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—

Matthieu Ravillon
Account Development Manager
Elsevier, Amsterdam

An abstract graphic of blue ink splashing and swirling across the page, creating a sense of movement and depth. The ink is a vibrant blue, and the background is a light, almost white, gradient.

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What will we cover?

-
- Citation Tracker
- Author and Affiliation searching
 - H-Index explanation
- Journal Analyzer
- 2Collab
- Online demo
-

Citation Tracker



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Citation Tracker: what is it?


- **Real-time calculation of citations overview for:**
 - A selection of articles
 - A selection of articles or all the articles by one specific author
 - All articles published by one specific journal for a given year
- **All citation counts and links to articles are displayed on the same screen**
- **Easy to print and export**


Citation Tracker: possible applications

- Grant application for research groups
- Recruitment
- Evaluation of a university, department or research group's scientific output
- Choosing a mentor for a master or PhD program

How to use it:

Select the articles to be analyzed:

- Run a keyword/author/affiliation search and select the articles from results, or
- Search/browse for the journal you want to analyze
- From the results list or journal page, click on:  Citation tracker
- Citation Tracker

Adjust the parameters if necessary (date range, exclude self citations, sort articles by date/citations) and click on 

- You can also save this list of articles for future reference and print or export the Citation Overview

Select results from a keyword search:

Scopus - Results: (TITLE-ABS-KEY(riboflavin) AND TITLE-ABS-KEY(migraine)) - Microsoft Internet Explorer

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Address [x%A%3a60&sot=b&sdt=b&sl=55&s=%28TITLE-ABS-KEY%28riboflavin%29+AND+TITLE-ABS-KEY%28migraine%29%29&origin=searchbasic&txGid=NJpiE8sjqCzd6nzUGt1MxA%3a6](#) Go

Results: 94 Search within results Go

Output Citation tracker Add to list Select: All Page 1 to 20 Next

Document (sort by relevance)	Author(s)	Date	Source Title	Cited By
1. <input checked="" type="checkbox"/> "Natural" or alternative medications for migraine prevention Abstract + Refs View at Publisher	Evans, R.W., Taylor, F.R.	2006	<i>Headache</i> 46 (6), pp. 1012-1018	0
2. <input checked="" type="checkbox"/> What dietary modifications are indicated for migraines? Abstract + Refs	Crawford, P., Simmons, M.	2006	<i>Journal of Family Practice</i> 55 (1), pp. 62-63+66	0
3. <input checked="" type="checkbox"/> Medications for migraine prophylaxis Abstract + Refs View at Publisher	Modi, S., Lowder, D.M.	2006	<i>American Family Physician</i> 73 (1), pp. 72-78	1
4. <input checked="" type="checkbox"/> Characteristics of status epilepticus in MELAS. Analysis of four cases [Características del estado del mal epiléptico en MELAS. Análisis de cuatro casos] Abstract + Refs	Ribacoba, R., Salas-Puig, J., González, C., Astudillo, A.	2006	<i>Neurologia</i> 21 (1), pp. 1-11	0
5. <input checked="" type="checkbox"/> Alternative medicine in migraine: Is it ever a good alternative? Abstract + Refs	Tepper, S.J.	2005	<i>Headache and Pain: Diagnostic Challenges, Current Therapy</i> 16 (2), pp. 69-74	1
6. <input checked="" type="checkbox"/> Alternative medicine in migraine: Is it ever a good alternative? Abstract + Refs	Tepper, S.J.	2005	<i>Consultant</i> 45 (6), pp. 662-666	0
7. <input checked="" type="checkbox"/> Behavioral approach to migraine Abstract + Refs View at Publisher	Farmer-Cady, K.	2005	<i>Clinics in Family Practice</i> 7 (3 SPEC. ISS.), pp. 493-506	0
8. <input checked="" type="checkbox"/> Migraine prophylaxis Abstract + Refs View at Publisher	Graff-Radford, S.B.	2005	<i>Clinics in Family Practice</i> 7 (3 SPEC. ISS.), pp. 445-462	0
9. <input checked="" type="checkbox"/> Migraine and tension headache--a complementary and	Woolhouse, M.	2005	<i>Australian family</i>	0

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Citation Overview Citations received since 1996

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Sort Documents: Year descending

Date Range: 2007 to 2009

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50 Cited Documents save to list		Citations						
		<2007	2007	2008	2009	subtotal	>2009	total
<input type="checkbox"/>	Total	55	223	443	289	955	0	1010
1	<input type="checkbox"/> 2009 On-wire lithography: Synthesis, ...					0		0
2	<input type="checkbox"/> 2009 Redox-activating dip-pen nanolit...				1	1		1
3	<input type="checkbox"/> 2009 Curvature-Induced base pair "Sli...				1	1		1
4	<input type="checkbox"/> 2009 Polyvalent DNA nanoparticle conj...				3	3		3
5	<input type="checkbox"/> 2008 Topographically flat, chemically...					0		0
6	<input type="checkbox"/> 2008 A self-correcting inking strateg...				1	1		1
7	<input type="checkbox"/> 2008 Surface Plasmon-Mediated energy ...				3	3		3
8	<input type="checkbox"/> 2008 Multiplexed lipid dip-pen nanoli...				3	3		3
9	<input type="checkbox"/> 2008 Polymer pen lithography			1	5	6		6
10	<input type="checkbox"/> 2008 Mechanistic study of photomediat...			2	5	7		7
11	<input type="checkbox"/> 2008 Polyethylene glycol as a novel r...			1		1		1
12	<input type="checkbox"/> 2008 Detection of HIV-1 p24 Gag in pl...					0		0
13	<input type="checkbox"/> 2008 Rationally designed nanostructur...			3	20	23		23
14	<input type="checkbox"/> 2008 Electrically biased nanolithograp...			2	4	6		6
15	<input type="checkbox"/> 2008 Thermodynamically controlled sep...				4	4		4
16	<input type="checkbox"/> 2008 Spectroscopically enhancing elec...			3	4	7		7
17	<input type="checkbox"/> 2008 Kinetically controlled, shape-di...			2	2	4		4
18	<input type="checkbox"/> 2008 A DNA - Gold nanoparticle-based ...			6	12	18		18
19	<input type="checkbox"/> 2007 Nano-flares: Probes for transfec...			12	13	25		25

h index = 18

Document h index

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Of the 50 documents considered for the h index, 18 have been cited at least 18 times.

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Author Identifier: The problem

- How to distinguish between an author's articles and those of another author sharing the same name?
- How to group an author's articles together when his or her name has been recorded in different ways? (e.g. Stambrook, P and Stambrook, P.J.).
- Scopus Author Identifier was developed to tackle this problem.

Solving the problem

-
- Scopus tackles these problems by analyzing the data available in all publication records such as...
 - Author Names
 - Affiliation
 - Co-authors
 - Self citations
 - Source title
 - Subject area
- ...and using this data to group all articles
 - that belong to a specific author.

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Basic Search Author Search Advanced Search

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E.g., smith E.g., j.l.

Affiliation: tumori
E.g., university of toronto

Subject Areas ⓘ

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 Health Sciences Social Sciences

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Enter affiliation and select subject area in order to limit the number of results

Select one or more authors and click **show documents** or **citation tracker**.

Author Results: 7 Page 1 of 1

Show documents Citation tracker Feedback Select: All Page

	Authors	Documents	Subject Area	Affiliation (most recent)	City	Country
1. <input type="checkbox"/>	Ménard, S. Menard, S.	Details 10 Show Last Title	Biochemistry, Genetics and Molecular Biology; Medicine; Immunology and Microbiology; ...	Istituto Nazionale dei Tumori - Milano	Milan	Italy
2. <input type="checkbox"/>	Menard, S.	Details 4 Show Last Title	Immunology and Microbiology; Biochemistry, Genetics and Molecular Biology; Medicine; ...	Istituto Nazionale dei Tumori - Milano	Milan	Italy
3. <input type="checkbox"/>	Menard, S.	1 Show Last Title	Medicine; Biochemistry, Genetics and Molecular Biology	Istitu Milano		
4. <input checked="" type="checkbox"/>	Ménard, Sylvie Menard, Sylvie Menard, S. Menard, Sylvie	Details 239 Show Last Title	Biochemistry, Genetics and Molecular Biology; Medicine; Immunology and Microbiology; ...	Istitu Milano		
5. <input type="checkbox"/>	Menard, Sylvie Ménard, Sylvie Ménard, Sylvie	1 Show Last Title	Medicine; Immunology and Microbiology; Biochemistry, Genetics and Molecular Biology; ...	Istitut Milano		
6. <input type="checkbox"/>	Ménard, Sylvie	1 Show Last Title	Medicine	Istituto Nazionale dei Tumori - Milano	Milan	Italy
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Ménard, Sylvie

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Matured human monocyte-derived dendritic cells (MoDCs) induce expansion of CD4+CD25+FOXP3+ T cells lacking regulatory properties

(2008) *Immunology Letters*[Abstract + Refs](#)

- [Casalini, P., Carcangiu, M.L., Tammi, R., Auvinen, P., Kosma, V.-M., Valagussa, P., Greco, M., \(...\), Tagliabue, E.](#)

Two distinct local relapse subtypes in invasive breast cancer: Effect on their prognostic impact

Personal

Name	Ménard, Sylvie		
Other formats	Menard, Silvie Menard, S. Menard, Sylvie Ménard, Sylvie	Mènard, S. Ménard, S.	
Author ID	7101970914		
Affiliation	Istituto Nazionale dei Tumori - Milano, Department of Experimental Oncology	Milan	Italy

Research

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References	3322	
Cited By	3879	Citation tracker
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Web Search	0	
Subject Area	Medicine Biochemistry, Genetics and Molecular Biology Immunology and Microbiology More...	

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- 1. **Menard, Sylvie** 1 Medicine; Immunology and Microbiology; Biochemistry, Genetics and Molecular Biology; ...
Mènard, Sylvie [Show Last Title](#)
Ménard, Sylvie
- 2. **Menard, Sylvie** 1 Medicine; Biochemistry, Genetics and Molecular Biology
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- 3. **Menard, Sylvie** 1 Medicine; Istituto Nazionale dei Tumori - Milan Italy
[Show Last Title](#) Biochemistry, Genetics and Molecular Biology
Milano

Affiliation	Istituto Nazionale dei Tumori - Milano, Department of Experimental Milan Italy Oncology		
Research	Ménard, Sylvie	Total including 3 grouped Authors	
Documents	250 <input type="button" value="Add to list"/>	252 <input type="button" value="Add to list"/>	
References	3322	3326	
Cited By	3879 <input type="button" value="Citation tracker"/>	3978 <input type="button" value="Citation tracker"/>	
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The <i>h</i> Index considers Scopus articles published after 1995.			
Co-authors	150 (maximum 150 co-authors can be displayed)	150 (maximum 150 co-authors can be displayed)	
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Subject Area	Medicine Biochemistry, Genetics and Molecular Biology Immunology and Microbiology More...		

monocyte-derived dendritic cells (MoDCs) induce expansion of CD4+CD25+FOXP3+ T cells lacking regulatory properties
(2008) *Immunology Letters*

- Casalini, P., Carcangiu, M.L., Tammi, R., Auvinen, P., Kosma, V.-M., Valagussa, P., Greco, M., (...), Tagliabue, E.

Two distinct local relapse subtypes in invasive breast cancer:

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History
Publication range 1971-Present

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Russell, David W. [Find unmatched authors](#)

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Name	Russell, David W.		
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Author ID	7403670617		
Affiliation	University of Oslo, Department of Neurology	Oslo	Norway

Research

Documents	290	<input type="button" value="Add to list"/> E-mail alert
References	3511	
Cited By	10636	<input type="button" value="Citation tracker"/> E-mail alert
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Publication range	1976-Present	
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	Journal of Clinical Investigation	<input type="button" value="documents"/>

Documents

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- [Kotti, T., Head, D.D., McKenna, C.E., Russell, D.W.](#)
Biphasic requirement for geranylgeraniol in hippocampal long-term potentiation
(2008) *Proceedings of the National Academy of Sciences of the United States of America*
- [Hu, J., Renaud, G., Golmes, T., Ferris, A., Hendrie, P.C., Donahue, R.E., Hughes, S.H., \(...\), Dunbar, C.E.](#)
Reduced Genotoxicity of Avian Sarcoma Leukosis Virus Vectors in Rhesus Long-term Repopulating Cells Compared to Standard Murine Retrovirus Vectors
(2008) *Molecular Therapy*

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The Hirsch index

- The Hirsch or h-index is rapidly becoming viewed as an alternative measure to the impact factor for performance evaluation.
- Published by Jorge E. Hirsch in August 2005
- Popular with academic community
- Can be calculated easily using the Citation Tracker and the search result page searching options.

The H-index: a definition

‘The H-index is the highest number of papers a scientist has that have at least that number of citations.’

Nature (2005)

- So if an author has an H-index of 52, it means that he published at least 52 articles that received at least 52 citations.
- It is more a consistency index that put into perspective the career of an author

H-Index in the auth

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Russell, David W.

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Name Russell, David W.
Other formats Russell, D. A.
Russell, D. W.
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Author ID 7403670617
Affiliation University of Oslo, Department

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Publication range 1976-Present
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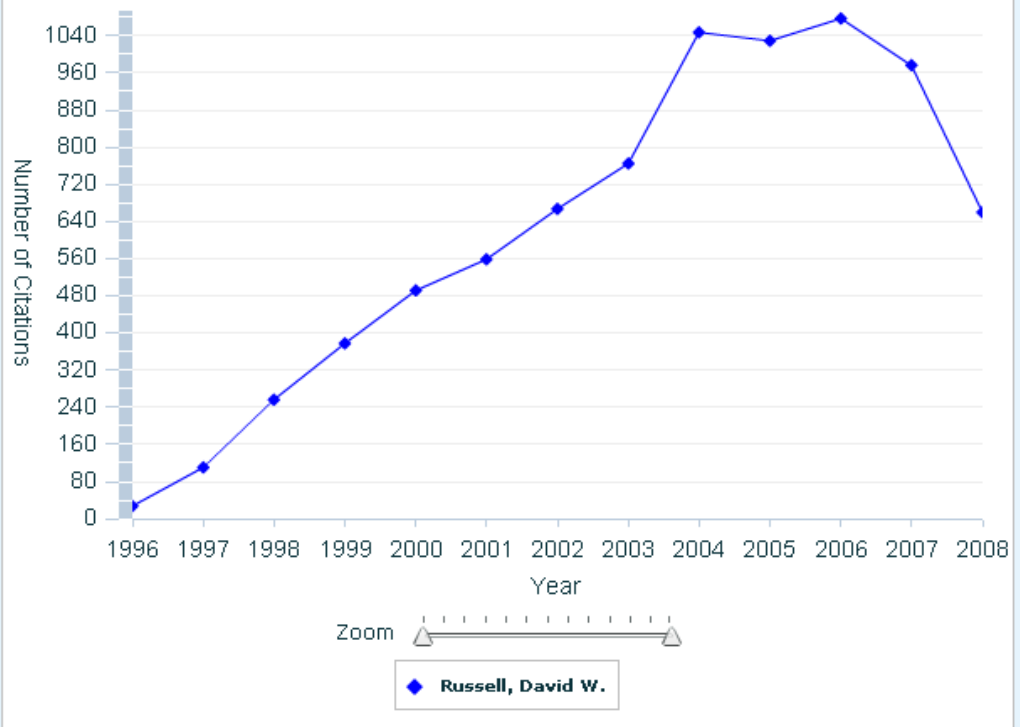
Author: Russell, David W.

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h-Graph **Articles Published** **Citations**

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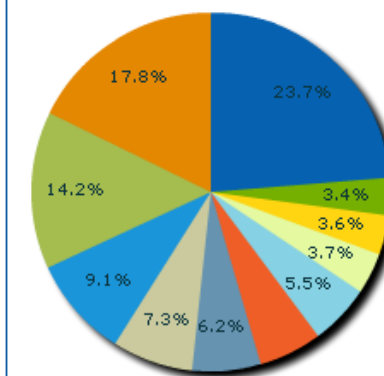
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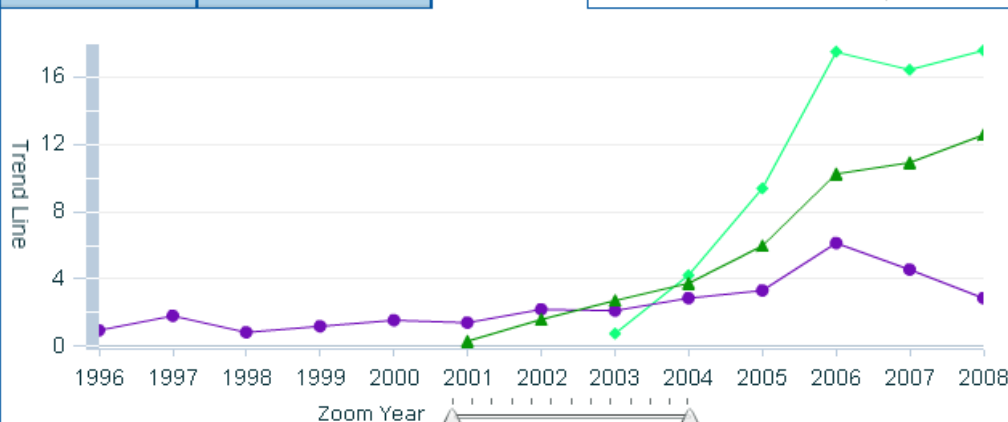
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Journal Title	ISSN
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Engineering Optimization	0305215X
Enterprise Information Systems	17517575
ESAIM - Probability and Statistics	12928100
European Journal of Operational Research	03772217
Finance and Stochastics	09492984
Fuzzy Sets and Systems	01650114
Global Networks	14702266
Global Pipeline Monthly	
Group Decision and Negotiation	09262644
IFIP International Federation for Information Pr	15715736
IIE Transactions (Institute of Industrial Enginee	0740817X
INFOR: Information Systems and Operational R	03155986
Informatik-Spektrum	01706012
Information and Management	03787206

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Calculations Last Updated: 25 Jun 2008

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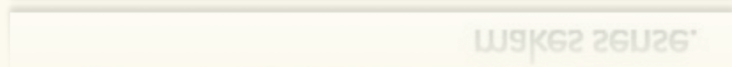
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Journal of Chromatography B: Biomedical Sciences and Applications 704, 1-2, 369-373, 19 December 1997.
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Acknowledgements
Reference

1. Introduction

Commercial aluminum alloy AA7075-T6 has a high yield strength of about 570 MPa, respectively and has a wide application in the aerospace industry.

Unfortunately, AA7075-T6 has poor weldability. The poor weldability is due to the presence of high strength precipitates in the heat-affected zone (HAZ) during fusion welding. Furthermore, material loss by vaporisation of the low boiling point alloying elements zinc and magnesium creates additional difficulties, particularly in laser keyhole welding. Solid-state welding processes, such as friction stir welding (FSW) offers an alternative welding method for AA7075 [2], [3], [4], [5] and [6]; however, softening of the weld nugget zone and thermal mechanical affected zone remains a challenge, although FSW overcomes the problem of hot cracking.

Hybrid laser/arc welding is a relatively new fusion welding method, which can be superior to laser beam welding because of the benefits afforded by the combination of a laser beam and an electric arc. Advantages of the hybrid process over laser beam welding reported include increased welding process stability, higher melting efficiency,

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