

Publication of a paper: Interactive process among authors, reviewers, editors and readers

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Editor-in-Chief, Applied Energy

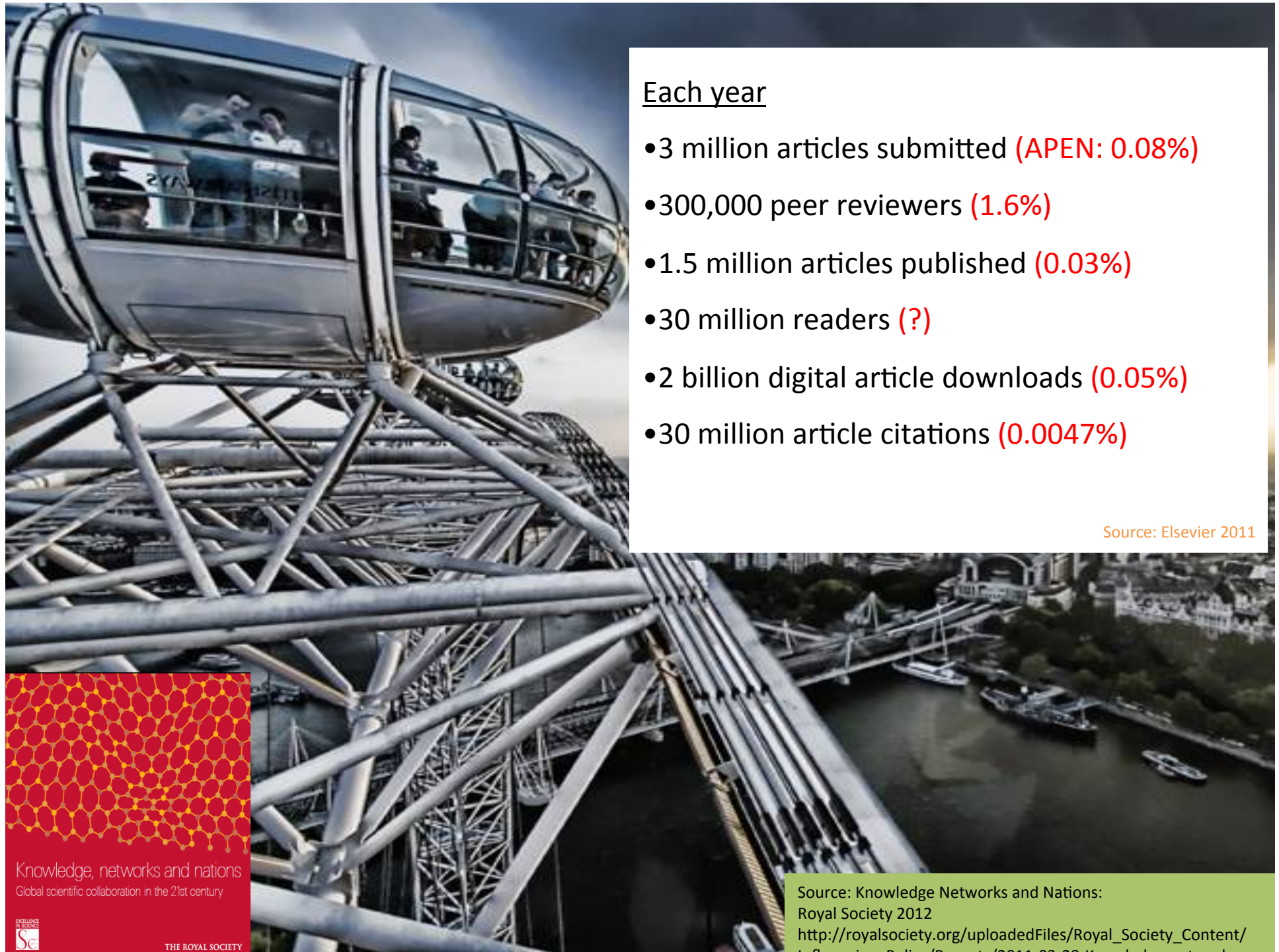
Writing an article is not only
for publication
but also for
sharing
communicating &
networking

today & future?:
new challenges/opportunities



What does young generation think about publishing? →

Content
is more important than
packaging !



Each year

- 3 million articles submitted (APEN: 0.08%)
- 300,000 peer reviewers (1.6%)
- 1.5 million articles published (0.03%)
- 30 million readers (?)
- 2 billion digital article downloads (0.05%)
- 30 million article citations (0.0047%)

Source: Elsevier 2011

Source: Knowledge Networks and Nations:
Royal Society 2012
http://royalsociety.org/uploadedFiles/Royal_Society_Content/Influencing_Policy/Reports/2011_02_28_Knowledge_networks

The process from preparation, submission, and review to publication

An example: Applied Energy



APPLIED ENERGY

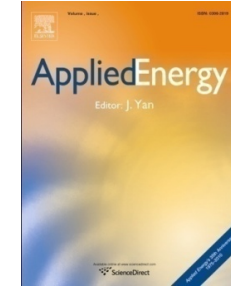
Applied Energy provides a **forum for information on innovation, research, development and demonstration** in the areas of energy conversion and conservation, the optimal use of energy resources, analysis and optimization of energy processes, mitigation of environmental pollutants, and sustainable energy systems.

Process of communication - Working flow



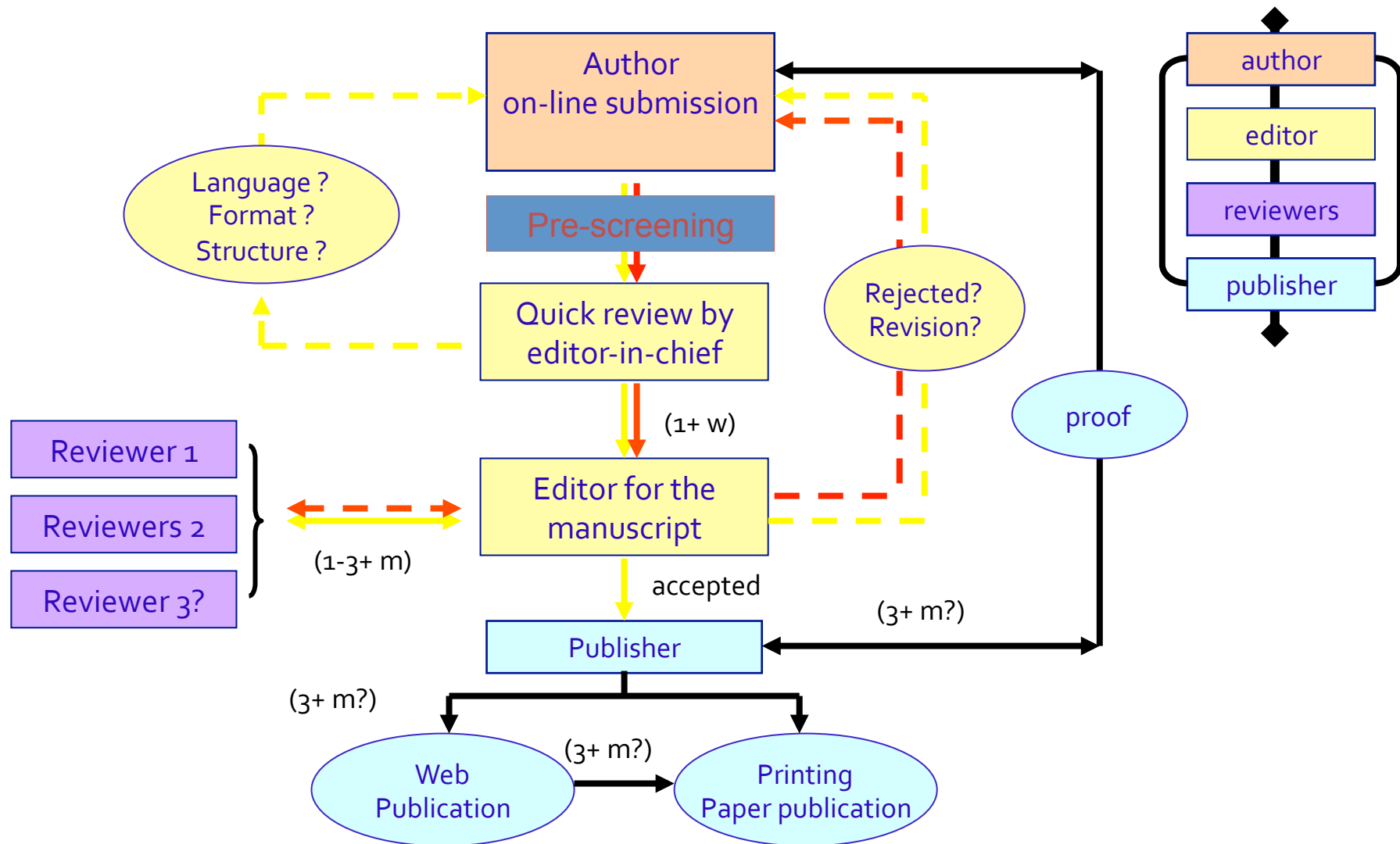
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Figures and Facts:



- Published by Elsevier since 1975
- 12 Issues per year, 700+ papers/year
- Today: Ca 300+ submissions per month
- Impacts factors:
 - (1) SCI, Impact Factor: 4.781 (2012)
 - 6th of 133 SCI Journals in Chemical Engineering
 - 6th of 81 SCI Journals in Energy and Fuels
 - (2) SCImago Journal & Country Rank: Subject Categories in:
 - Energy (Miscellaneous): No.1 according to SJR
 - Energy (Energy Engineering and Power Technology): No.4 according to SJR

Process from submission to publication



10 steps on how to get your research results published

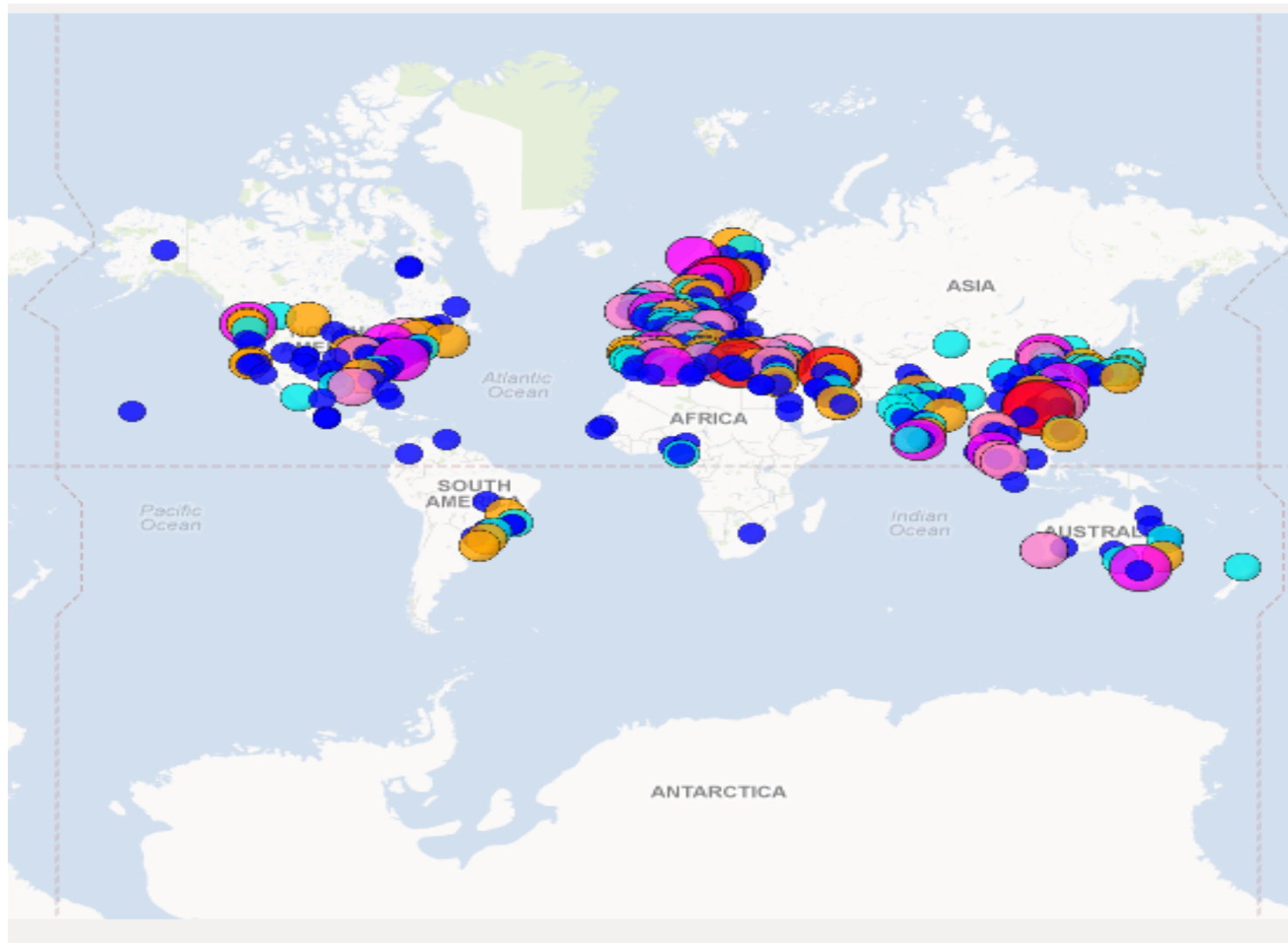
1. **To define/find a REAL problem rather than to establish a “theory”**: investigating phenomena, acquiring new knowledge, or correcting and integrating previous knowledge, or providing solutions to a real engineering application.
2. **Find a REAL and SIMPLE solutions to the problem** by using scientific methodology: hypotheses – experimental test – repeatable verification to guard against mistake or confusion
3. **Check if you have new findings** (novelty or originality): new observation of unknown phenomena? new methodology? Correction of the mistakes of previous knowledge, new solutions to a engineering application.
4. **Follow the instructions for authors**: cover letters, contact information, references and their citation, tables and figures, font size, double space, titles and headings, abstract, nomenclatures, equations, symbols, appendices, line numbering ...
5. **Report your results objectively**, to reduce biased interpretations; & archive and share all data and methodology so they are available for careful scrutiny by other scientists, giving them the opportunity to verify results by attempting to reproduce them.
6. **Use SIMPLE structure for your paper writing**: Background/Introduction – Methodology – Assumptions and Studied Systems/Experiment – Results – Discussions – Conclusions.
7. **Use scientific language**: formal, concise, and clear.
8. **Proof reading by others and self reading again** after 2 weeks of the completed draft.
9. Profession manner in communication with editors, reviewers and readers.
10. ***"Just Do It"***

Can I publish this????

- Have you done something new and interesting? **Originality**
- Have you checked the latest results in the field? **Literature survey**
- Have the findings been verified? **Justification/Verification**
- Have the appropriate controls been performed? **Professional**
- Do your findings tell a nice story or is the story incomplete? **Organization**
- Is the work directly related to a current hot topic? **Interesting for readers**
- Have you provided solutions to any difficult problems? **Science NOT homework**

**If all answers are “yes”,
a good, strong manuscript is what is needed next**

Geographical affiliation map of authors @ Applied Energy



International Conference on Applied Energy



Website: www.applied-energy.org

History of ICAE: International Conference on Applied Energy



Welcome to Taiwan in 2014



ICAEE 2014:
CALL
FOR
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CONFERENCE DEADLINES

- Submission system open by Oct. 1, 2013
- Deadline for abstract: Oct. 31, 2013
- Deadline for full paper: Dec. 31, 2013
- Review: Dec. 15, 2013 – Feb 15, 2014
- Deadline for final paper: Mar. 30, 2014

30 MAY - 2 JUNE 2014 : TAIPEI, TAIWAN
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July 1-4, 2013
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5-Year Impact Factor:
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Imprint: ELSEVIER

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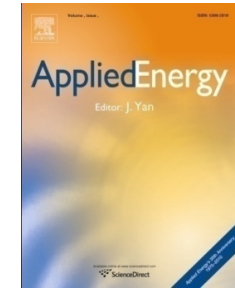


Soot temperature and KL factor for biodiesel
and diesel spray combustion in a constant
volume combustion chamber
Ji Zhang | Wei Jing | ...

HC and CO emissions reduction by early
injection strategy in a bioethanol blended
diesel-fueled engine with a narrow angle
injection system
Su Han Park | Seung Hyun Yoon | ...

Interaction of iron–copper mixed metal oxide
oxygen carriers with simulated synthesis gas
derived from steam gasification of coal
Ranjani V. Siriwardane | Ewelina Ksepko | ...

Impacts (2012)



750

Publications

4.781

Impact factor

1,300,000

Downloads

SJR: No. 1 in Energy (Miscellaneous)



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	Title	SJR	H index	Total Docs. (2012)	Total Docs. (3years)	Total Refs.	Total Cites (3years)	Citable Docs. (3years)	Cites / Doc. (2years)	Ref. / Doc.	Country
1	Applied Energy	Q1 2,623	52	774	1.330	24.734	7.563	1.315	5,45	31,96	
2	Journal of Power Sources	Q1 1,975	154	1.281	3.777	41.277	18.914	3.736	4,92	32,22	
3	Biotechnology for Biofuels	Q1 1,872	21	108	127	5.028	732	124	5,33	46,56	
4	Energy	Q1 1,847	69	820	1.604	28.972	6.831	1.579	4,14	35,33	
5	Energy Economics	Q1 1,841	56	285	445	10.452	1.403	423	2,88	36,67	
6	Energy Policy	Q1 1,602	76	851	2.242	35.423	7.850	2.183	3,30	41,63	
7	Biomass and Bioenergy	Q1 1,361	86	505	1.002	15.410	3.698	991	3,28	30,51	
8	Fuel Cells	Q1 1,056	39	126	319	4.222	875	304	2,29	33,51	
9	Energy Efficiency	Q1 1,056	10	46	89	1.338	163	80	1,62	29,09	

SJR: No. 4 in Energy Engineering and Power Technology



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1	Progress in Energy and Combustion Science	4,852	88	42	68	6.390	1.218	66	18,04	152,14	
2	Progress in Photovoltaics: Research and Applications	3,090	63	256	256	7.111	1.569	230	6,99	27,78	
3	IEEE Transactions on Energy Conversion	2,717	89	112	374	2.599	2.002	370	4,70	23,21	
4	Applied Energy	2,623	52	774	1.330	24.734	7.563	1.315	5,45	31,96	
5	Energy	1,847	69	820	1.604	28.972	6.831	1.579	4,14	35,33	
6	Electric Power Systems Research	1,781	54	223	626	5.376	1.927	624	2,73	24,11	
7	Petroleum Exploration and Development	1,711	16	100	177	2.277	583	177	3,93	22,77	
8	International Journal of Electrical Power and Energy Systems	1,671	48	378	430	10.019	1.865	425	4,48	26,51	
9	Energy Conversion and Management	1,631	76	339	1.163	9.821	4.321	1.155	3,45	28,97	
10	AAPG Bulletin	1,629	63	94	228	5.311	615	218	2,26	56,50	
11	IET Generation, Transmission and Distribution	1,541	56	100	344	2.656	861	342	2,33	26,56	
12	Applied Thermal Engineering	1,403	61	487	1.287	11.498	3.508	1.265	2,51	23,61	
13	SPE Journal	1,397	44	97	252	2.975	536	251	1,79	30,67	
14	Energy and Fuels	1,357	88	800	2.337	20.805	7.634	2.301	3,25	26,84	

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LinkedIn of Applied Energy

The screenshot shows the LinkedIn interface for the 'Applied Energy, Elsevier Journal' group. The top navigation bar includes links for Home, Profile, Network, Jobs, and Interests, along with a search bar and icons for Business Services and Upgrade. The group header displays the group name, a logo with icons for a person, a temperature gauge, and a sun, and indicates 1,772 members. Below the header, there are tabs for Discussions, Promotions, Jobs, Search, and Manage. The main content area features a large banner for the 'International Conference on Applied Energy' with a stylized cityscape graphic. Below the banner, there is a section for 'Your Activity' with a search bar and a list of posts. The first post is by Jerry Yan, titled 'New publication from Applied Energy: Carbon constrained design of energy infrastructure for new build...', with a link to a ScienceDirect article. The second post is by Federico Scarpa, titled 'Date of first publication of a paper', discussing the importance of publication dates. The right sidebar contains a 'Top Influencers in this Group' section with a list of members, an 'ADS YOU MAY BE INTERESTED IN' section with three advertisements, and a 'Latest Activity' section with a list of recent group interactions.

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Jerry Yan
<http://www.sciencedirect.com/science/article/pii/S0306261913007034>

Carbon constrained design of energy infrastructure for new build... sciencedirect.com
Received 17 December 2012 Revised 28 June 2013 Accepted 21 August 2013 Available online 20 September 2013 The carbon constrained design of energy supply infrastructure for new build schemes was investigated. This was considered as an optimization...

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Date of first publication of a paper

Federico Scarpa
Owing to the increasing number of contributions, I think, Applied Energy used to put online, to "publish", definitive papers with volume number and page number but with a date of three, four month from now. This can cause some legal effects since ...

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Latest Activity

Federico Scarpa commented in the group on **Date of first publication of a paper:**
>>>>> Otherwise, the paper will be in the state of "In Press" till the paper is allocated in the issue. We are all happy with this,...
2 hours ago

Ramkishore Singh and 2 others like this discussion by Jerry Yan **Applied Energy** ranked No.1 in Energy (Miscellaneous), & No.4 in Energy Engineering and Power Technology according to the SJR (SCImago...
4 hours ago

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Thanks