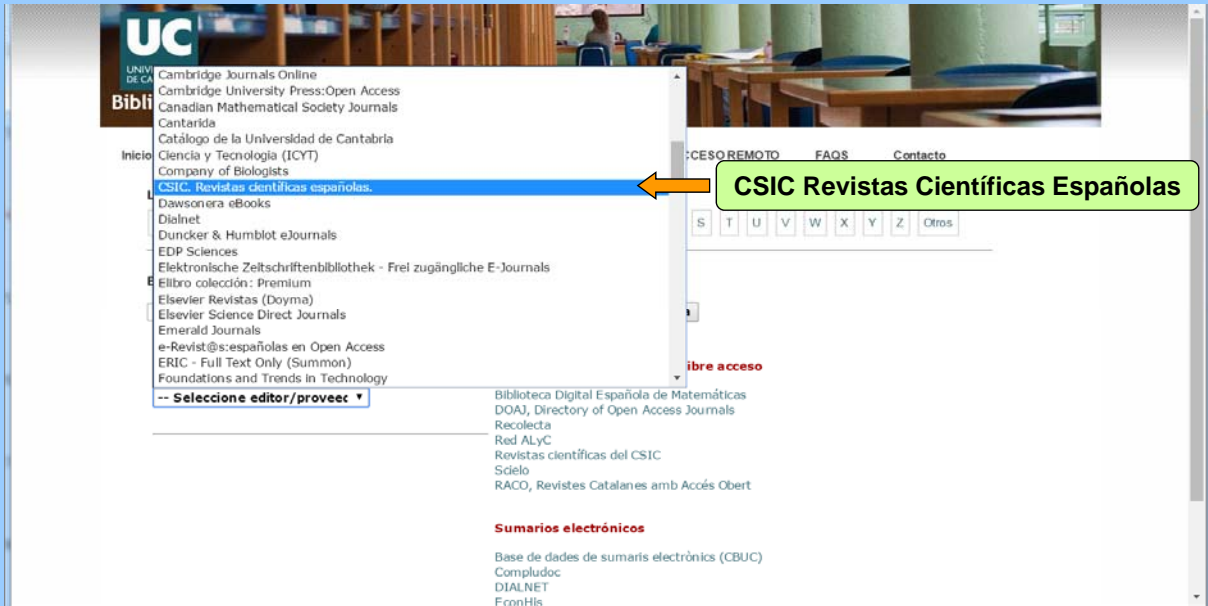


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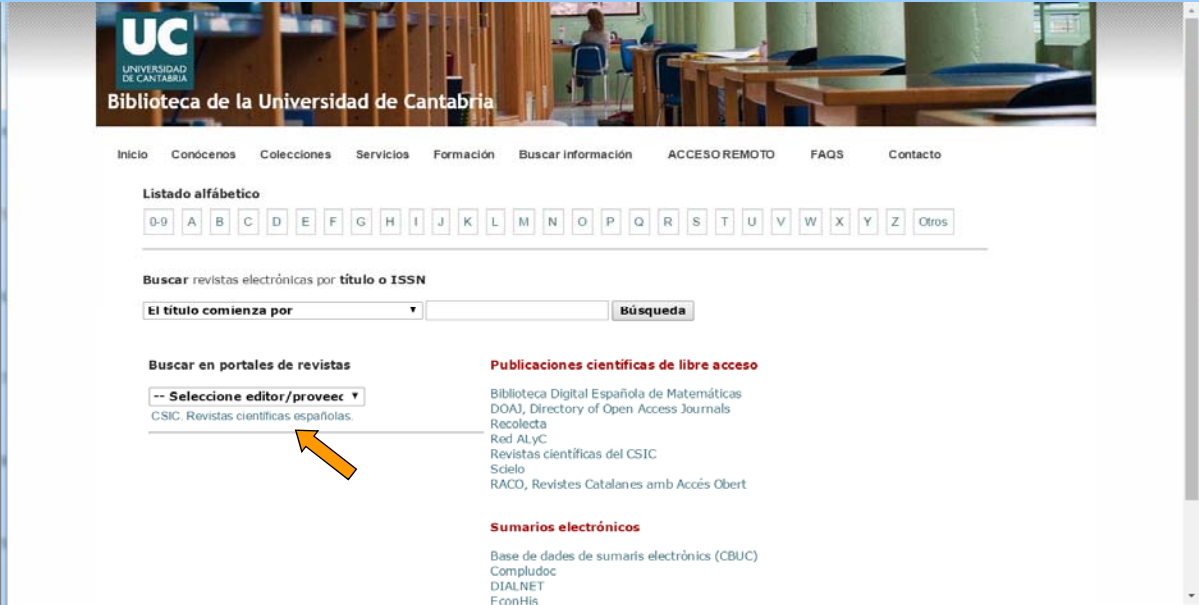




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**Vol 67, No 539 (2015)**  
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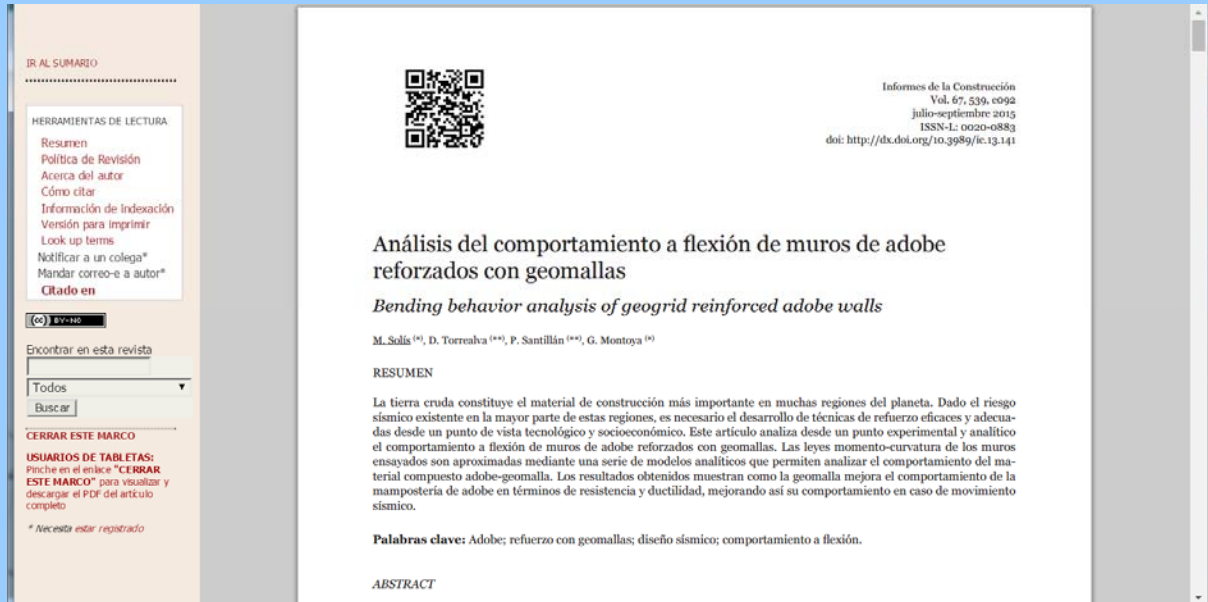
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**Análisis del comportamiento a flexión de muros de adobe reforzados con geomallas**  
*Bending behavior analysis of geogrid reinforced adobe walls*

M. Salís <sup>(\*)</sup>, D. Torrealva <sup>(\*\*)</sup>, P. Santillán <sup>(\*\*\*)</sup>, G. Montoya <sup>(\*)</sup>

**RESUMEN**

La tierra cruda constituye el material de construcción más importante en muchas regiones del planeta. Dado el riesgo sísmico existente en la mayor parte de estas regiones, es necesario el desarrollo de técnicas de refuerzo eficaces y adecuadas desde un punto de vista tecnológico y socioeconómico. Este artículo analiza desde un punto experimental y analítico el comportamiento a flexión de muros de adobe reforzados con geomallas. Las leyes momento-curvatura de los muros ensayados son aproximadas mediante una serie de modelos analíticos que permiten analizar el comportamiento del material compuesto adobe-geomalla. Los resultados obtenidos muestran como la geomalla mejora el comportamiento de la mampostería de adobe en términos de resistencia y ductilidad, mejorando así su comportamiento en caso de movimiento sísmico.

**Palabras clave:** Adobe; refuerzo con geomallas; diseño sísmico; comportamiento a flexión.

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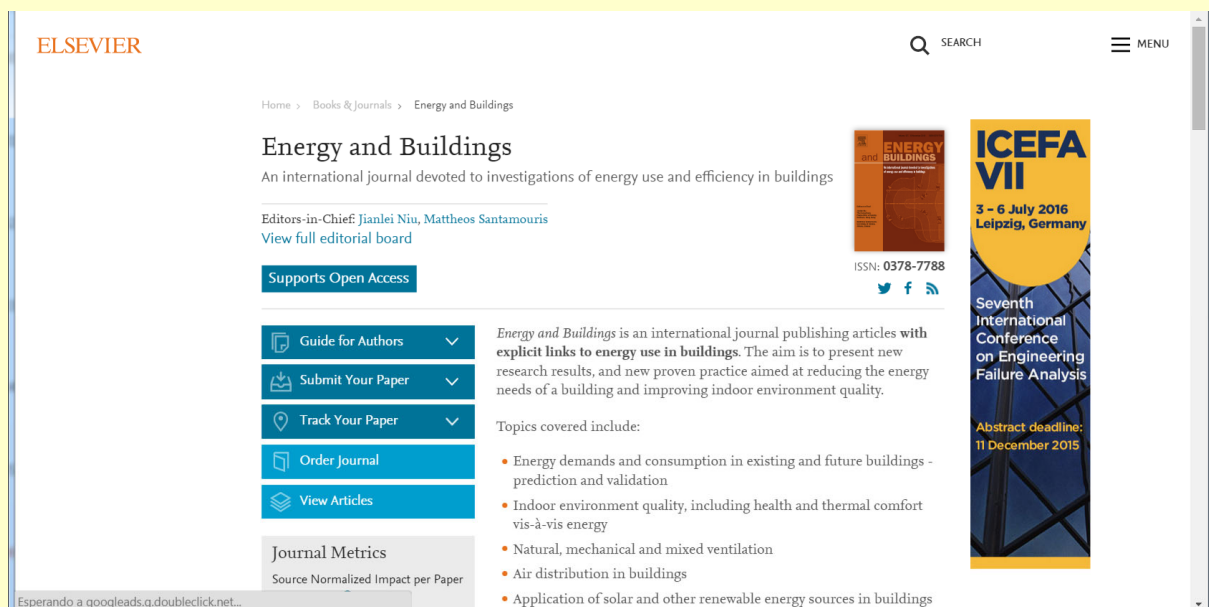
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- Indoor environment quality, including health and thermal comfort vis-à-vis energy
- Natural, mechanical and mixed ventilation

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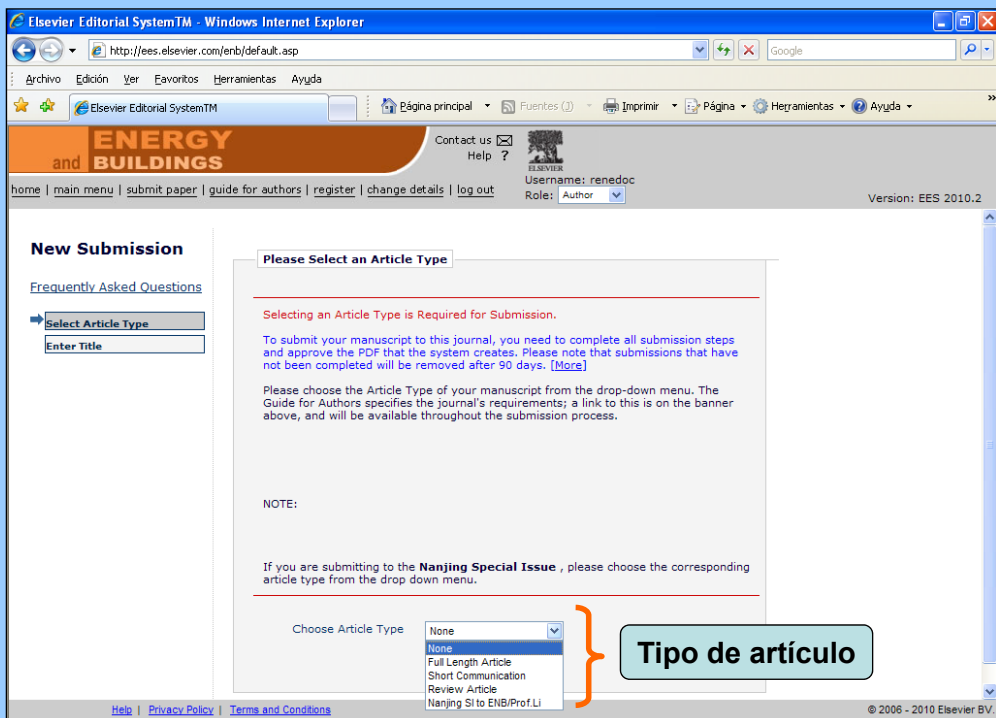
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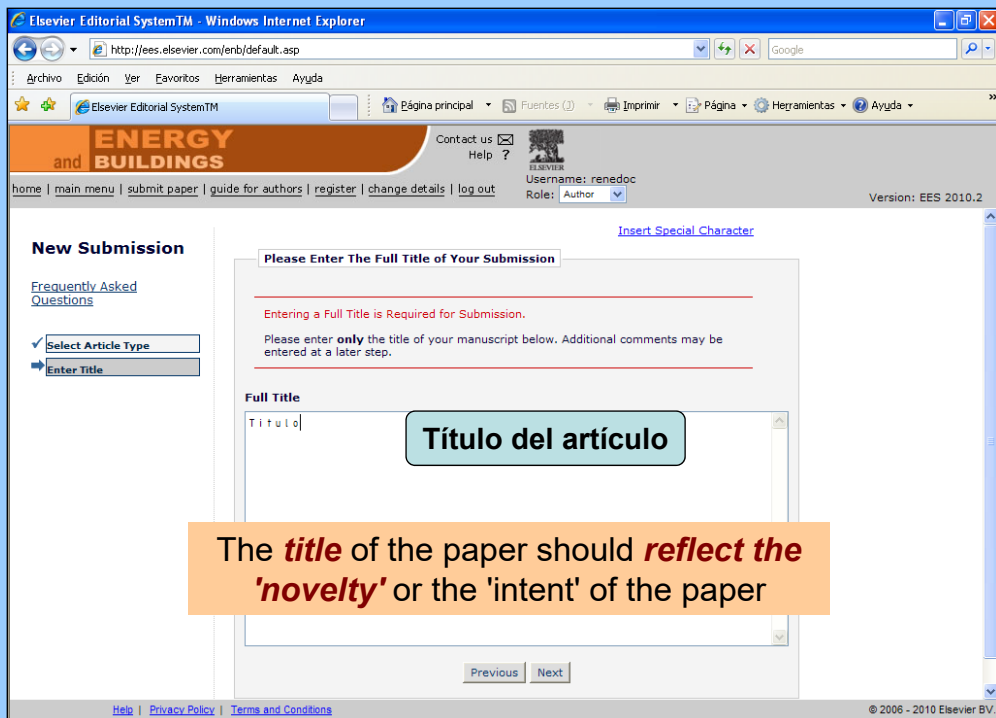


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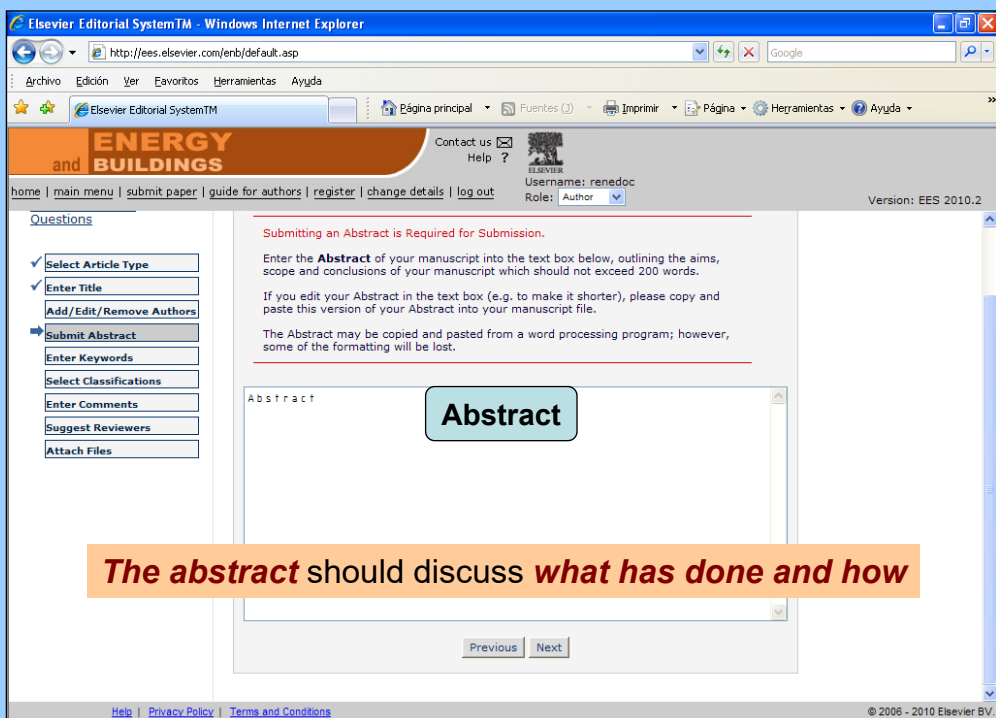
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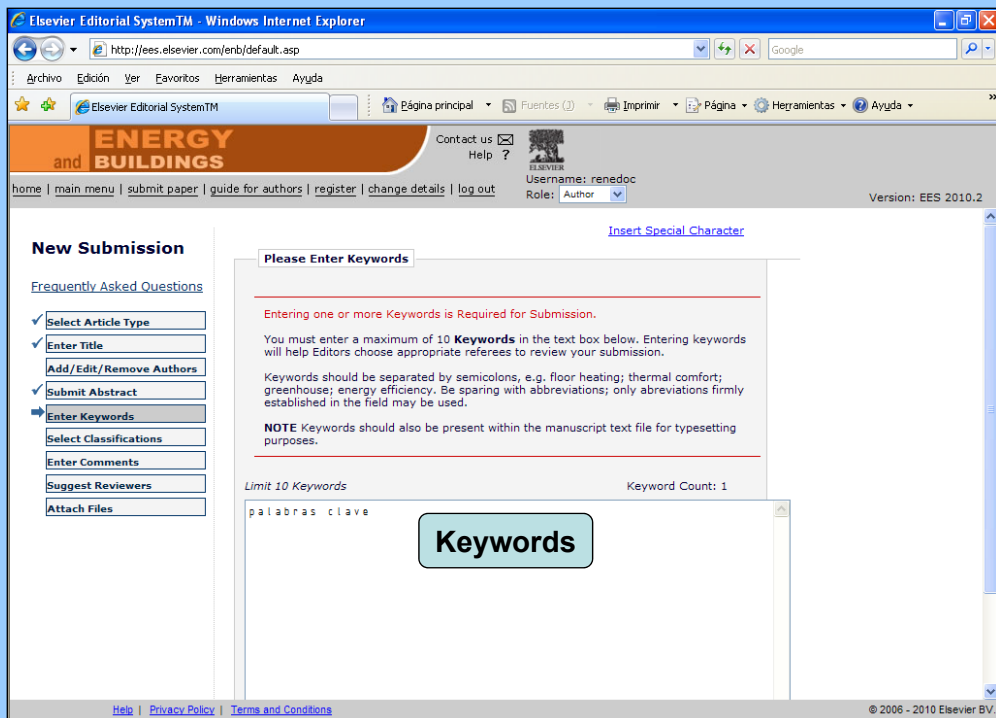
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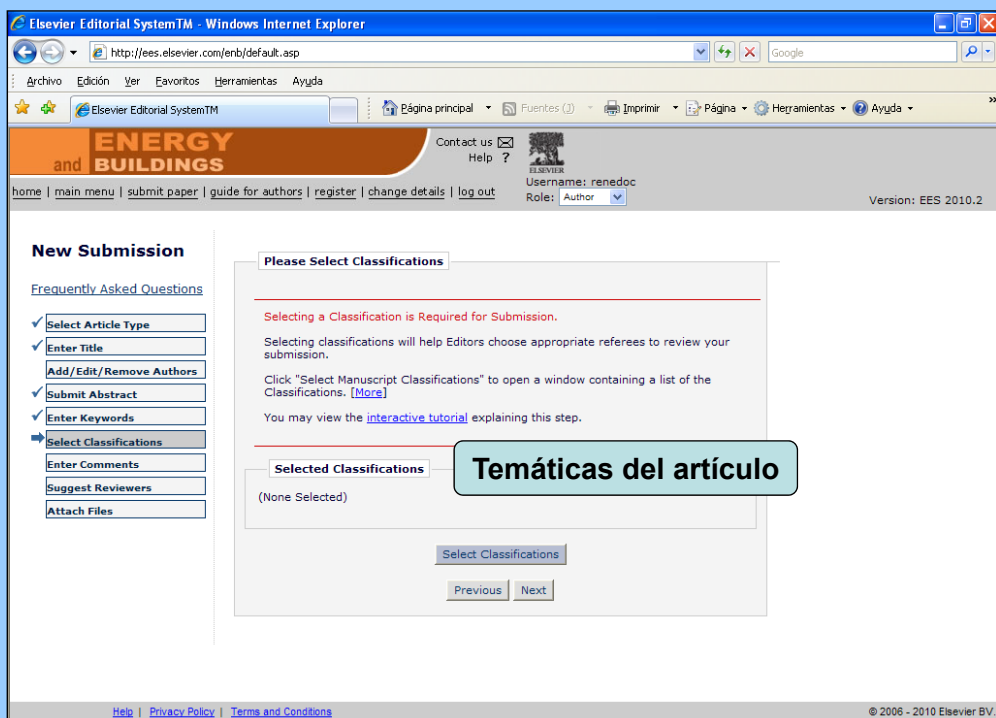
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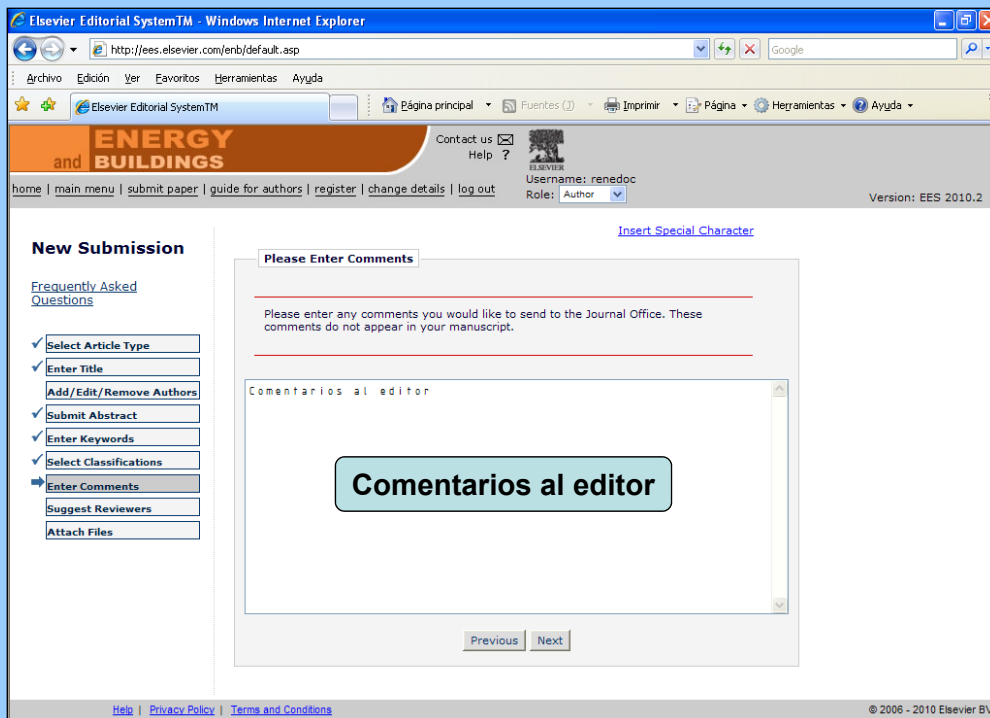
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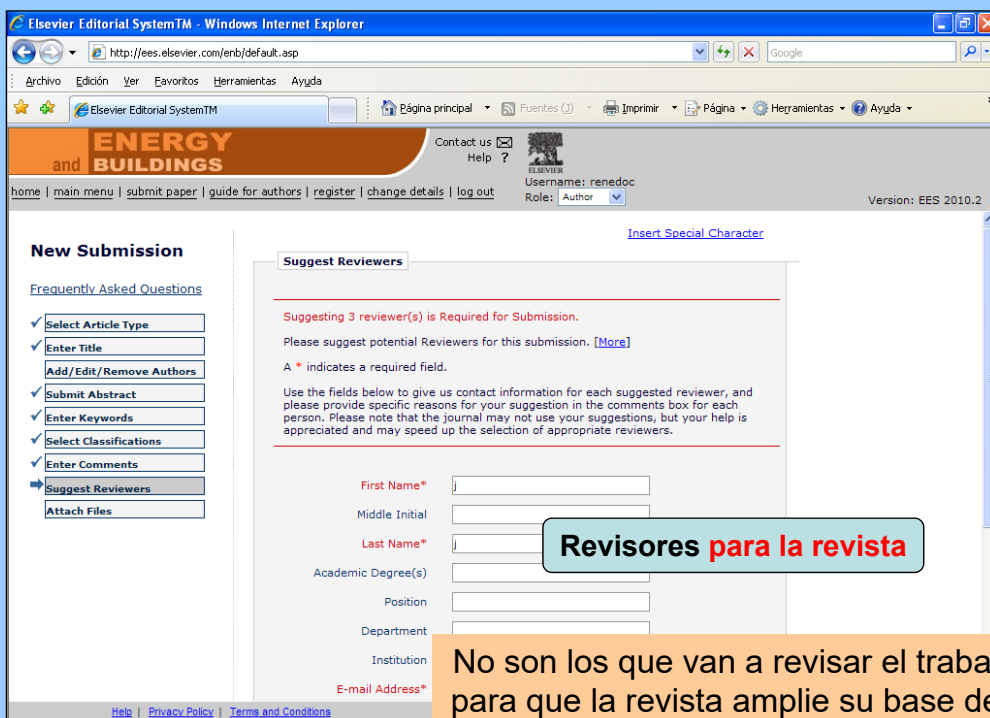
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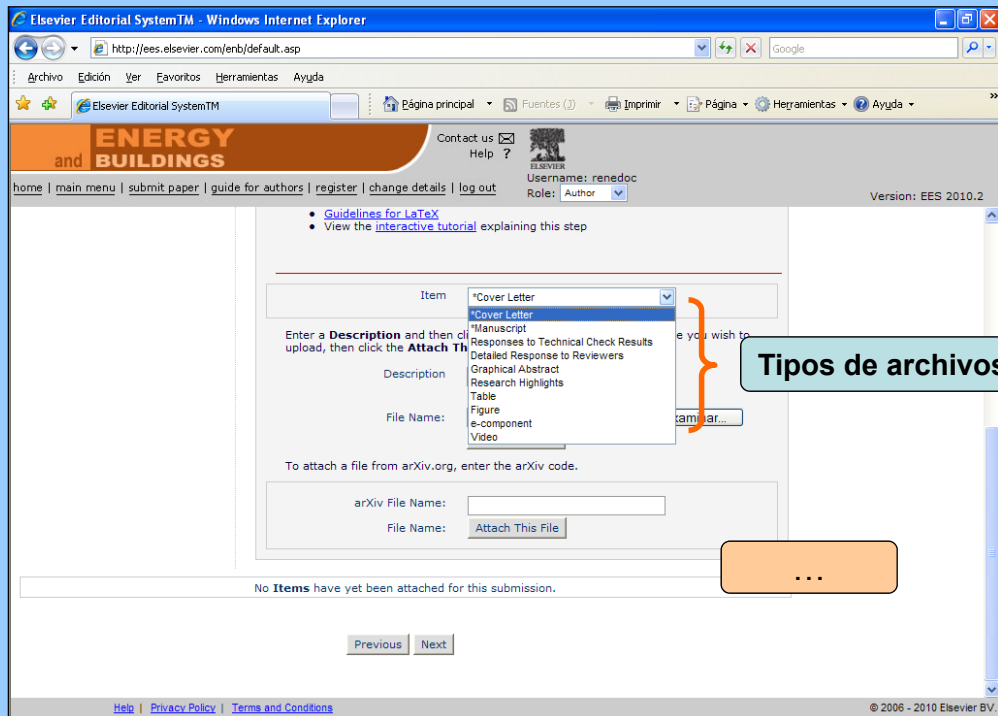
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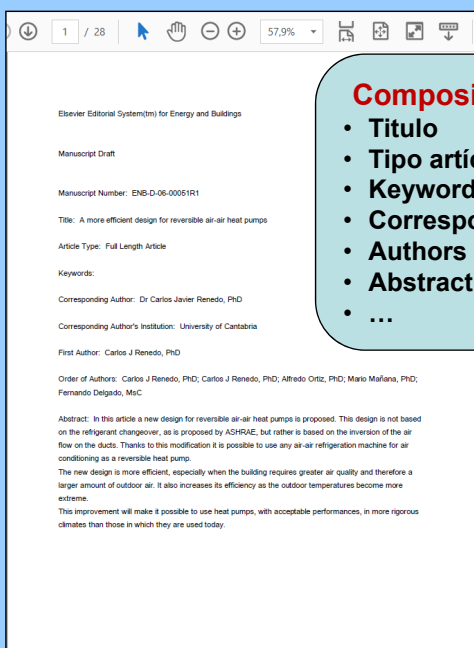
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Manuscript Number: ENB-D-06-00051R1

Title: A more efficient design for reversible air-air heat pumps

Article Type: Full Length Article

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Corresponding Author: Dr Carlos Javier Renedo, PhD

Corresponding Author's Institution: University of Cantabria

First Author: Carlos J Renedo, PhD

Order of Authors: Carlos J Renedo, PhD; Carlos J Renedo, PhD; Alfredo Ortiz, PhD; Mario Mañana, PhD; Fernando Delgado, MSc

Abstract: In this article a new design for reversible air-air heat pumps is proposed. This design is not based on the refrigerant changeover, as is proposed by ASHRAE, but rather is based on the inversion of the air flow on the ducts. Thanks to this modification it is possible to use any air-air refrigeration machine for air conditioning as a reversible heat pump. The new design is more efficient, especially when the building requires greater air quality and therefore a larger amount of outdoor air. It also increases its efficiency as the outdoor temperatures become more extreme. This improvement will make it possible to use heat pumps, with acceptable performances, in more rigorous climates than those in which they are used today.

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A more efficient design for reversible air-air heat pumps

C. J. Renedo, A. Ortiz, M. Mañana, F. Delgado  
Department of Electrical and Energy Engineering, University of Cantabria  
ETSI Industriales, S/N, 39004 Santander, Cantabria  
reduced@unican.es  
Tel: 0034 942 20 13 82 Fax: 0034 942 20 13 85

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Keywords:  
reversible air-air heat pump; efficiency; return air; exhaust air; outdoor air

1. Introduction

Nowadays, the improvement in the quality of life has caused people to request thermal comfort and indoor air quality in buildings, independent of the outdoor conditions. This requires heating, venting and air conditioning systems (HVAC), the market for which is growing [1, 2] both in Spain and Europe, and whose facilities obviously have thermal generators for both cold and heat.

This thermal supply can be accomplished with chillers, heat pumps, boilers, etc., with energy consumption being higher in these elements of the HVAC system. In this regard, any improvement in energy efficiency in the thermal generation results in better global efficiency. In Spain this aspect is especially relevant, since the market for new houses is the greatest in Europe [3], and the air conditioning system is offered here as an added value.

The heat pumps are machines that transfer heat from an area at low temperature to another at high temperature. This is usually carried out through the refrigeration cycle by vapor compression, taking advantage of the heat given off by the condenser instead of the heat absorbed by the evaporator.

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In this way, the thermal capacity definition of a reversible heat pump (HP<sub>rev</sub>), as well as the coefficient of performance (COP), are variable from winter to summer: in winter the HP<sub>rev</sub> is the heat given off by the condenser, while in summer it is the heat absorbed in the evaporator (Eq. 1). The COP in winter is the quotient between the heat given off by the condenser and the work supplied to the compressor. In summer it is defined as the quotient between the heat absorbed by the evaporator and the work supplied to the compressor (Eq. 2).

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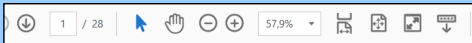
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A more efficient design for reversible air-air heat pumps

C. J. Remedios, A. Ortiz, M. Mallarín, F. Delgado  
Department of Electrical and Energy Engineering, University of Cantabria  
ETSI Návica, Gemayá, 1, 39004, Santander Cantabria  
ETSI Industriales y Telecomunicación, Av. Los Castros s/n, 39005 Santander, Cantabria  
remedios@urc.es  
Tel: 0034 942 20 13 82 Fax: 0034 942 20 13 85

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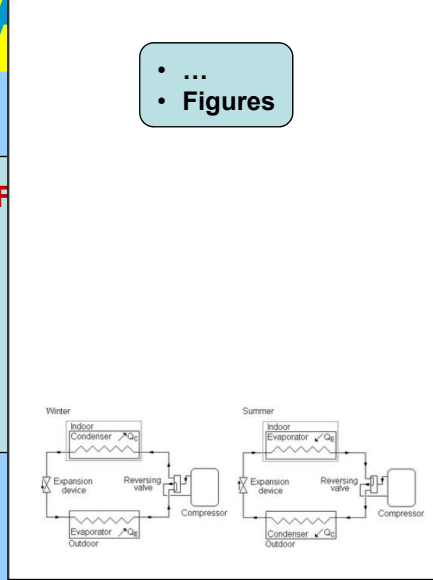
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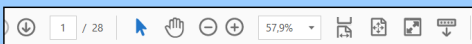
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A more efficient design for reversible air-air heat pumps

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Department of Electrical and Energy Engineering, University of Cantabria  
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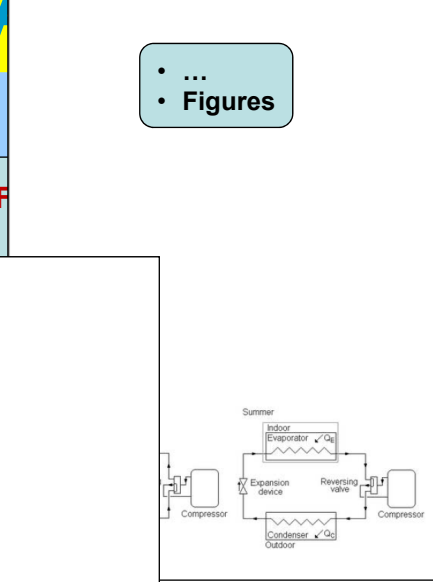
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Table 1. Parameters for comparison

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Winter	22	0	40	R134a
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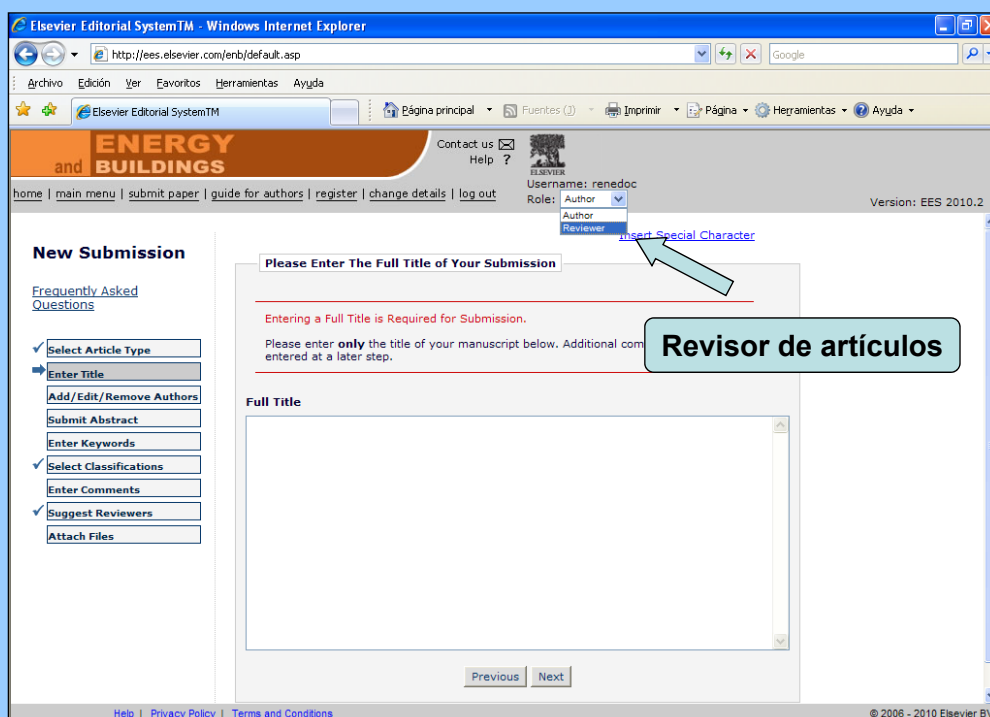
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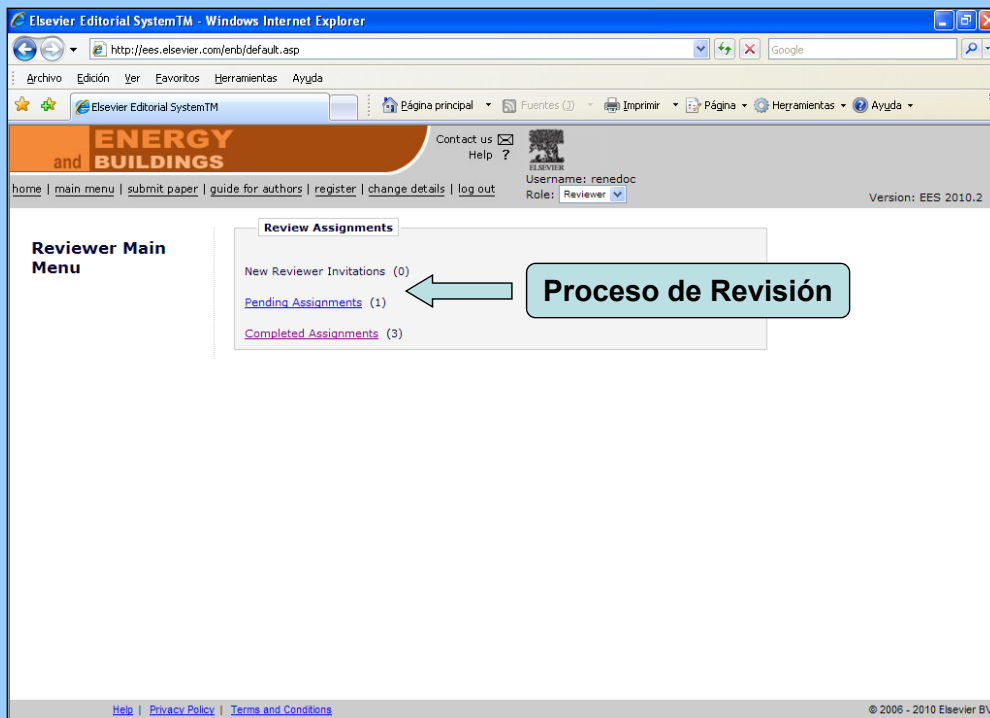
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## Revisión de Artículos



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## Revisión de Artículos



**Acciones del revisor**

Action	My Reviewer Number	Manuscript Number	Article Type	Article Title	Status Date	Current Status	Date Reviewer Invited	Date Reviewer Agreed	Date Review Due	Days Until Review Due	Editor's Name	Corr. Author
<a href="#">View Submission</a> <a href="#">View Linked References</a> <a href="#">View Review Comments</a> <a href="#">View Decision Letter</a> <a href="#">Scopus Author Search</a> <a href="#">Scopus Title Search</a> <a href="#">Submit Recommendation</a> <a href="#">Send E-mail</a>	1	ENB-D-10-00225R2	Full Length Article	Development of Potential Map for Ground and Groundwater Heat Pump Systems and the Application to Tokyo	Oct 05, 2010	Under Review	Oct 05, 2010	Oct 08, 2010	Nov 05, 2010	28	Branislav Todorovic	Yujin Nam, Ph.D.

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# Envío de Artículos

## Revisión de Artículos

**Formato de envío a la revista**

Energy and Buildings  
Manuscript Draft

Manuscript Number: ENB-D-10-00225R2

Title: Development of Potential Map for Ground and Groundwater Heat Pump Systems and the Application to Tokyo

Article Type: Full Length Article

Keywords: Ground Source Heat Pump; Potential Map; GIS data; Numerical Simulation

Abstract: It is necessary for optimum design of GSHP systems to estimate accurately thermal properties of the designed ground and predict the heat extraction rate from the ground. Generally, experimental analysis has been used for the feasibility of system introduction such as thermal response test, pumping test or cone penetrating test, but it causes to increase estimation cost before the introduction, equivalent to tens of thousands of dollars in Japan. On the other hands, the heat exchange rate and the effect of the system on underground environment can be predicted by using numerical simulation. In this research, in order to estimate the effect of the ground thermal properties on system performance, numerical simulation has been conducted through the sensitivity analysis with the developed simulation tool. Furthermore, the method to develop an energy potential for GSHP system has been suggested and its application for Tokyo 23 ward area has been conducted with GIS data.

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## Revisión de Artículos

**Contestar pto por pto**

**Un poco de "peloteo al revisor"**

Dear Reviewer #1  
I would like to appreciate your valuable comments and to improve my paper as the following.

**Pg 2, line 46, change chapter for section**  
-I agree with your comment. The sentence of line 46<sup>th</sup> in page 2 has been improved such as the following.

**Figure 6**  
I think it is wrong.  
In cooling season heat is rejected to ground, so red color must be around tubes  
In heating season cool is rejected to ground, so blue color must be around tubes  
-As you indicated, the ground temperature in Figure 6 did not match with its legend in both cooling and heating seasons. Figure 6 has been changed as the following.

a) Cooling season

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**Histórico de las revisiones realizadas por un revisor**

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**Completed Reviewer Assignments for Carlos Javier Renedo, PhD**

Page: 1 of 1 (3 total assignments)

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<a href="#">View Review Comments</a> <a href="#">View Decision Letter</a> <a href="#">Send E-mail</a>	1	ENB-D-10-00225R1	Full Length Article	Development of Potential Map for Ground and Groundwater Heat Pump Systems and the Application to Tokyo	Oct 05, 2010	Under Review
<a href="#">View Review Comments</a> <a href="#">View Decision Letter</a> <a href="#">Send E-mail</a>	1	ENB-D-10-00225	Full Length Article	Development of Potential Map for Ground and Groundwater Heat Pump Systems and the Application to Tokyo	Oct 05, 2010	Under Review
<a href="#">View Review Comments</a> <a href="#">View Decision Letter</a> <a href="#">Send E-mail</a>	3	ENB-D-09-00191	Full Length Article	Simple prediction of next-day electricity demand curve based on relationships between air-temperature and electricity demand	Sep 15, 2009	Completed - Reject

Page: 1 of 1 (3 total assignments)

<< Reviewer Main Menu

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## Revisión de Artículos



	Original Submission
(Reviewer 1)	<a href="#">Major Revision</a>
Carlos Javier Renedo, PhD (Reviewer 3)	<a href="#">Major Revision</a>
(Reviewer 4)	<a href="#">Major Revision</a>
Author Decision Letter	<a href="#">Reject</a>

Opiniones de los revisores (Normalmente 2 o 3)

Decision Letter

Electric Power Components and Systems (2011): **Reviewer nº10**

IET Science, Measurement & Technology (2019): **Reviewer nº11**

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## Revisión de Artículos



**Date:** Sep 15, 2009  
**To:** "Shinichiro Oke" oke@eee.tut.ac.jp  
**From:** "Energy and Buildings" enb@elsevier.com  
**Subject:** Your Submission

Ms. Ref. No.: ENB-D-09-00191  
 Title: Simple prediction of next-day electricity demand curve based on relationships between air-temperature and electricity demand  
 Energy and Buildings

Dear Dr. Shinichiro Oke,

I regret to inform you that the Editors of Energy and Buildings have decided not to publish your paper, Simple prediction of next-day electricity demand curve based on relationships between air-temperature and electricity demand. This decision is based on the Referees' reports (appended below) and the Editors' own review of your paper.

I think you will find that the reviewers were extremely interested in the topic but had serious reservations about the analysis and results. For that reason, the paper was rejected.

Many factors come into consideration when rejecting a paper, including addressing the objectives of this journal, the paper's technical quality, completeness of the research, and the extent to which it introduces new concepts, data, or methods. Presently, only about one paper in four submitted to Energy and Buildings is accepted for publication.

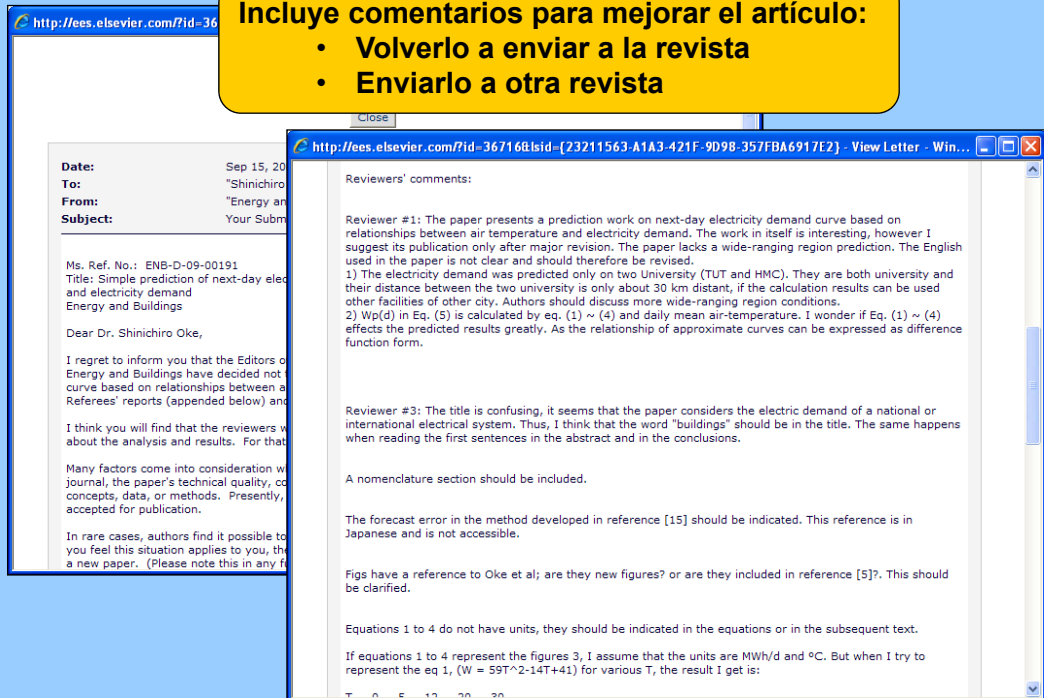
In rare cases, authors find it possible to fully address the reviewers' criticisms through a drastic revision. If you feel this situation applies to you, then you may re-submit the paper; however, the paper will be treated as a new paper. (Please note this in any future cover letter.)

Decision Letter

## Revisión de Artículos

Incluye comentarios para mejorar el artículo:

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The screenshot shows an email interface with the following details:

**Date:** Sep 15, 20...  
**To:** "Shinichiro"  
**From:** "Energy and Buildings"  
**Subject:** Your Submission

**Ms. Ref. No.:** ENB-D-09-00191  
**Title:** Simple prediction of next-day electricity demand and electricity demand Energy and Buildings

Dear Dr. Shinichiro Oke,

I regret to inform you that the Editors of Energy and Buildings have decided not to publish your paper based on the Referees' reports (appended below) and your comments.

I think you will find that the reviewers' comments are very helpful for the improvement of your paper. Many factors come into consideration when reviewing a paper, such as the paper's technical quality, the clarity of concepts, data, or methods. Presently, your paper has been accepted for publication.

In rare cases, authors find it possible to resubmit a paper. If you feel this situation applies to you, then you may resubmit a new paper. (Please note this in any future submission.)

**Reviewers' comments:**

Reviewer #1: The paper presents a prediction work on next-day electricity demand curve based on relationships between air temperature and electricity demand. The work in itself is interesting, however I suggest its publication only after major revision. The paper lacks a wide-ranging region prediction. The English used in the paper is not clear and should therefore be revised.

1) The electricity demand was predicted only on two University (TUT and HMC). They are both university and their distance between the two university is only about 30 km distant, if the calculation results can be used other facilities of other city. Authors should discuss more wide-ranging region conditions.

2)  $Wp(d)$  in Eq. (5) is calculated by eq. (1) ~ (4) and daily mean air-temperature. I wonder if Eq. (1) ~ (4) effects the predicted results greatly. As the relationship of approximate curves can be expressed as difference function form.

Reviewer #3: The title is confusing, it seems that the paper considers the electric demand of a national or international electrical system. Thus, I think that the word "buildings" should be in the title. The same happens when reading the first sentences in the abstract and in the conclusions.

A nomenclature section should be included.

The forecast error in the method developed in reference [15] should be indicated. This reference is in Japanese and is not accessible.

Figs have a reference to Oke et al; are they new figures? or are they included in reference [5]? This should be clarified.

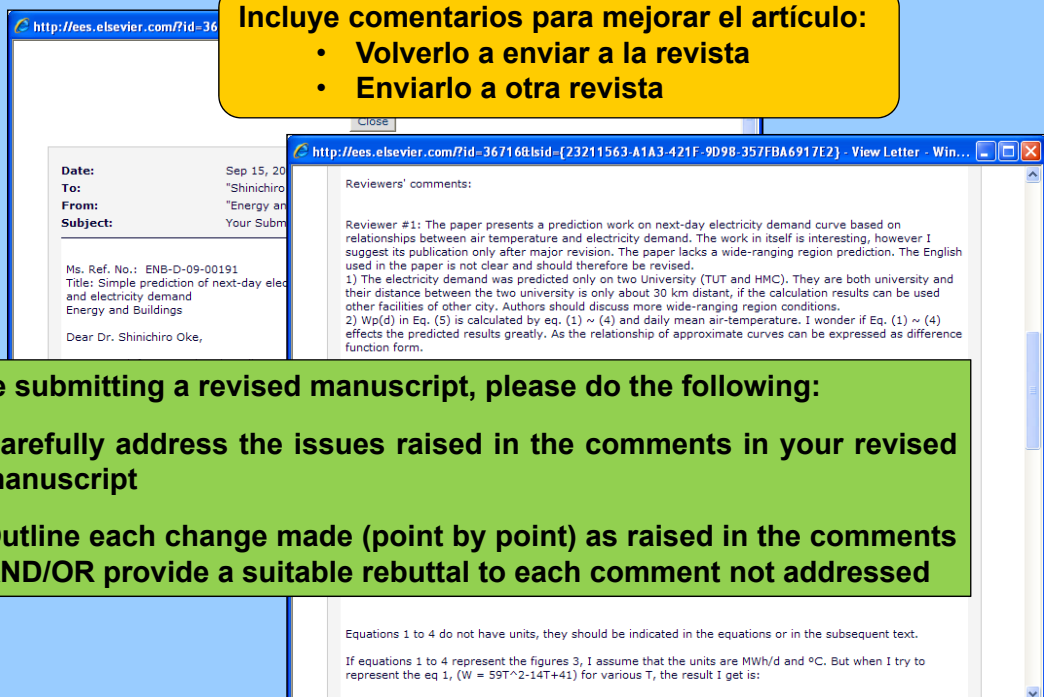
Equations 1 to 4 do not have units, they should be indicated in the equations or in the subsequent text.

If equations 1 to 4 represent the figures 3, I assume that the units are MWh/d and °C. But when I try to represent the eq 1, ( $W = 59T^2 - 14T + 41$ ) for various  $T$ , the result I get is:

## Revisión de Artículos

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The screenshot shows the same email and reviewer comments as in slide 43. A green box is overlaid with the following text:

**If you are submitting a revised manuscript, please do the following:**

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- Outline each change made (point by point) as raised in the comments AND/OR provide a suitable rebuttal to each comment not addressed

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- 2) Also please **highlight any revised text using coloured highlighting in a separate word document**. This will enable the Editor /Reviewers to identify the amendments and subsequently make faster decisions on the revisions.
- 3) In addition we request **one final file**, a 'clean' word document of the revised manuscript **without any annotations, highlighting or comments**, in font 10 or 12 pt with double line spacing.

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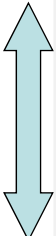
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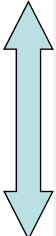


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2019-11-28	Modelling of Refrigerant ...	Energies				-	
2019-11-12	Insulation Durability Enh...	International Jour...				-	-
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2019-09-03	<p>Influence of Particles...	IET Science, Meas...				-	-
2019-09-03	<p>Modelling of DC Con...	IET Science, Meas...				-	-
2019-08-28	<p>Identifying Hot Spots...	IET Science, Meas...				-	-
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2018-11-15	<p>Thermal Analysis of ...	IET Electric Power ...				-	-

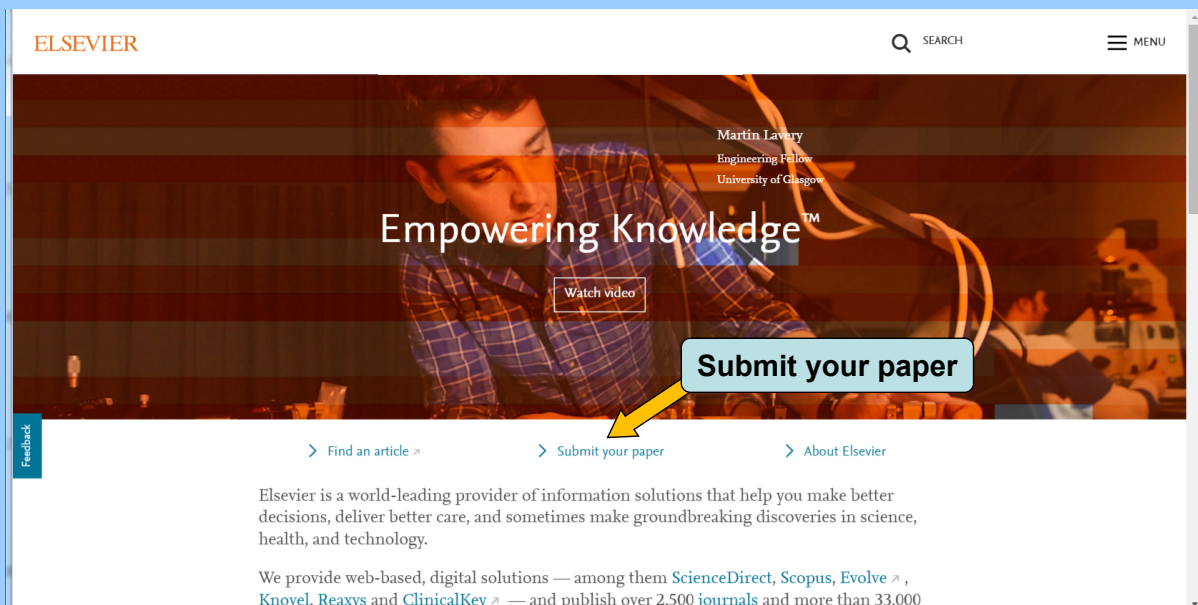
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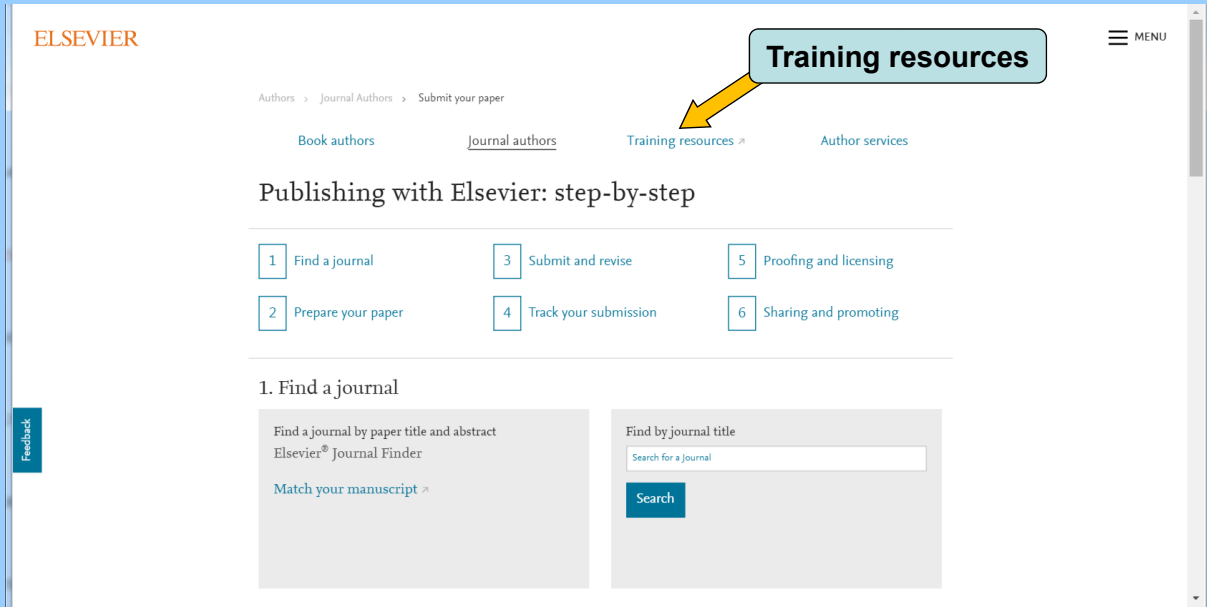






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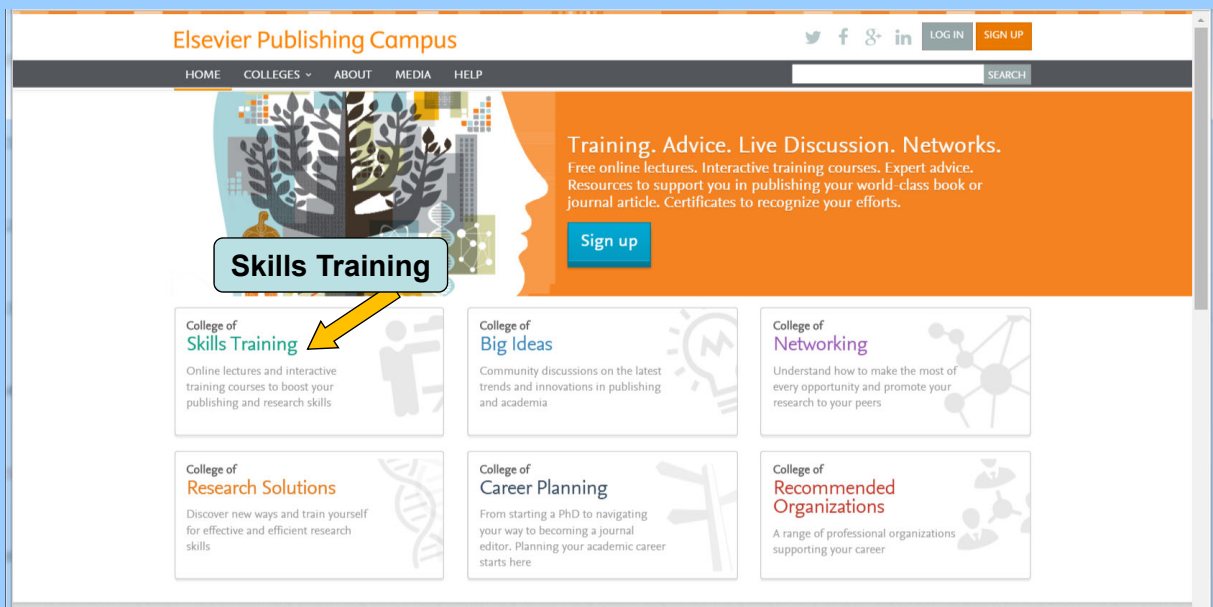
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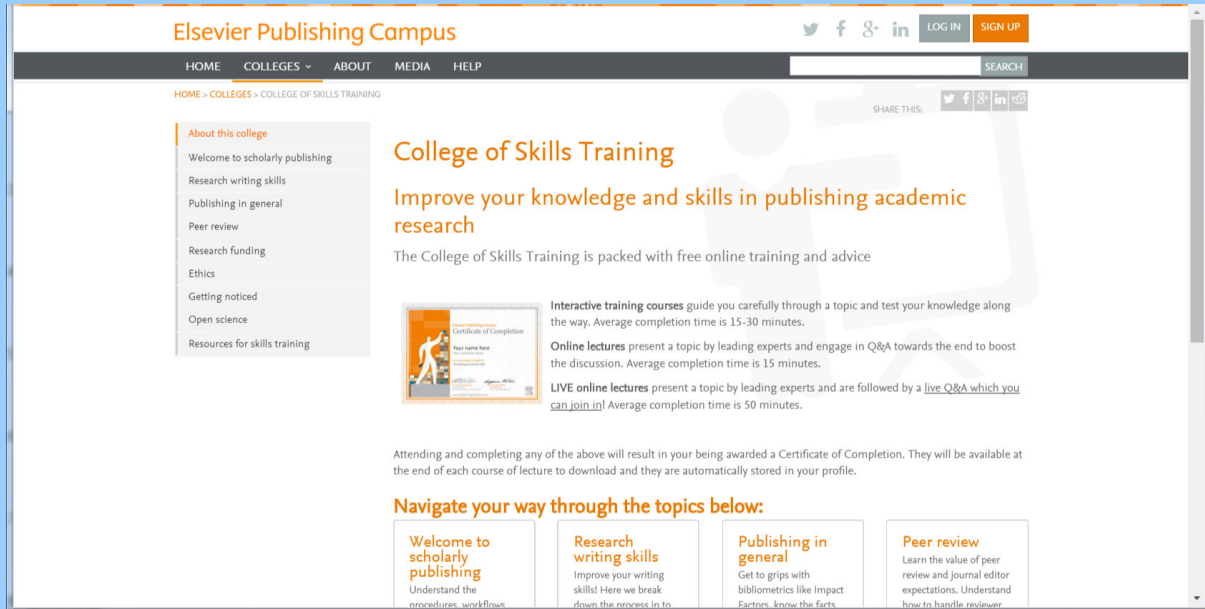
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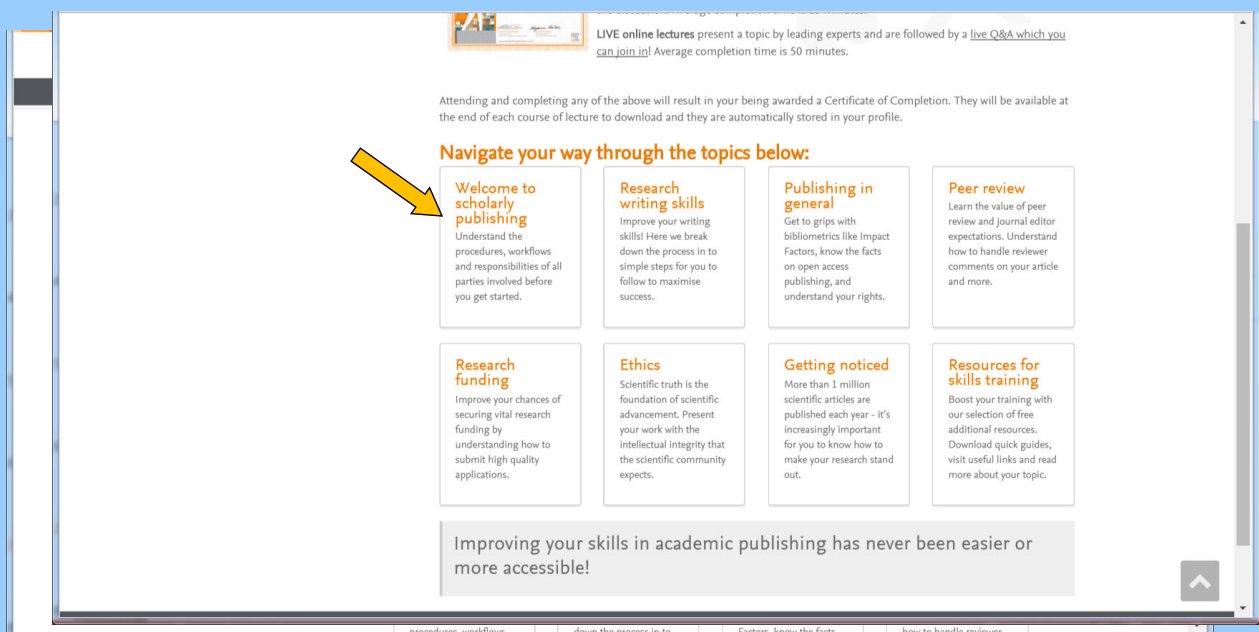
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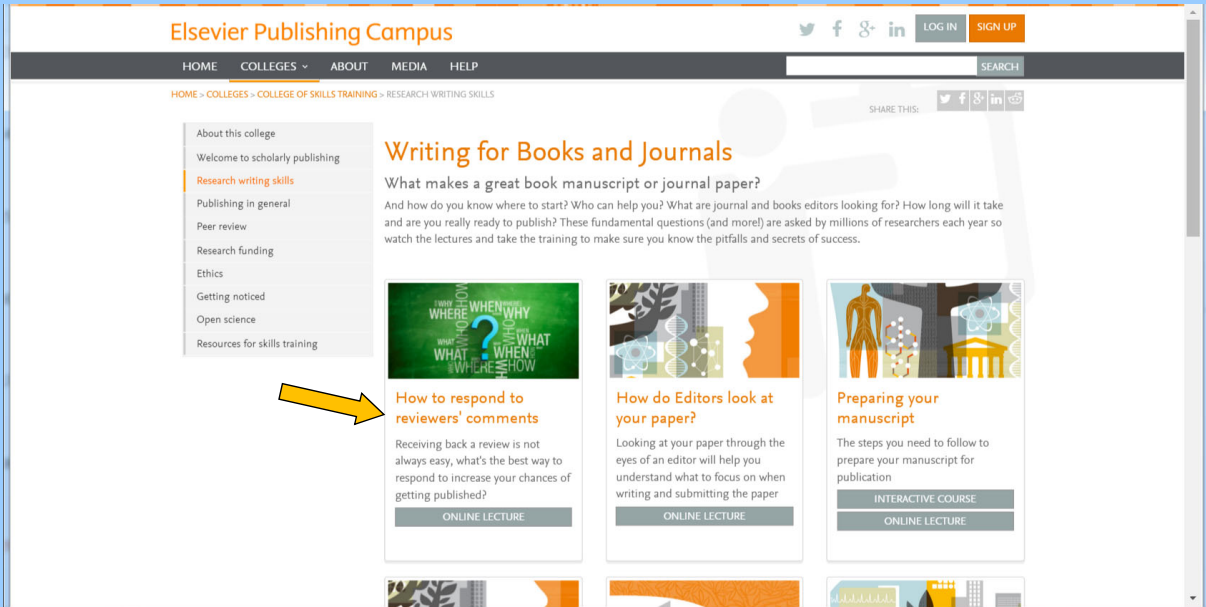
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- Welcome to scholarly publishing**  
Understand the procedures, workflows and responsibilities of all parties involved before you get started.
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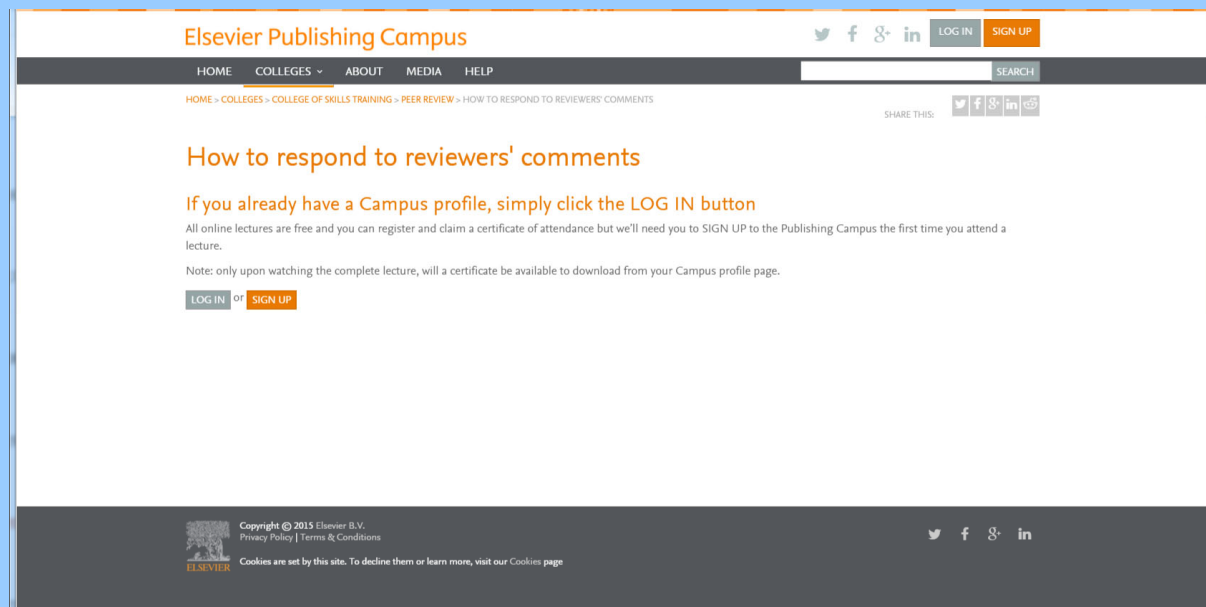
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- Notify the editor immediately if a possible conflict of interest, before preparing a report.
- Notify the editor immediately if you have reviewed for another journal, and let the editor decide whether to relieve you of refereeing duty.
- Notify the editor immediately if your report cannot be performed anonymously (e.g., owing to previous comments to author).
  - o If you are still willing to prepare report, let the editor know.
  - o Optional: provide advice to the editor in your response, without a formal referee report.
- Request extension immediately if you can do report only with a delay.
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  - o Thoughtfully suggest alternative reviewers.
- Consciously avoid favoring/opposing the submission unduly based on whether or not it confirms your existing beliefs or your own papers.
- Make sure report is the kind that you would like to receive as an author or as an editor.

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- Clear recommendation: Publishable as is, likely publishable with one round of revision, reject.
  - o If necessary, suggest to the editor a second opinion (for reasons of expertise, not as an excuse for indecisiveness).
- Make sure the letter is brief and has no direct repetition of report.
- Brief (e.g., one sentence) evaluation of broad incremental contribution of paper.
- Concise evaluation of whether analysis is convincing.
- Special circumstances:
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  - o Focus on evidence, not on emotions or speculations about ill-intent of authors.
  - o Is the idea great but the writing horrible? Ask editor to have authors withdraw submission for resubmission once the exposition is polished.

Version: December 10, 2016. Prepared by Jonathan Berk, Campbell R. Harvey and David A. Hirshleifer. Based on our papers: "How to Write and Effective Referee Report and Improve the Scientific Process" and "Preparing a Referee Report, Guidelines and Perspectives". These are our general suggestions; Referees should consult with the instructions of the journals that have requested their advice for additional guidance.

**First Round Report:**

Report should be divided into three parts.

1. **Importance of the idea.**
  - i. Brief paragraph summarizing paper which should be clear for a nonspecialist in the paper's subfield.
  - ii. Discussion of importance of the idea.
2. **Problems that make the paper unpublishable.**
  - A. If recommending **Rejection**: (crucial problems not fixable)
    - o Far below the bar? If yes, a one-page report acceptable.
    - o Scientific justification provided. (Not: "I just don't believe the proof/result." "This is inconsistent with so-and-so's evidence, so it must be wrong.")
  - B. If recommending a **Revise and Resubmit**: (crucial problems might be corrected in a revision)
    - o Clear, scientific explanation of why the problem is critical.
    - o Suggested changes/robustness checks (avoiding "make-work" for authors).
    - o No hostage taking: if paper already publishable, made sure other possible improvements are in the suggestions section.
3. **Suggestions** (problems with the paper that do not make it unpublishable - optional for authors).

**Other points:**

- Scientific stance taken—focus on substance.
  - o -Avoid speculations about ill-intent of authors.
  - o -Avoid a scolding or insulting tone.
- Make sure all comments in report numbered, separately numbering in each section.
  - o -No long discursive paragraphs.
- Verify that report is consistent with recommendation to editor.

**Second Round Report:**

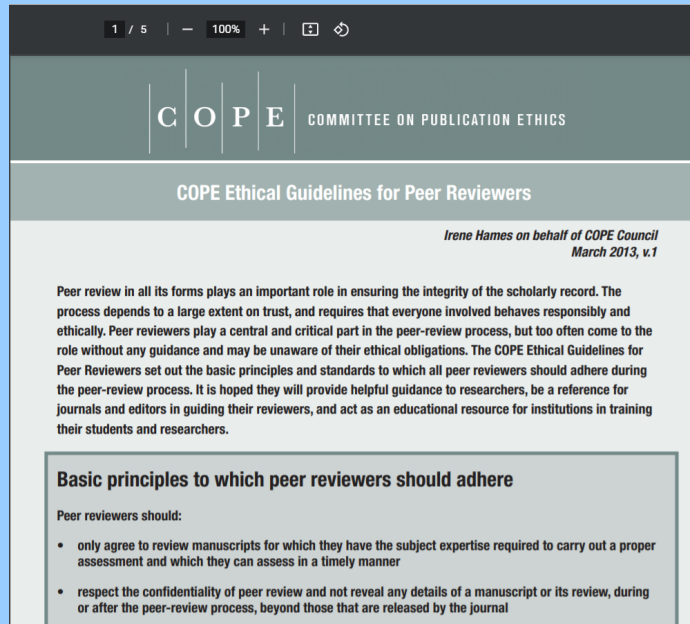
- Ideally, you are ready to recommend acceptance or rejection in this round.
- Same as first round report, except that the section on importance of paper is omitted.
- Also, do not add items that you could have reasonably asked for in the first round report.
  - o If had to add an item, explain that you made a mistake in the first report.

# Envío de Artículos



## Revisión de Artículos

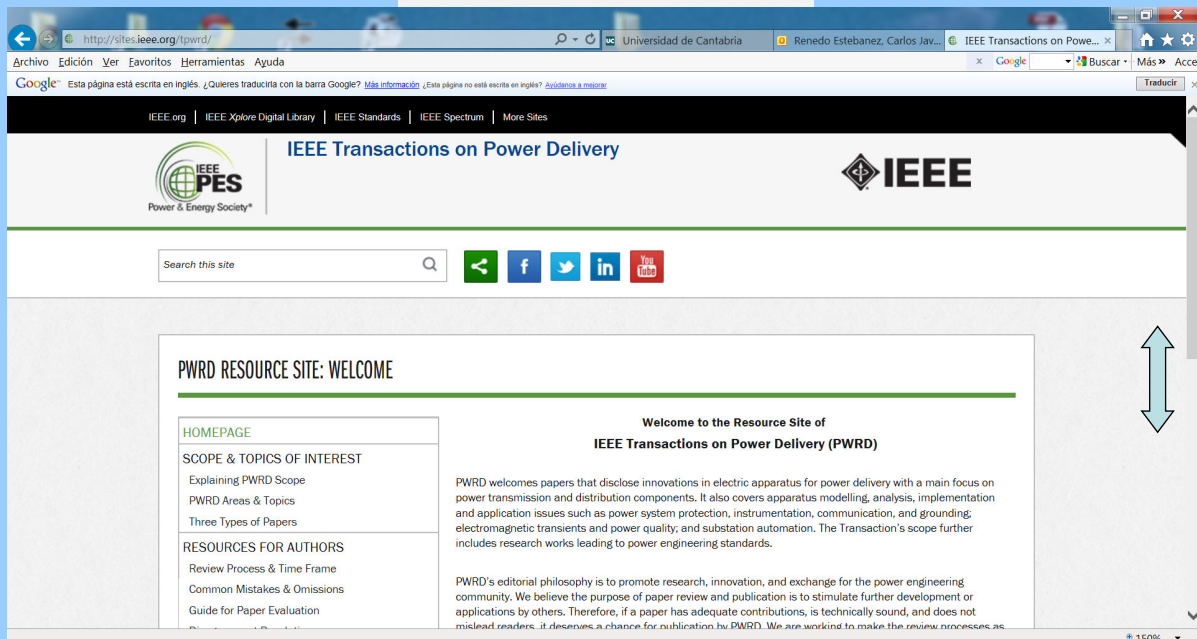
[http://publicationethics.org/files/Ethical\\_guidelines\\_for\\_peer\\_reviewers\\_0.pdf](http://publicationethics.org/files/Ethical_guidelines_for_peer_reviewers_0.pdf)



# Envío de Artículos



<https://cmte.ieee.org/tpwrd/>





# Envío de Artículos



<https://cmte.ieee.org/tpwrd/>

# Envío de Artículos



<https://www.springer.com/gp/authors-editors/journal-author/journal-author-helpdesk>



<https://www.mdpi.com/authors>

The screenshot shows the MDPI website's 'Information for Authors' page. At the top, there is a navigation bar with 'Journals', 'Information', 'Author Services', 'Initiatives', and 'About'. A search bar is present with fields for 'Title / Keyword', 'Author / Affiliation', 'All Journals', and 'All Article Types'. The main content area is titled 'Information for Authors' and includes an 'Overview' section stating that MDPI is a publisher of scholarly open access journals. Below this is a 'Useful Resources for Authors' section with links to 'MDPI LaTeX templates', 'MDPI Author Layout Style Guide', 'MDPI English editing services', 'MDPI reference list and citations style guide', 'Article Processing Charges (APC) Information', 'Funding of Article and Book Processing Charges (APCs/BPCs)', 'Terms of Use', 'Terms and Conditions', 'Policy regarding corrections and retractions', and 'Statement on controversial articles'. A sidebar on the left contains links for 'About', 'For Authors', 'For Reviewers', 'For Editors', and 'For Librarians'.

## Recomendaciones para revisores de artículos

<https://www.elsevier.com/reviewers>

The screenshot shows the Elsevier website's 'Elsevier for Reviewers' page. The header includes the Elsevier logo and navigation links for 'About Elsevier', 'Products & Solutions', 'Services', and 'Shop & Discover'. A search bar is also visible. The main content area features a large graphic with orange leaves and a dark grey box containing the text: 'Elsevier for Reviewers', 'Welcome to the Reviewer Hub – your source of information, guidance and support for reviewing with Elsevier', and 'NEW! Volunteer to review for journal of your interest today'. Below this is a 'Sign-in now >' button. Further down, there are sections titled 'The role of a reviewer' and 'How to conduct a review'.



## Company News, Training Services and Author Publication Tips

All Company News **Publication Tips** Training Services Current webinar Series

By Charlesworth Author Services on September 25, 2020

By Charlesworth Author Services on September 25, 2020

### Rejection at the pre-peer review stage

As you know from the previous article, the quality of the manuscript is a decisive criterion for its screening in/out at the pre-peer review stage—that is, the initial editorial review. However, a manuscript may be rejected by the journal editors for a variety of reasons, including subject matter interest, and sometimes even simply pipeline management—namely, too many articles on the same topic. But, most typically, a preliminary editorial review aims at identifying whether the manuscript:

1. sufficiently satisfies editorial guidelines of that journal;
2. is likely to provide clear scientific contribution and implications for the domain in question; and
3. has some likelihood to be favourably evaluated by the journal's peer reviewers.

[Read full story](#)

Our Services

By Charlesworth Author Services on September 22, 2020

### What are the Differences between Single-Blind and Double-Blind Peer Review?

**What are the Differences between Single-Blind and Double-Blind Peer Review?**

- In *single-blind peer review*, only the reviewers are anonymous. Reviewers know the authors' names and backgrounds, but authors don't know those of the reviewers.
- In *double-blind peer review*, both the authors and reviewers keep their anonymity. Only the editor knows the identity of all parties involved.

[Read full story](#)

ining S  
cation

By Charlesworth Author Services on September 24, 2020

### How to deal with revise and resubmit to an academic journal

As you already know, the quality of the manuscript is a decisive criterion for its screening in / out at the pre-peer review—preliminary editorial review, that is—stage. During an initial review, the journal editors generally aim at identifying whether the manuscript:

1. sufficiently satisfies editorial guidelines of that journal;
2. is likely to provide clear scientific contribution and implications for the domain in question; and
3. has some likelihood to be favourably evaluated by the journal's peer reviewers.

[Read full story](#)

Current webinar Series

By Charlesworth Author Services on September 16, 2020

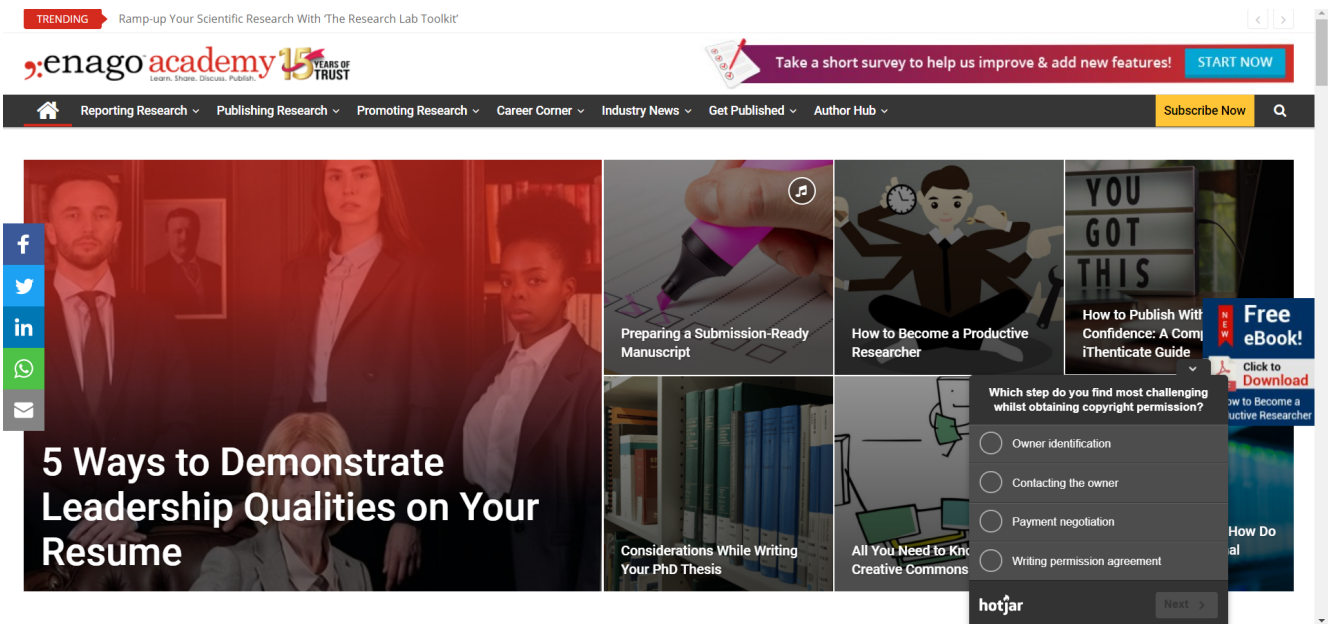
### How to perform a literature search from the beginning

When beginning a research project, one of the first steps you are likely to carry out is performing a literature search to obtain an overview of the current state of the field. Performing a literature search can help you understand what is currently known about a specific topic and what question or questions remain unanswered.

[Read full story](#)

r 25, 2020

<https://www.enago.com/academy/>



The screenshot shows the Enago Academy website interface. At the top, there's a navigation bar with categories like 'Reporting Research', 'Publishing Research', 'Promoting Research', 'Career Corner', 'Industry News', 'Get Published', and 'Author Hub'. A prominent article titled '5 Ways to Demonstrate Leadership Qualities on Your Resume' is featured on the left. Other articles include 'Preparing a Submission-Ready Manuscript', 'How to Become a Productive Researcher', 'Considerations While Writing Your PhD Thesis', and 'All You Need to Know About Creative Commons'. A survey pop-up is visible in the bottom right corner, asking 'Which step do you find most challenging whilst obtaining copyright permission?' with options like 'Owner identification', 'Contacting the owner', 'Payment negotiation', and 'Writing permission agreement'.

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Iniciación a la Actividad Investigadora

75

## GRAMMAR CHECKER TOOLS FOR RESEARCHERS

<https://www.enago.com/academy/best-grammar-checker-tools/>

**Trinka AI** <https://www.trinka.ai/>

It is the most suitable tool for writing thesis and academic writing

**Grammarly** <https://www.grammarly.com/>

You can check grammar and spelling errors when writing a post by installing it in your browser. There is an indicator in the lower right corner of the writing area

**Ginger** <https://www.gingersoftware.com/grammarcheck>

A simple way to check grammar and spelling

**Hemingway** <https://hemingwayapp.com/>

Not just a grammar checker, but a style checker. You can use a free web-based editor to check your articles for readability, grammar, and spelling errors

**ProWriting Aid** <https://prowritingaid.com/>

Designed specifically for science bloggers, content writers, etc

**Typely** <https://typely.com/>

A simple grammar and spell check tool free to use. An online tool that is easy to use

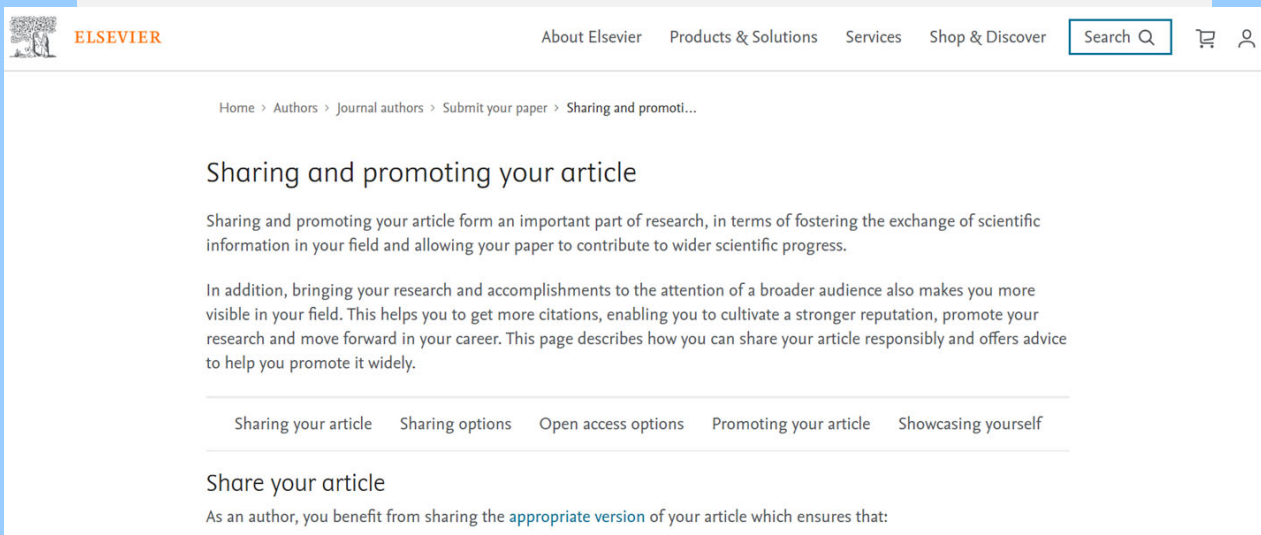
Master en Investigación en Ingeniería Industrial

Iniciación a la Actividad Investigadora

76

- Un **pre-print** es el *manuscrito original del autor antes de haber sido revisado* por pares, editado o preparado para la publicación por el editor
- Un **post-print** es la versión final del autor aceptada por el editor, una vez finalizado el proceso de revisión por pares, en la cual el autor ha incorporado los cambios o correcciones resultados de dicha revisión. Es la *versión final del documento antes de que la revista lo edite*
- La **versión definitiva** es la *versión final creada por el editor* para su publicación.
- Un **eprint** es la *versión electrónica* de un artículo y puede ser un pre-print o un post-print

<https://www.elsevier.com/authors/journal-authors/submit-your-paper/sharing-and-promoting-your-article>



The screenshot shows the Elsevier website page titled "Sharing and promoting your article". The page includes a navigation menu with "About Elsevier", "Products & Solutions", "Services", and "Shop & Discover". A search bar and user icons are also visible. The main content area features a breadcrumb trail: "Home > Authors > Journal authors > Submit your paper > Sharing and promoti...". The title "Sharing and promoting your article" is followed by a paragraph explaining the importance of sharing research. Below this, there is a section with navigation links: "Sharing your article", "Sharing options", "Open access options", "Promoting your article", and "Showcasing yourself". The page concludes with the heading "Share your article" and a partial sentence: "As an author, you benefit from sharing the appropriate version of your article which ensures that:".



<http://www.sherpa.ac.uk/romeo/index.php?la=es&fldnum=|&mode=simple>



<https://web.unican.es/buc/recursos/repositorio-ucrea>

The screenshot shows the 'Biblioteca Universitaria' website. At the top, there is a search bar and social media icons. Below the navigation menu, the 'Repositorio Institucional Ucrea' is highlighted. A sidebar on the left lists various resources, with 'Repositorio Ucrea' selected. The main content area features the Ucrea logo and a search box with a 'BUSCAR' button. Below the search box, there is a description of the repository and a 'Búsqueda avanzada' link.

The screenshot shows the 'Repositorio de la UC (2014)' page on the Ucrea website. The page title is 'Repositorio de la UC (2014)' with a red arrow pointing to it. Below the title, there are search filters for 'Fecha de publicación', 'Autores', 'Títulos', 'Temas', and 'Autores UC'. A search bar is also present. The main content area lists subcommunities with their respective document counts, such as 'Departamento de Administración de Empresas [405]'. On the right side, there is a sidebar with search options and a list of results.

# Article sharing: Authors

**ASK A LIBRARIAN**  
If you have questions about when, where and how you can share your articles

# Artículos



Identify the version of your article you want to share based on where it is in the publication process



[https://web.unican.es/buc/Documents/Formacion/Compartir\\_versiones\\_articulos.pdf](https://web.unican.es/buc/Documents/Formacion/Compartir_versiones_articulos.pdf)

# Article sharing: Authors

**ASK A LIBRARIAN**  
If you have questions about when, where and how you can share your articles

## ASK A LIBRARIAN

if you have questions about when, where and how you can share your articles

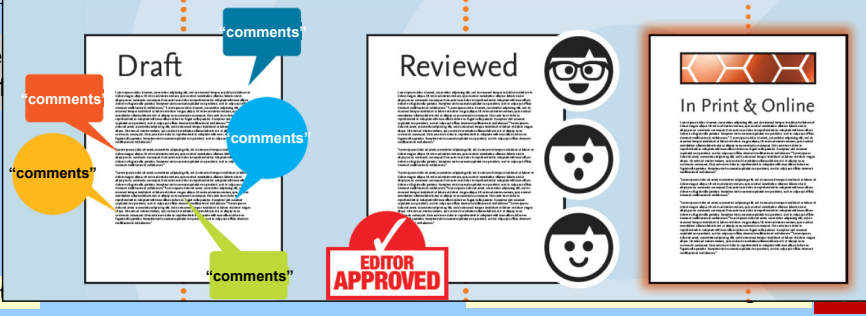


Identify the version of your article you want to share based on where it is in the publication process



Preprint	Accepted manuscript	Published journal article
<p>Your write-up of an article based on your research results and analysis.</p> <ul style="list-style-type: none"> <li>• Not peer reviewed yet</li> <li>• Typically a Word document</li> <li>• What you submit to a journal</li> </ul>	<p>Your article that has been peer reviewed and accepted for publication.</p> <ul style="list-style-type: none"> <li>• Includes author-incorporated changes from peer review</li> <li>• Not fully formatted or copyedited</li> <li>• No journal or publisher branding</li> </ul>	<p>Your final published article that appears in a journal.</p> <ul style="list-style-type: none"> <li>• Includes journal and publisher branding</li> <li>• Has been copyedited and fully formatted</li> <li>• Available in HTML and as a PDF</li> <li>• Becomes the article of record superseding all other versions</li> </ul>

[https://web.unican.es/buc/Documents/Formacion/Compartir\\_versiones\\_articulos.pdf](https://web.unican.es/buc/Documents/Formacion/Compartir_versiones_articulos.pdf)



## Article sharing: Auth

ASK A LIBRARIAN

ASK A LIBRARIAN

if you have questions about when, where

Process



**No restrictions on sharing. You may want to share publicly to get early feedback.\***

**Can be shared within your institution at any time (institutional repositories) Can be shared externally after the journal's embargo period.**

**Sharing is limited, for example on platforms such as ResearchGate unless an article was published open access. Can always be shared in response to individual requests and in private groups.**

No restrictions on sharing. You may want to share publicly to get early feedback.\*

Can be shared within your institution at any time (within institutional repositories). Can be shared externally after the journal's embargo period.

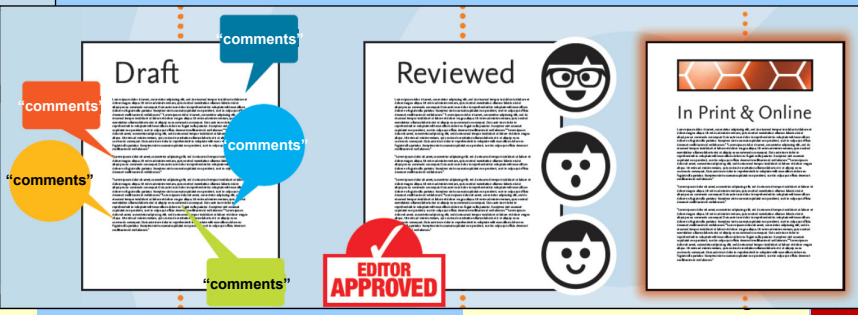
Sharing is limited, for example on platforms such as ResearchGate unless an article was published open access. Can always be shared in response to individual requests and in private groups.

- Typically a Word document
- What you submit to a journal

- incorporated changes from peer review
- Not fully formatted or copyedited
- No journal or publisher branding

- Has been copyedited and fully formatted
- Available in HTML and as a PDF
- Becomes the article of record superseding all other versions

[https://web.unican.es/buc/Documentos/Compartir\\_versiones\\_articulos.pdf](https://web.unican.es/buc/Documentos/Compartir_versiones_articulos.pdf)



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# PLAGIO



REAL ACADEMIA ESPAÑOLA

<http://www.rae.es/>

plagiar Conjugar

Del lat. tardío *plagiāre* 'robar esclavos', 'comprar o vender como esclavos a personas libres'.

Conjug. c. *anunciar*.

1. tr. Copiar en lo sustancial obras ajenas, dándolas como propias.
2. tr. Entre los antiguos romanos, comprar a un hombre libre sabiendo que lo era y retenerlo en servidumbre.
3. tr. Entre los antiguos romanos, utilizar un siervo ajeno como si fuera propio.
4. tr. *Bol., Chile, Col., Ec., El Salv., Guat., Hond., Méx., Nic., Par., Perú y Ven.* Secuestrar a alguien para obtener rescate por su libertad.

Real Academia Española © Todos los derechos reservados

**Grave atentado contra la ética**

Se pueden ***incluir fragmentos de otros autores si:***

- se dispone de **autorización del autor**
- (no disponiendo de autorización) si se cumple todo lo siguiente:
  - el fragmento corresponde a una ***obra ya divulgada***
  - la inclusión se realice a título de cita o reseña para su análisis, comentario o juicio crítico
  - se realice con ***finés docentes o de investigación***
  - y que ***se cite apropiadamente*** (fuente y autor/es)



¿Qué es la propiedad intelectual? - Google Chrome  
www.wipo.int/about-ip/es/

<http://www.wipo.int/about-ip/es/> Contacto Mi cuenta Español

OMPI  
ORGANIZACIÓN MUNDIAL DE LA PROPIEDAD INTELECTUAL

Servicios de P.I. Política Cooperación Referencias Sobre la P.I. La OMPI

Inicio > Sobre la P.I. En esta página

### ¿Qué es la propiedad intelectual?

Versiones en otros idiomas: No todas las páginas están disponibles en todos los idiomas. Si una página no está disponible en el idioma de su elección, se abrirá la página en inglés.

La propiedad intelectual (P.I.) se relaciona con las creaciones de la mente: invenciones, obras literarias y artísticas, así como símbolos, nombres e imágenes utilizados en el comercio.

La legislación protege la P.I., por ejemplo, mediante las patentes, el derecho de autor y las marcas, que permiten obtener reconocimiento o ganancias por las invenciones o creaciones. Al equilibrar el interés de los innovadores y el interés público, el sistema de P.I. procura fomentar un entorno propicio para que prosperen la creatividad y la innovación.

• ¿Qué es la P.I.? [PDF](#)

• Entender el derecho de autor y los derechos conexos | Entender la propiedad industrial

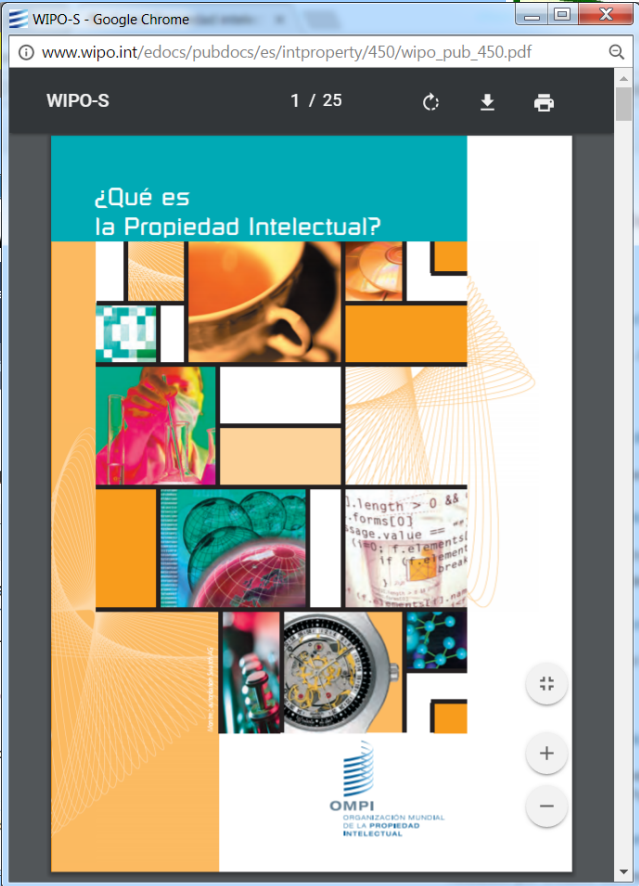
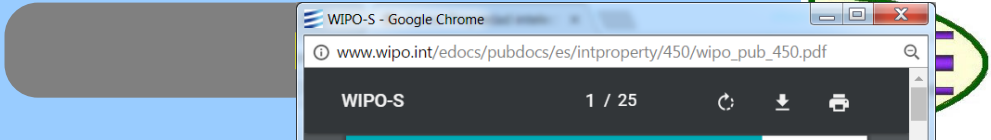
• WIPO Intellectual Property Handbook - Una guía detallada sobre políticas, normas y uso de la P.I.

DESTACADO

**El deporte y la P.I.**

Conozca cómo se usa la propiedad intelectual en el mundo del deporte.





**PLAGIO**





<http://www.buc.unican.es/formacion/evitarplagiotrabajosacademicos0>

Biblioteca de la Universidad de Cantabria

Inicio | Conócenos | Colecciones | Servicios | Formación | Buscar información | ACCESO REMOTO | FAQs | Contacto

Servicios | Formación | Guías y tutoriales

**Los más buscados**

- Horarios
- Préstamos
- Área personalizada
- Reservas y renovaciones
- Bibliografía recomendada
- Préstamo
- Interbibliotecario
- Gestores bibliográficos
- Índices de impacto
- UCrea: repositorio
- Rebiun
- Dialnet
- La Buc en tu móvil

**Usuarios**

- Estudiantes UC
- Docentes e Investigadores
- Personal de administración
- Otros usuarios

Universidad de Cantabria.  
Biblioteca Universitaria  
Creado el 1-11-1996  
Última actualización  
02/03/2017

**Evitar el plagio en trabajos académicos**

Versión para imprimir

**ORIGINALIDAD Y DOCUMENTACIÓN**

En un trabajo académico das cuenta de lo que has aprendido, descubierto o diseñado: por tanto, debe ser **original**. Sin embargo, para que sea riguroso, tiene que apoyarse también en los conocimientos científicos existentes, esto es, ha de estar **documentado**. ¿Cómo ser original y al mismo tiempo basarse en otra información? Siguiendo las reglas de la integridad académica y aplicando una serie de técnicas. Al respecto, puedes consultar también la guía **Documentar los trabajos académicos**.

**LA CREACIÓN Y LA PROPIEDAD INTELECTUAL**

El trabajo intelectual consiste en aprender y generar conocimiento respetando las creaciones ajenas. Las expresiones de las ideas en textos, imágenes, sonidos, datos, etc. **pertenecen a sus creadores** por el mero hecho de crearlas. Este es un principio jurídico reconocido en todo el mundo, con el que se favorecen la creatividad y la innovación. El contenido de una obra es **propiedad del autor** (©), con independencia del soporte físico en que esté registrado y de cómo se haya adquirido. También en internet.

El autor tiene siempre derecho a ser reconocido como tal. Y para reproducir, distribuir, difundir, modificar, etc. los contenidos hay que pedir permiso a su propietario en casi todos los casos. Hay no obstante algunos **límites** al derecho de autor por interés público. Así, por ejemplo, están permitidas: **1) la copia privada** para uso personal, hecha con medios propios y sin fin lucrativo, y **2) la cita** de breves fragmentos con objeto de comentarlos, indicando siempre la procedencia.

Con internet, además, han surgido las licencias **Creative Commons** en las que los autores se reservan menos derechos de propiedad intelectual, liberando sus creaciones para un uso público más abierto. En vez de quedar reservados todos los derechos que la ley concede al autor, sólo se reservan algunos. Pero conservan en general el de atribución de la autoría: ser reconocidos por su creación.

**INTEGRIDAD ACADÉMICA**

En el mundo académico y de la ciencia rigen y se respetan una serie de normas y buenas prácticas, de reglas de juego limpio. El mérito y la excelencia se alcanzan mediante el esfuerzo personal, que cristaliza en estudios y publicaciones. Las ideas que se toman de los demás se reconocen y agradecen como tales, **citándose**, porque la ciencia se construye y progresa de esta manera, creando sobre la base firme de los conocimientos previos. En las **universidades**, en consonancia, los reglamentos exigen igual integridad a los **estudiantes** en su conducta académica (así, el *Reglamento de los procesos de evaluación en la UC*).

**RAZONES Y VENTAJAS DE LA ORIGINALIDAD**

<http://www.buc.unican.es/sites/default/files/tutoriales/CITAR/PAG0.html>

UC  
UNIVERSIDAD  
DE CANTABRIA  
BIBLIOTECA

tutorial  
**CITAR**  
de citas y referencias

**CITAR**

Tutorial de autoformación sobre  
**Citas en Trabajos y Artículos con Referencias**

CITAR sirve para que aprendas por qué y cómo citar otras publicaciones en tus propios trabajos o artículos:

- ▶ Cómo insertar en el texto de tu trabajo las citas de los documentos que has usado.
- ▶ Cómo ordenar las referencias correspondientes en la bibliografía final de tu trabajo.
- ▶ Cómo redactar esas referencias, con qué estilo y según qué tipos de documento.

Las **recomendaciones** que damos aquí se basan en la norma **UNE-ISO 690:2013** (*Información y documentación. Directrices para la redacción de referencias bibliográficas y de citas de recursos de información*). Si tu profesor te da otras indicaciones distintas, debes seguirlas. En general, hay que respetar las pautas del organismo, editor o publicación ante los que presentamos nuestro trabajo. Si no dispones de otras indicaciones, te sugerimos que sigas las recomendaciones de **CITAR**.

1. ¿Por qué citamos?
2. ¿Qué son citas y referencias?
3. ¿Con qué estilo citamos?
4. ¿Qué aspectos abarcan las citas?
5. ¿Cómo citamos en nuestro texto?
6. ¿Cómo ordenamos las referencias?
7. ¿Practicamos un poco?
8. ¿Cómo redactamos las referencias?
  - 8.1. Libros y similares
  - 8.2. Capítulos de libro y similares
  - 8.3. Trabajos, informes y normas
  - 8.4. Revistas y similares
  - 8.5. Artículos de revista y similares
  - 8.6. Congresos y contribuciones
  - 8.7. Sitios web y contribuciones
  - 8.8. Otros tipos de documentos
9. ¿Practicamos más?
10. ¿Por qué no debemos plagiar?
11. ¿Cómo gestionar las referencias?
12. ¿Recapitulamos?
13. ¿Qué significa...? (Glosario)

## 10 CONSEJOS DE LA BIBLIOTECA DE LA UC PARA EVITAR EL PLAGIO

1. Un trabajo académico debe ser **original** porque sirve para dar cuenta de lo que tú has aprendido, descubierto o proyectado, en el marco de una asignatura o culminado en una titulación
2. Un trabajo riguroso y solvente debe, además, estar **documentado**, es decir, ha de basarse en el conocimiento científico existente: teorías, ideas, conceptos, datos, normativa, estado del arte, etc
3. En tu trabajo puedes, por tanto, incorporar contenido de las **fuentes de información ajenas** en las que te basas, siempre que lo adviertas claramente diferenciándolo del resto
4. la **cantidad** de información ajena que puedes incluir en tu trabajo depende de sus objetivos y metodología; consulta con quien te lo dirija; son distintos un estudio de revisión, un proyecto de ingeniería, etc.
5. Hacer pasar por propias las ideas, frases o datos ajenos es **plagio**, viola las reglas académicas y el derecho de autor; cometer plagio te impide aprender, no te prepara como profesional y puede detectarse.

## 10 CONSEJOS DE LA BIBLIOTECA DE LA UC PARA EVITAR EL PLAGIO

1. ~~Un trabajo académico debe ser original porque sirve para dar cuenta de~~
2. 6. Al consultar fuentes de información **toma notas** en un archivo intermedio para su análisis e identificación posteriores; no copies y pegues fragmentos directamente en tu trabajo
3. 7. A menudo interesa recoger en el trabajo **las ideas** de una fuente de información; en este caso resúmalas con tus propias palabras, con las que usa el autor, y cita la procedencia y autoría de las mismas.
4. 8. Si necesitas insertar en tu trabajo **frases literales** de una fuente de información, ponlas entre comillas, en cursiva o en un párrafo aparte sangrado, si es largo, y cita la procedencia y autoría.
5. 9. Para incluir en tu trabajo **imágenes, gráficos o tablas** con datos obtenidos de una fuente de información cita en el pie de la figura la procedencia y autoría: *Fuente: ...*
10. 10. Para hacer todo esto orientate sobre las técnicas y estilos de **citación bibliográfica**; también puedes usar **software bibliográfico**. Consulta sobre estas cuestiones en la Biblioteca.

<https://www.turnitin.com/es/blog/cinco-tipos-plagio-mas-frecuentes>



## Los 5 tipos de plagio más frecuentes

- **Clonación:** presentar el trabajo de otra persona como propio, copiado palabra por palabra
- **Mosaico:** material copiado de múltiples fuentes que encajan bien
- **Copiado:** incluir amplios pasajes de texto de una única fuente sin modificarlos
- **Búsqueda y reemplazo:** cambiar palabras y expresiones clave sin alterar el contenido esencial de las fuentes
- **Remix:** mezclar material parafraseado extraído de múltiples fuentes

← Extremadamente grave

Todas las citas son del mismo trabajo

Copiar cambiando palabras (sinónimos)

## Prevencción de Plagio: 10 modalidades de trabajo poco original



Esta gráfica presenta 10 modalidades de plagio identificadas por medio de una encuesta mundial a un aproximado de 900 educadores de preparatoria y universidad. Cada modalidad ha sido identificada con nombres fáciles de recordar, definidos, ordenados por su gravedad (#1-10) y numerados según su frecuencia de aparición (1=menor, 10=mayor).

Gravedad

Frecuencia





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- Introducción
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- Ética:** "Conjunto de normas morales que rigen la conducta humana".
- Plagiar:** "Copiar en lo sustancial obras ajenas, dándolas como propias".
- Paráfrasis:** "Frase que, imitando en su estructura otra conocida, se formula con palabras diferentes".

Subir

#### ¿Qué es el plagio?

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- Copiar imágenes, música, etc. sin citar su procedencia.
- Utilizar información extraída de un trabajo o publicación y no citarla.
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SUCHEN

Plagiats Portal > Software > Softwaretest 2013 > Report 2013

Report 2013

### Plagiarism Detection Software Test 2013

Debora Weber-Wulff<sup>1</sup>, Christopher Möller<sup>1</sup>, Jannis Touras<sup>2</sup>, Elin Zincke<sup>2</sup>  
<sup>1</sup> HTW Berlin, <sup>2</sup> HU Berlin

**Abstract**

Can software automatically detect plagiarism? Many companies sell software that suggests just that. Prof. Dr. Debora Weber-Wulff, professor for media and computing at the HTW Berlin, has previously conducted six tests of plagiarism detection systems, in 2004, 2007, 2008, 2010, 2011, and 2012. For 2013, instead of attempting to test all possible systems, a selection was made that included software previously found to be at least partially useful, as well as some newcomers. In all, 28 systems were investigated, but only 15 systems were able to complete the test series that included many new test cases designed to address specific aspects of the use of plagiarism detection systems at educational institutions. In particular, large files that simulated bachelor's and master's theses were constructed, one test case was designed to determine if the software can access and use Google Books, and some test cases that use cheats sometimes used by students to thwart such software were put together. In addition, Hebrew was used as the non-Latin test case language 2013.

The results are comparable with previous years: Even if some of the systems are easier to use now, they still do not produce the documentation that would be necessary to present to an examination board. Most problems in the continued process of false positives, the software misses plagiarism

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- Catching up on VroniPlag Wiki
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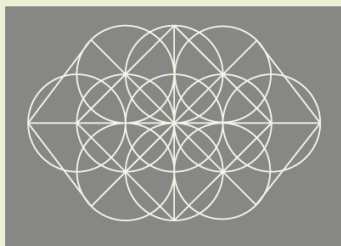
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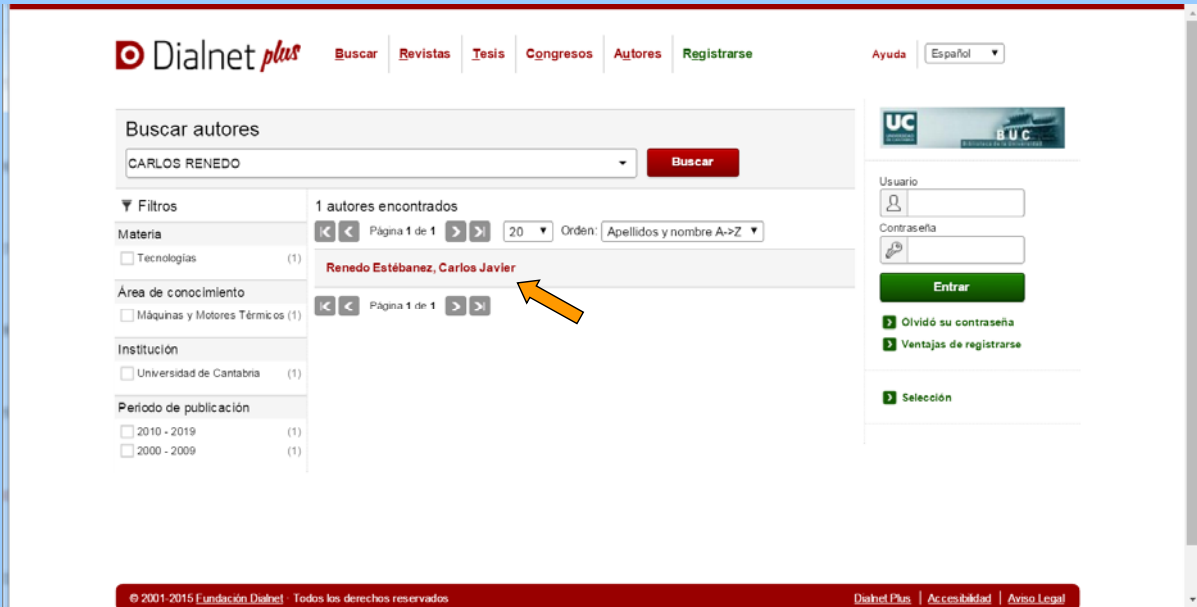
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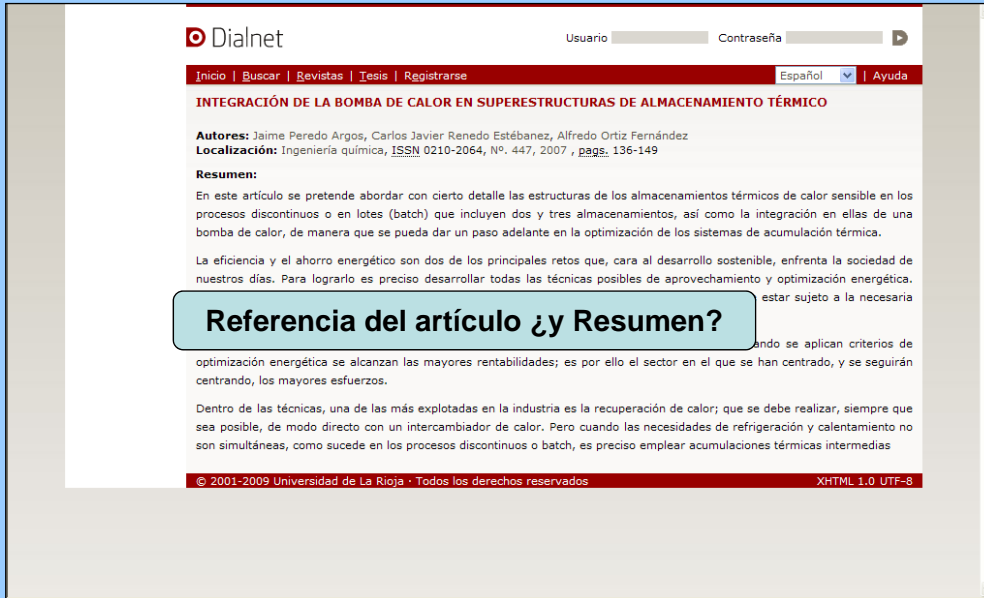
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**Autores:** Jaime Peredo Argos, Carlos Javier Renedo Estébanez, Alfredo Ortiz Fernández  
**Localización:** Ingeniería química, ISSN 0210-2064, Nº. 447, 2007, [pags.](#) 136-149

**Resumen:**  
 En este artículo se pretende abordar con cierto detalle las estructuras de los almacenamientos térmicos de calor sensible en los procesos discontinuos o en lotes (batch) que incluyen dos y tres almacenamientos, así como la integración en ellas de una bomba de calor, de manera que se pueda dar un paso adelante en la optimización de los sistemas de acumulación térmica.  
 La eficiencia y el ahorro energético son dos de los principales retos que, cara al desarrollo sostenible, enfrenta la sociedad de nuestros días. Para lograrlo es preciso desarrollar todas las técnicas posibles de aprovechamiento y optimización energética, estar sujeto a la necesaria optimización energética se alcanzan las mayores rentabilidades; es por ello el sector en el que se han centrado, y se seguirán centrando, los mayores esfuerzos.  
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- Anales de mecánica y electricidad e-Revista Latindex UC
- Annual review of fluid mechanics ← UC
- Applied Computational Electromagnetics Society journal UC

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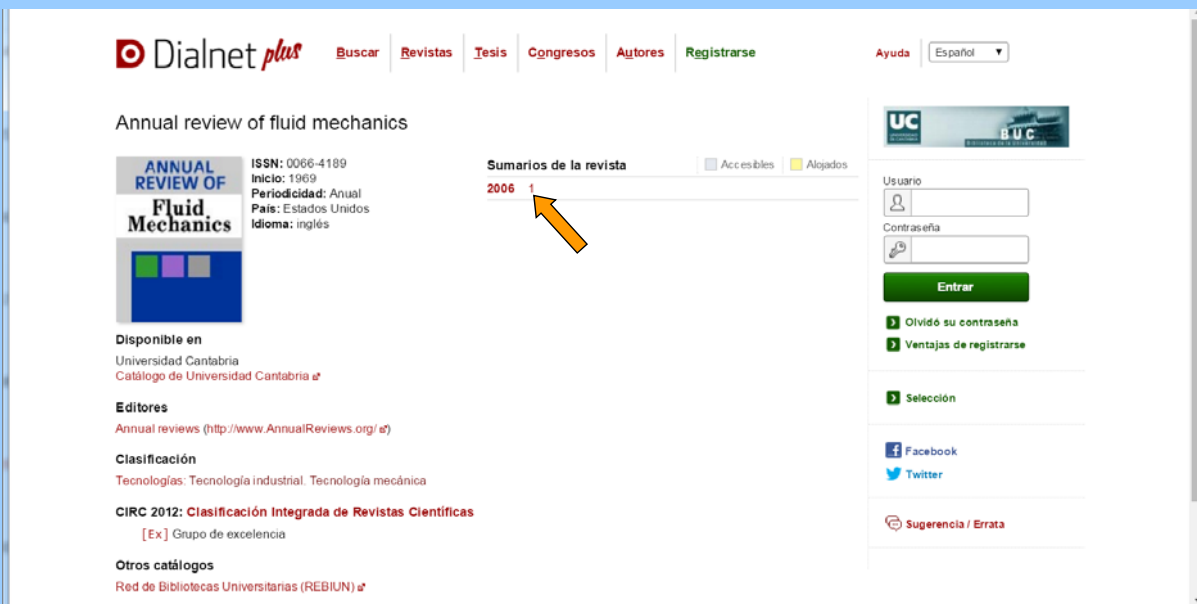
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Annual review of fluid mechanics

ANNUAL REVIEW OF Fluid Mechanics

ISSN: 0066-4189  
Inicio: 1969  
Periodicidad: Anual  
País: Estados Unidos  
Idioma: inglés

Sumarios de la revista  
2006 1

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Editores  
Annual reviews (http://www.AnnualReviews.org/)

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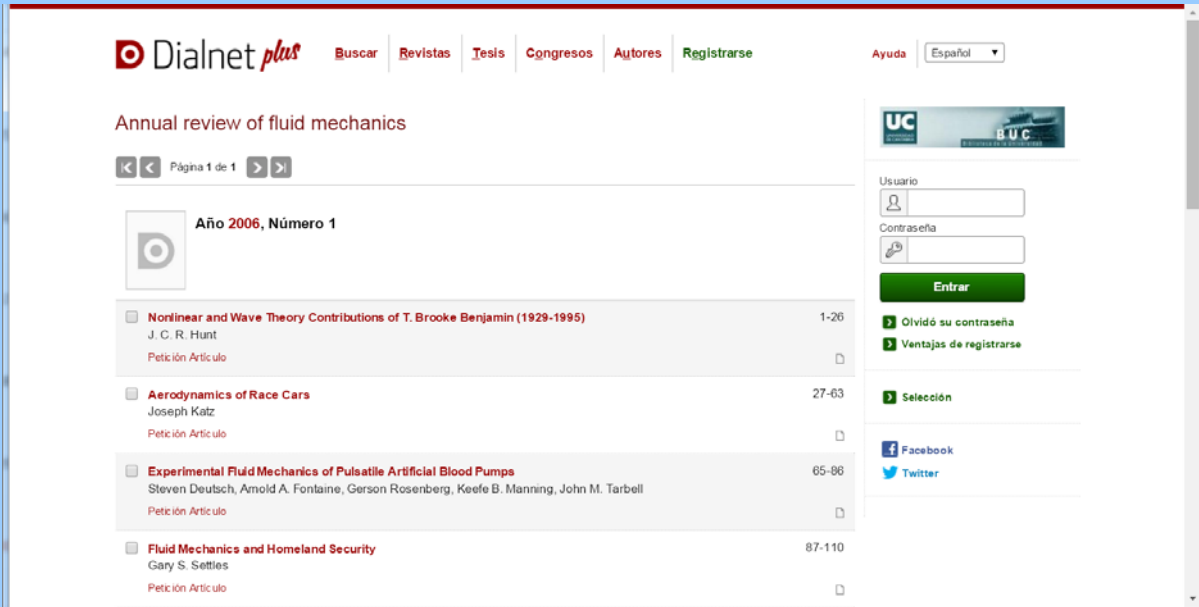
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Annual review of fluid mechanics

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- Nonlinear and Wave Theory Contributions of T. Brooke Benjamin (1929-1995)** 1-26  
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- Aerodynamics of Race Cars** 27-63  
Joseph Katz  
[Petición Artículo](#)
- Experimental Fluid Mechanics of Pulsatile Artificial Blood Pumps** 65-96  
Steven Deutsch, Arnold A. Fontaine, Gerson Rosenberg, Keefe B. Manning, John M. Tarbell  
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- Fluid Mechanics and Homeland Security** 87-110  
Gary S. Settles  
[Petición Artículo](#)

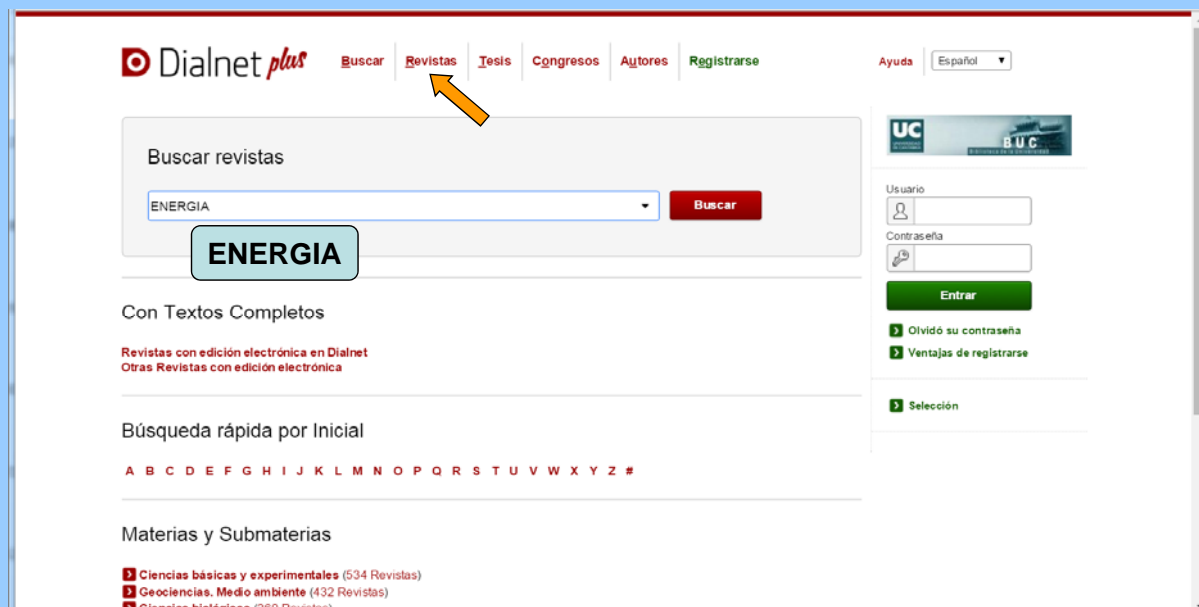
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ISSN: 0210-2056  
Inicio: 1975 - Final: 2012  
Periodicidad: Bimestral  
País: España  
Idioma: español  
Página web de la revista: \*  
Índice de autores  
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Clasificación:  
Tecnologías: Construcción, Arquitectura, Tecnología ambiental  
Tecnologías: Energía, Tecnología eléctrica

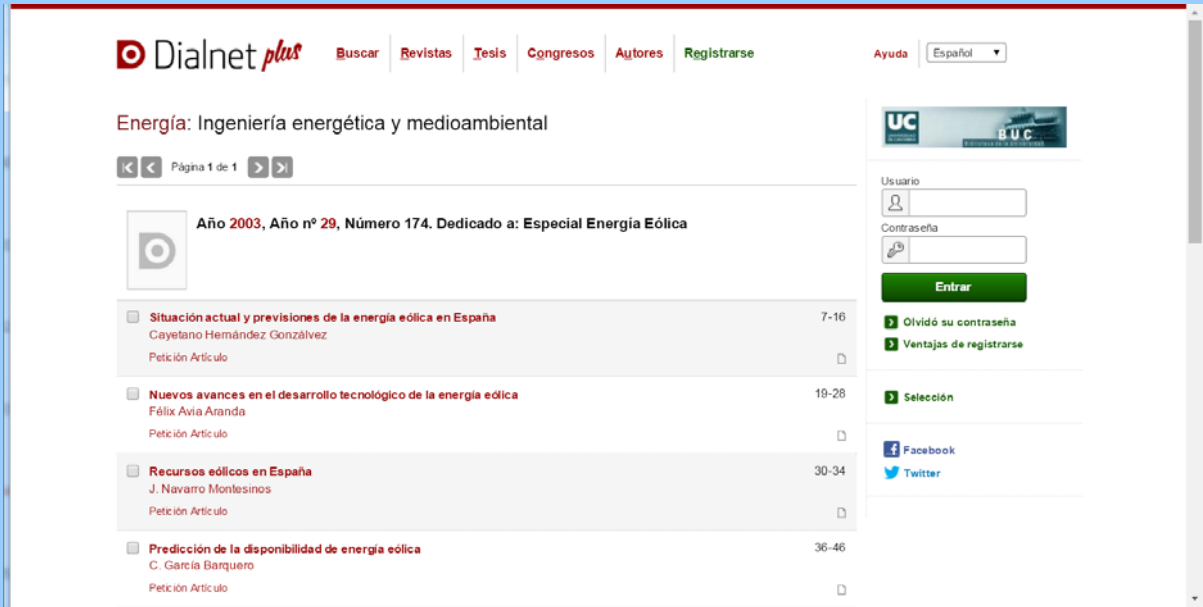
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2003	Año nº 29	168 Extra 169 170 171 172 173 174 175
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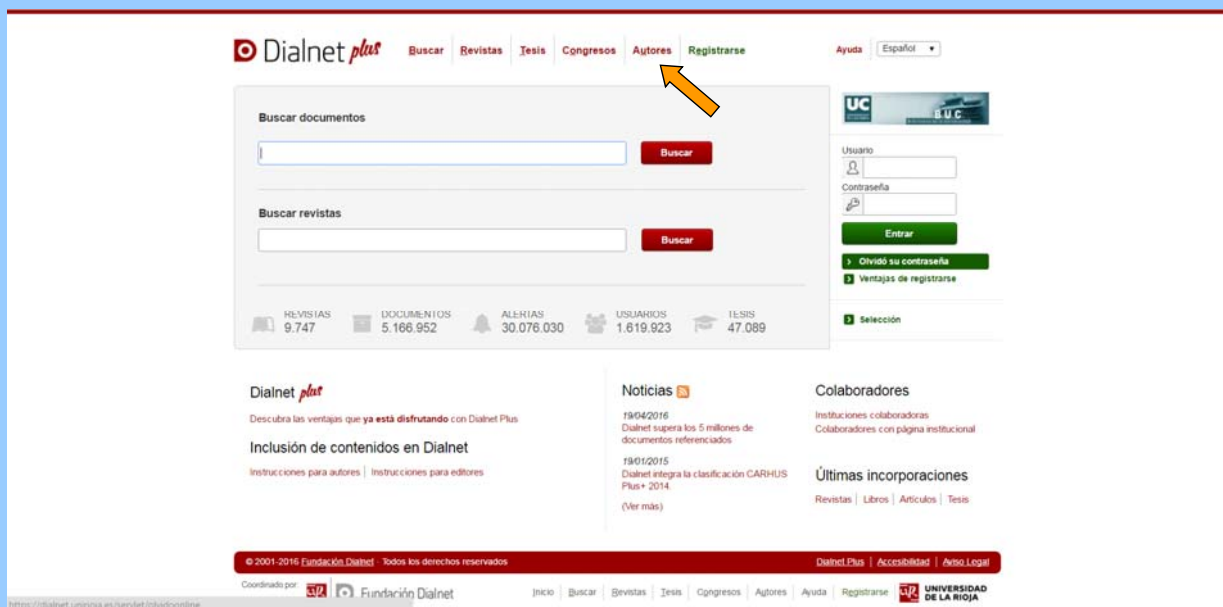
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- Nuevos avances en el desarrollo tecnológico de la energía eólica** 19-28  
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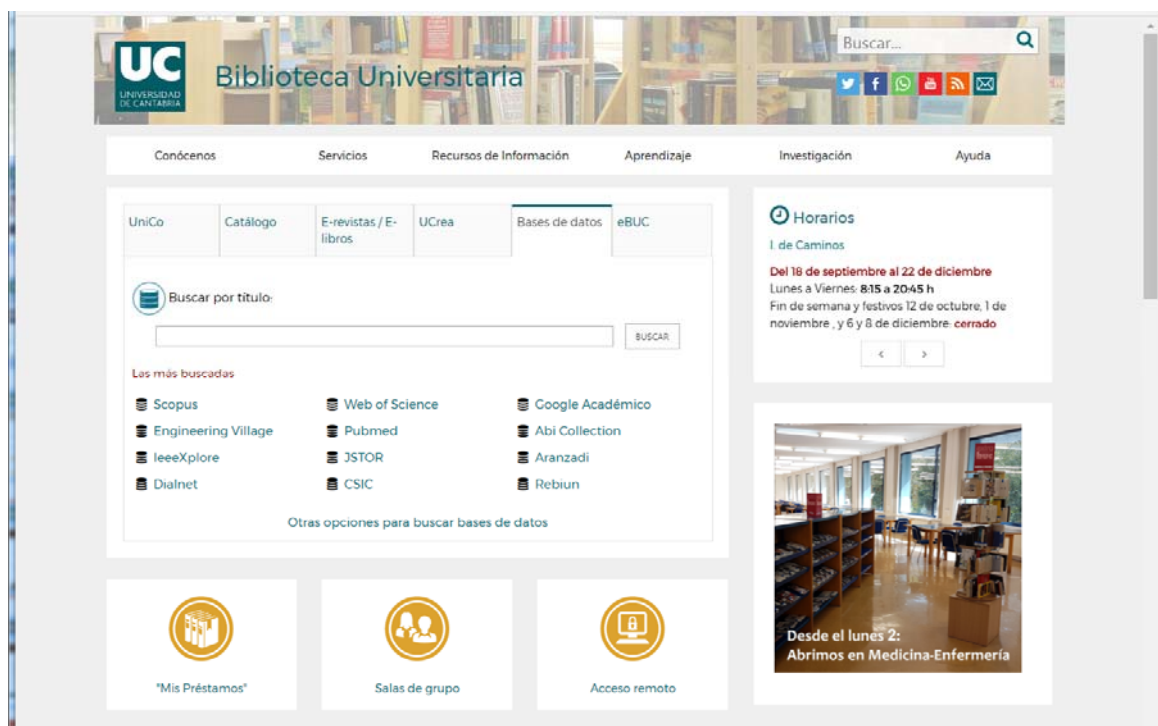
Autor	Institución
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- Eficiencia energética en Centros de Proceso de Datos** Martínez, R.; Arroyo, A.; Fernández, I.; Mañana, M.; Renedo, C., 2012, M.I. Montajes e instalaciones
- Refrigeración termoacústica Fernández, M.; Fernández, I.; Arroyo, A.; Renedo, C.J.; Blanco Silva, F.; López Díaz, A., 2012, M.I. Montajes e instalaciones
- Cogeneración mediante recuperación energética de calor de gases de escape Fernández-Fernández, Manuel; Renedo-Estebanez, Carlos; Ortiz-Fernández, Alfredo; Pérez-Remesal, Severiano; Fernández-Diego, Inmaculada; Mañana-Canteli, Mario, 2011, Dyna (Bilbao)
- Presente y futuro de la refrigeración magnética, Fernández, M.; Pérez, S.; Fernández, I.; Delgado, F.; Arroyo, A.; Renedo, C. J., 2011, M.I. Montajes e instalaciones
- Pequeños equipos de refrigeración Renedo, C.J.; Pérez, S.; Fernández, I.; Delgado, F.; Arroyo, A.; Fernández, M., 2010, M.I. Montajes e instalaciones
- El compresor Scroll en los sistemas de climatización Arroyo, A.; Cubillas, C.; Renedo, C.J.; Carcedo, J.; Fernández, R.; Muñiz, L.M., 2009, M.I. Montajes e instalaciones
- Protecciones para limitar demanda energética de climatización Carcedo, J.; Bahamonde, J.; Renedo, C.J.; Arroyo, A.; Pérez, S.; Delgado, F., 2009, M.I. Montajes e instalaciones
- RETscreen: evaluación de proyectos de energía limpia Ruiz, S.; Ortiz, A.; Renedo, C. J.; Mañana, M.; Ortiz, F., 2009, M.I. Montajes e instalaciones
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Núm. Registro: 215253  
 Autores: [Martínez R.](#); [Arroyo A.](#); [Fernández I.](#); [Mañana M.](#); [Renedo C.](#)  
 Título: Eficiencia energética en Centros de Proceso de Datos  
 Lugar de trabajo: Dep. Ingeniería Eléctrica Energética Univ. Cantabria  
 ISSN: 0210-184X  
 Revista: [M.I. Montajes e Instalaciones](#)  
 Datos Fuente: 2012, 42(463): 50-55, 7 Ref  
 Tipo de documento: Artículo de revista  
 Lengua: Español  
 Localización: ICYT  
 Descriptores: [Centros de cálculo](#); [Alimentación eléctrica](#); [Consumo energético](#); [Eficiencia energética](#)  
 Clasificación: 332206, Aprovechamiento y ahorro energético  
 Resumen: Los centros de proceso de datos (CPDs) son instalaciones específicamente destinadas al almacenamiento, procesado y comunicación de datos, y abarcan todos los ámbitos de la actividad económica, técnica y social. Desde el punto de vista de su consumo energético, suponen un porcentaje significativo del consumo total de energía eléctrica, que algunos estudios cifran en 1,5 veces el consumo total de la ciudad de Nueva York. De igual forma, se estima que su huella de carbono supone el 2% del total mundial. Este trabajo analiza la arquitectura básica, en términos energéticos, de este tipo de instalaciones, así como los parámetros utilizados habitualmente para estimar su nivel de eficiencia. (A)  
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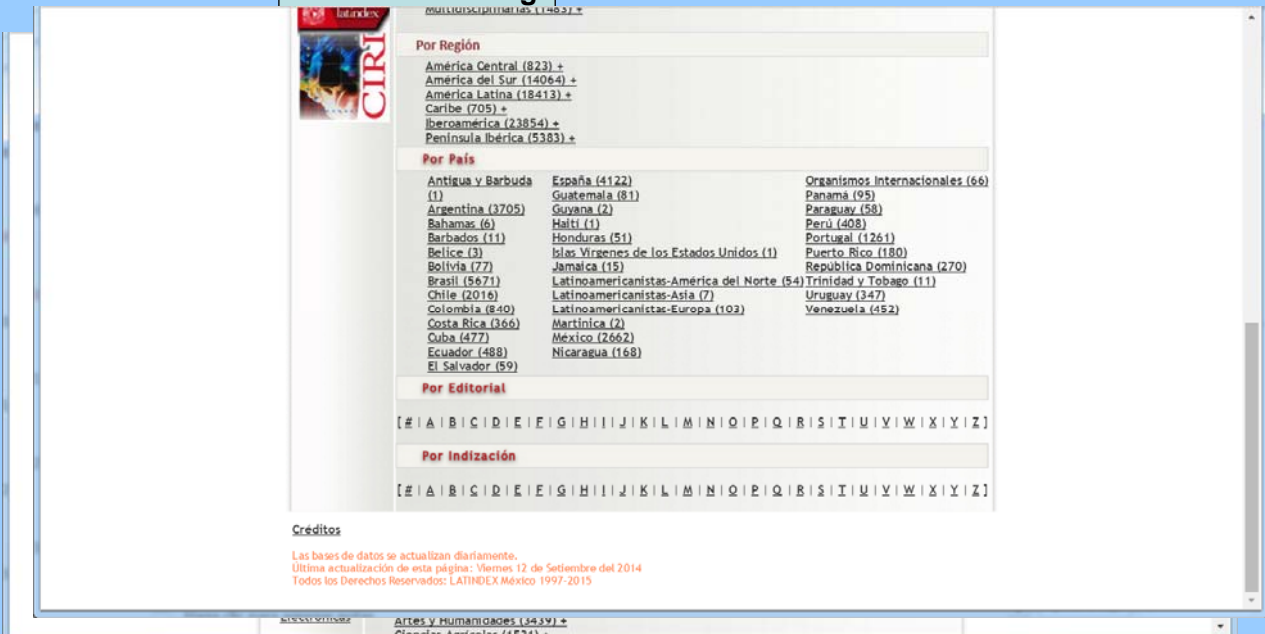
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- Reblun
- Dialnet
- La BUC en tu móvil

**Usuarios**

- Estudiantes UC
- Docentes e investigadores
- Personal de administración
- Otros usuarios

Único | Catálogo | E-revistas | Repositorio UCrea | Bases de Datos

Buscar por título

Scopus | Engineering Village | IEEE Xplore | Dialnet | Web of Science | Pubmed | JSTOR | CSIC | Google Académico | Abi Complete | Aranzadi | Reblun

Otras opciones para buscar bases de datos

**Noticias**

- El tercer año de UCrea, en ofras
- Bates' Visual Guide to Physical Examination, Producto en prueba.
- International OPEN ACCESS Week, 19-25 octubre
- Guías de estudio MOS 2013 para la certificación Microsoft Office Specialist.
- Obras en Medicina y Enfermería

**Semana Internacional del ACCESO ABIERTO**

19-25 Octubre

Tweets

Biblioteca UC @BUCantabria  
Del 19 al 25 de octubre estamos celebrando la Semana Internacional del Acceso Abierto: [buc.unican.es/internacional...](http://buc.unican.es/internacional...) [pic.twitter.com/UFXOdMa3Vr](https://pic.twitter.com/UFXOdMa3Vr)

Inicio | Conócenos | Colecciones | Servicios | Formación | Buscar información | ACCESO REMOTO | FAQs | Contacto

**Los más buscados**

- Horarios
- Préstamos
- Área personalizada
- Reservas y renovaciones
- Bibliografía recomendada
- Préstamo
- Interbibliotecario
- Refworks y Flow
- Índices de impacto
- UCrea: repositorio
- Reblun
- Dialnet
- La BUC en tu móvil

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Buscar información | Bases de datos

**Bases de datos**

Listado alfabético: A - B - C - D - E - F - G - H - I - J - K - L - M - N - O - P - Q - R - S - T - U

Buscar por título

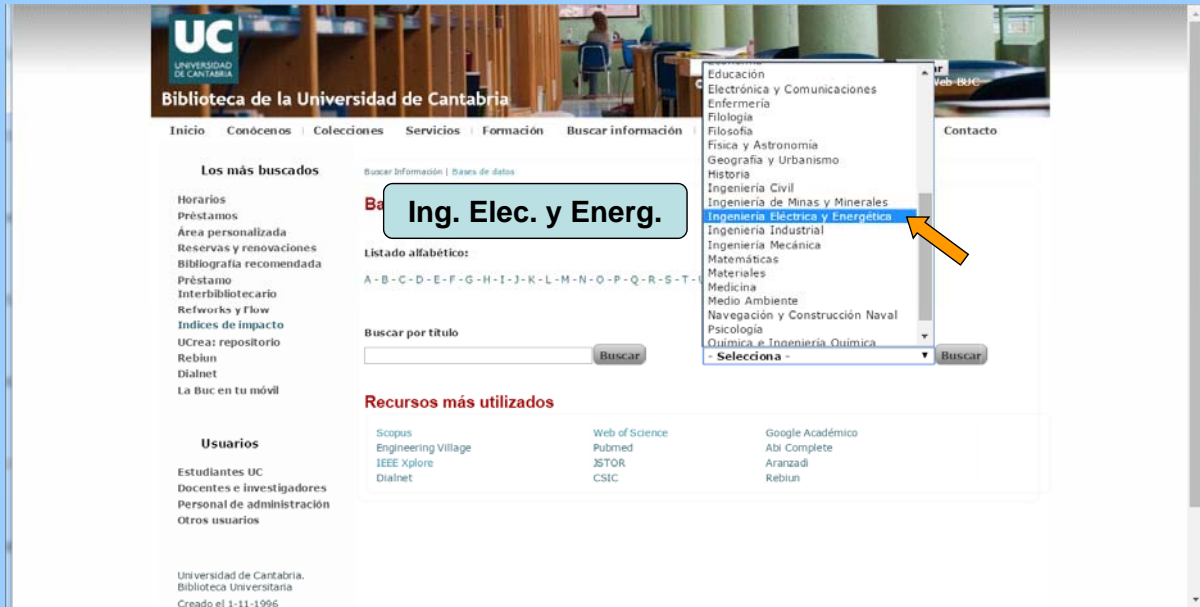
Scopus | Engineering Village | IEEE Xplore | Dialnet | Web of Science | Pubmed | JSTOR | CSIC | Google Académico | Abi Complete | Aranzadi | Reblun

**Recursos más utilizados**

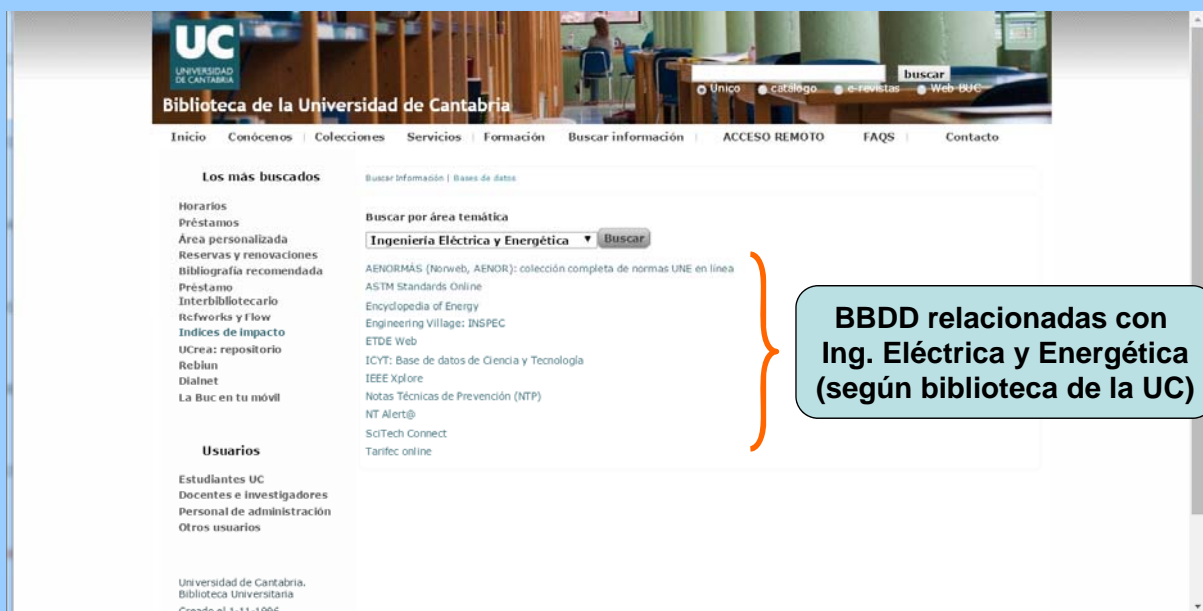
Selección -  
General  
Informes  
Normas  
Patentes  
Tesis  
Ciencias Sociales y Humanidades  
Ciencia y Tecnología  
...  
Administración de Empresas  
Arte  
Bibliotecología y Documentación  
Biociencias  
Biología  
Ciencias de la Tierra  
Computación e Informática  
Derecho  
Economía  
Educación  
Electrónica y Comunicaciones  
- Selecciona -

Buscar





The screenshot shows the UC library website interface. A search dropdown menu is open, listing various disciplines. 'Ingeniería Eléctrica y Energética' is highlighted in blue, and an orange arrow points to it. Other visible options include Educación, Electrónica y Comunicaciones, Enfermería, Filología, Filosofía, Física y Astronomía, Geografía y Urbanismo, Historia, Ingeniería Civil, Ingeniería de Minas y Metales, Ingeniería Industrial, Ingeniería Mecánica, Matemáticas, Materiales, Medicina, Medio Ambiente, Navegación y Construcción Naval, Psicología, Química e Ingeniería Química, and Selecciona.



The screenshot shows the UC library website interface. A search dropdown menu is open, listing various disciplines. 'Ingeniería Eléctrica y Energética' is highlighted in blue. Below the dropdown, a list of related databases is shown under the heading 'Buscar por área temática'. A large orange bracket groups these databases, with a callout box containing the text: 'BBDD relacionadas con Ing. Eléctrica y Energética (según biblioteca de la UC)'. The databases listed include: AENORMÁS (Noweb, AENOR): colección completa de normas UNE en línea; ASTM Standards Online; Encyclopedia of Energy; Engineering Village: INSPEC; ETDE Web; ICYT: Base de datos de Ciencia y Tecnología; IEEE Xplore; Notas Técnicas de Prevención (NTP); NT Alert@; SciTech Connect; and Tarifec online.



# Otras BBDD:

## Engineering Village

**Biblioteca de la Universidad de Cantabria**

Inicio | Conócenos | Colecciones | Servicios | Formación | Buscar información | ACCESO REMOTO | FAQs | Contacto

**Los más buscados**

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**Buscar por área temática**

Ingeniería Eléctrica y Energética

- AENORMÁS (Nonweb, AENOR): colección completa de normas UNE en línea
- ASTM Standards Online
- Encyclopedia of Energy
- Engineering Village: INSPEC
- ETDE Web
- ICYT: Base de datos de Ciencia y Tecnología
- IEEE Xplore
- Notas Técnicas de Prevención (NTP)
- NT Alert@
- SciTech Connect
- Tarifec online

Universidad de Cantabria.  
Biblioteca Universitaria  
Creado el 1-11-1995

# Otras BBDD:

**Biblioteca Universitaria**

Conócenos | Servicios | Recursos de Información | Aprendizaje | Investigación | Ayuda

UniCo | Catálogo | E-revistas / E-libros | UCrea | Bases de datos | eBUC

Buscar por título:

**Las más buscadas**

- Scopus
- Engineering Village
- ieeXplore
- Dialnet
- Web of Science
- Pubmed
- JSTOR
- CSIC
- Google Académico
- Abi Collection
- Aranzadi
- Rebiun

Otras opciones para buscar bases de datos

**Horarios**

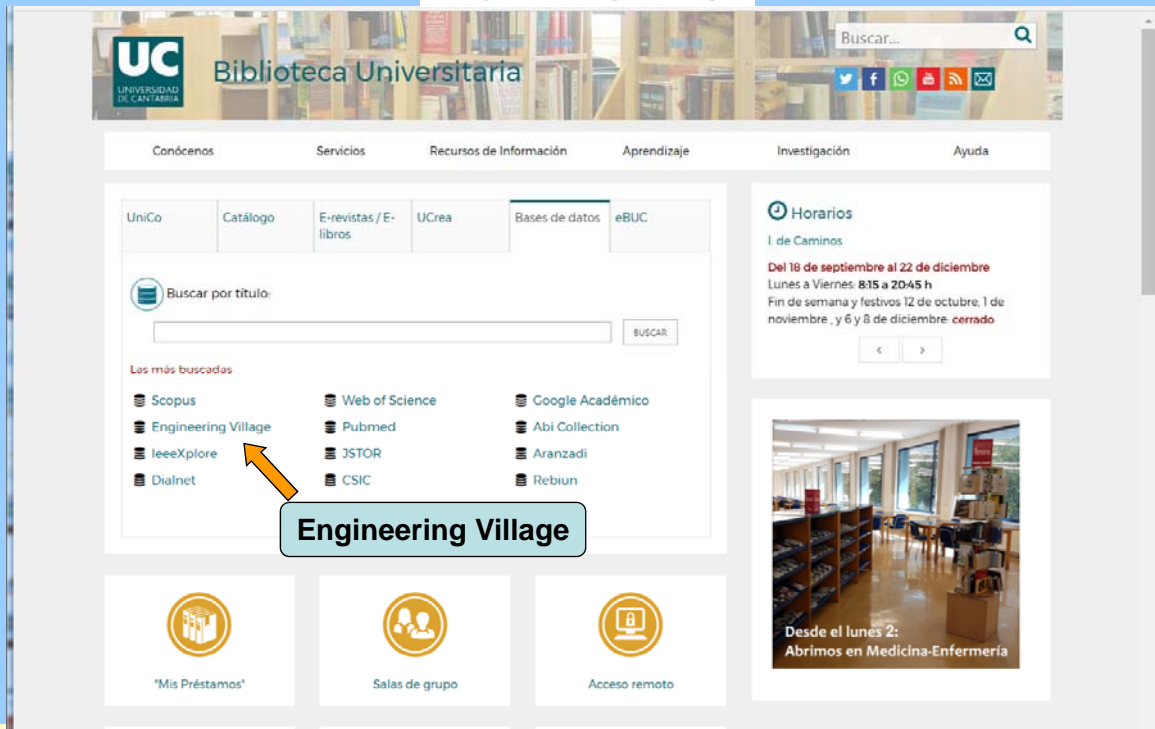
I de Caminos

**Del 18 de septiembre al 22 de diciembre**  
Lunes a Viernes: 8:15 a 20:45 h  
Fin de semana y festivos 12 de octubre, 1 de noviembre, y 6 y 8 de diciembre: **cerrado**

Desde el lunes 2:  
Abrimos en Medicina-Enfermería

"Mis Préstamos" | Salas de grupo | Acceso remoto

## Engineering Village



UC Biblioteca Universitaria

Conócenos Servicios Recursos de Información Aprendizaje Investigación Ayuda

UniCo Catálogo E-revistas / E-libros UCrea Bases de datos eBUC

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- Dialnet
- Web of Science
- Pubmed
- JSTOR
- CSIC
- Google Académico
- Abi Collection
- Aranzadi
- Rebiun

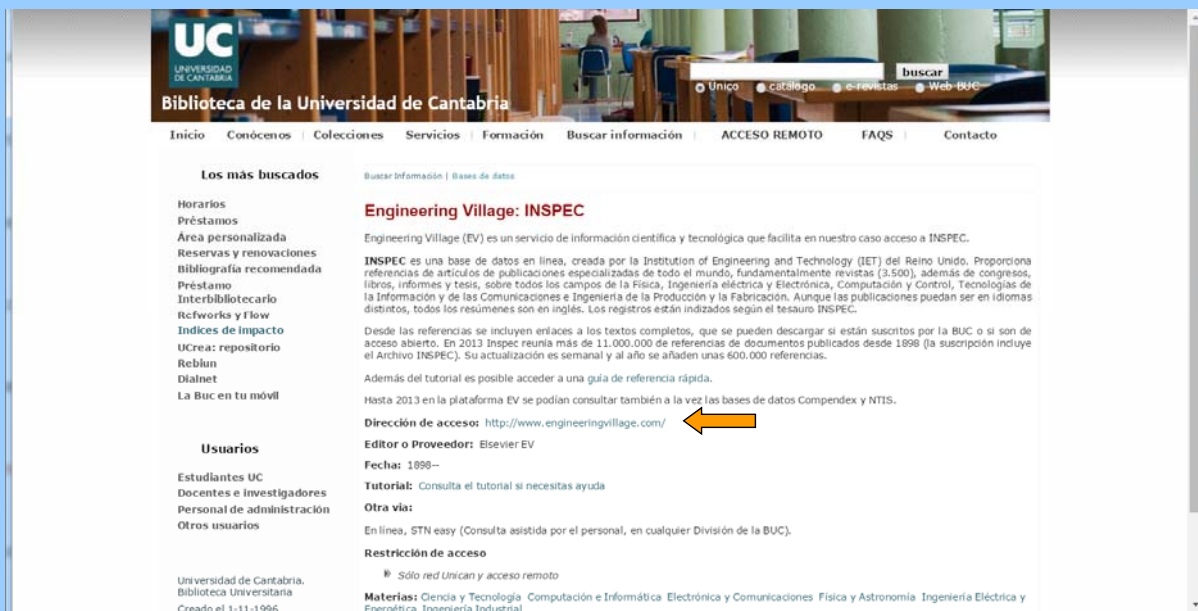
**Engineering Village**

\*Mis Préstamos Salas de grupo Acceso remoto

Horarios  
1 de Caminos  
Del 16 de septiembre al 22 de diciembre  
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## Engineering Village



UC Biblioteca de la Universidad de Cantabria

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Universidad de Cantabria.  
Biblioteca Universitaria  
Creado el 1-11-1996

Buscar Información | Bases de datos

**Engineering Village: INSPEC**

Engineering Village (EV) es un servicio de información científica y tecnológica que facilita en nuestro caso acceso a INSPEC.

INSPEC es una base de datos en línea, creada por la Institution of Engineering and Technology (IET) del Reino Unido. Proporciona referencias de artículos de publicaciones especializadas de todo el mundo, fundamentalmente revistas (3.500), además de congresos, libros, informes y tesis, sobre todos los campos de la Física, Ingeniería eléctrica y Electrónica, Computación y Control, Tecnologías de la Información y de las Comunicaciones e Ingeniería de la Producción y la Fabricación. Aunque las publicaciones puedan ser en idiomas distintos, todos los resúmenes son en inglés. Los registros están indexados según el tesoro INSPEC.

Desde las referencias se incluyen enlaces a los textos completos, que se pueden descargar si están suscritos por la BUC o si son de acceso abierto. En 2013 Inspecc reunía más de 11.000.000 de referencias de documentos publicados desde 1898 (la suscripción incluye el Archivo INSPEC). Su actualización es semanal y al año se añaden unas 600.000 referencias.

Además del tutorial es posible acceder a una guía de referencia rápida.

Hasta 2013 en la plataforma EV se podían consultar también a la vez las bases de datos Compendex y NTIS.

**Dirección de acceso:** <http://www.engineeringvillage.com/>

**Editor o Proveedor:** Elsevier EV

**Fecha:** 1898-

**Tutorial:** Consulta el tutorial si necesitas ayuda

**Otra vía:**  
En línea, STN easy (Consulta asistida por el personal, en cualquier División de la BUC).

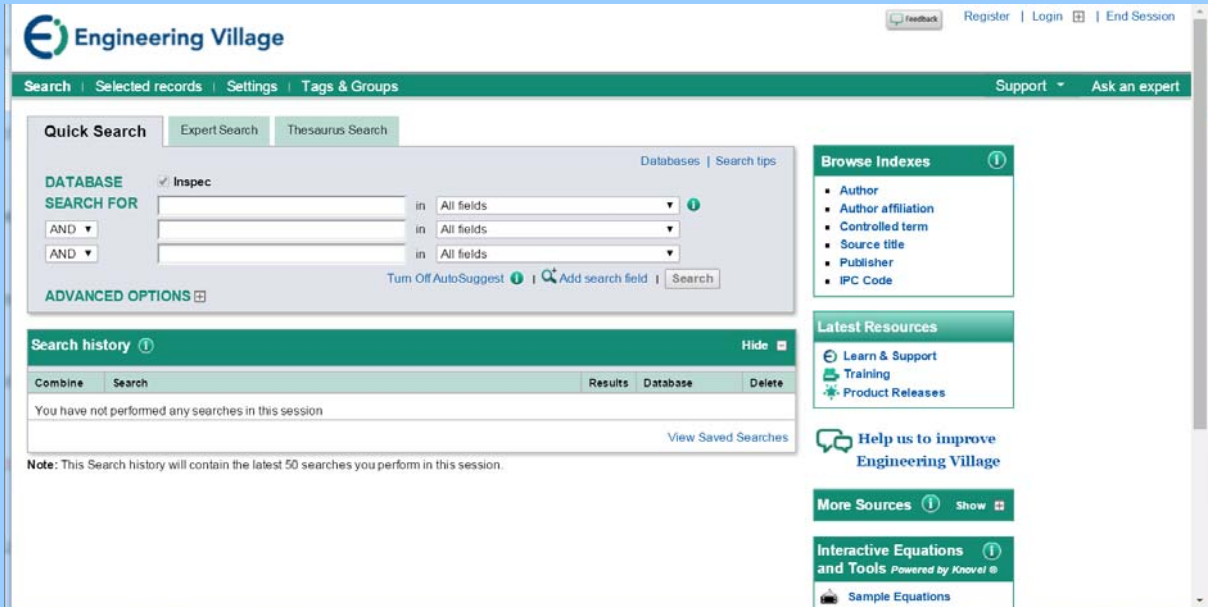
**Restricción de acceso**

- Sólo red Unican y acceso remoto

**Materias:** Ciencia y Tecnología Computación e Informática Electrónica y Comunicaciones Física y Astronomía Ingeniería Eléctrica y Energética Ingeniería Industrial

# Otras BBDD:

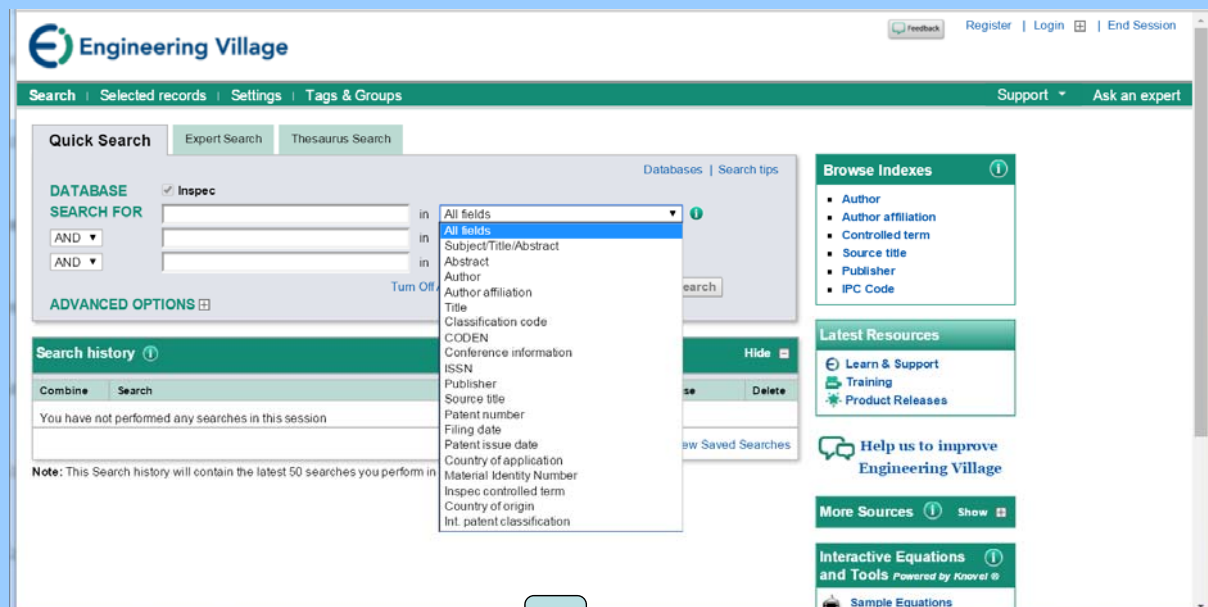
## Engineering Village



The screenshot shows the Engineering Village search interface. At the top, there are navigation links for 'Search', 'Selected records', 'Settings', and 'Tags & Groups'. The main search area includes a 'Quick Search' section with a 'DATABASE' dropdown set to 'Inspec' and three 'SEARCH FOR' input fields. To the right, there are sections for 'Browse Indexes' (listing Author, Author affiliation, etc.), 'Latest Resources' (Learn & Support, Training, Product Releases), and 'Interactive Equations and Tools'. A 'Search history' table is visible below the search form, showing no recent searches.

# Otras BBDD:

## Engineering Village



This screenshot is similar to the previous one, but the 'SEARCH FOR' dropdown menu is open, displaying a list of search fields including 'All fields', 'Subject/Title/Abstract', 'Abstract', 'Author', 'Author affiliation', 'Title', 'Classification code', 'CODEN', 'Conference information', 'ISSN', 'Publisher', 'Source title', 'Patent number', 'Filing date', 'Patent issue date', 'Country of application', 'Material Identity Number', 'Inspec controlled term', 'Country of origin', and 'Int. patent classification'. The 'All fields' option is currently selected.

# Otras BBDD:



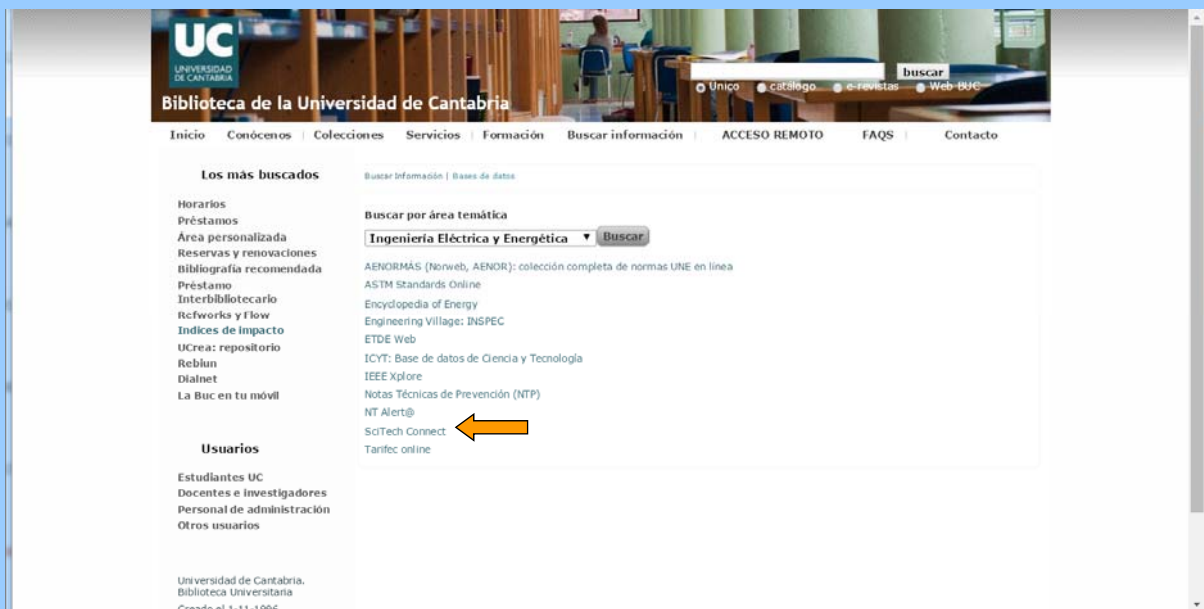
## Scirus



# Otras BBDD:



## SciTech Connect





# Otras BBDD:

## SciTech Connect

The screenshot shows the website of the Biblioteca de la Universidad de Cantabria. The main content area features a search bar and a list of databases. The 'SciTech Connect' entry is highlighted with an orange arrow pointing to the 'Dirección de acceso' field, which contains the URL 'SciTech Connect'.

**Los más buscados**

- Horarios
- Préstamos
- Área personalizada
- Reservas y renovaciones
- Bibliografía recomendada
- Préstamo
- Interbibliotecario
- Refworks y Flow
- Índices de Impacto
- UCrea: repositorio
- Reblun
- Dialnet
- La Buc en tu móvil

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- Otros usuarios

**SciTech Connect**

El Departamento de Energía (DOE) y la Oficina de Información Científica y Técnica (OSTI) de los EEUU divulga los resultados de sus investigaciones a través de este portal: SciTech Connect, que contiene casi tres millones de referencias y en algunos casos, textos completos, de artículos, congresos, informes y otros documentos publicados desde 1940.

**Dirección de acceso:** SciTech Connect

**Editor o Proveedor:** Office of Scientific and Technical Information (OSTI)

**Materias:** Informes Ingeniería Eléctrica y Energética Ingeniería Industrial

# Otras BBDD:

## SciTech Connect

The screenshot shows the SciTech Connect website interface. It features a search bar with a 'Find' button and a 'Semantic Search' dropdown. Below the search bar, there are several subject categories listed under 'Explore By Subject'. An orange arrow points to the 'Renewable Energy Sources' category.

**SciTech Connect**

Your connection to science, technology, and engineering research information from the U.S. Department of Energy

Full Text Citations Multimedia Datasets Everything

Start new search -- Place phrase in "double quotes" Find

Semantic Search Term Search + Advanced Search

SciTech Connect consolidates the contents of OSTI's Information Bridge and Energy Citations Database. [More Information](#)

Create a SciTech account and customize how your search results are displayed! [SciTech Connect accounts video tutorial](#)

**Explore By Subject** [Explore by Subject video tutorial](#)

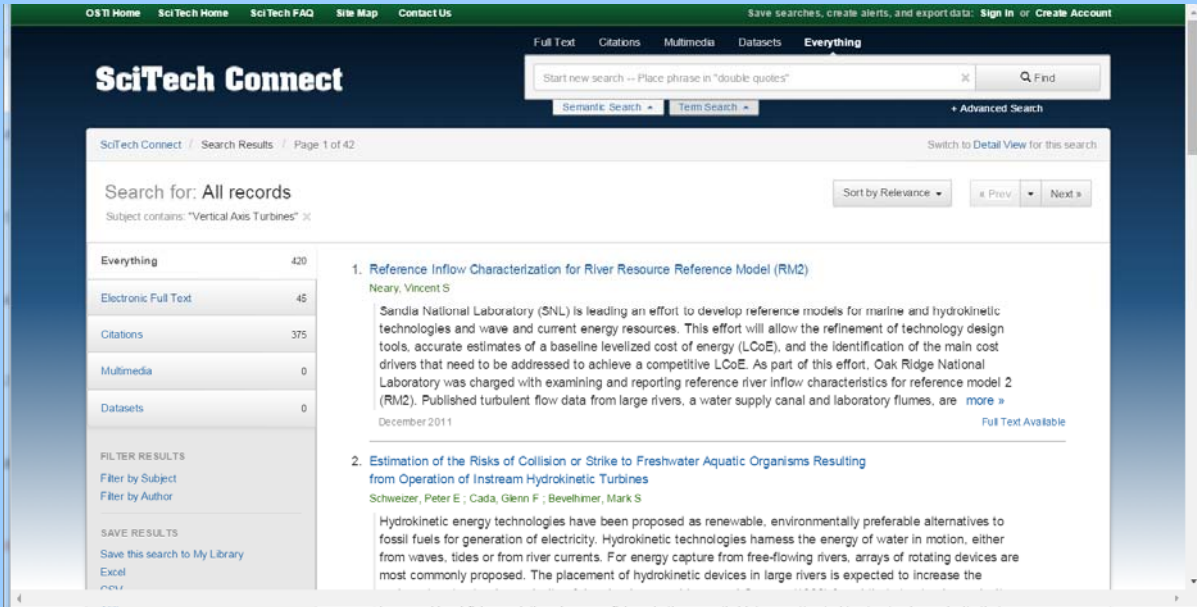
- Biology and Medicine
- Chemistry
- Energy Storage, Conversion, and Utilization
- Engineering
- Environmental Sciences
- Fission and Nuclear Technologies
- Fossil Fuels
- Geosciences
- Materials
- Mathematics and Computing
- National Defense
- Physics
- Power Generation and Distribution
- Renewable Energy Sources





# Otras BBDD:

## SciTech Connect



The screenshot shows the SciTech Connect search results page. The search query is "Vertical Axis Turbines". The results are sorted by relevance. The first result is titled "Reference Inflow Characterization for River Resource Reference Model (RM2)" by Neary, Vincent S. The second result is "Estimation of the Risks of Collision or Strike to Freshwater Aquatic Organisms Resulting from Operation of Instream Hydrokinetic Turbines" by Schweizer, Peter E.; Cada, Glenn F.; Bevelhimer, Mark S.

# Otras BBDD:

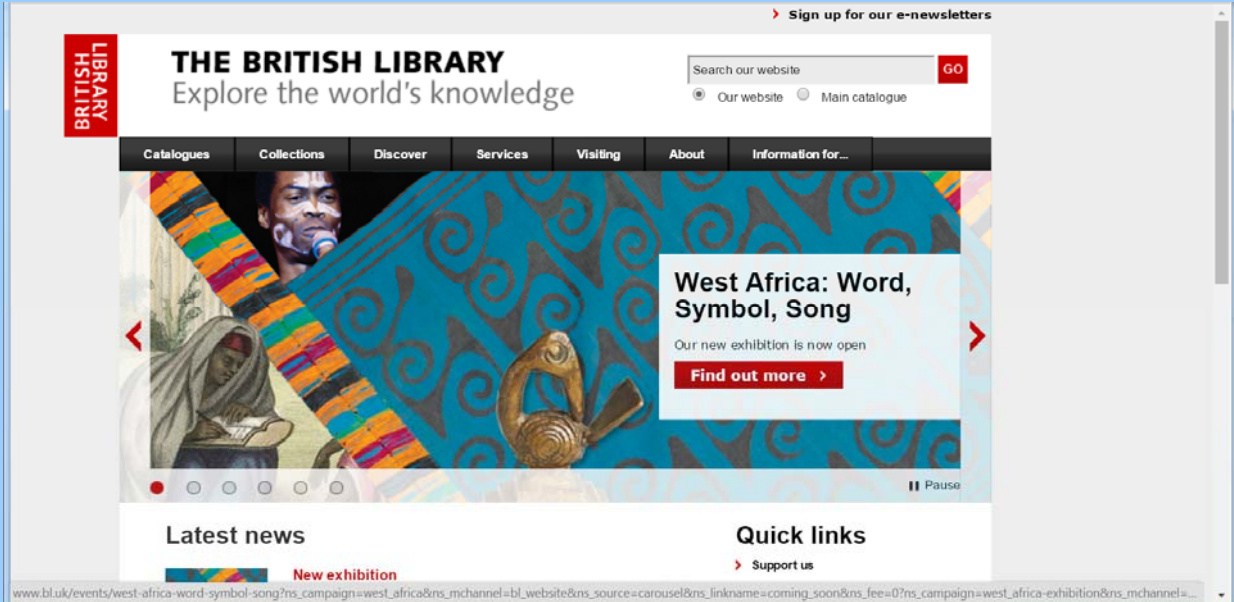
## REDALIC



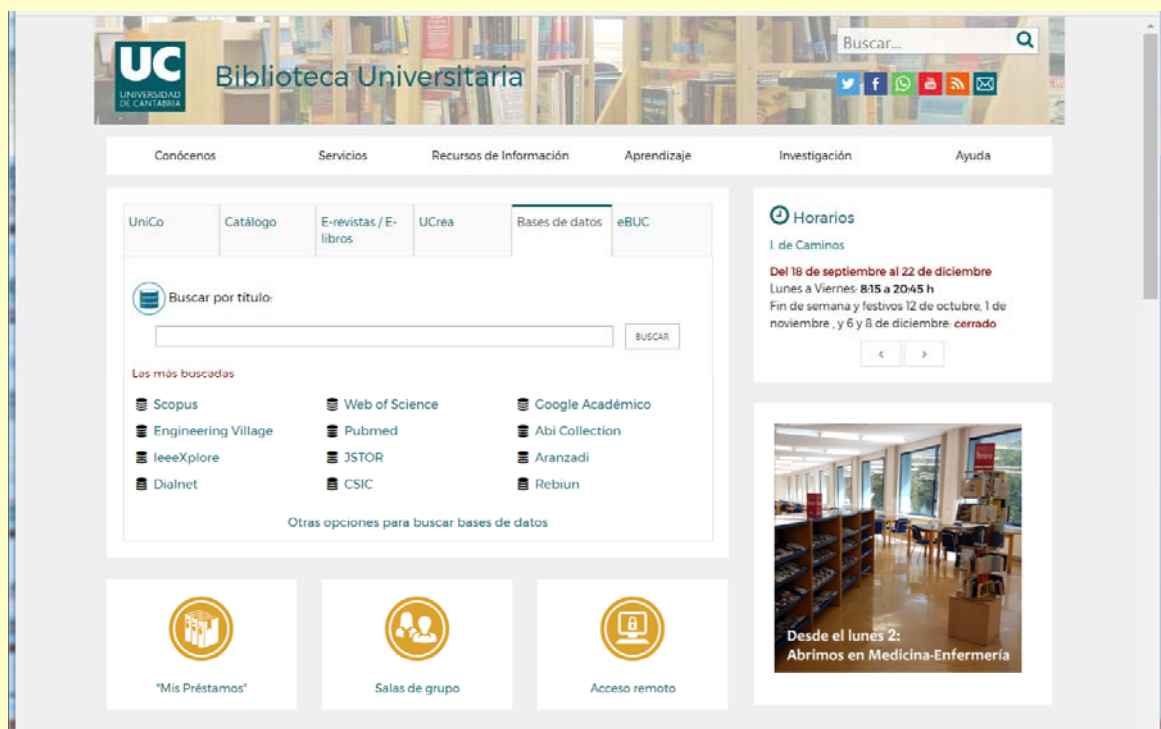
The screenshot shows the REDALIC website. The header includes the logo for UAEM redalyc.org and the text "Red de Revistas Científicas de América Latina y el Caribe, España y Portugal Sistema de Información Científica". Below the header, there are statistics: "1045 revistas científicas | 33 465 fascículos | 428 751 artículos a texto completo". There is a search bar with a dropdown menu set to "Artículos" and a search button. Below the search bar, there are radio buttons for "Todo", "CSyH", and "CNYE". At the bottom, there are three main sections: "Colecciones de revistas", "Indicadores científicos", and "Informes de producción".

# Otras BBDD:

## BRITISH LIBRARY



# Otras BBDD:



# Otras BBDD:

Google Scholar

UC Biblioteca Universitaria

Conócenos Servicios Recursos de Información Aprendizaje Investigación Ayuda

UniCo Catálogo E-revistas / E-libros UCrea Bases de datos eBUC

Buscar por título:

Las más buscadas

- Scopus
- Engineering Village
- IEEE Xplore
- Dialnet
- Web of Science
- Pubmed
- JSTOR
- CSIC
- Google Académico
- Abi Collection
- Aranzadi
- Rebiun

Otras opciones para buscar bases de datos

"Mis Préstamos" Salas de grupo Acceso remoto

Horarios  
I de Caminos  
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Desde el lunes 2:  
Abrimos en Medicina-Enfermería

# Otras BBDD:

Google Scholar

La Web Imágenes Más... Iniciar sesión

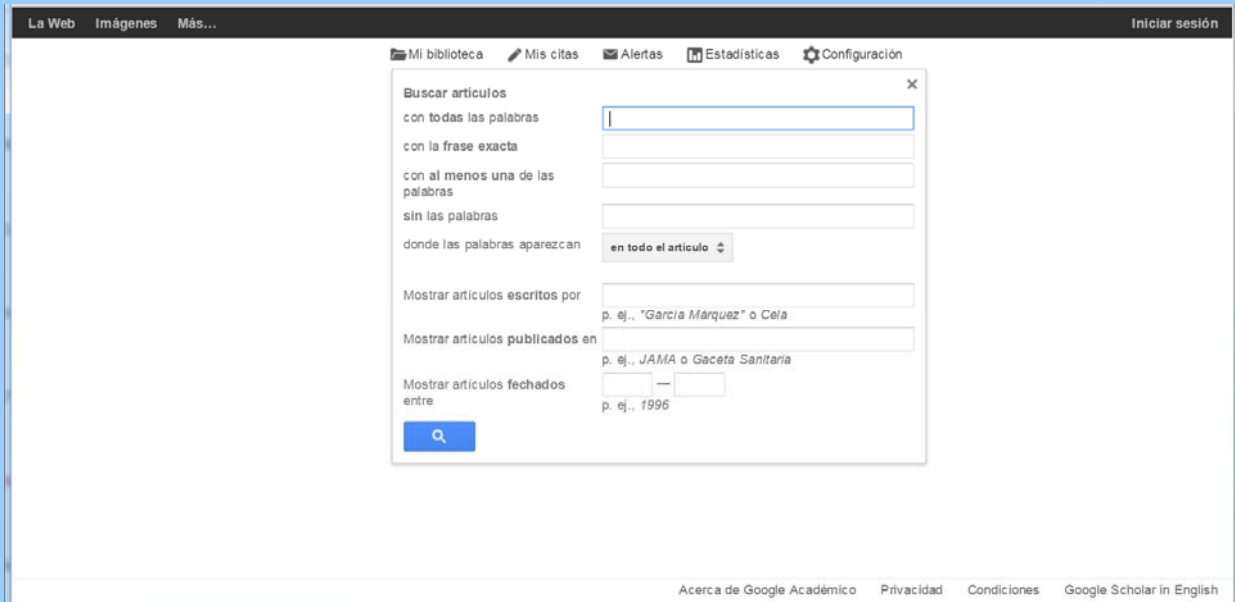
Mi biblioteca Mis citas Alertas Estadísticas Configuración

Google Académico

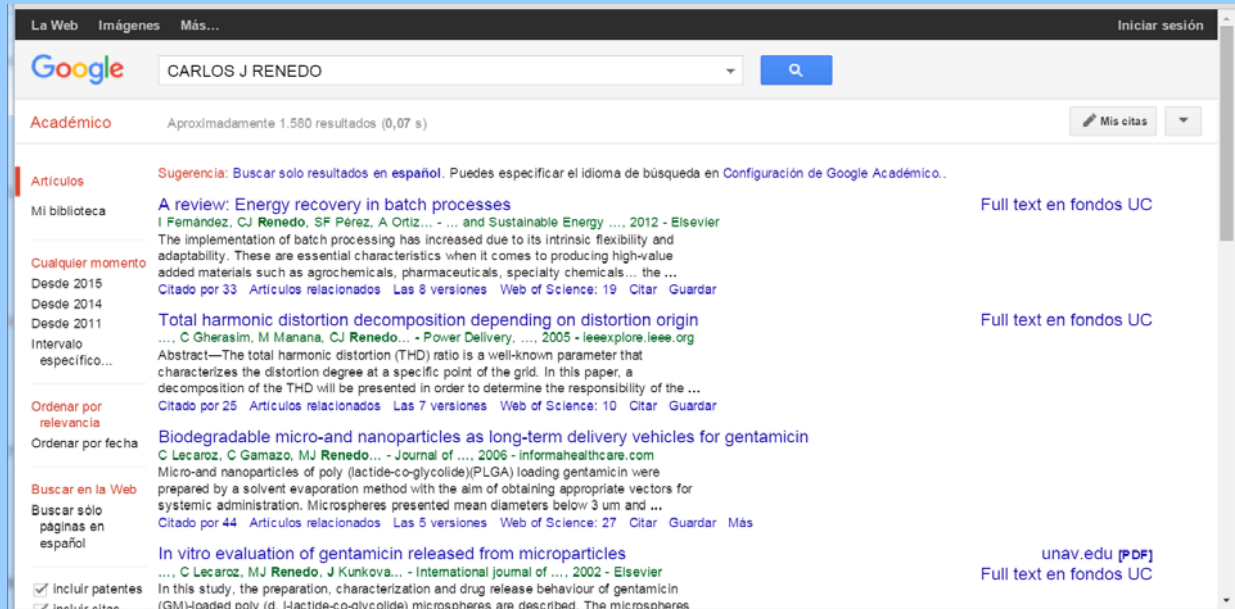
Buscar en la Web Buscar solo páginas en español

A hombros de gigantes

Acerca de Google Académico Privacidad Condiciones Google Scholar in English







La Web Imágenes Más... Iniciar sesión

Google  🔍

Académico Aproximadamente 1.580 resultados (0,07 s) Mis citas

**Artículos**

**Sugerencia:** Buscar solo resultados en español. Puedes especificar el idioma de búsqueda en Configuración de Google Académico..

**MI biblioteca**

**A review: Energy recovery in batch processes** Full text en fondos UC  
 I Fernández, CJ **Renedo**, SF Pérez, A Ortiz... - ... and Sustainable Energy ... 2012 - Elsevier  
 The implementation of batch processing has increased due to its intrinsic flexibility and adaptability. These are essential characteristics when it comes to producing high-value added materials such as agrochemicals, pharmaceuticals, specialty chemicals... the ...  
 Citado por 33 Artículos relacionados Las 8 versiones Web of Science: 19 Citar Guardar

**Cualquier momento**

**Desde 2015**

**Desde 2014**

**Desde 2011**

**Intervalo específico...**

**Ordenar por relevancia**

**Ordenar por fecha**

**Buscar en la Web**

**Buscar sólo páginas en español**

Incluir patentes  Incluir citas

**Total harmonic distortion decomposition depending on distortion origin** Full text en fondos UC  
 ... C Gherasim, M Manana, CJ **Renedo**... - Power Delivery, ... 2005 - Ieeexplore.ieee.org  
 Abstract—The total harmonic distortion (THD) ratio is a well-known parameter that characterizes the distortion degree at a specific point of the grid. In this paper, a decomposition of the THD will be presented in order to determine the responsibility of the ...  
 Citado por 25 Artículos relacionados Las 7 versiones Web of Science: 10 Citar Guardar

**Biodegradable micro-and nanoparticles as long-term delivery vehicles for gentamicin**  
 C Lecaroz, C Gamazo, MJ **Renedo**... - Journal of ..., 2006 - Informahealthcare.com  
 Micro-and nanoparticles of poly (lactide-co-glycolide)(PLGA) loading gentamicin were prepared by a solvent evaporation method with the aim of obtaining appropriate vectors for systemic administration. Microspheres presented mean diameters below 3 um and ...  
 Citado por 44 Artículos relacionados Las 5 versiones Web of Science: 27 Citar Guardar Más

**In vitro evaluation of gentamicin released from microparticles** unav.edu [PDF] Full text en fondos UC  
 ... C Lecaroz, MJ **Renedo**, J Kunkova... - International journal of ..., 2002 - Elsevier  
 In this study, the preparation, characterization and drug release behaviour of gentamicin (GM)-loaded poly (d, l-lactide-co-glycolide) microspheres are described. The microspheres

## Todas las BBDD

- Funcionan de forma similar
- Tienen similares criterios de búsqueda
- Tienen acceso a las Citas y Referencias
- Las de las Instituciones o Editoriales concertadas con la UC suelen tener acceso a los documentos

Practicar en las búsquedas ...

<http://www.clasificacioncirc.es/>



The screenshot shows the homepage of the C.I.R.C. website. At the top, there is a navigation menu with links for INICIO, CLASIFICACIÓN CIRC, INVESTIGACIÓN, APP CIRC, SERVICIOS, FAQS, and CONTACTO. A search bar is located on the right side of the header. The main heading reads "Clasificación Integrada de Revistas Científicas". Below this, there is a search input field with the placeholder text "Introduzca revista o ISSN...". A section titled "¿Qué es CIRC?" provides a description of the classification system. To the right, there is a call to action "Descarga nuestra aplicación móvil" with images of a smartphone and a tablet displaying the app interface. A "saber más" link is visible at the bottom right of the text area.



The screenshot shows a page titled "Clasificación CIRC" detailing the criteria for different groups. It features two main categories: "EXCELENCIA A+" and "GRUPO A".

**EXCELENCIA A+**

**Excelencia A+**

El grupo de revistas de excelencia son un reducido número de revistas que aparte de cumplir los criterios del Grupo A, revistas de impacto y prestigio internacional, se caracterizan por su alto impacto en sus respectivas categorías, lo que las sitúa como revistas referentes en sus respectivas disciplinas.

**CRITERIO EXC1:** Las revistas de Excelencia en Ciencias Sociales están convalidadas por aquellas que se posicionan en el Primer cuartil de las categorías de JCR.

**CRITERIO EXC2:** Las revistas de Excelencia en Humanidades son aquellas que estando indexadas en Arts & Humanities Citation Index también se encuentran en primer cuartil de Scopus según su IPP.

**GRUPO A**

**Grupo A**

Integrado por las revistas científicas de mayor nivel. Pertenecen al mismo las revistas internacionales de mayor prestigio que han superado procesos de evaluación muy exigentes para el ingreso en diferentes bases de datos y cuyo impacto les permite mantenerse en posiciones de referencia.

**CRITERIO A1:** Revistas Indexadas en posiciones estables de Social Sciences Citation Index o Arts & Humanities Citation Index (se excluye el cuarto cuartil de JCR).

**CRITERIO A2:** Revistas indexadas en Scopus en el Primer Cuartil según IPP (datos obtenidos de <http://www.journalmetrics.com/>).



**GRUPO B**

**Grupo B**

Compuesto por revistas científicas de calidad pero que no alcanzan un alto nivel de internacionalización aunque son revistas que reciben cierto grado de citación y que respetan los estándares de publicación. Asimismo forman parte de este grupo aquellas revistas científicas internacionales con un menor pero aceptable grado de prestigio y difusión internacional.

**CRITERIO B1:** Revistas indexadas en JCR en el cuarto cuartil por lo que su impacto es reducido y su presencia en el producto puede estar comprometida en futuras ediciones.

**CRITERIO B2:** Revistas indexadas en SCOPUS en el segundo, tercer y cuarto cuartil de su categoría (se excluyen revistas con IPP=0, datos obtenidos de <http://www.journalmetrics.com/>).

**CRITERIO B3:** Revistas españolas con el sello FECYT.

**CRITERIO B4:** Revistas de Humanidades indexadas en ERIH.



**GRUPO C**

**Grupo C**

En este grupo se incluye a revistas científicas de segundo orden que, aun cumpliendo con estándares formales básicos, tienen un reducido impacto y visibilidad en la comunidad.


**CRITERIO C1:** Revistas indexadas en Scopus con IPP=0 (datos obtenidos de <http://www.journalmetrics.com/>).

**CRITERIO C2:** Revistas de Ciencias Sociales indexadas en ERIH.

**CRITERIO C3:** Revistas incluidas en el catálogo Latindex.

Citation Index o Arts & Humanities Citation Index (se excluye el cuarto cuartil de JCR).

**CRITERIO A2:** Revistas indexadas en Scopus en el Primer Cuartil según IPP (datos obtenidos de <http://www.journalmetrics.com/>).



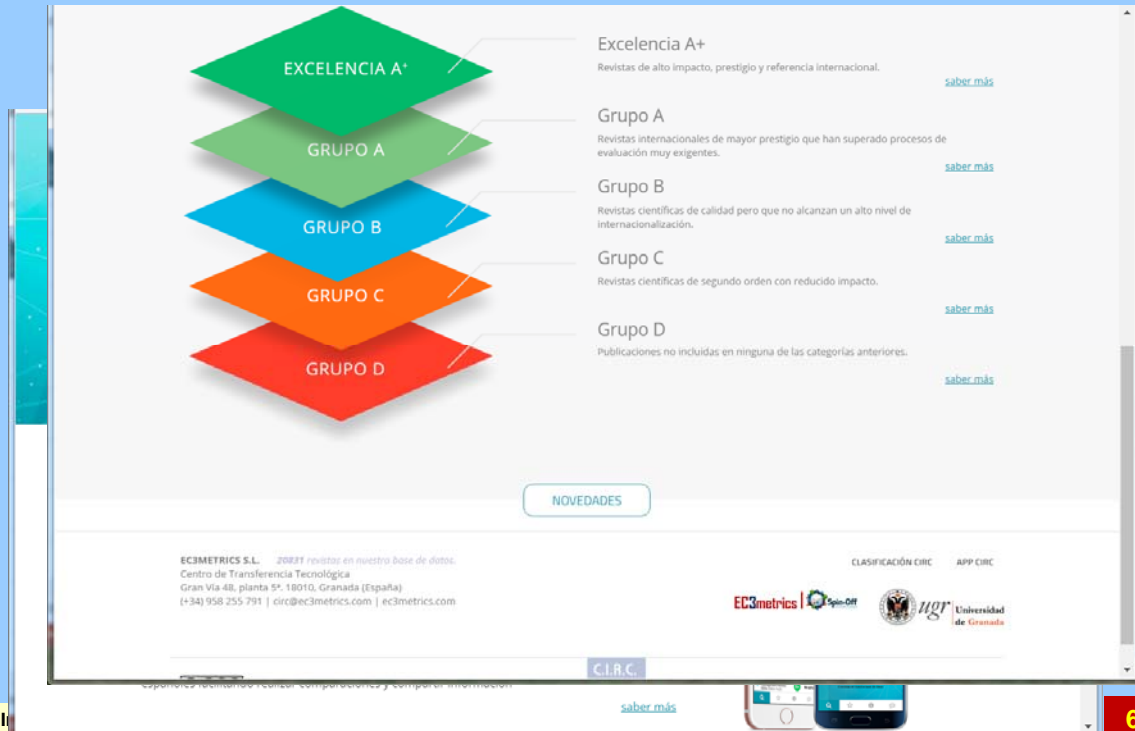
**GRUPO D**

Grupo conformado por todas aquellas publicaciones no incluidas en ninguna de las categorías anteriores y, por tanto, con un dudoso status científico, por lo tanto cualquier revista no indexadas en este producto podría considerarse como grupo D.

**Definición de productos**

- **Social Science Citation Index (SSCI).**  
Producto de revistas de Ciencias Sociales, perteneciente a la base de datos Web of Science (Thomson Reuters) . Incluye el conjunto de revistas líderes en el área a nivel internacional.
- **Arts & Humanities Citation Index (A&HCI).**  
Producto de revistas de Artes y Humanidades, perteneciente a la base de datos Web of Science (Thomson Reuters). Incluye el conjunto de revistas líderes en el área a nivel internacional.
- **Journal Citation Report (JCR).**  
Producto de evaluación de revistas de Thomson Reuters que ofrece diferentes indicadores bibliométricos, entre ellos el conocido Factor de Impacto. Se emplea la edición de Social Sciences.
- **Scopus - JournalMetrics.**  
Scopus es una base de datos bibliográfica e índices de revistas científicas producido por Elsevier, similar a Web of Science pero con mayor cobertura de revista. Se han empleado las revistas e indicadores presentes en el portal JournalMetrics.
- **Sello FECYT.**  
Distinción que otorga la Fundación Española para la Ciencia y la Tecnología a revistas que superan un proceso de evaluación formal y de impacto basado en 57 criterios de calidad.
- **European Reference Index for the Humanities (ERIH-PLUS).**  
Directorio europeo de revistas científicas de las áreas de Humanidades y Ciencias Sociales gestionado por la NSD - Norwegian Centre for Research Data.
- **Catálogo Latindex.**  
Directorio regional de revistas (latino-américa, Caribe, España y Portugal) compuesto por revistas que cumplen una serie de criterios de calidad formales y de calidad (33 para revistas impresas y 36 para revistas electrónicas).
- **Directorio Latindex.**  
Directorio regional de revistas (latino-américa, Caribe, España y Portugal) compuesto por revistas científicas. No evalúa la calidad de las revistas ni establece criterios para su inclusión.

obtenidos de <http://www.journalmetrics.com/>.



**EXCELENCIA A+**  
Revistas de alto impacto, prestigio y referencia internacional. [saber más](#)

**GRUPO A**  
Revistas internacionales de mayor prestigio que han superado procesos de evaluación muy exigentes. [saber más](#)

**GRUPO B**  
Revistas científicas de calidad pero que no alcanzan un alto nivel de internacionalización. [saber más](#)

**GRUPO C**  
Revistas científicas de segundo orden con reducido impacto. [saber más](#)

**GRUPO D**  
Publicaciones no incluidas en ninguna de las categorías anteriores. [saber más](#)

NOVEDADES

EC3METRICS S.L. 20027 revistas en nuestra base de datos.  
Centro de Transferencia Tecnológica  
Gran Vía 4B, planta 5ª, 18010, Granada (España)  
(+34) 958 255 791 | circ@ec3metrics.com | ec3metrics.com

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INICIO CLASIFICACIÓN CIRC INVESTIGACIÓN APP CIRC SERVICIOS FAQS CONTACTO

Introduzca revista o ISSN...

**Resultados de la Búsqueda**

2 resultados "Ingeniería Química"

Para una visión más detallada de las revistas, por favor, [identifíquese en la plataforma.](#)

Revista	ISSN	Clasificación Ciencias Sociales	Clasificación Ciencias Humanas
Ingeniería Química	0797-4930	D	D
Ingeniería Química	0210-2161	D	D

< 1 >



**C.I.R.C. E3Metrics** INICIO CLASIFICACIÓN CIRC INVESTIGACIÓN APP CIRC SERVICIOS FAQS CONTACTO

Introduzca revista o ISSN...

### Resultados de la Búsqueda

1 resultados "Interciencia"

Para una visión más detallada de las revistas, por favor, [identifíquese en la plataforma.](#)

Revista	ISSN	Clasificación Ciencias Sociales	Clasificación Ciencias Humanas
INTERCIENCIA	0378-1844	C	C

Master en a **69**

EC3METRICS S.L. 20831 revistas en nuestra base de datos. Centro de Transferencia Tecnológica

**C.I.R.C. E3Metrics** INICIO CLASIFICACIÓN CIRC INVESTIGACIÓN APP CIRC SERVICIOS FAQS CONTACTO

**Energy**

### Resultados de la Búsqueda

77 resultados "energy"

Para una visión más detallada de las revistas, por favor, [identifíquese en la plataforma.](#)

Revista	ISSN	Clasificación Ciencias Sociales	Clasificación Ciencias Humanas
Distributed Generation & Alternative Energy Journal	2179-4308	C	C
Economics and Policy of Energy and the Environment		B	No Aplica
Economics of Energy & Environmental Policy	2160-5882	A	No Aplica
Energy & Environment	0958-305X	B	No Aplica
Energy & Fuels	0887-3267	B	No Aplica
Energy Economics	0140-9883	A+	No Aplica
Energy Education Science and Technology Part B: Social and Educational Studies	1308-7711	B	No Aplica
Energy Efficiency	1570-646X	A	No Aplica
Energy for Sustainable Development	0973-8465	A	No Aplica
Energy Policy	0301-4215	A+	No Aplica

Master en Investigación en Ingeniería Industrial

**C.I.R.C. E3Metrics** INICIO CLASIFICACIÓN CIRC INVESTIGACIÓN APP CIRC SERVICIOS FAQS CONTACTO

Introduzca revista o ISSN...

### Resultados de la Búsqueda

77 resultados "energy"

Para una visión más detallada de las revistas, por favor, [identifíquese en la plataforma.](#)

Revista	ISSN	Clasificación Ciencias Sociales	Clasificación Ciencias Humanas
Energy, Sustainability and Society	2192-0567	B	No Aplica
European Energy and Environmental Law Review	1879-3886	B	No Aplica
International Journal of Energy Sector Management	1750-6220	B	No Aplica
International Journal of Energy Technology and Policy	1472-8923	B	No Aplica
International Journal of Energy, Environment and Economics	1054-853X	B	No Aplica
Journal of World Energy Law and Business	1754-9957	B	No Aplica
Resource and Energy Economics	0928-7055	A	No Aplica
Strategic Planning for Energy and the Environment	1049-0280	B	No Aplica
The Energy Journal	0195-6574	A+	No Aplica

Iniciación a la Actividad Investigadora **70**





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AND, OR, NOT, (\*), "frase"

Búsqueda avanzada | ¿Qué es Único?

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- El tercer año de UCrea, en cifras
- Bates' Visual Guide to Physical Examination. Producto en prueba.
- International OPEN ACCESS Week, 19-25 octubre
- Guías de estudio MOS 2013 para la certificación Microsoft Office Specialist
- Obras en Medicina y Enfermería

**Semana Internacional del ACCESO ABIERTO**

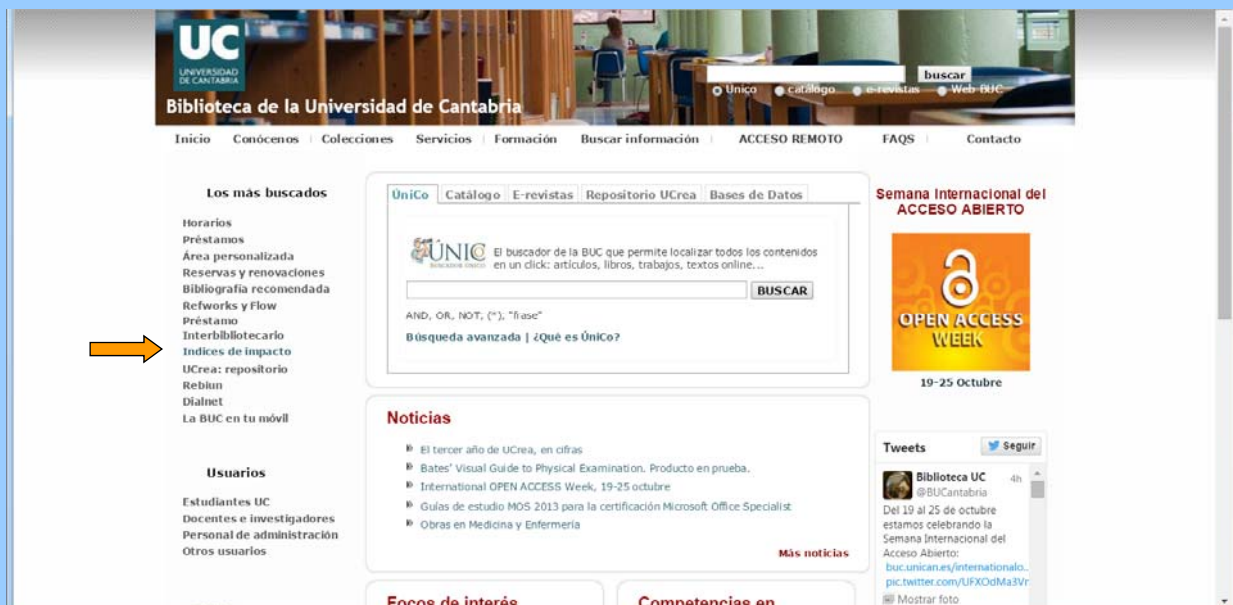
**OPEN ACCESS WEEK**

19-25 Octubre

**Tweets**

Biblioteca UC @BUCantabria 4h  
Del 19 al 25 de octubre estamos celebrando la Semana Internacional del Acceso Abierto: [buc.unican.es/internacional...](http://buc.unican.es/internacional...) [pic.twitter.com/UFXOdm3Vr](https://twitter.com/UFXOdm3Vr)

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**Factor de impacto e índices de evaluación de revistas, etc.**

Recogemos a continuación diversas fuentes para la obtención de indicadores de impacto y otros datos de la calidad de las revistas científicas, en forma de índices jerarquizados, clasificaciones, etc. También se incluyen rankings de editoriales, libros, etc. En todas las divisiones de la BUC encontrará expertos en la realización de informes de evaluación de su investigación que pueden ayudarle si lo necesita. Contacte con la Biblioteca en su centro.

Revise también nuestra página sobre Acreditación y evaluación de la actividad investigadora.

**JOURNAL CITATION REPORTS:** Bases de datos en línea, producida por Thomson Reuters, de análisis métrico de revistas especializadas en todas las disciplinas de Ciencia, Tecnología, Medicina y Ciencias sociales. Permite conocer el factor de impacto de cada revista, la frecuencia con que es citada por otras, durante cuánto tiempo se mantiene citada.

- JCR Science edition
- JCR Social Science edition
- Herramienta FECYT de consulta del factor de impacto y otras métricas
- Descarga de listados de factor de impacto desde 1979 a 2006 en pdf

**AERES:** L'Agence d'évaluation de la recherche et de l'enseignement supérieur.

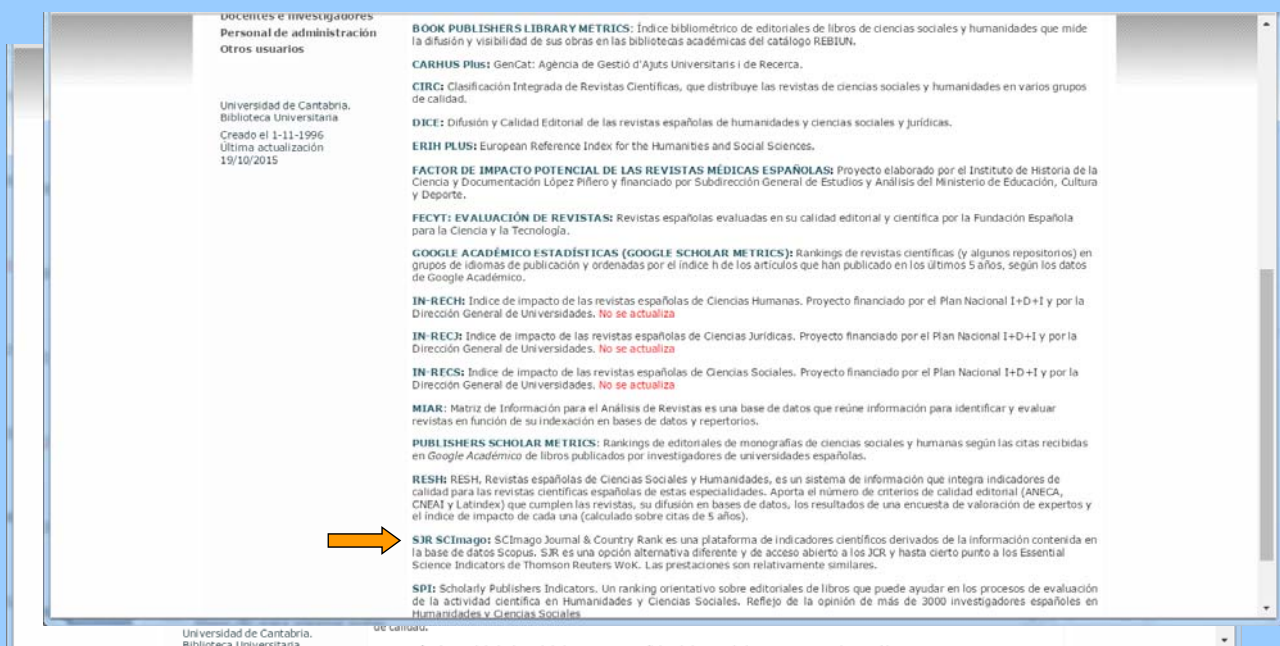
**BIPUBLISHERS:** Indicadores bibliométricos sobre editoriales de libros, basados en el Book Citation Index de Thomson Reuters.

**BOOK PUBLISHERS LIBRARY METRICS:** Índice bibliométrico de editoriales de libros de ciencias sociales y humanidades que mide la difusión y visibilidad de sus obras en las bibliotecas académicas del catálogo REBIUN.

**CARHUS Plus:** GenCat: Agencia de Gestió d'Ajuts Universitaris i de Recerca.

**CIRC:** Clasificación Integrada de Revistas Científicas, que distribuye las revistas de ciencias sociales y humanidades en varios grupos de calidad.

DICE: Difusión y Calidad Editorial de las revistas españolas de humanidades y ciencias sociales y jurídicas.

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**DICE:** Difusión y Calidad Editorial de las revistas españolas de humanidades y ciencias sociales y jurídicas.

**ERIH PLUS:** European Reference Index for the Humanities and Social Sciences.

**FACTOR DE IMPACTO POTENCIAL DE LAS REVISTAS MÉDICAS ESPAÑOLAS:** Proyecto elaborado por el Instituto de Historia de la Ciencia y Documentación López Piñero y financiado por Subdirección General de Estudios y Análisis del Ministerio de Educación, Cultura y Deporte.

**FECYT: EVALUACIÓN DE REVISTAS:** Revistas españolas evaluadas en su calidad editorial y científica por la Fundación Española para la Ciencia y la Tecnología.

**GOOGLE ACADÉMICO ESTADÍSTICAS (GOOGLE SCHOLAR METRICS):** Rankings de revistas científicas (y algunos repositorios) en grupos de idiomas de publicación y ordenadas por el índice h de los artículos que han publicado en los últimos 5 años, según los datos de Google Académico.

**IN-RECH:** Índice de impacto de las revistas españolas de Ciencias Humanas. Proyecto financiado por el Plan Nacional I+D+I y por la Dirección General de Universidades. *No se actualiza*

**IN-RECH:** Índice de impacto de las revistas españolas de Ciencias Jurídicas. Proyecto financiado por el Plan Nacional I+D+I y por la Dirección General de Universidades. *No se actualiza*

**IN-RECS:** Índice de impacto de las revistas españolas de Ciencias Sociales. Proyecto financiado por el Plan Nacional I+D+I y por la Dirección General de Universidades. *No se actualiza*

**MIAR:** Matriz de Información para el Análisis de Revistas es una base de datos que reúne información para identificar y evaluar revistas en función de su indexación en bases de datos y repertorios.

**PUBLISHERS SCHOLAR METRICS:** Rankings de editoriales de monografías de ciencias sociales y humanas según las citas recibidas en Google Académico de libros publicados por investigadores de universidades españolas.

**RESH:** RESH. Revistas españolas de Ciencias Sociales y Humanidades, es un sistema de información que integra indicadores de calidad para las revistas científicas españolas de estas especialidades. Aporta el número de criterios de calidad editorial (ANECA, CNEAI y Latindex) que cumplen las revistas, su difusión en bases de datos, los resultados de una encuesta de valoración de expertos y el índice de impacto de cada una (calculado sobre citas de 5 años).

**SJR SCImago:** SCImago Journal & Country Rank es una plataforma de indicadores científicos derivados de la información contenida en la base de datos Scopus. SJR es una opción alternativa diferente y de acceso abierto a los JCR y hasta cierto punto a los Essential Science Indicators de Thomson Reuters WoK. Las prestaciones son relativamente similares.

**SPI:** Scholarly Publishers Indicators. Un ranking orientativo sobre editoriales de libros que puede ayudar en los procesos de evaluación de la actividad científica en Humanidades y Ciencias Sociales. Reflejo de la opinión de más de 3000 investigadores españoles en Humanidades y Ciencias Sociales.

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DICE: Difusión y Calidad Editorial de las revistas españolas de humanidades y ciencias sociales y jurídicas.



	Country	Documents	Citable documents	Citations	Self-Citations	Citations per Document	H index
1	United States	8.626.193	7.876.234	177.434.935	83.777.658	23,36	1.648
2	China	3.617.355	3.569.652	19.110.353	10.462.121	7,44	495
3	United Kingdom	2.397.817	2.103.145	44.011.201	10.321.539	21,03	1.015
4	Germany	2.176.860	2.045.433	35.721.869	9.141.181	18,50	887
5	Japan	2.074.872	2.008.410	27.040.067	7.619.559	13,79	745
6	France	1.555.629	1.468.286	24.700.140	5.516.943	17,95	811



**Related product**

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Country	Documents	Citable documents	Citations	Self-Citations	Citations per Document	H index
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6 France	1.555.629	1.468.286	24.700.140	5.516.943	17,95	811
7 Canada	1.227.380	1.134.588	22.152.666	4.136.384	21,40	794
8 Italy	1.200.448	1.117.013	18.019.464	4.186.908	17,52	713
9 India	998.544	944.632	6.989.150	2.409.025	9,61	383
10 Spain	952.099	884.670	12.628.097	3.068.362	16,14	591
11 Australia	890.458	809.027	13.772.961	2.947.945	19,49	644
12 South Korea	739.229	719.338	7.063.429	1.528.443	12,38	424
13 Russian Federation	701.029	689.095	4.289.618	1.273.073	6,50	390
14 Netherlands	681.804	628.678	14.278.721	2.321.446	24,56	694
15 Brazil	598.234	573.988	5.036.027	1.699.530	11,73	379
16 Switzerland	493.857	460.824	10.872.269	1.458.098	26,10	686
17 Taiwan	491.560	477.442	4.790.230	1.075.153	12,17	331
18 Sweden	460.607	433.674	9.417.604	1.448.940	23,21	614
19 Poland	431.016	418.917	3.491.958	901.545	9,57	371
20 Turkey	390.874	368.197	2.938.841	737.423	9,79	266
21 Belgium	372.093	348.017	6.691.791	948.874	21,01	547
22 Iran	287.010	278.388	1.504.541	573.856	9,83	180
23 Israel	272.352	255.036	5.079.652	694.959	20,56	496
24 Austria	268.472	250.181	4.334.382	583.299	19,24	449

**SJR** Scimago Journal & Country Rank

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Subject Area: All  
Subject Category: All  
Region: All  
Order By: All  
Display countries with at least: All

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Country	Documents	Citable documents	Citations	Self-Citations	Citations per Document	H index
1 United States	8.626.193	7.876.234	177.434.935	83.777.658	23,36	1.648
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Year: 1996-2014

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Country	Documents	Citable documents	Citations	Self-Citations	Citations per Document	H index
1 United States	173.178	169.611	1.516.383	574.291	10,32	262
2 China	170.851	170.336	785.718	514.321	4,81	156
3 Japan	58.739	58.317	476.876	152.532	8,76	163
4 Germany	41.896	41.315	368.209	97.431	10,22	163
5 United Kingdom	38.557	37.559	368.583	80.775	11,06	164
6 India	29.237	28.775	217.451	64.593	10,53	129
7 France	29.038	28.650	280.332	72.735	11,80	140
8 Canada	28.868	28.401	307.315	59.537	13,54	164
9 Russian Federation	28.709	28.328	72.942	23.514	2,73	72
10 South Korea	23.070	22.922	196.483	47.542	11,00	116
11 Italy	22.334	22.011	204.330	54.922	11,25	124
12 Spain	18.175	18.005	206.128	46.540	14,94	128
13 Australia	15.369	15.117	157.819	29.960	13,90	128
14 Brazil	13.604	13.256	86.464	22.772	7,95	88
15 Taiwan	12.549	12.487	130.493	27.664	13,65	104
16 Netherlands	12.015	11.822	136.085	21.605	13,57	127
17 Iran	11.724	11.612	62.061	21.783	8,66	69
18 Sweden	10.122	9.948	130.617	23.895	16,42	114
19 Turkey	9.522	9.420	124.460	37.163	15,26	109
20 Norway	8.865	8.735	58.188	11.517	8,21	85
21 Switzerland	8.835	8.713	111.567	19.848	15,44	117
22 Poland	7.070	7.009	43.773	12.158	7,38	63
23 Belgium	6.651	6.513	61.385	11.181	11,44	84
24 Mexico	6.641	6.565	40.114	9.306	6,78	62

**SJR** Scimago Journal & Country Rank

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Year: 2014  
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Complete list (2014).

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Title	Type	SJR	H index	Total Docs. (2014)	Total Docs. (3years)	Total Refs.	Total Cites (3years)	Citable Docs. (3years)	Cites / Doc. (2years)	Ref. / Doc.	Country
1 Ca-A Cancer Journal for Clinicians	j	37,384	108	48	131	2.888	11.037	111	75,69	60,17	US
2 Reviews of Modern Physics	j	29,826	233	37	136	9.315	4.726	130	28,19	251,76	US
3 Annual Review of	j	28,537	244	33	75	4.328	3.343	75	38,88	101,83	US



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Subject Category: All  
Region/Country: All  
Order By: All  
Year: 2014

Display journals with at least: [input]

Complete list (2014).

Title	Type	SJR	H index	Total Docs. (2014)	Total Docs. (3years)	Total Refs.	Total Cites (3years)	Citable Docs. (3years)	Cites / Doc. (2years)	Ref. / Doc.	Country
1 Ca-A Cancer Journal for Clinicians	j	37,384	108	48	131	2.888	11.037	111	75,69	60,17	ES
2 Reviews of Modern Physics	j	29,826	233	37	136	9.315	4.726	130	28,19	251,76	US

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1 Energy and Environmental Science	j	7,073	122	375	1.436	27.832	27.693	1.407	19,88	74,22	ES
2 Progress in Energy and Combustion Science	j	7,035	109	19	83	3.953	1.712	75	22,88	208,05	ES
3 Advanced Energy Materials	j	6,113	66	362	559	17.389	8.538	549	14,87	48,04	ES
4 Annual Review of Chemical and Biomolecular Engineering	j	3,606	26	27	63	2.870	594	60	8,33	106,30	US
5 IEEE Transactions on Sustainable Energy	j	3,498	33	168	271	4.062	1.825	268	5,80	24,18	ES
6 Nano Energy	j	3,284	29	249	243	9.437	2.342	232	10,09	37,90	ES
7 Progress in Photovoltaics: Research and Applications	j	3,184	83	185	414	5.371	3.038	388	7,48	29,03	ES
8 Applied Energy	j	3,149	82	1.396	2.281	53.691	15.585	2.255	6,30	38,46	ES
9 IEEE Transactions on Power Systems	j	3,012	158	593	1.085	9.413	5.674	1.064	4,61	15,87	ES
10 Renewable and Sustainable Energy Reviews	j	2,982	121	902	1.757	74.108	13.540	1.744	7,03	82,16	ES
11 ChemSusChem	j	2,598	74	430	803	23.101	6.419	785	7,46	53,72	ES
12 Energy Economics	j	2,580	76	291	699	10.596	2.439	666	3,34	36,41	ES
13 Energy	j	2,576	97	1.487	2.389	49.390	13.456	2.329	5,45	33,21	ES
14 IEEE Transactions on Energy Conversion	j	2,274	113	177	352	2.821	1.682	348	3,89	15,94	ES
15 International Journal of Sustainable Transportation	j	2,261	12	23	62	899	151	60	2,40	39,09	ES

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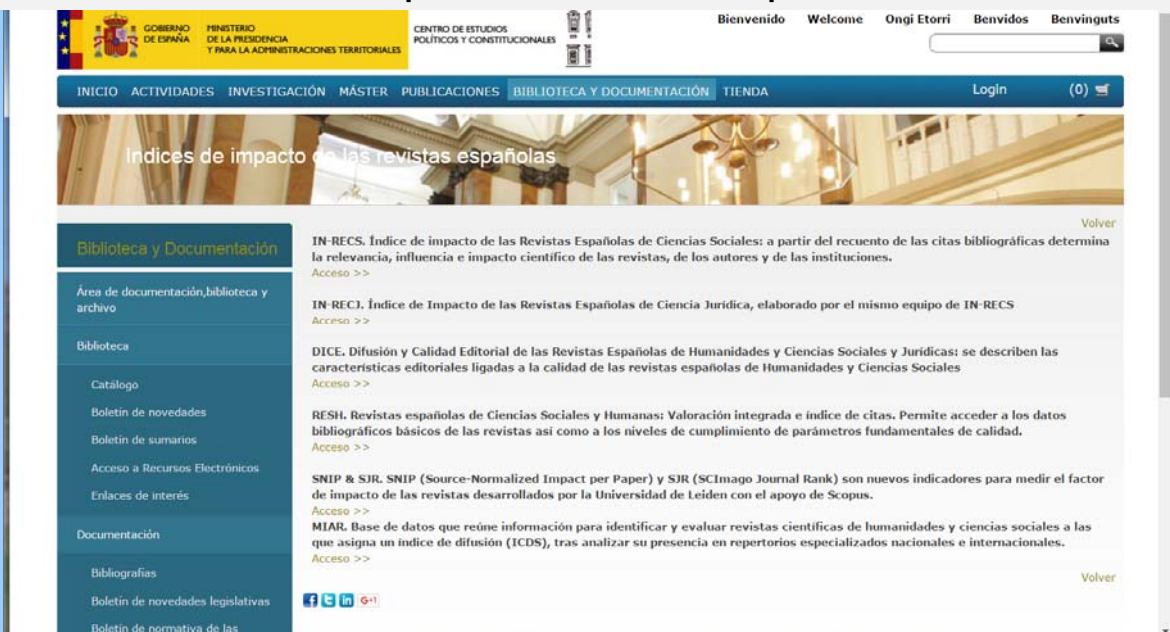
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**SPI** Scholarly Publishers Indicators  
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**Prestigio editorial. Rankings SPI**

**2014**

- [Ranking general](#) (editoriales españolas y extranjeras)
- [Ranking por disciplinas](#) (editoriales españolas y extranjeras)

**2012**

- [Ranking general](#) (editoriales españolas y extranjeras)
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<http://ilia.cchs.csic.es/SPI/rankings.html>



**SPI** Scholarly Publishers Indicators  
In Humanities and Social Sciences

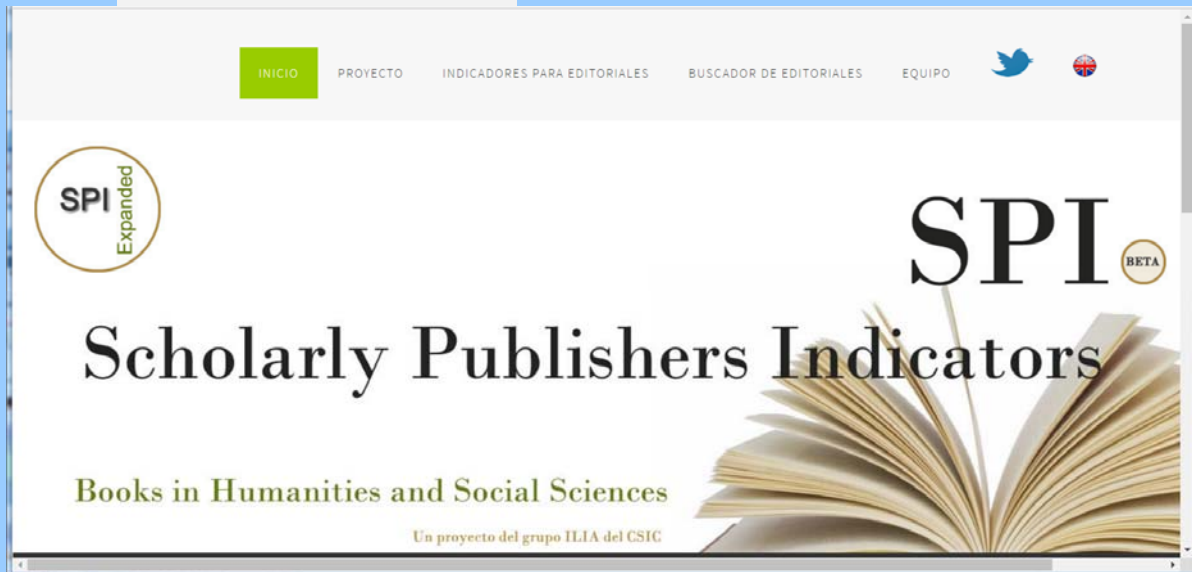
INICIO    PROYECTO    EQUIPO    EL POR QUÉ DE SPI    BUEN USO DE SPI    PUBLICACIONES RELACIONADAS

[Rankings SPI](#) > Ranking general (2014)

**Prestigio de las editoriales según expertos españoles. Editoriales mejor valoradas (2014)**

Editoriales españolas			Editoriales extranjeras		
Orden	Editorial	ICEE	Orden	Editorial	ICEE
1	Allianza (Grupo Anaya, Hachette Livre)	45.735	1	Cambridge University Press	86.804
2	Ariel (Grupo Planeta)	43.749	2	Oxford University Press	82.950
3	Cátedra (Grupo Anaya, Hachette Livre)	41.815	3	Routledge (Francis & Taylor Group)	45.948
4	Tirant Lo Blanch	39.185	4	Springer	33.061
5	Marcial Pons	37.379	5	Elsevier	28.212
6	Tecnos (Grupo Anaya, Hachette Livre)	34.996	6	Peter Lang	25.027
7	Aranzadi (Thomson Reuters)	34.803	7	Thomson Reuters	24.286

<http://ilia.cchs.csic.es/SPI/>



**SPI Scholarly Publishers Indicators**

Resultados de búsqueda para la editorial "Cambridge University Press"

**Prestigio**  
Prestigio editorial. ICEE y posición en ranking general y por disciplinas

General (504 editoriales)		Antropología (45 editoriales)		Arqueología y Prehistoria (48 editoriales)		Bellas Artes (44 editoriales)		Biblioteconomía y Documentación (37 editoriales)		Ciencias Políticas (30 editoriales)		Comunicación (48 editoriales)		Derecho (95 editoriales)		Economía (72 editoriales)	
ICEE	Posición	ICEE	Posición	ICEE	Posición	ICEE	Posición	ICEE	Posición	ICEE	Posición	ICEE	Posición	ICEE	Posición	ICEE	Posición
86.004	1 de 259	1.373	1 de 21	3.830	1 de 39	0.115	3 de 5	0.220	7 de 22	2.843	1 de 24	0.320	4 de 20	4.853	3 de 65	7.640	2 de 40

Educación (156 editoriales)		Estudios Árabes y Hebraicos (53 editoriales)		Filosofía (91 editoriales)		Geografía (81 editoriales)		Historia (231 editoriales)		Lingüística, Literatura y Filología (195 editoriales)		Psicología (46 editoriales)		Sociología (46 editoriales)	
ICEE	Posición	ICEE	Posición	ICEE	Posición	ICEE	Posición	ICEE	Posición	ICEE	Posición	ICEE	Posición	ICEE	Posición
2	2 de 65	1.032	2 de 32	5.649	1 de 57	0.949	6 de 32	19.335	1 de 97	26.111	1 de 120	4.829	1 de 48	2.320	2 de 34

ICEE: Indicador de prestigio percibido por los expertos. Más información sobre su cálculo en [http://iia.cchs.csic.es/SPI/metodologia\\_2014.html](http://iia.cchs.csic.es/SPI/metodologia_2014.html)

Posición: posición que ocupa la editorial en el ranking según su valor de ICEE. La posición de cada editorial se pone en relación con el número total de posiciones o valores que se registran en el ranking. Se aporta el número total de editoriales de cada ranking bajo cada disciplina. Algunas editoriales comparten el valor de ICEE y, por tanto, tienen la misma posición.

**Especialización editorial**

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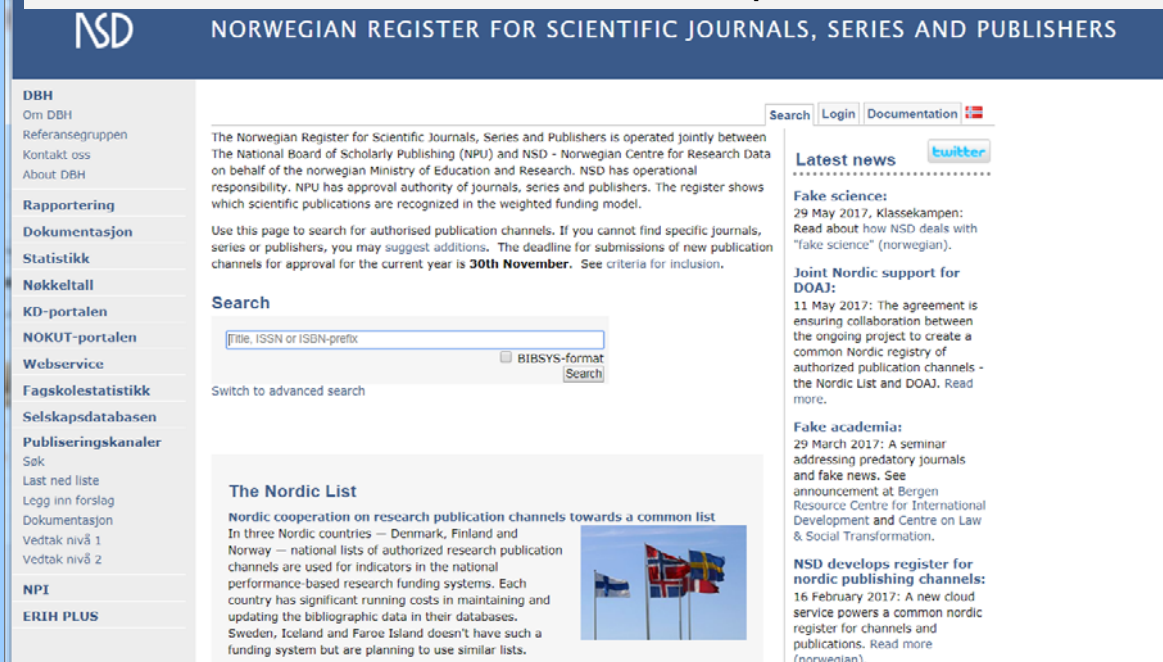
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Use this page to search for authorised publication channels. If you cannot find specific journals, series or publishers, you may suggest additions. The deadline for submissions of new publication channels for approval for the current year is **30th November**. See criteria for inclusion.

**Search**

Title, ISSN or ISBN-prefix   BIBSYS-format

Switch to advanced search

**The Nordic List**

**Nordic cooperation on research publication channels towards a common list**

In three Nordic countries — Denmark, Finland and Norway — national lists of authorized research publication channels are used for indicators in the national performance-based research funding systems. Each country has significant running costs in maintaining and updating the bibliographic data in their databases. Sweden, Iceland and Faroe Island doesn't have such a funding system but are planning to use similar lists.

**Latest news**

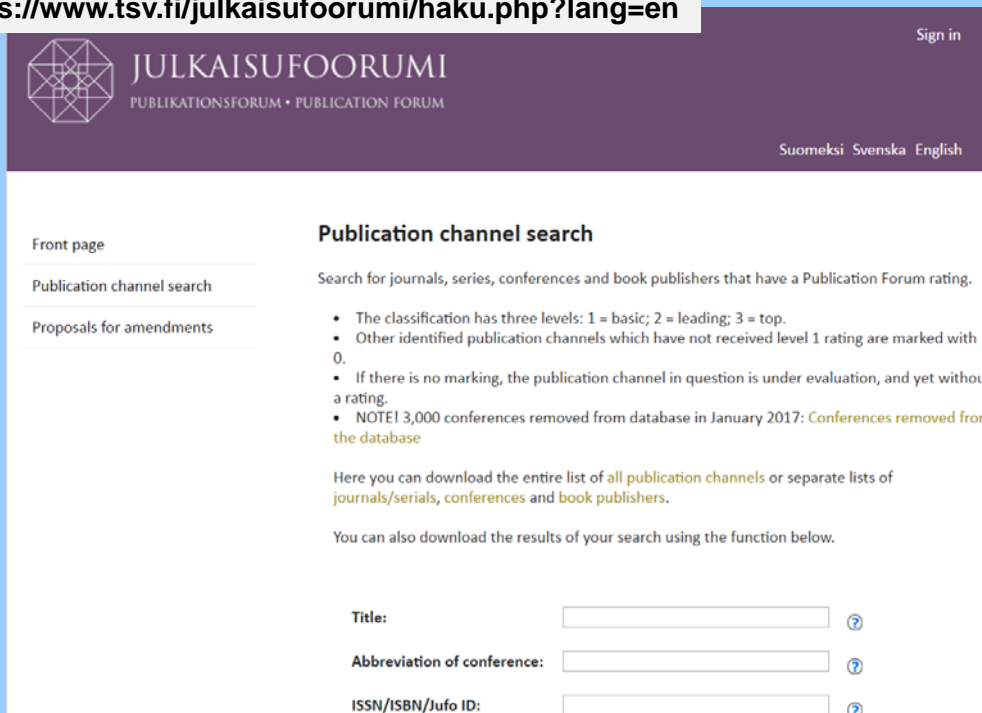
**Fake science:**  
29 May 2017, Klassekampen: Read about how NSD deals with "fake science" (norwegian).

**Joint Nordic support for DOAJ:**  
11 May 2017: The agreement is ensuring collaboration between the ongoing project to create a common Nordic registry of authorized publication channels - the Nordic List and DOAJ. Read more.

**Fake academia:**  
29 March 2017: A seminar addressing predatory journals and fake news. See announcement at Bergen Resource Centre for International Development and Centre on Law & Social Transformation.

**NSD develops register for nordic publishing channels:**  
16 February 2017: A new cloud service powers a common nordic register for channels and publications. Read more (norwegian).

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Front page

Publication channel search

Proposals for amendments

**Publication channel search**

Search for journals, series, conferences and book publishers that have a Publication Forum rating.

- The classification has three levels: 1 = basic; 2 = leading; 3 = top.
- Other identified publication channels which have not received level 1 rating are marked with 0.
- If there is no marking, the publication channel in question is under evaluation, and yet without a rating.
- NOTE! 3,000 conferences removed from database in January 2017: Conferences removed from the database

Here you can download the entire list of all publication channels or separate lists of journals/serials, conferences and book publishers.

You can also download the results of your search using the function below.

Title:  ?

Abbreviation of conference:  ?

ISSN/ISBN/Jufo ID:  ?

## Ejercicio 3:



**Conjunto para todos los  
alumnos de la asignatura :**

**Proponer cambios, modificaciones y/o actualizaciones  
a la presentación**

**Por ejemplo:**

- **Tp 53: Incluir una Tp 54 proponiendo un ejercicio de búsqueda de ...**



# Búsqueda de Información: Bases de Datos

**Departamento:** Ingeniería Eléctrica y Energética  
**Area:** Máquinas y Motores Térmicos

CARLOS J RENEDO [renedoc@unican.es](mailto:renedoc@unican.es)  
Despachos: ETSN 236 / ETSIIT S-3 28  
<http://personales.unican.es/renedoc/index.htm>  
Tlfn: ETSN 942 20 13 44 / ETSIIT 942 20 13 82

1

# Búsqueda de información: Bases de Datos

## Desde la Web de la U.C. :

- Web of Science (**Web of Knowledge, WoK**) } P1 y P2
- Scopus (**SciVerse**) } P3
- IEEE Xplore } P4
- Revistas Electrónicas } P4
- Envío de Artículos } P5
- Plagio } P5
- Dialnet } P6
- Otras BBDD } P6
- Otros Índices de Impacto } P6

- Open Acces } P7
- Normas UNE } P7
- Patentes } P7
- Proyectos Europeos } P7
- Formación de la BUC } P7

2

## Se están poniendo de moda los Open Access Journals and Books

- Acceso gratuito para los lectores
- Los libros se actualizan
- Difusión a un trabajo/autores
- ...

Pagan los autores de los artículos y capítulos

The screenshot shows the DOAJ (Directory of Open Access Journals) website. The main navigation bar includes links for Home, Search, Browse Subjects, Apply, News, About, For Publishers, API, and Login. A search bar is prominently displayed with the text "Search DOAJ" and a search icon. Below the search bar, there are checkboxes for "journals" and "articles", and a link for "[Advanced Search]". To the right of the search bar, a statistics box lists: 10,613 Journals, 6,527 searchable at Article level, 135 Countries, and 2,108,947 Articles. Below the search bar, there is a section titled "Directory of Open Access Journals (DOAJ)" with a brief description and a note about journals accepted before March 2014. Another section titled "Latest News" mentions "Open Access Week 2015 and the DOAJ Volunteer Loyalty Program". On the right side, there are several utility links: SUPPORT DOAJ, FAQs, Features, Open Access Information, Best Practice, Download metadata, New Journals Feed, Our members, Our publisher members, and Our sponsors.

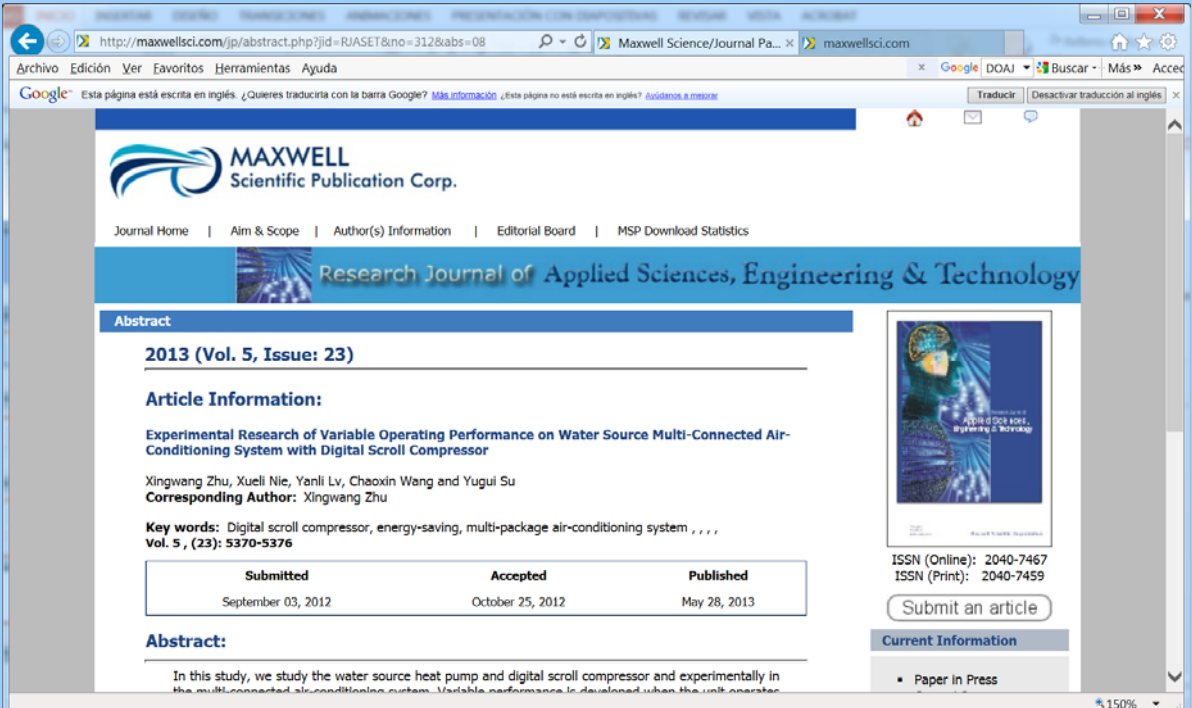
The screenshot shows the DOAJ search results page. The search term is empty. The results list two articles:

- Study progresses on continuous curvilinear capsulorhexis**  
Bo Gao, Mao-Lan Yang, Jiu-Min Yuan  
Guoji Yanke Zazhi. 2015;15(10):1737-1740 DOI 10.3980/j.issn.1672-5123.2015.10.16  
Abstract | Full Text
- Importância da vitamina B12 na avaliação clínica do paciente idoso =Importance of vitamin B12 screening in clinical evaluation of elderly patient**  
Cherubini, Karen, Futterleib, Alexandre  
Scientia Medica. 2005;15(1):74-78  
Abstract | Full Text

The screenshot shows the DOAJ search results page with the search term 'HEAT PUMP'. The results list two articles:

- Study on the Characteristics of Expander Power Output Used for Offsetting Pumping Work Consumption in Organic Rankine Cycles**  
Yu-Ting Wu, Biao Lei, Chong-Fang Ma, Lei Zhao, Jing-Fu Wang, Hang Guo, Yuan-Wei Lu  
Energies. 2014;7(8):4957-4971 DOI 10.3390/en7084957  
Abstract | Full Text
- Experimental Research of Variable Operating Performance on Water Source Multi-Connected Air-Conditioning System with Digital Scroll Compressor**  
Xingwang Zhu, Xueli Nie, Yanli Lv, Chaixin Wang, Yugui Su  
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An orange arrow points to the second article title.



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Research Journal of Applied Sciences, Engineering & Technology

**Abstract**

**2013 (Vol. 5, Issue: 23)**

**Article Information:**

**Experimental Research of Variable Operating Performance on Water Source Multi-Connected Air-Conditioning System with Digital Scroll Compressor**

Xingwang Zhu, Xuell Nie, Yanli Lv, Chaoxin Wang and Yugui Su  
**Corresponding Author:** Xingwang Zhu

**Key words:** Digital scroll compressor, energy-saving, multi-package air-conditioning system , , , ,  
**Vol. 5 , (23): 5370-5376**

Submitted	Accepted	Published
September 03, 2012	October 25, 2012	May 28, 2013

**Abstract:**

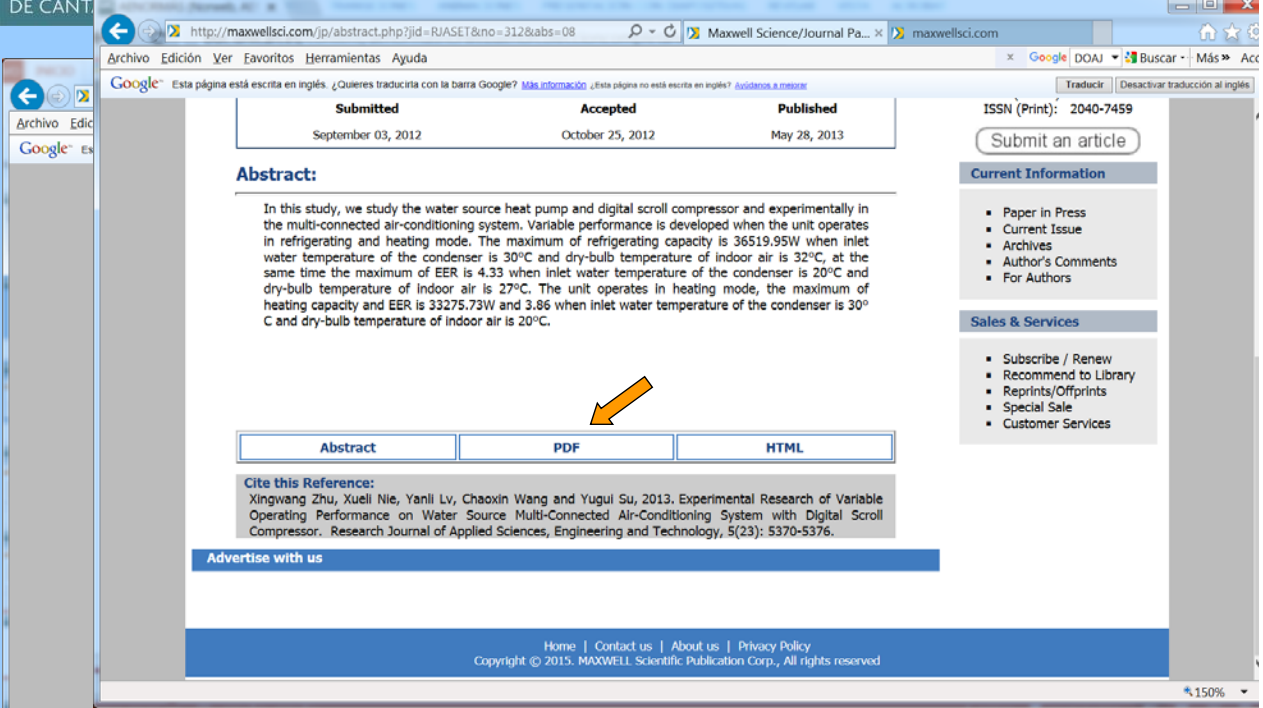
In this study, we study the water source heat pump and digital scroll compressor and experimentally in the multi-connected air-conditioning system. Variable performance is developed when the unit operates

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**Key words:** Digital scroll compressor, energy-saving, multi-package air-conditioning system , , , ,  
**Vol. 5 , (23): 5370-5376**

Submitted	Accepted	Published
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**Abstract:**

In this study, we study the water source heat pump and digital scroll compressor and experimentally in the multi-connected air-conditioning system. Variable performance is developed when the unit operates in refrigerating and heating mode. The maximum of refrigerating capacity is 36519.95W when inlet water temperature of the condenser is 30°C and dry-bulb temperature of indoor air is 32°C, at the same time the maximum of EER is 4.33 when inlet water temperature of the condenser is 20°C and dry-bulb temperature of indoor air is 27°C. The unit operates in heating mode, the maximum of heating capacity and EER is 33275.73W and 3.86 when inlet water temperature of the condenser is 30°C and dry-bulb temperature of indoor air is 20°C.

Abstract PDF HTML

**Cite this Reference:**  
 Xingwang Zhu, Xuell Nie, Yanli Lv, Chaoxin Wang and Yugui Su, 2013. Experimental Research of Variable Operating Performance on Water Source Multi-Connected Air-Conditioning System with Digital Scroll Compressor. Research Journal of Applied Sciences, Engineering and Technology, 5(23): 5370-5376.

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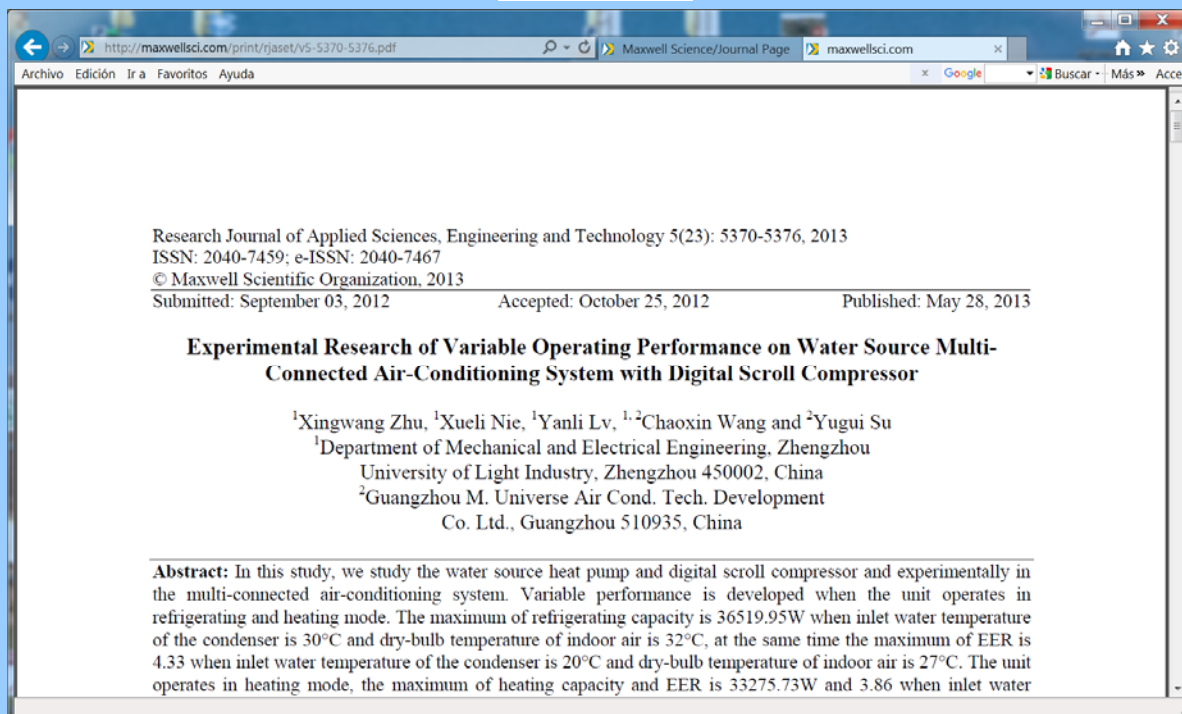
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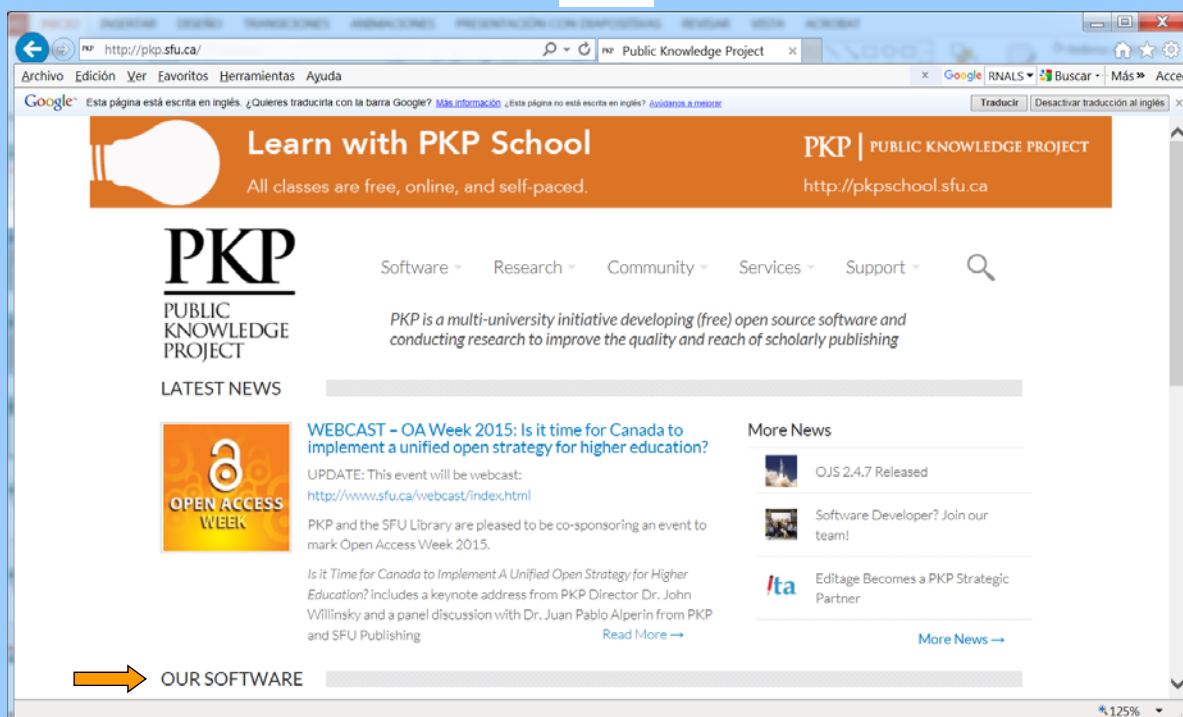


Research Journal of Applied Sciences, Engineering and Technology 5(23): 5370-5376, 2013  
 ISSN: 2040-7459; e-ISSN: 2040-7467  
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 Submitted: September 03, 2012 Accepted: October 25, 2012 Published: May 28, 2013

**Experimental Research of Variable Operating Performance on Water Source Multi-Connected Air-Conditioning System with Digital Scroll Compressor**

<sup>1</sup>Xingwang Zhu, <sup>1</sup>Xueli Nie, <sup>1</sup>Yanli Lv, <sup>1,2</sup>Chaoxin Wang and <sup>2</sup>Yugui Su  
<sup>1</sup>Department of Mechanical and Electrical Engineering, Zhengzhou University of Light Industry, Zhengzhou 450002, China  
<sup>2</sup>Guangzhou M. Universe Air Cond. Tech. Development Co. Ltd., Guangzhou 510935, China

**Abstract:** In this study, we study the water source heat pump and digital scroll compressor and experimentally in the multi-connected air-conditioning system. Variable performance is developed when the unit operates in refrigerating and heating mode. The maximum of refrigerating capacity is 36519.95W when inlet water temperature of the condenser is 30°C and dry-bulb temperature of indoor air is 32°C, at the same time the maximum of EER is 4.33 when inlet water temperature of the condenser is 20°C and dry-bulb temperature of indoor air is 27°C. The unit operates in heating mode, the maximum of heating capacity and EER is 33275.73W and 3.86 when inlet water



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 UPDATE: This event will be webcast:  
<http://www.sfu.ca/webcast/index.html>  
 PKP and the SFU Library are pleased to be co-sponsoring an event to mark Open Access Week 2015.  
 Is it Time for Canada to Implement A Unified Open Strategy for Higher Education? Includes a keynote address from PKP Director Dr. John Willinsky and a panel discussion with Dr. Juan Pablo Alperin from PKP and SFU Publishing  
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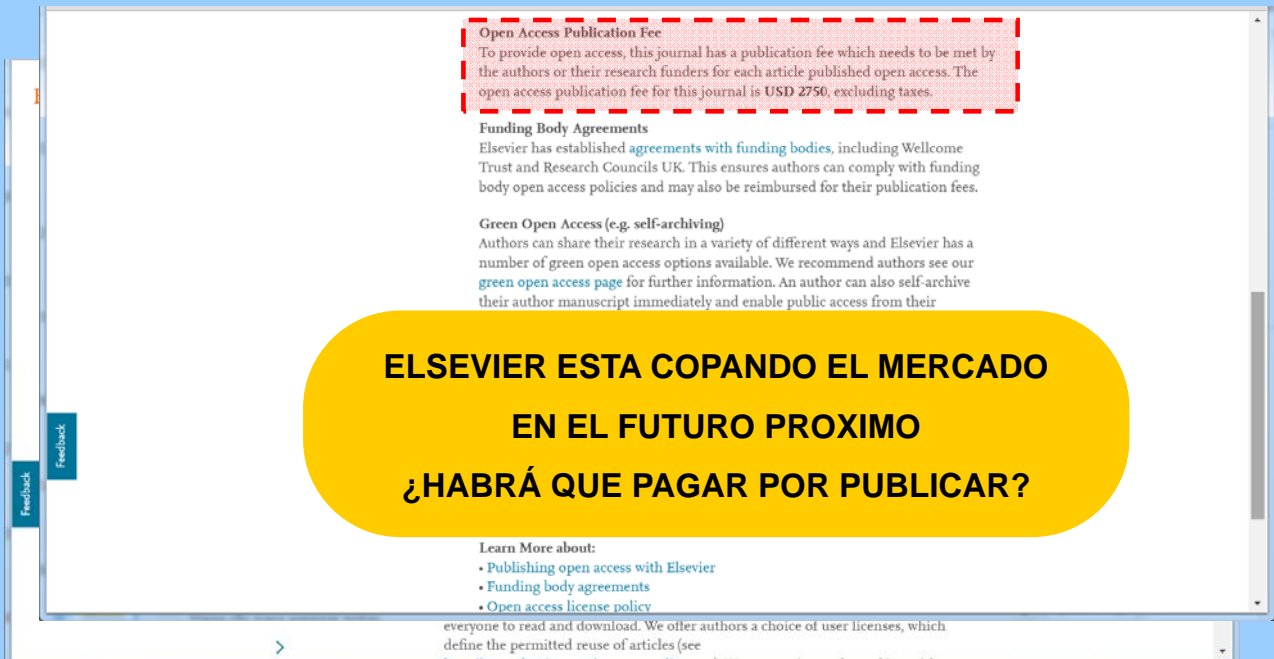
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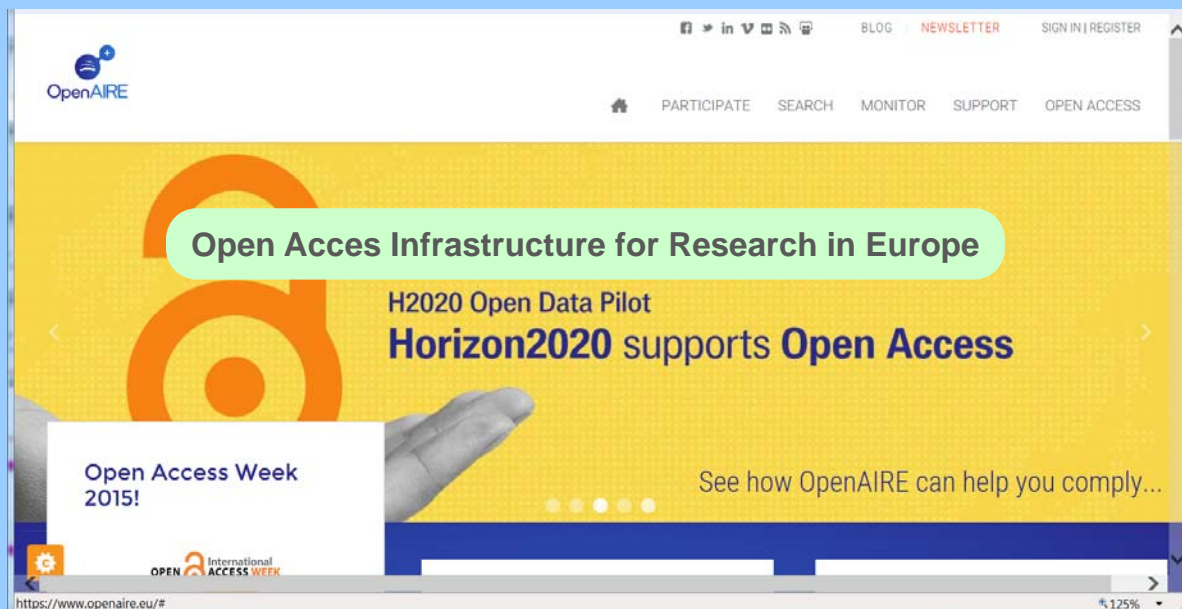
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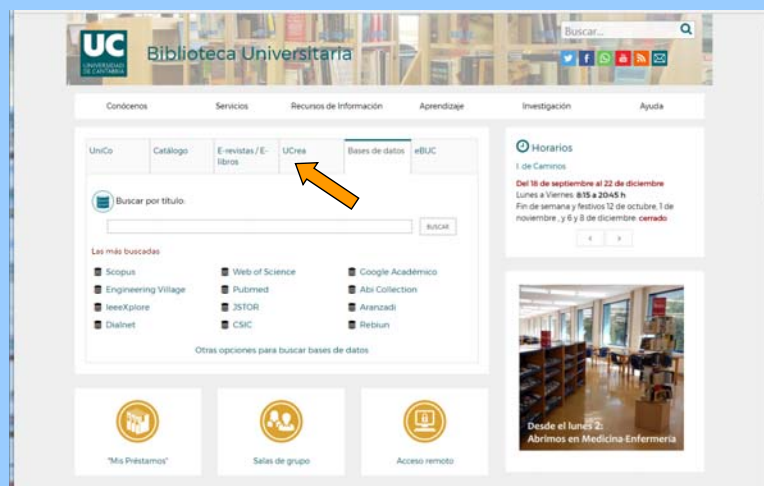
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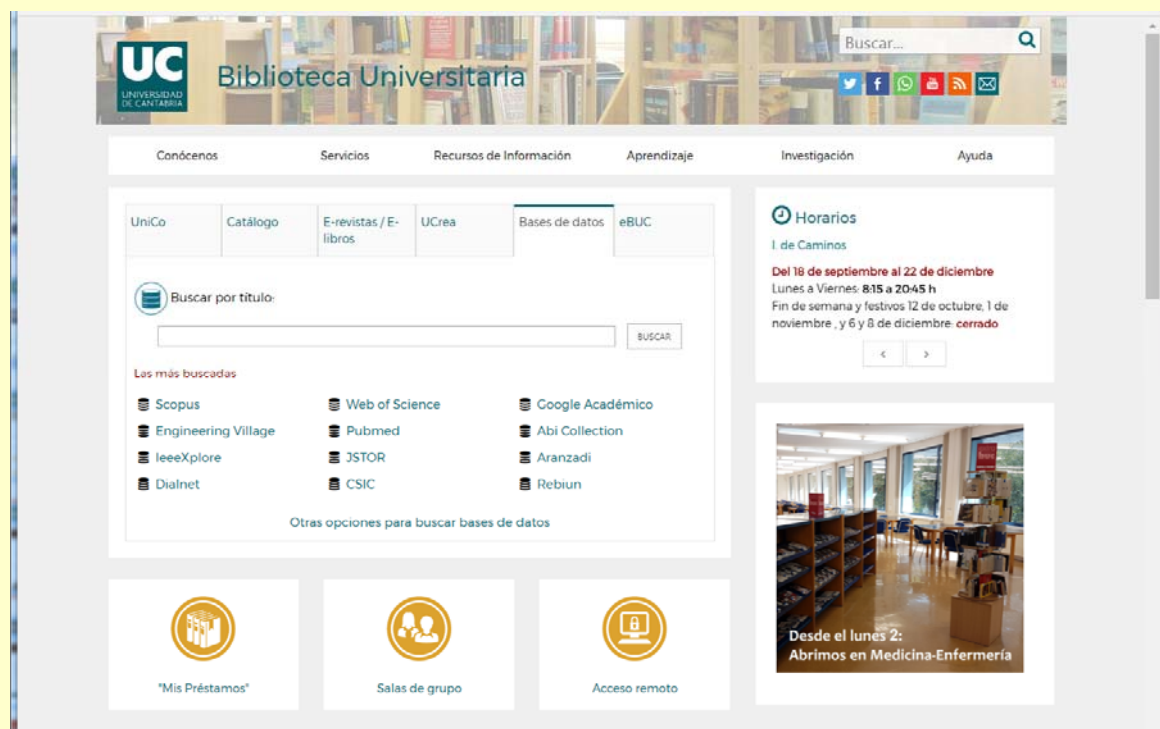
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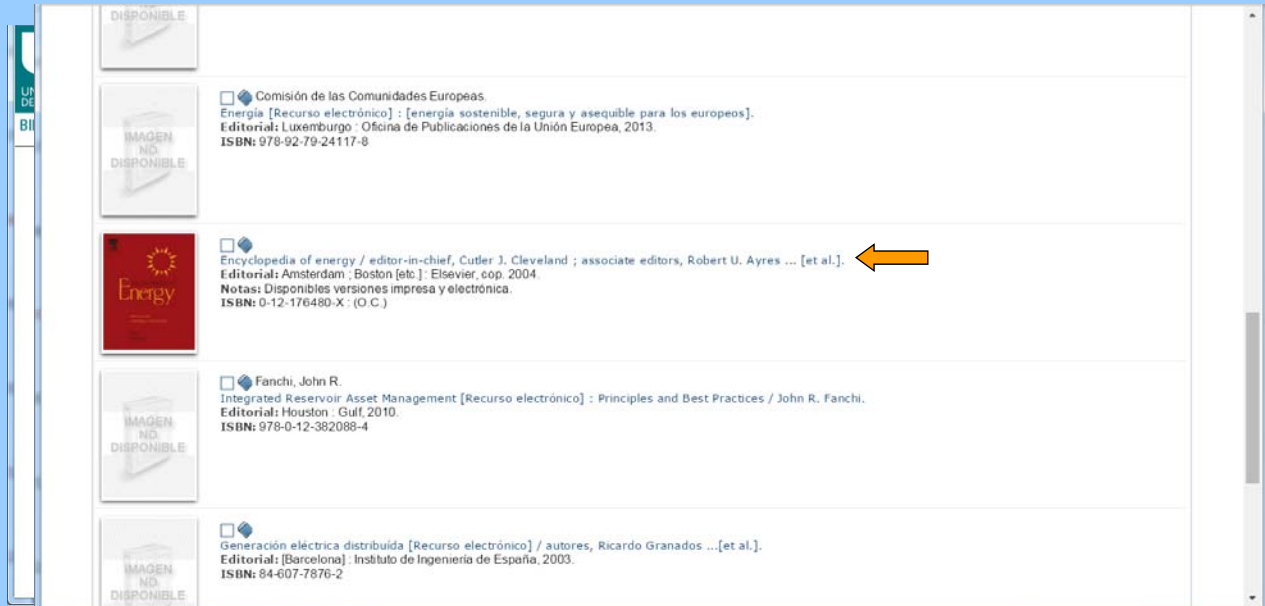
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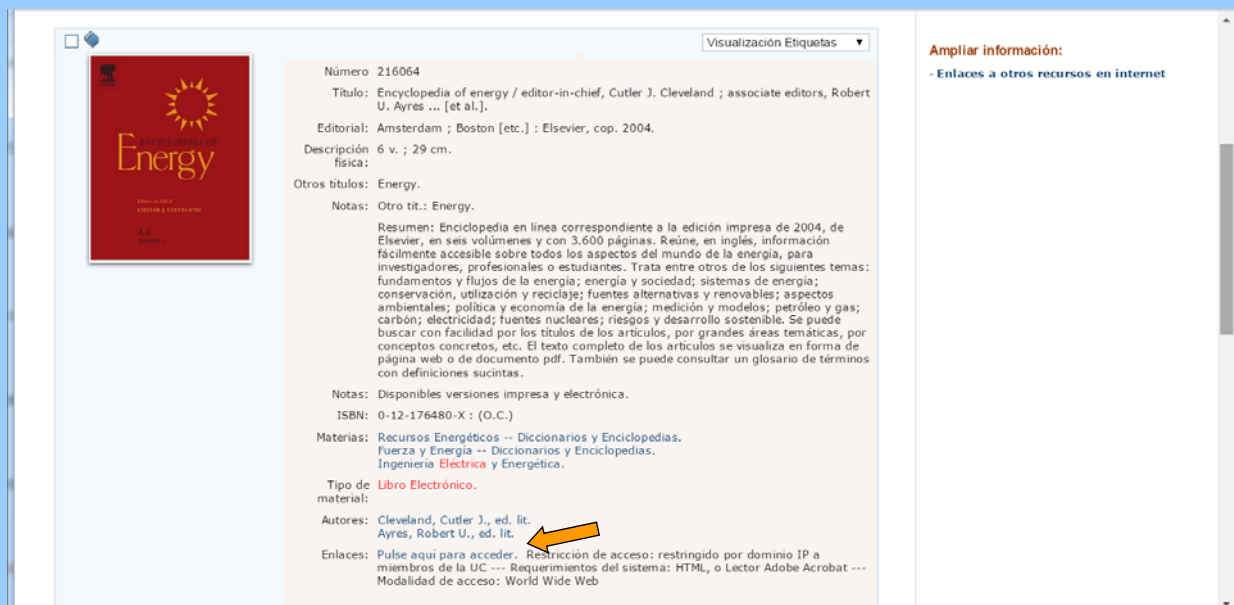
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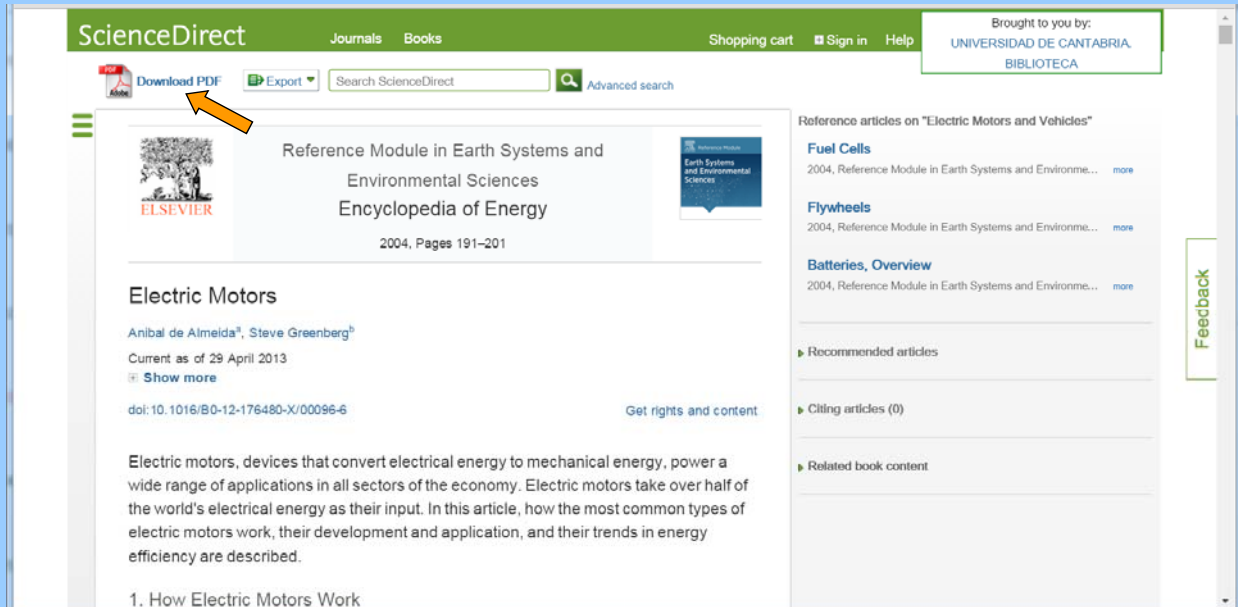
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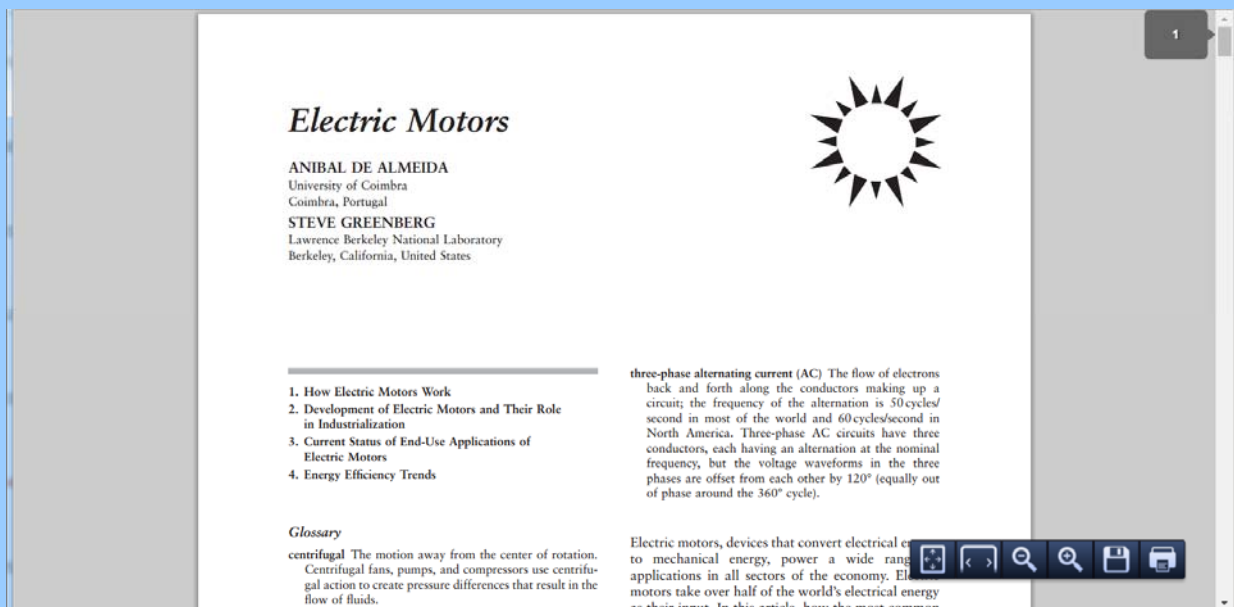
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**Glossary**  
centrifugal The motion away from the center of rotation. Centrifugal fans, pumps, and compressors use centrifugal action to create pressure differences that result in the flow of fluids.

three-phase alternating current (AC) The flow of electrons back and forth along the conductors making up a circuit; the frequency of the alternation is 50 cycles/second in most of the world and 60 cycles/second in North America. Three-phase AC circuits have three conductors, each having an alternation at the nominal frequency, but the voltage waveforms in the three phases are offset from each other by 120° (equally out of phase around the 360° cycle).

Electric motors, devices that convert electrical energy to mechanical energy, power a wide range of applications in all sectors of the economy. Electric motors take over half of the world's electrical energy as their input. In this article, how the most common

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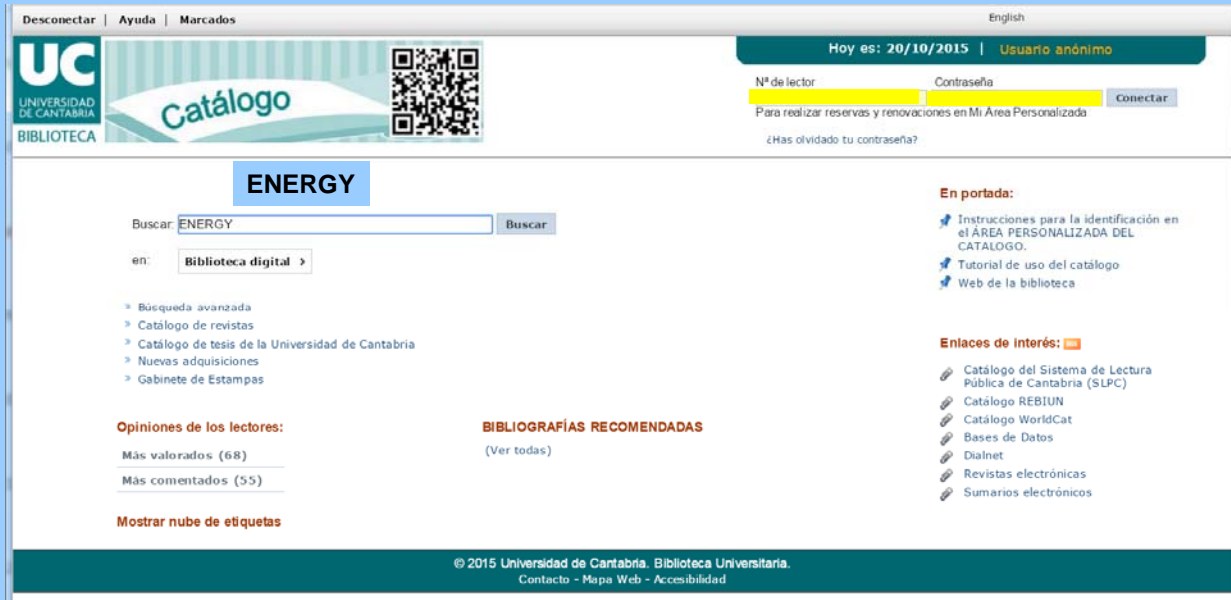
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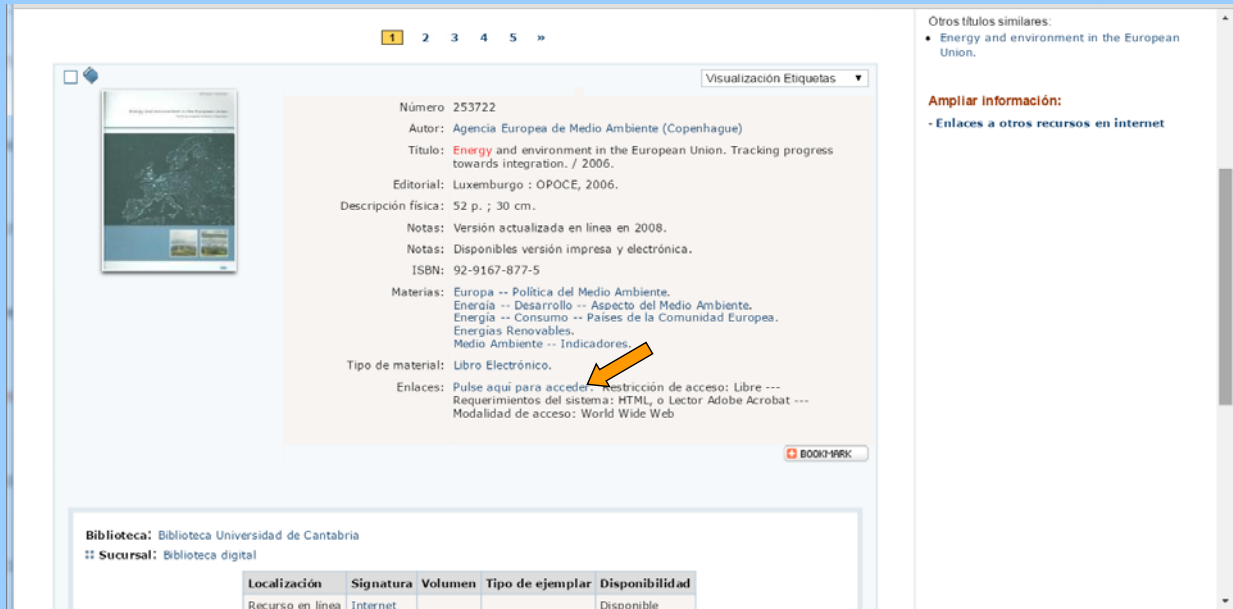
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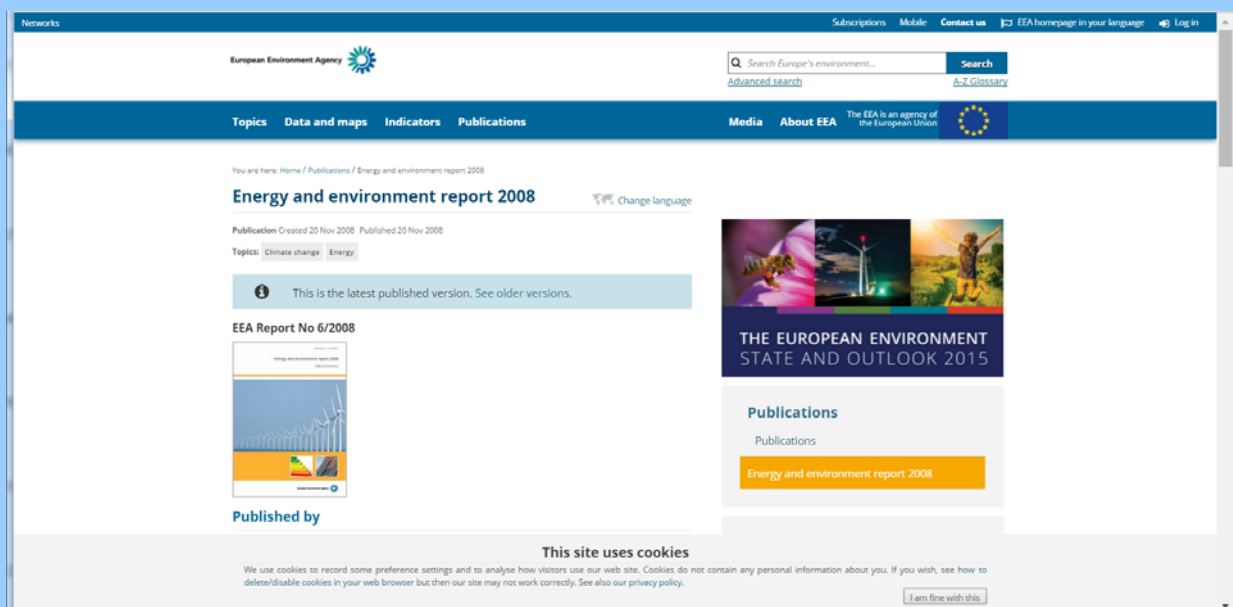
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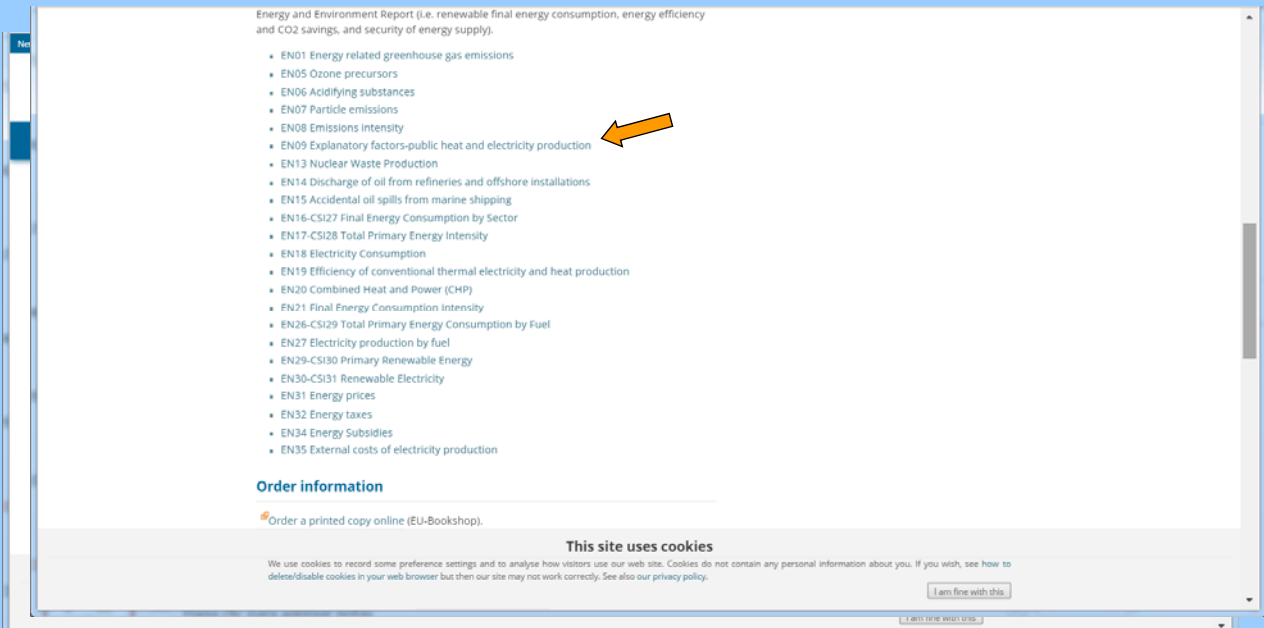
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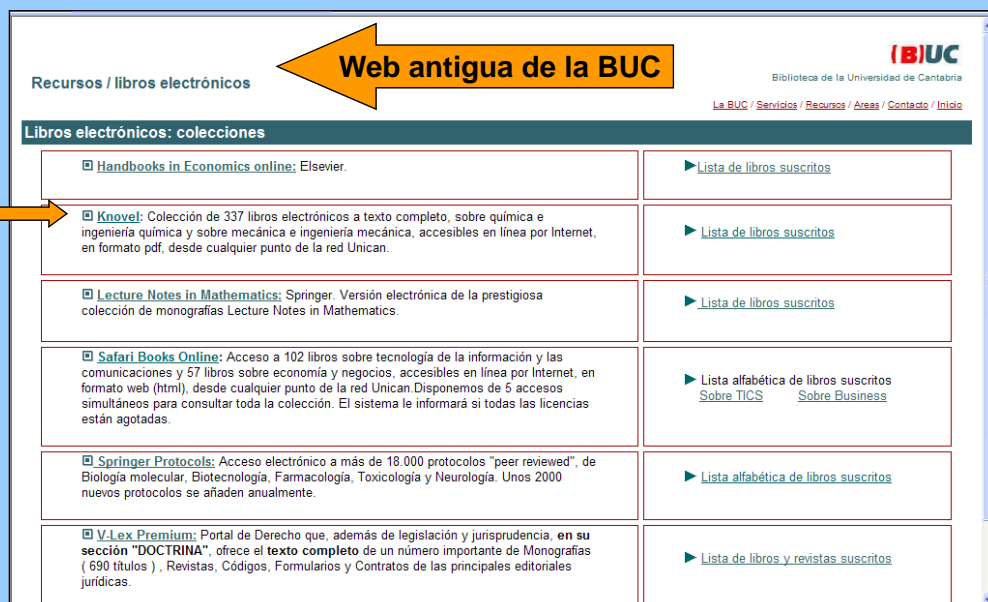
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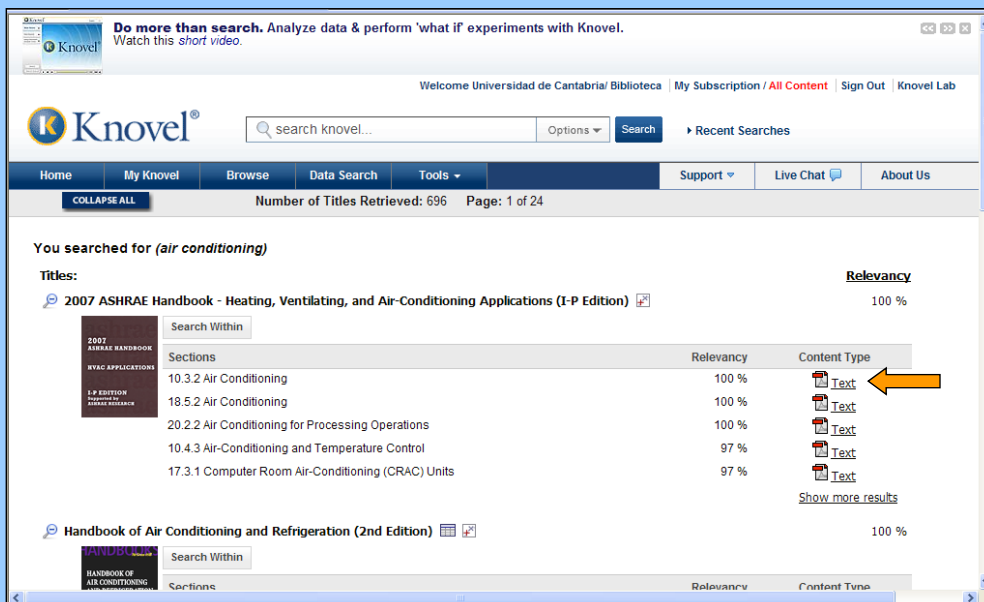
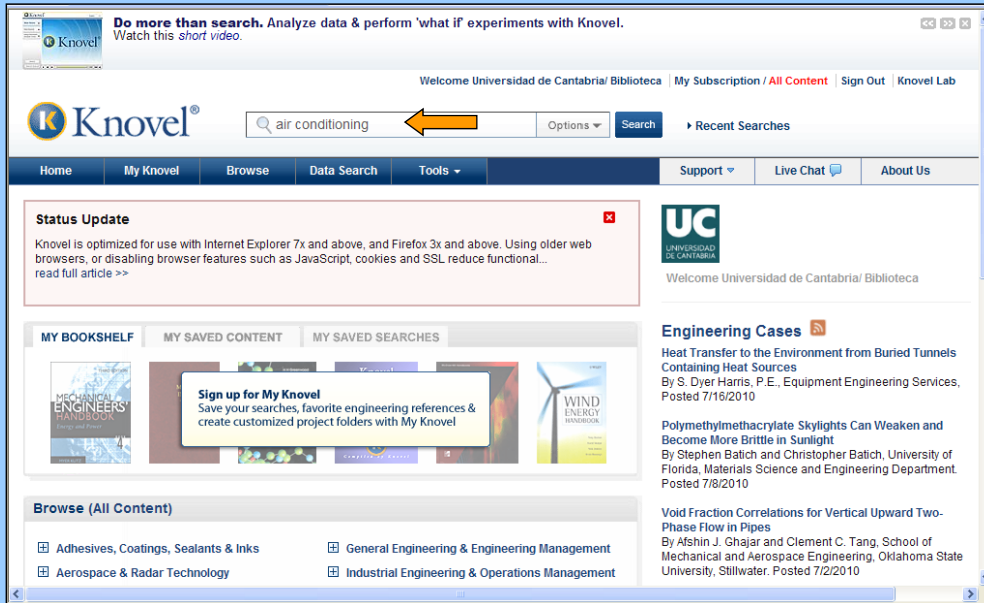
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**10.3.2 Air Conditioning**

**Aircraft**

**Fig. 6 Typical Engine Bleed Air System Schematic**  
(Hunt et al. 1995)

engine bleed air system is shown in Figure 6. During climb and cruise the bleed air is usually taken from the midstage engine bleed port for minimum bleed penalty. During idle descent it is taken from the high-stage engine bleed port where maximum available pressure

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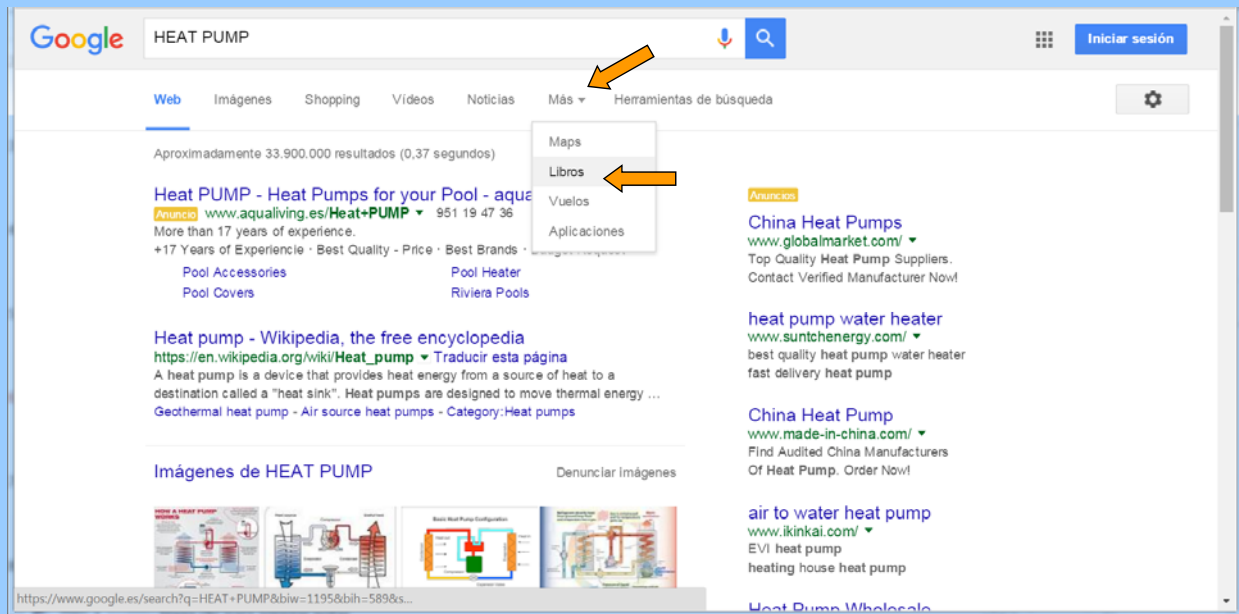
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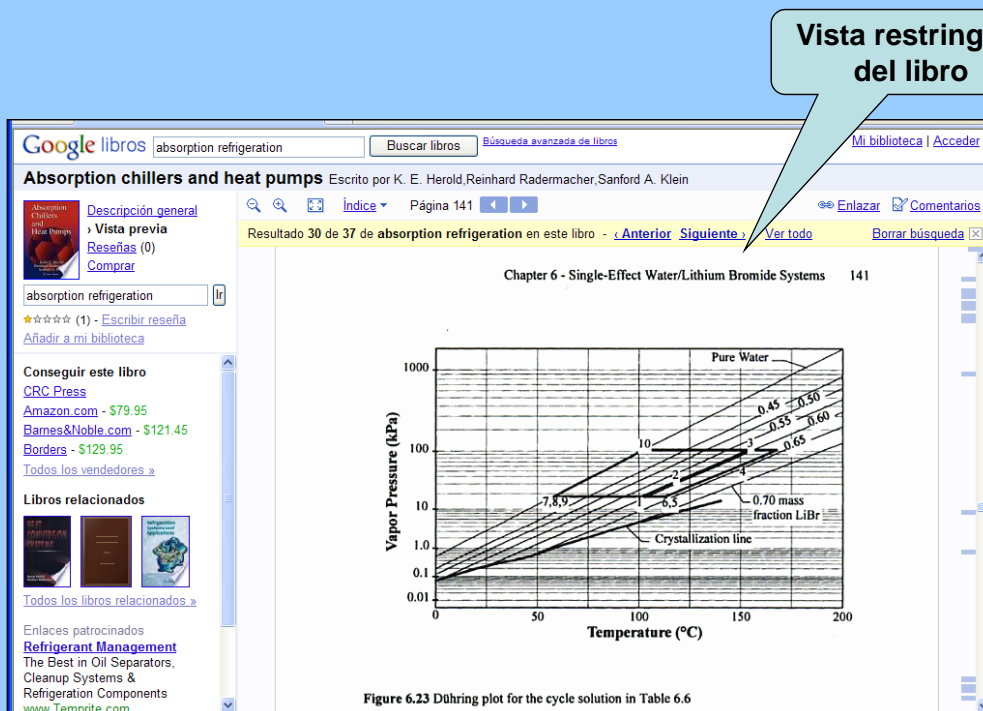
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Descripción general Índice Página 141 Enlazar Comentarios

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Chapter 6 - Single-Effect Water/Lithium Bromide Systems 141

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Vapor Pressure (kPa)

Temperature (°C)

Pure Water

0.45 - 0.50

0.55 - 0.60

0.65

0.70 mass fraction LiBr

Crystallization line

7.8, 9

10

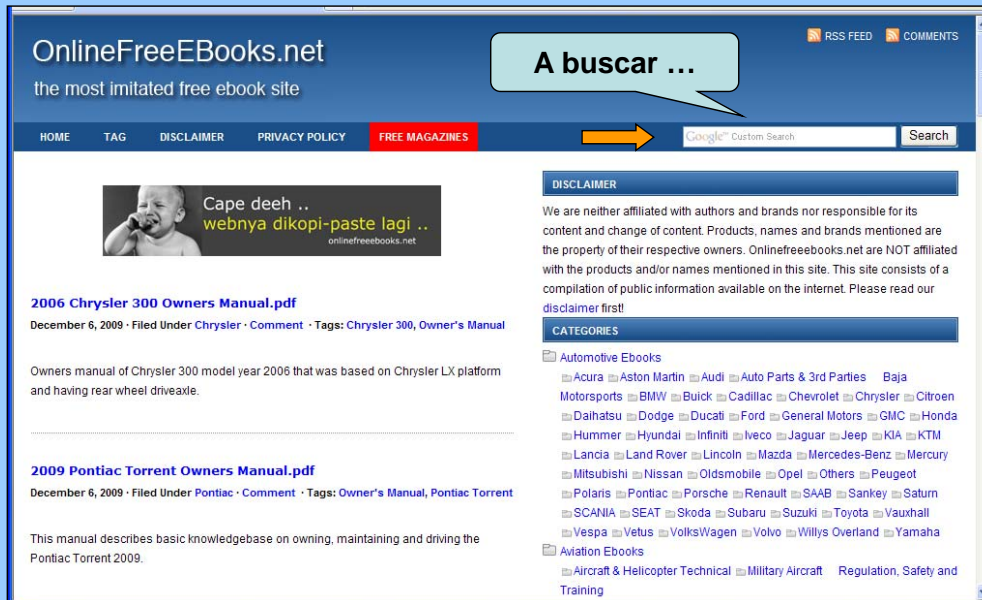
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6.5

Figure 6.23 Dühring plot for the cycle solution in Table 6.6





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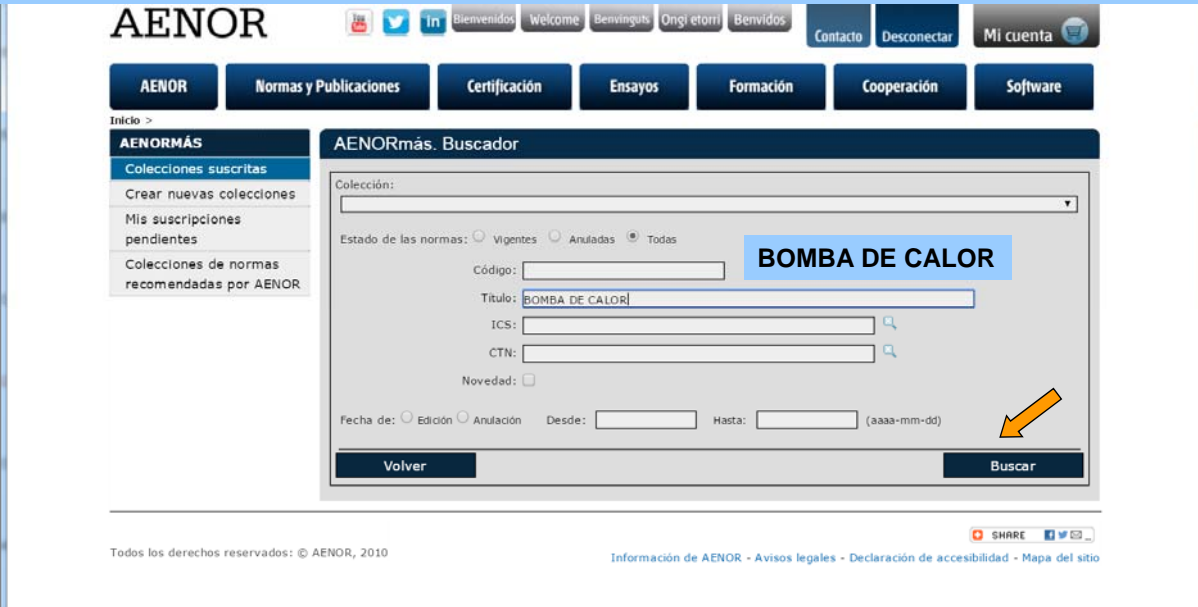
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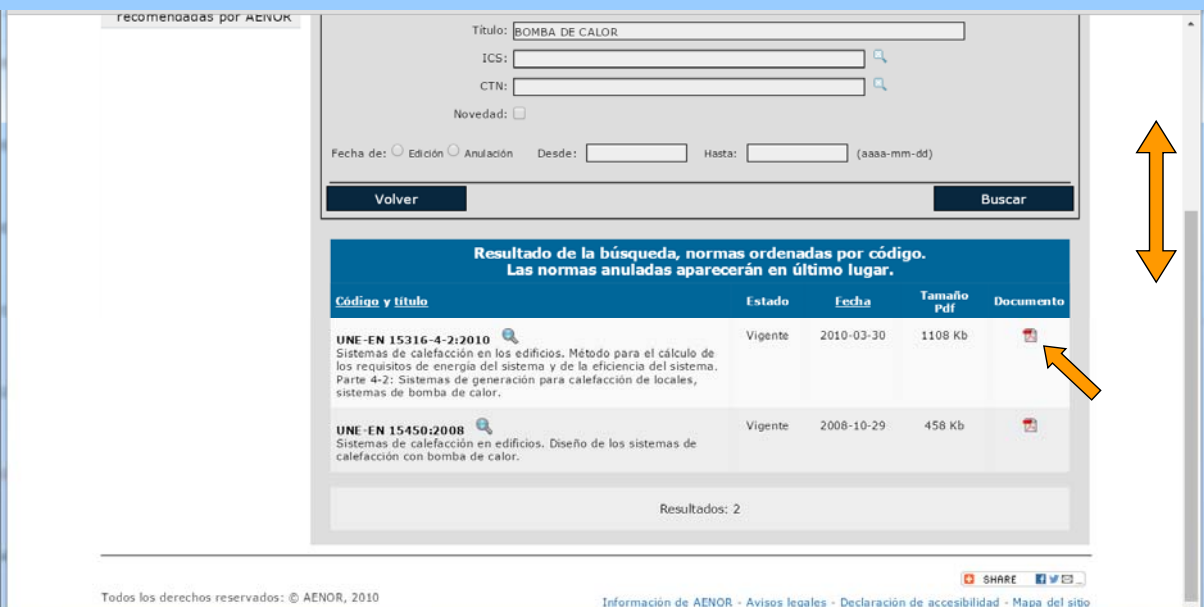
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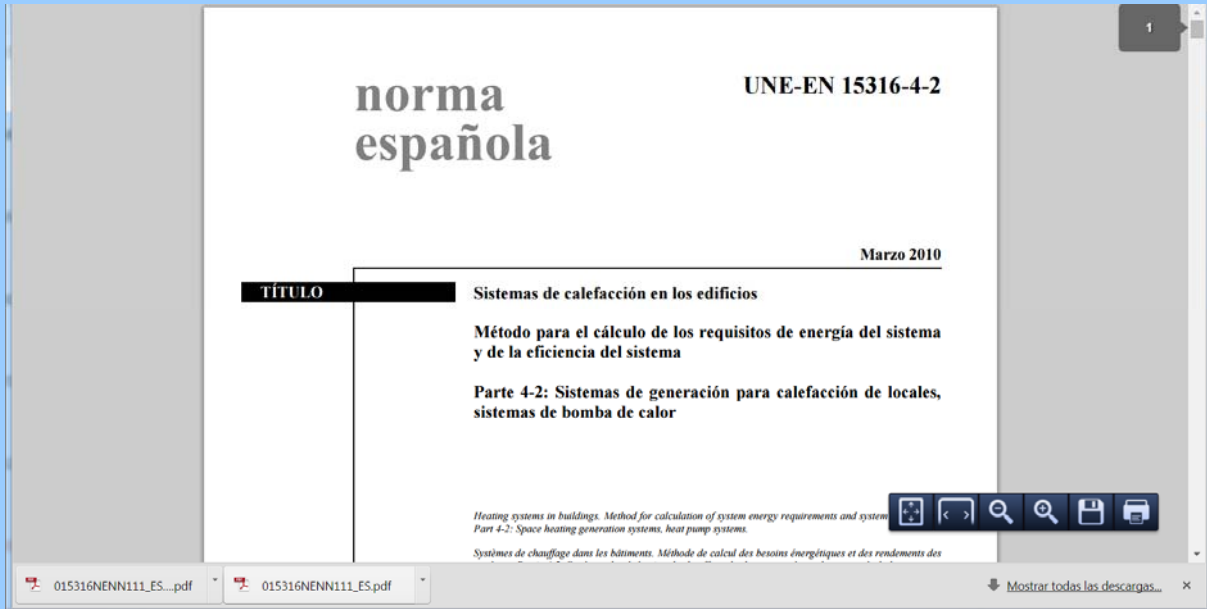
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- POLYMER SCIENCE (1,721)

**Assignee Names**

- MATSUSHITA DENKI SANGYO KK (1,371)

1. KR2009085361-A  
Title: Co-generation system has temperature sensor that senses water temperature in hot water storage tank, where temperature setting portion is provided to set up temperature of hot water tank  
Assignee: LG ELECTRONICS INC  
Inventor(s): CHANG S D, CHO E J, LEE J W  
Citing Patents: 0

2. ZA200901903-A  
Title: Conversion of waste to energy involves adding waste to fermenter to generate methane, spraying digestate liquor and water on waste, pumping obtained biogas to scrubber bottom, spraying water and producing purified biogas  
Assignee: ENERGETIX LLC  
Inventor(s):  
Citing Patents: 0

3. TW200500837-A  
Title: Sidewall water-cooling recycle apparatus is composed of a main shell and a pump in which

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**Assignee Names**

- MATSUSHITA DENKI SANGYO KK (1,371)
- SANYO ELECTRIC CO LTD (482)
- NIPPONDENSO CO LTD (412)
- TOSHIBA KK (379)
- HITACHI LTD (339)

**Assignee Codes**

**Inventors**

- ZHANG X (161)
- WANG Y (148)
- ZHANG Y (127)
- WANG J (117)
- LI Y (112)

**IPC Codes**

**Derwent Class Codes**

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2. ZA200901903-A  
Title: Conversion of waste to energy involves adding waste to fermenter to generate methane, spraying digestate liquor and water on waste, pumping obtained biogas to scrubber bottom, spraying water and producing purified biogas  
Assignee: ENERGETIX LLC  
Inventor(s):  
Citing Patents: 0

3. TW200500837-A  
Title: Sidewall water-cooling recycle apparatus is composed of a main shell and a pump in which the main shell has a tight inner-layer, the sidewall of which is formed of a tubular channel for recycle of the cooling water system  
Assignee: MITAC TECHNOLOGY CORP  
Inventor(s): CHIN M  
Citing Patents: 0

4. SE200801965-A; WO2010030219-A1; SE532313-C2  
Title: Recycling process for waste oil on ships, performed without use of chemicals by supplying waste oil to first separation tank and heating tank and adding return water to filter comprising second separation tank  
Assignee: OLOFSSON C  
Inventor(s): OLOFSSON C  
Citing Patents: 0

5. KR932293-B1  
Title: Energy generating system comprises solar heat collecting device, which has driving unit, heat-receiving units, two heating units and hydrogen generation unit  
Assignee: YOUNG H P  
Inventor(s): YOUNG HO P  
Citing Patents: 0

6. KR2009128585-A  
Title: Producing makkoli for use as alcoholic beverage, involves using deep sea water, followed by heating pumped deep sea water and filtered through sand filter  
Assignee: SUH H D  
Inventor(s): SUH H D  
Citing Patents: 0

7. CN101507708-A  
Title: Preparation of liposome by placing organic solvent in container, adding film-forming material and fat-soluble pharmaceutical, stirring or refluxing, placing microsphere, heating, vacuum pumping, evaporating, drying, and adding water phase

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**Heat-pump apparatus for air-conditioning and the production of hot water**

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Patent Number(s): IT1367091-B

Inventor(s): TONON L G

Patent Assignee(s) and Codes(s): TONON SPA (TONO-Non-s)

Derwent Primary Accession Number: 2009-S56442 [04]

International Patent Classification: F25B-000/00

Derwent Class Code(s): Q75 (Refrigeration, liquefaction)

Patent Details:

Patent Number	Publ. Date	Main IPC	Week	Page Count	Language
IT1367091-B	19 Oct 2009	F25B-000/00	201004		Italian

Application Details:

IT1367091-B	ITMI2398	15 Dec 2005
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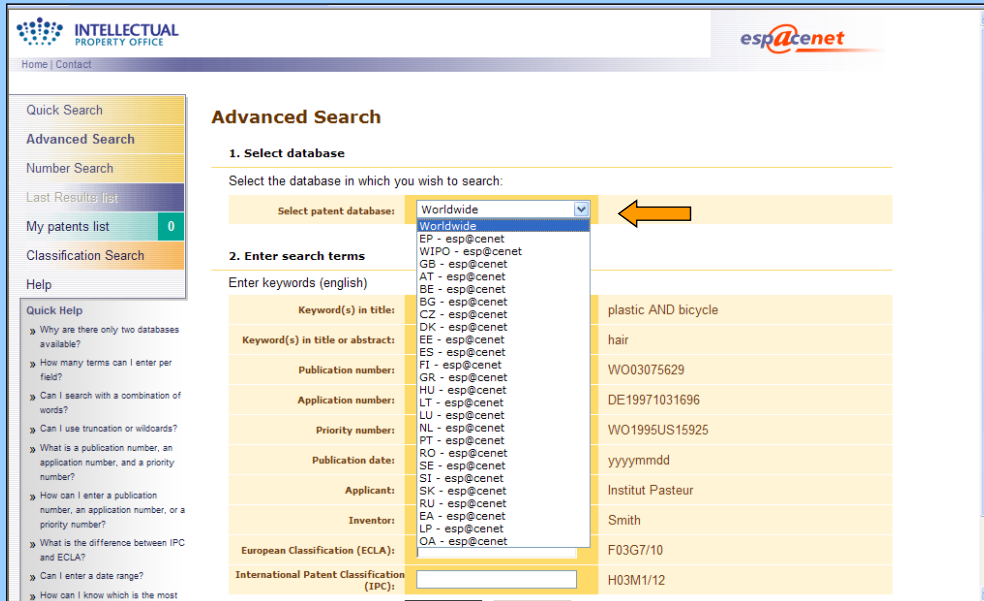
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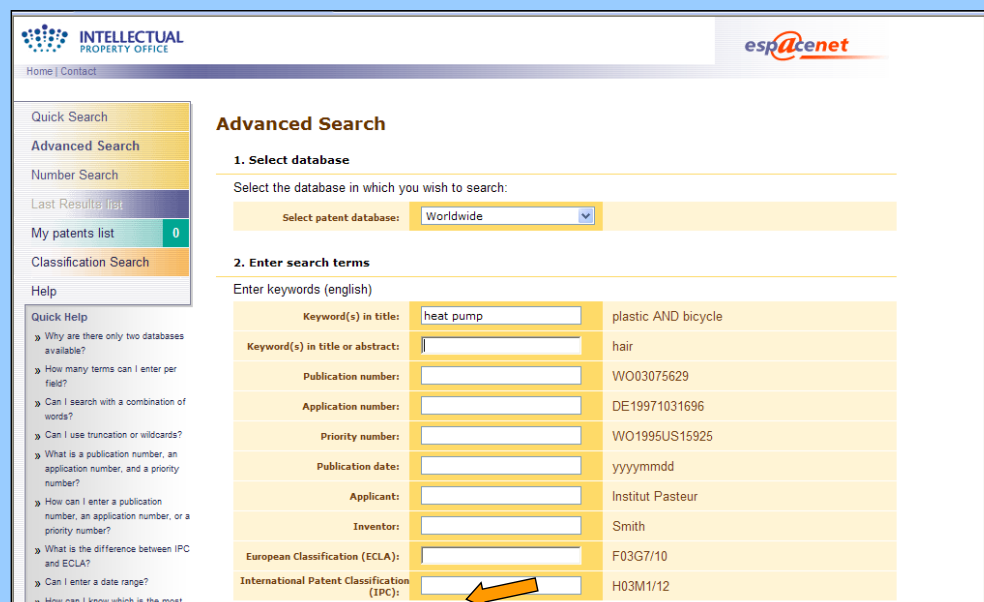
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Keyword(s) in title:	plastic AND bicycle
Keyword(s) in title or abstract:	hair
Publication number:	WO03075629
Application number:	DE19971031696
Priority number:	WO1995US15925
Publication date:	yyyymmdd
Applicant:	Institut Pasteur
Inventor:	Smith
European Classification (ECLA):	F03G7/10
International Patent Classification (IPC):	H03M1/12



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Publication number:		WO03075629
Application number:		DE19971031696
Priority number:		WO1995US15925
Publication date:		yyyymmdd
Applicant:		Institut Pasteur
Inventor:		Smith
European Classification (ECLA):		F03G7/10
International Patent Classification (IPC):		H03M1/12

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	Inventor: BULL DETLEF [DE]	Applicant: OEWA WASSER UND ABWASSER GMBH [DE]
	EC: F24D17/02	IPC: F28D7/00; G05D16/00
	Publication US2010288482 (A1) - 2010-11-18	Priority Date: 2007-08-27
2	<b>HEAT ENGINE FOR PRODUCING MECHANICAL WORK AND A REFRIGERATING HEAT PUMP</b>	in my patents list <input type="checkbox"/>
	Inventor: ATALLA NAJI AMIN [GB]	Applicant: ATALLA NAJI AMIN [GB]
	EC: WO2010130981 (A2) - 2010-11-18	IPC: 2009-05-11
	Publication WO2010130981 (A2) - 2010-11-18	Priority Date: 2009-05-11
3	<b>TUMBLE DRIER COMPRISING A HEAT PUMP AND HEATING SYSTEM AND METHOD FOR OPERATING THE SAME</b>	in my patents list <input type="checkbox"/>
	Inventor: STEFFENS GUENTER [DE]	Applicant: BSH BOSCH SIEMENS HAUSGERAETE [DE]
	EC: D06F58/20H; D06F58/28	IPC: D06F58/20; D06F58/26
	Publication EP2250313 (A1) - 2010-11-17	Priority Date: 2008-02-07
4	<b>HEAT-PUMP TYPE WATER HEATER</b>	in my patents list <input type="checkbox"/>
	Inventor: TAKADA KOUHEI [JP]; MACHIDA MIKOTO [JP]	Applicant: SANDEN CORP [JP]
	EC: F24D19/10C3P; F24H4/04	IPC: F24H1/00; F24H1/18; F25B49/02

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**Heat pump for swimming pools**

Bibliographic data Description Claims Mosaics Original document INPADOC LEGAL status

Patent number: USD627041 (S1)

Publication date: 2010-11-09

Inventor(s): FOURNIER FREDERIC [FR] +

Applicant(s): ZODIAC POOL CARE EUROPE [FR] +

Classification:

- international:
- european:

Application number: US20100348489F 20100112

Priority number(s): EM2001159992900F 20090811

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Abstract not available for US D627041 (S1)

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**Heat pump for swimming pools**

Bibliographic data **Description** Claims Mosaics Original document INPADOC LEGAL status

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Description of US D627041 (S1) [Translate this text](#)

FIG. 1 is a front view of the heat pump for swimming pools;  
 FIG. 2 is a front perspective view of the heat pump for swimming pools;  
 FIG. 3 is a back view of the heat pump for swimming pools;  
 FIG. 4 is a rear perspective view of the heat pump for swimming pools;  
 FIG. 5 is a right side view of the heat pump for swimming pools;  
 FIG. 6 is a left side view of the heat pump for swimming pools; and  
 FIG. 7 is a top view of the heat pump for swimming pools.  
 Portions or features of the Heat Pump for swimming pools not shown in the drawings form no part of the claimed design.

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**Heat pump for swimming pools**

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**United States Design Patent** (10) Patent No.: US D627,041 S  
 Fournier (45) Date of Patent: \*\* \*Nov. 9, 2010

(54) HEAT PUMP FOR SWIMMING POOLS FOREIGN PATENT DOCUMENTS

(75) Inventor: Frederic Fournier, Nantes (FR) AU 320941 9/2008  
 CA 125353 6/2009  
 EM 000810338-0001 10/2007  
 EM 000810338-0002 10/2007

(73) Assignee: Zodiac Pool Care Europe (FR) \* cited by examiner

(\*\*) Term: 14 Years Primary Examiner—T. Chase Nelson  
 Assistant Examiner—Ania K. Dwoverzecka  
 (74) Attorney, Agent, or Firm—Dean W. Russell, Michael A. Berelson, Kilpatrick Stockton LLP

(21) Appl. No.: 29/348,489 (57) CLAIM

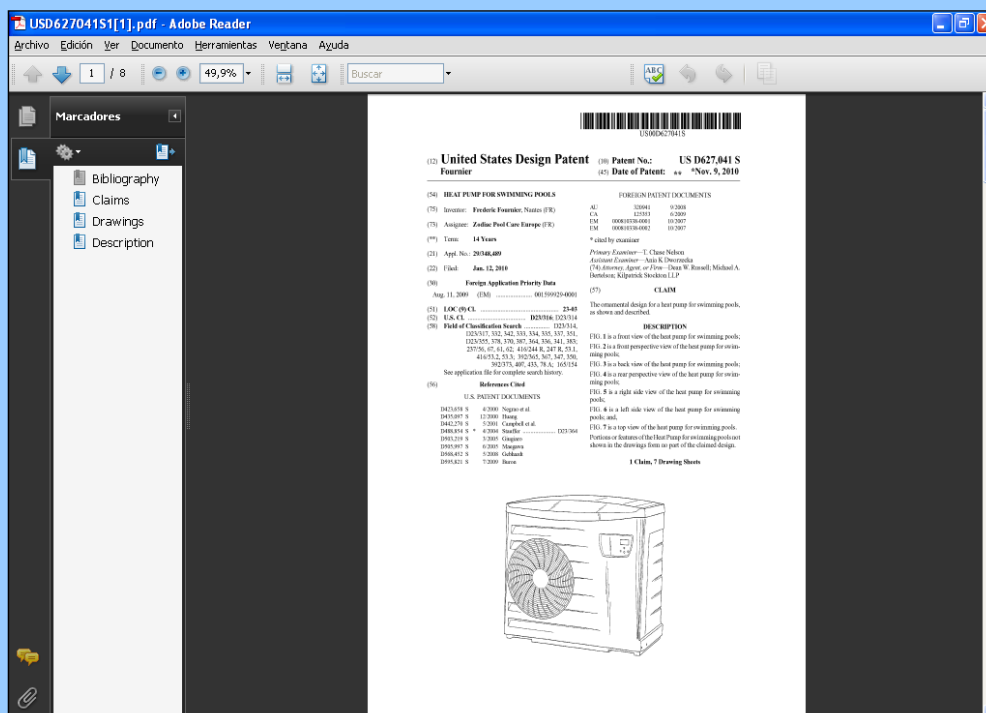
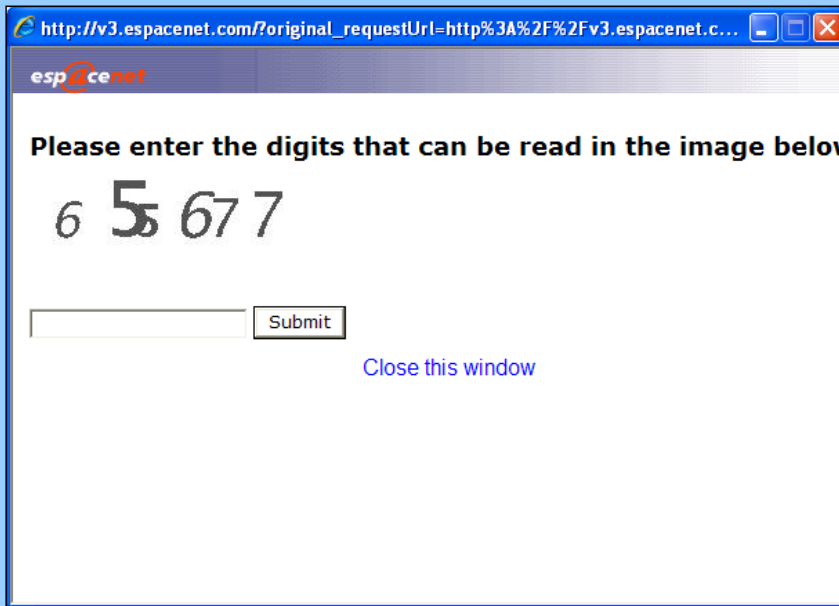
(22) Filed: Jan. 12, 2010 The ornamental design for a heat pump for swimming pools, as shown and described.

(30) Foreign Application Priority Data (57) CLAIM

Aug. 11, 2009 (EM) 00159929-0001

(51) LOC (9) CL ..... 23-03  
 (52) U.S. CL ..... D23/316; D23/314  
 (58) Field of Classification Search ..... D23/314,  
 D23/317, 332, 342, 333, 334, 335, 337, 351,  
 D23/355, 378, 370, 387, 364, 336, 341, 383,  
 237/56, 67, 61, 62; 416/244 R, 247 R, 53, 1.

DESCRIPTION  
 FIG. 1 is a front view of the heat pump for swimming pools;  
 FIG. 2 is a front perspective view of the heat pump for swimming pools;





**HEAT ENGINE FOR PRODUCING MECHANICAL WORK AND A REFRIGERATING HEAT PUMP**

**Bibliographic data** | Description | Claims | Mosaics | Original document | INPADOC LEGAL status

**Patent number:** WO2010130981 (A2) **Also published as:** GB2470278 (A)

**Publication date:** 2010-11-18

**Inventor(s):** ATALLA NAJI AMIN [GB] +

**Applicant(s):** ATALLA NAJI AMIN [GB] +

**Classification:**  
- international:  
- european:  
**Application number:** WO2010GB00931 20100511  
**Priority number(s):** GB20090008063 20090511

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Abstract of WO 2010130981 (A2)

A heat engine (200, 300, 400, 500, 600, 700) for producing mechanical work is disclosed. The heat engine comprises means (205) for dissolving in a solvent a waste working medium produced by the engine (203) as a result of the production of mechanical work by the turbine (203) and a separation means (201) arranged to receive the dissolved waste working medium which is pressurized in the pumps (208, 209) and to separate the dissolved waste working medium from solvent. The separation means (201) separates the dissolved waste working medium into a gaseous working medium and a solvent of the waste working medium.

**Family list**  
2 application(s) for: WO2010130981 (A2)  
Sorting criteria: Priority Date Inventor Applicant Ecla

Application No.	Title	Inventor	Applicant	IPC Class.	Priority Date
1	Heat engine and refrigerating heat pump	ATALLA NAJI AMIN [GB]	ATALLA NAJI AMIN [GB]	F01K25/06	2009-05-11
2	HEAT ENGINE FOR PRODUCING MECHANICAL WORK AND A REFRIGERATING HEAT PUMP	ATALLA NAJI AMIN [GB]	ATALLA NAJI AMIN [GB]		2009-05-11

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**HEAT ENGINE FOR PRODUCING MECHANICAL WORK AND A REFRIGERATING HEAT PUMP**

**Bibliographic data** Description Claims Mosaics Original document INPADOC LEGAL status

**Patent number:** WO2010130981 (A2) **Also published as:** GB2470278 (A)

**Publication date:** 2010-11-18

**Inventor(s):** ATALLA NAJI AMIN [GB] +

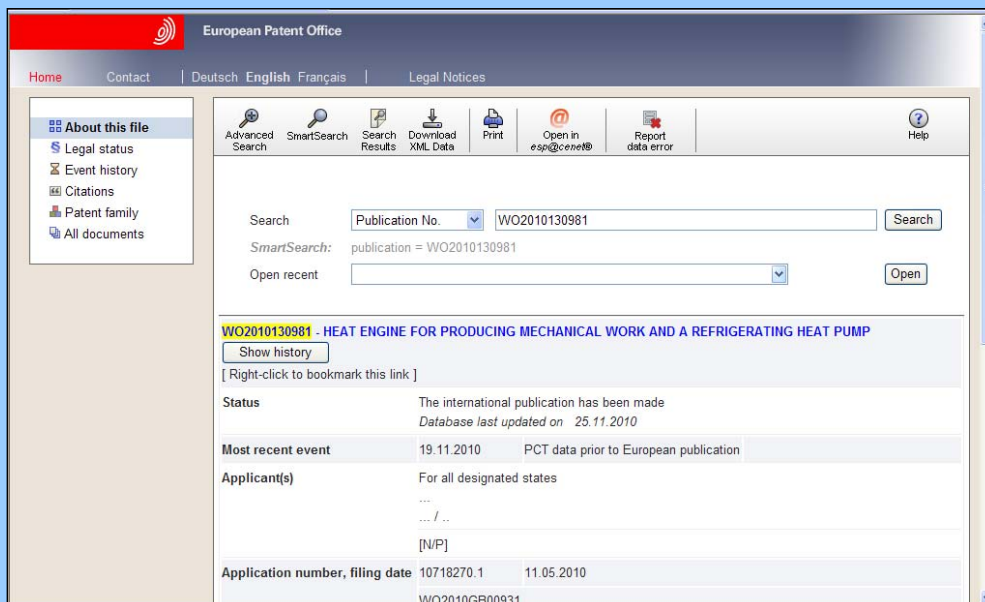
**Applicant(s):** ATALLA NAJI AMIN [GB] +

**Classification:**  
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**WO2010130981 - HEAT ENGINE FOR PRODUCING MECHANICAL WORK AND A REFRIGERATING HEAT PUMP**

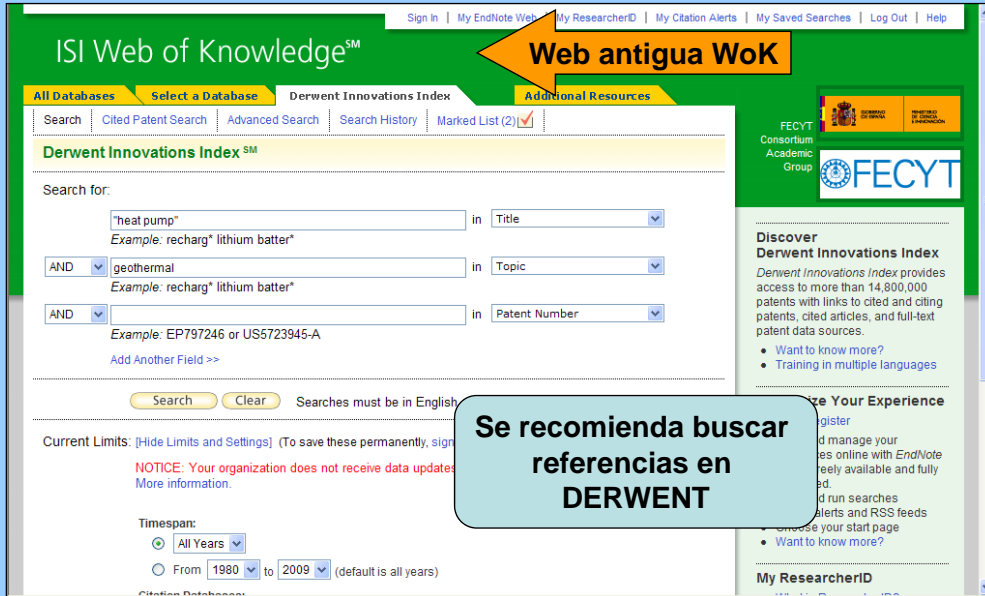
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**Most recent event** 19.11.2010 PCT data prior to European publication

**Applicant(s)** For all designated states  
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[N/P]

**Application number, filing date** 10718270.1 11.05.2010  
WO2010GB00931



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AND in Patent Number  
Example: EP797246 or US5723945-A

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Keyword(s) in title or abstract:	hair
Publication number:	WO03075629
Application number:	DE19971031696
Priority number:	WO1995US15925
Publication date:	yyyymmdd
Applicant:	Institut Pasteur
Inventor:	
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<input type="checkbox"/> European Patent Office (48,100)	<input type="checkbox"/> water heater
<input type="checkbox"/> Japanese Patent Office (25,617)	<input type="checkbox"/> pump system
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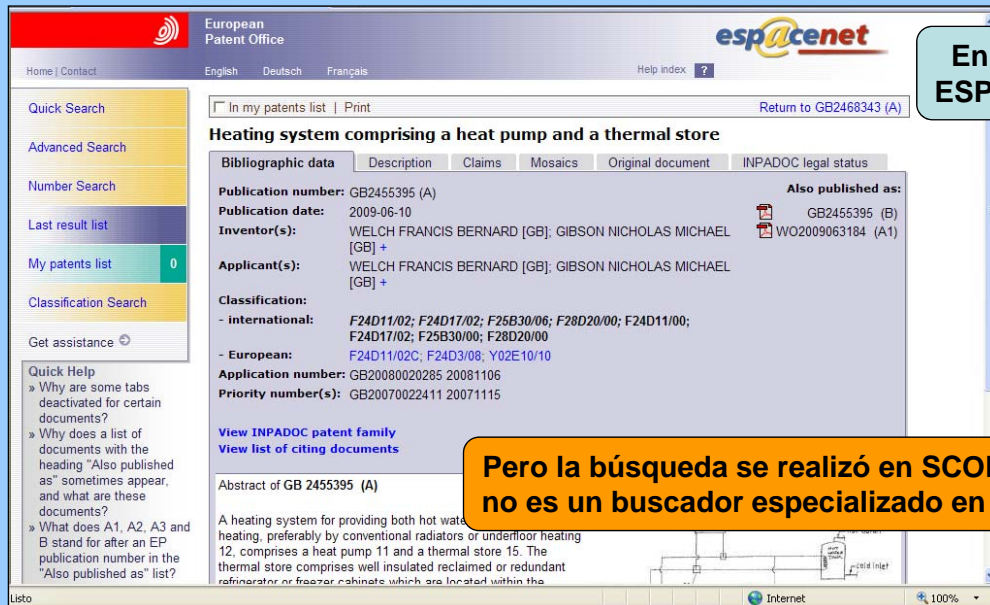
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Date Document (sort by relevance)

- 2010 Heating or cooling system comprising a heat pump  
**CHRIS, INGRAM, WILLIAM, MCCONNELL, RICHARD, KERN**  
A heating or cooling system 10 is presented for heating or cooling a number of defined spaces 'A', 'B', 'C', where none of the spaces is defined as an open zone, which would be heated or cooled whenever another defined space demanded heating or cooling. ...  
Patent record available from the UK Patent Office
- 2010 Percussion mole for installing a geothermal heat pump system  
**MARK, BRICE, LES, BROWN**  
An apparatus for inserting a ground-loop for a geothermal heat-pump system includes a percussion mole 4 and a first pipe 5 for delivering air to the mole 4 when drilling and liquid to the heat pump system when drilling has ceased. A second return pipe 6 ...  
Patent record available from the UK Patent Office
- 2010 Biocide suitable for use as a heat pump flushing solution  
**ROBERT GERARD SIMCOX, ALAN, MARSHALL**  
A biocide suitable for use as a heat pump flushing solution comprises: 75 to 98 % by weight water, 0.1 to 25% by weight hydroxide peroxide and 0.01 to 10% by weight particulate silver. The biocide is particularly effective for use in ground source heat ...  
Patent record available from the UK Patent Office
- 2010 Heat Pump Module for Locating in a Loft  
**JUSTIN, SMITH, JOE, GASAN, PETER, SCHWARZ**  
A heat pump module 10 for locating in a loft has a housing (1 fig 1) and a heat exchanger located in the housing. The housing can be narrower at the top than at the bottom, and can be located proximate to an apex 21 of a pitched roof. The heat exchanger ...  
Patent record available from the UK Patent Office
- 2010 Heating System with Heat Pump Utilising a Thermal Store  
**FRANCIS BERNARD WELCH, NICHOLAS MICHAEL GIBSON**  
A heating system for providing both hot water and room central heating, preferably by conventional radiators or underfloor heating 12, comprises a heat pump 11 and a thermal store 15. The thermal store comprises well insulated reclaimed or redundant ...  
Patent record available from the UK Patent Office
- 2010 Ground Source Heat Pump Arrangement Utilising Heat From a Compost Store  
**FRANCIS BERNARD WELCH, NICHOLAS MICHAEL GIBSON**  
A ground source heat pump arrangement has a compost store as a source of heat, and the heat pump provides heat for space heating and/or a hot water supply. The compost store is arranged to supply heat in addition to an underground heat source provided by ...  
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**Heating system comprising a heat pump and a thermal store**

**Bibliographic data** | Description | Claims | Mosaics | Original document | INPADOC legal status

**Publication number:** GB2455395 (A)  
**Publication date:** 2009-06-10  
**Inventor(s):** WELCH FRANCIS BERNARD [GB]; GIBSON NICHOLAS MICHAEL [GB] +  
**Applicant(s):** WELCH FRANCIS BERNARD [GB]; GIBSON NICHOLAS MICHAEL [GB] +

**Also published as:**  
 GB2455395 (B)  
 WO2009063184 (A1)

**Classification:**  
 - international: F24D11/02; F24D17/02; F25B30/06; F28D20/00; F24D11/00; F24D17/02; F25B30/00; F28D20/00  
 - European: F24D11/02C; F24D3/08; Y02E10/10

**Application number:** GB20080020285 20081106  
**Priority number(s):** GB20070022411 20071115

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Abstract of GB 2455395 (A)  
 A heating system for providing both hot water heating, preferably by conventional radiators or underfloor heating '12, comprises a heat pump 11 and a thermal store 15. The thermal store comprises well insulated reclaimed or redundant refrigerator or freezer cabinets which are located within the

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Pero la búsqueda se realizó en SCOPUS, que no es un buscador especializado en patentes



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**EINSTEIN Report Summary**

Project ID: [284932](#)  
 Funded under: [FP7-NMP](#)  
 Country: Spain

**Final Report Summary - EINSTEIN (EFFECTIVE INTEGRATION OF SEASONAL THERMAL ENERGY STORAGE SYSTEMS IN EXISTING BUILDINGS)**

**Executive Summary:**  
 Einstein project has as main objective, to develop, to evaluate and to demonstrate that low energy heating systems based on solar thermal energy combined with Seasonal Thermal Energy Storage (STES) concept and coupled with heat pumps are feasible from a technical and economic point of view. For this purpose, two demo STES installations have been designed, built and monitored in Warsaw and Bilbao and at the moment and during at least two more years, both installations will be monitored and regularly checked by the partners responsible for them.

Apart from both demo installations in operation, Einstein project has provided other outputs:

- The development, construction, installation and operation of a new heat pump that allows working with higher temperatures than conventional heat pumps, suitable to be integrated with STES systems
- The development of a software evaluation tool for the most cost-effective building retrofitting framework definition (public software tool)

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Patricio Aguirre  
TECNALIA  
[patricio.aguirre@tecnalia.com](mailto:patricio.aguirre@tecnalia.com)

**Related information**

**Result In Brief** [New low energy heating system](#)

**Documents and Publications** [final1-einstein-d9-5-booklet.pdf](#) ← [final1-einstein-final-publishable-v2.pdf](#)

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Seasonal thermal energy storage in existing buildings.

EINSTEIN project:  
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January 2012 – December 2015

PROJECT WEBSITE: [www.einstein-project.eu](http://www.einstein-project.eu)

Last updated on: 2016-06-29  
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- Scopus Tutoriales
- Web of Science (vídeos y guía)
- Para qué sirve Google Académico
- Bases de datos ISOC (BIB. UNED)
- Cómo usar y analizar la web para estudiar
- Cómo buscar y usar información científica: Guía para estudiantes universitarios 2013
- Clases de documentos y referencias

**Citas y referencias**

- CITAR: tutorial de citas y referencias bibliográficas
- Cómo dar y elaborar referencias (C12)
- Cómo citar bibliografía en estilo APA
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- Cómo citar bibliografía según ISO 690
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- Cite this for me: generador de referencias
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**RefWorks, Flow: gestión bibliográfica**

- Guía de inicio rápido
- Fundamentals Workbook
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- RefWorks, Flow: gestión bibliográfica**: Includes 'Guía de inicio rápido', 'Fundamentals Workbook', 'Advanced Workbook', 'Guía rápida Write-N-Cite', 'Referencia FRQs', 'Webinars próximos y grabados', and 'Canal vídeos formativos en YouTube'. It also features the Flow logo.
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**Departamento:** Ingeniería Eléctrica y Energética  
**Area:** Máquinas y Motores Térmicos

CARLOS J RENEDO [renedoc@unican.es](mailto:renedoc@unican.es)  
Despachos: ETSN 236 / ETSIIT S-3 28  
<http://personales.unican.es/renedoc/index.htm>  
Tlfn: ETSN 942 20 13 44 / ETSIIT 942 20 13 82

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- IEEE Xplore } P4
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RENEWABLE ENERGIES AND  
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### A Centralized Shifted Voltage Control Method for Accurate Power Sharing in DC Islanded Microgrids

Minh-Duc Pham and Hong-Hee Lee

Department of Electrical Engineering  
University of Ulsan, Korea  
Phone/Fax number:+82-52-259-2187, e-mail: [minhdacpham2009@gmail.com](mailto:minhdacpham2009@gmail.com), [hlhcc@mail.ulsan.ac.kr](mailto:hlhcc@mail.ulsan.ac.kr)

**Abstract.** Due to line impedance mismatch among renewable energy sources (RESs), it is hard to realize accurate power sharing in the DC microgrid system. To solve this issue, a distributed power sharing strategy for adjusting the RES output voltage is developed by adding shifted output voltage into each local controller. Thanks to the shifted voltage, the influence of voltage drop caused by the droop controller is effectively mitigated, so that the DC bus voltage is constantly balanced regardless of the load changes. The proposed method is realized with a centralized approach, and all the required control variables to determine the reference voltage is transmitted through low-bandwidth communication. The controller design and system stability are analyzed in detail with a simplified microgrid model. Small-scale DC microgrid is simulated to verify the effectiveness of the centralized shifted voltage control method.

**Keywords.** DC microgrid, Centralized control approach, Proportional power sharing.

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DC microgrid is well known as a reliable solution to

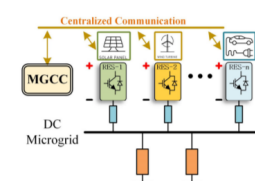


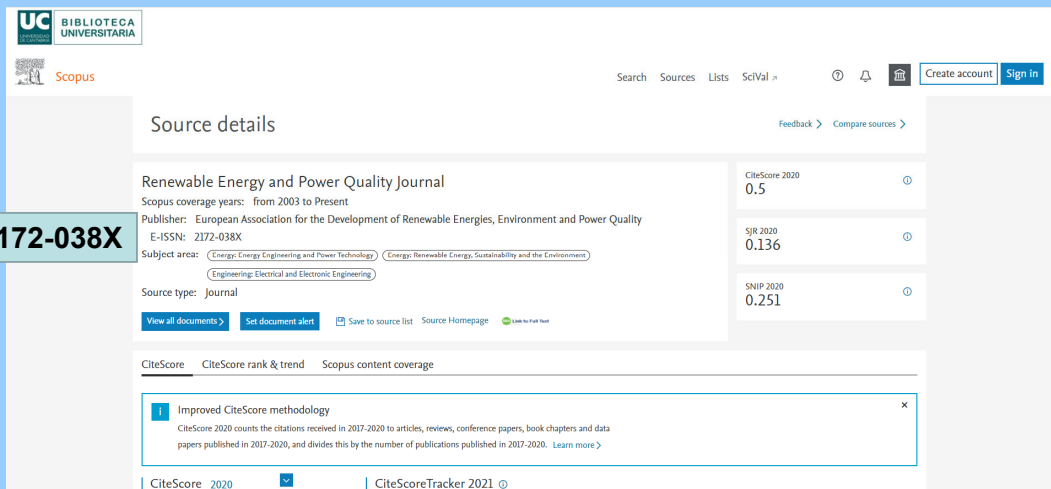
Fig. 1 DC microgrid configuration.

DC-DC converter system, such as master-slave control [5], circular current control [6], and droop control method [7], [8]. Among these methods, the droop control algorithm is commonly adopted as an efficient power

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In the physical sciences, particularly engineering, conference proceedings are typically published in **books**. Selection of conference proceedings published in books is extremely competitive. Each year many thousands of proceedings volumes are submitted to Clarivate for evaluation. From these, the most important and influential are selected for coverage.

#### CONFERENCE PROCEEDINGS PUBLISHED IN JOURNALS

The proceedings papers published in journals are selectively covered from any of the over 12,000 journals covered in *Web of Science*. Papers selectively covered for *Conference Proceedings Citation Index* meet the following criteria:

1. The paper must be identified explicitly as having been presented at a specific conference.

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**ESSAY**  
BY JIM TESTA, VICE PRESIDENT OF EDITORIAL & PUBLISHING

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**CLARIVATE CONFERENCE PROCEEDINGS**

Each year the worldwide community of thousands of meetings at which thousands of papers are published. From this vast body of literature, Clarivate selects the most significant publications which will be of great value to researchers in fast-moving areas of the biomedical sciences, for example, a rapid dissemination of new findings. In the physical sciences, particularly in conference proceedings published in journals, are submitted to Clarivate for evaluation and selection.

**CONFERENCE PROCEEDINGS PUBLISHED IN JOURNALS**

The proceedings papers published in journals are selectively covered from any of the over 12,000 journals covered in *Web of Science*. Papers selectively covered for *Conference Proceedings Citation Index* meet the following criteria:

1. The paper must be identified explicitly as having been presented at a specific conference.
  - a. Complete conference information must be present (Name, Date and Location of conference).
2. Meeting abstracts are selectively covered but only from a limited number of high-impact, high-frequency science journals. The great majority of these journals are from biomedical subject areas.

The journals from which conference proceedings are selectively covered are all covered in *Web of Science* and meet the selection criteria detailed in this essay: [The Clarivate Journal Selection Process](#).

**CONFERENCE PROCEEDINGS PUBLISHED IN BOOKS**

Conference proceedings published as books are acquired and selected according to a set of specialized guidelines. The Clarivate Publisher Relations staff is in regular communication with every major scholarly publisher, and many professional societies and associations. These organizations publish and/or sponsor professional conferences and submit their publications for evaluation and possible coverage in *Conference Proceedings Citation Index*. The Clarivate Editorial Development team evaluates each conference proceedings volume according to a set of well-established criteria. They include the following:

1. **Basic Publishing Standards**  
Editors examine each proceedings volume to insure that basic publishing standards are in place including sequential page numbering, timeliness, international editorial conventions such as fully descriptive article titles, and full cited references, author abstracts, and keywords.
2. **Content**  
The overall quality of the research presented is assessed, as is the completeness of the cited references. In addition, the editors review the content to ensure that it enriches Clarivate coverage of a field or subfield, or of a geographic region, or that it completes the coverage of the output of a prestigious scholarly society or organization. **Clarivate gives priority to important serialized conferences sponsored by prestigious scholarly societies. The objective is to cover every instance of such conference series.**
3. **Copyright and Conference Date**  
To insure that the content of *Conference Proceedings Citation Index* is timely, published conference proceedings must

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## Content Policy and Selection

Title evaluation process Journal selection Title Re-evaluation Publication Ethics Books and Conference

### You need quality content, and Scopus delivers: An overview for individual researchers

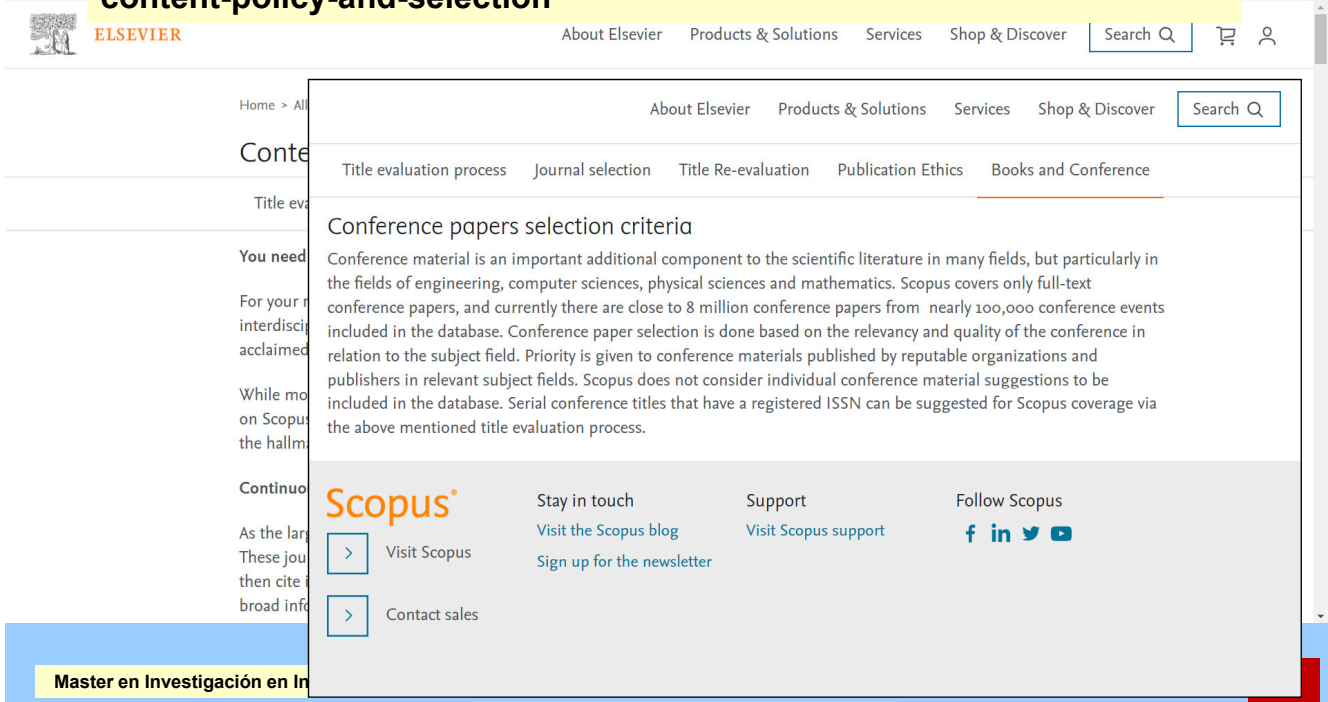
For your research to be the best that it can be, you need access to the most up-to-date and highest quality interdisciplinary content out there. This is why Scopus has a clearly stated selection policy and an internationally acclaimed board of selection experts so you can be sure that what you see on Scopus meets your high standards.

While most of the information provided on this page is written for publishers wishing to have their content included on Scopus, we invite you to read on. We hope you'll get a sense of the level of scrutiny and focus on authority that is the hallmark of Scopus.

### Continuously reviewing and expanding Scopus: What publishers need to know

As the largest indexer of global research content, Scopus includes titles from more than 5,000 publishers worldwide. These journals, books and conference papers are visible to millions of Scopus users, who in turn read your content and then cite it in their papers, in grant applications and reports, or in patent applications. To ensure that Scopus serves the broad information needs of researchers, our [Content Selection & Advisory Board \(CSAB\)](#) continuously reviews

<https://www.elsevier.com/solutions/scopus/how-scopus-works/content/content-policy-and-selection>



The screenshot shows the Scopus website page titled 'Conference papers selection criteria'. The page explains that conference material is an important component of scientific literature, but Scopus only covers full-text conference papers. It states that there are approximately 8 million conference papers from nearly 100,000 events in the database. Selection is based on relevance and quality. Priority is given to materials from reputable organizations and publishers. Scopus does not consider individual suggestions. Serial titles with a registered ISSN can be suggested for coverage via the title evaluation process.

At the bottom of the page, there are links for 'Visit Scopus', 'Contact sales', 'Stay in touch', 'Support', and 'Follow Scopus' (with social media icons for Facebook, LinkedIn, Twitter, and YouTube).

Master en Investigación en In

## Ejercicio 2:

**Comentar los aspectos relevantes (fechas y plazos, formato, secciones, referencias, ...) de envío de una ponencia a un congreso Nacional y otro Internacional**

- Internacionales: ICDL, ICD, ICREPQ, COST
- Jornadas Nacionales de Ingeniería Termodinámica
- Congreso Nacional de Ingeniería Mecánica
- Ciencias y Técnicas del Frío
- Congreso Universitario de Innovación Educativa en las Enseñanzas Técnicas (CUIEET)
- ...

**Cada estudiante elige dos diferentes**

### **Ejercicio 3:**



**Conjunto para todos los  
alumnos de la asignatura :**

**Proponer cambios, modificaciones y/o actualizaciones  
a la presentación**

### **Ejercicio 4:**



**Conjunto para todos los  
alumnos de la asignatura :**

**Proponer cambios, modificaciones y/o  
actualizaciones a todo el Bloque de la  
Asignatura**