



Eugene Garfield

# Measuring Academic Impact

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The Institute for Scientific Information (ISI)  
at 3501 Market Street, Philadelphia

# The Science Citation Index (SCI)

- The SCI was created by Eugene Garfield in the early 60s.
- He founded the Institute for Scientific Information (ISI), which was later acquired by Thomson-Reuters
- Web of Science is based on the SCI
- Journal Impact Factors (IFs) are published in *Journal Citation Reports*



The converted chicken coop in Thorofare, NJ, where ISI® began

# Journal Impact Factor<sup>TM</sup> (IF)

- The IF of a particular journal is the ratio between the number of times articles published in the journal were cited, divided by the number of **citable articles** published in this journal during the same period of time.
- The IF of a journal for the year 2010 is calculated as follows: the number of citations made in 2010 to papers published in a journal during the previous two years (2008 and 2009) is divided by the number of **citable articles** published in the same two-year period.

# Drawbacks of IFs

- Concealed and flawed calculation
- Does not take into account self-citations or negative citations
- Includes limited number of journals
- English-language biased
- Can be misused by editors by publishing reviews as editorials
- Authors may avoid citing their competitors

# Journal Citation Reports (JCR) (Chemistry)

**Journal Citation Reports®**

WELCOME ? HELP 2011 JCR Science

**Journal Summary List** Journal Title

Journals from: **subject categories CHEMISTRY, ANALYTICAL; CHEMISTRY, APPLIED; CHEMISTRY, INORGANIC & NUCLEAR; CHEMISTRY, MEDICINAL; CHEMISTRY, MULTIDISCIPLINARY; CHEMISTRY, ORGANIC; CHEMISTRY, PHYSICAL** [VIEW CATEGORY SUMMARY LIST](#)

Sorted by:

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Journals 1 - 20 (of 514) Page

Ranking is based on your journal and sort selections.

Mark	Rank	Abbreviated Journal Title <i>(linked to journal information)</i>	ISSN	JCR Data <sup>j</sup>						Eigenfactor® Metrics <sup>j</sup>	
				Total Cites	Impact Factor	5-Year Impact Factor	Immediacy Index	Articles	Cited Half-life	Eigenfactor® Score	Article Influence® Score
<input type="checkbox"/>	1	<a href="#">CHEM REV</a>	0009-2665	103702	40.197	42.054	7.158	196	7.9	0.21470	13.333
<input type="checkbox"/>	2	<a href="#">NAT MATER</a>	1476-1122	39242	32.841	36.732	6.246	134	4.7	0.22091	17.925
<input type="checkbox"/>	3	<a href="#">CHEM SOC REV</a>	0306-0012	35918	28.760	28.098	5.471	314	3.2	0.13678	8.089
<input type="checkbox"/>	4	<a href="#">ACCOUNTS CHEM RES</a>	0001-4842	39664	21.640	22.507	3.460	126	7.0	0.10120	7.299
<input type="checkbox"/>	5	<a href="#">NAT CHEM</a>	1755-4330	5260	20.524	20.533	5.308	120	1.8	0.03284	7.957
<input type="checkbox"/>	6	<a href="#">ALDRICHIM ACTA</a>	0002-5100	1100	16.091	16.882	7.000	2	5.7	0.00328	5.252
<input type="checkbox"/>	7	<a href="#">NANO TODAY</a>	1748-0132	2170	15.355	16.078	2.324	37	2.8	0.01213	5.167
<input type="checkbox"/>	8	<a href="#">ANNU REV PHYS CHEM</a>	0066-426X	6657	14.130	17.480	3.267	30	9.7	0.01686	7.474
<input type="checkbox"/>	9	<a href="#">ADV MATER</a>	0935-9648	79860	13.877	12.813	2.155	789	5.0	0.26241	4.071
<input type="checkbox"/>	10	<a href="#">ANGEW CHEM INT EDIT</a>	1433-7851	209862	13.455	13.195	2.898	2002	5.4	0.51421	3.378
<input type="checkbox"/>	11	<a href="#">NANO LETT</a>	1530-6984	75287	13.198	13.843	2.082	955	4.2	0.34591	5.070

# Web of Science: Cited Reference Search

WEB OF KNOWLEDGE<sup>SM</sup> | DISCOVERY STARTS HERE

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## Web of Science®

### Cited Reference Search

(Find the articles that cite a person's work)

**Step 1:** Enter information about the cited work. Fields are combined with the Boolean AND operator.

\* Note: Entering the title, volume, issue, or page in combination with other fields may reduce the number of cited reference variants found.

<input type="text" value="Baykousheva S*"/> <i>Example: O'Brian C* OR OBrian C*</i>	in	<input type="text" value="Cited Author"/> <input type="button" value="Select from Index"/>
<input type="text"/> <i>Example: J Comp* Appl* Math* (journal abbreviation list)</i>	in	<input type="text" value="Cited Work"/> <input type="button" value="Select from Index"/>
<input type="text"/> <i>Example: 1943 or 1943-1945</i>	in	<input type="text" value="Cited Year(s)"/>

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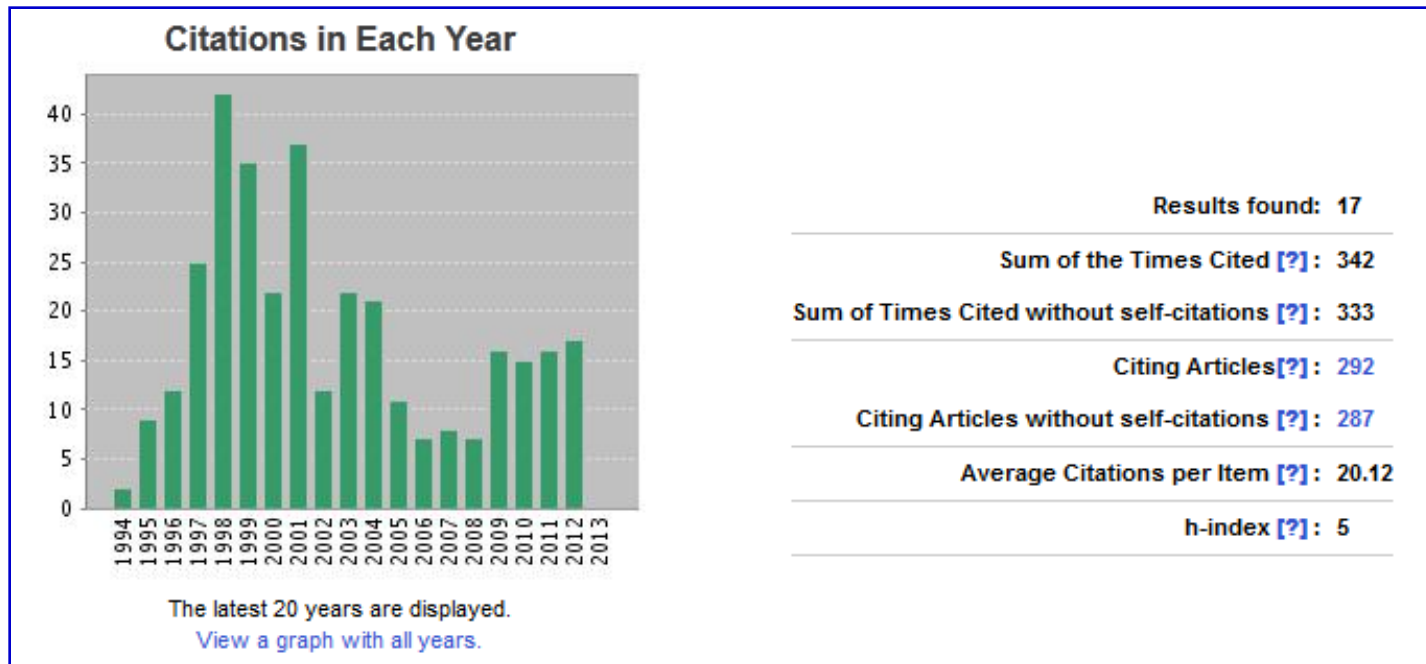
Searches must be in English

# Web of Science Citations

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1. Title: **Regulation of the biosynthesis of 4,7,10,13,16-docosapentaenoic acid**  
Author(s): Mohammed, BS; Luthria, DL; [Baykousheva, SP](#); et al.  
Source: BIOCHEMICAL JOURNAL Volume: 326 Pages: 425-430 Part: Part 2 Published: SEP 1 1997  
Times Cited: 16 (from Web of Science)  
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2. Title: **Reevaluation of the pathways for the biosynthesis of polyunsaturated fatty acids**  
Author(s): Sprecher, H; Luthria, DL; Mohammed, BS; et al.  
Source: JOURNAL OF LIPID RESEARCH Volume: 36 Issue: 12 Pages: 2471-2477 Published: DEC 1995  
Times Cited: 239 (from Web of Science)  
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3. Title: **PEROXISOMAL-MICROSOMAL COMMUNICATION IN UNSATURATED FATTY-ACID METABOLISM**  
Author(s): [BAYKOUSHEVA, SP](#); LUTHRIA, DL; SPRECHER, H  
Source: FEBS LETTERS Volume: 367 Issue: 2 Pages: 198-200 DOI: 10.1016/0014-5793(95)00565-Q Published: JUN 26 1995  
Times Cited: 18 (from Web of Science)  
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4. Title: **DOUBLE-BOND REMOVAL FROM ODD-NUMBERED CARBONS DURING PEROXISOMAL BETA-OXIDATION OF ARACHIDONIC-ACID REQUIRES BOTH 2,4-DIENOYL-COA REDUCTASE AND DELTA(3,5),DELTA(2,4)-DIENOYL-COA ISOMERASE**  
Author(s): LUTHRIA, DL; [BAYKOUSHEVA, SP](#); SPRECHER, H  
Source: JOURNAL OF BIOLOGICAL CHEMISTRY Volume: 270 Issue: 23 Pages: 13771-13776 Published: JUN 9 1995  
Times Cited: 34 (from Web of Science)  
[find it](#) [ [View abstract](#) ]
5. Title: **DIFFERENCES IN THE REGULATION OF BIOSYNTHESIS OF 20-CARBON VERSUS 22-CARBON POLYUNSATURATED FATTY-ACIDS**  
Author(s): SPRECHER, HW; [BAYKOUSHEVA, SP](#); LUTHRIA, DL; et al.  
Source: PROSTAGLANDINS LEUKOTRIENES AND ESSENTIAL FATTY ACIDS Volume: 52 Issue: 2-3 Pages: 99-101 DOI: 10.1016/0952-3278(95)90005-5  
Published: FEB-MAR 1995  
Times Cited: 5 (from Web of Science)  
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# Web of Science Citations/h-index





# The *h-index*

- The value of  $h$  is equal to the number of papers ( $N$ ) in the list that have  $N$  or more citations.
- An  $h$ -index of 20 means there are 20 items that have 20 citations or more.
- This metric is useful because it discounts the disproportionate weight of highly cited papers or papers that have not yet been cited.
- Favors academics that publish a continuous stream of papers with lasting and above-average impact
- Developed by J.E. Hirsch in 2005

# Google Scholar Citations

- Sign to your Google account
- The [Citations sign up form](#) will ask you to confirm the spelling of your name, and to enter your affiliation, interests, etc.
- On the next page, you'll see groups of articles written by people with names similar to yours. Click "Add all articles" next to each article group that is yours, or "See all articles" to add specific articles from that group.
- If you don't see your articles in these groups, click "Search articles" to do a regular Google Scholar search, and then add your articles one at a time. Feel free to do as many searches as you like.

# Example of Google Scholar Citations



**Svetla Baykoucheva** [Edit](#)

University of Maryland, College Park [Edit](#)

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h-index	5	3
i10-index	5	1



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Title / Author	Cited by	Year
<input type="checkbox"/> <a href="#">Reevaluation of the pathways for the biosynthesis of polyunsaturated fatty acids.</a> H Sprecher, DL Luthria, BS Mohammed, SP Baykousheva Journal of Lipid Research 36 (12), 2471-2477	307	1995
<input type="checkbox"/> <a href="#">Double Bond Removal from Odd-numbered Carbons during Peroxisomal-Oxidation of Arachidonic Acid Requires both 2, 4-Dienoyl-CoA Reductase and,-Dienoyl-CoA Isomerase</a> DL Luthria, SP Baykousheva, H Sprecher Journal of Biological Chemistry 270 (23), 13771-13776	38	1995
<input type="checkbox"/> <a href="#">Arachidonic acid formed by peroxisomal beta-oxidation of 7, 10, 13, 16-docosatetraenoic acid is esterified into 1-acyl-sn-glycero-3-phosphocholine by microsomes.</a> SP Baykousheva, DL Luthria, H Sprecher Journal of Biological Chemistry 269 (28), 18390-18394	18	1994

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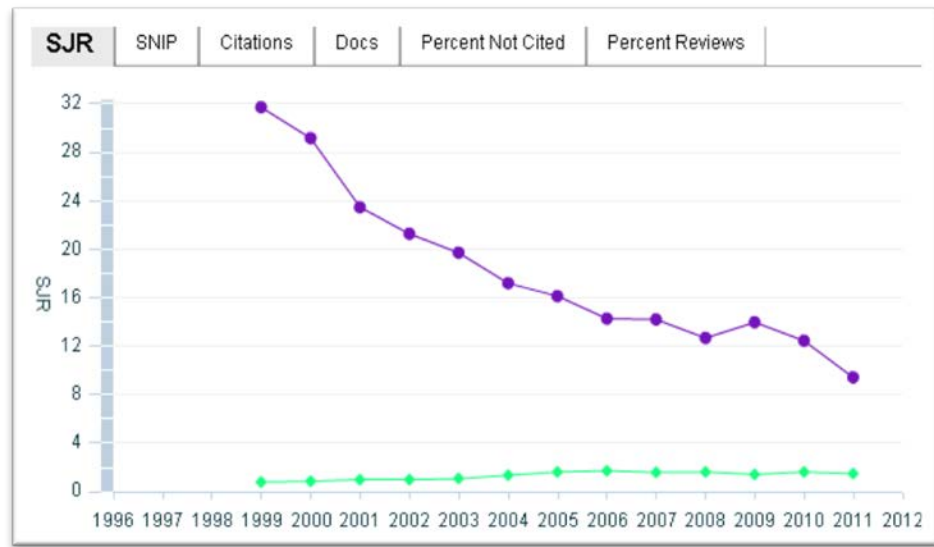
Inviting co-author

# Scopus Journal Analyzer

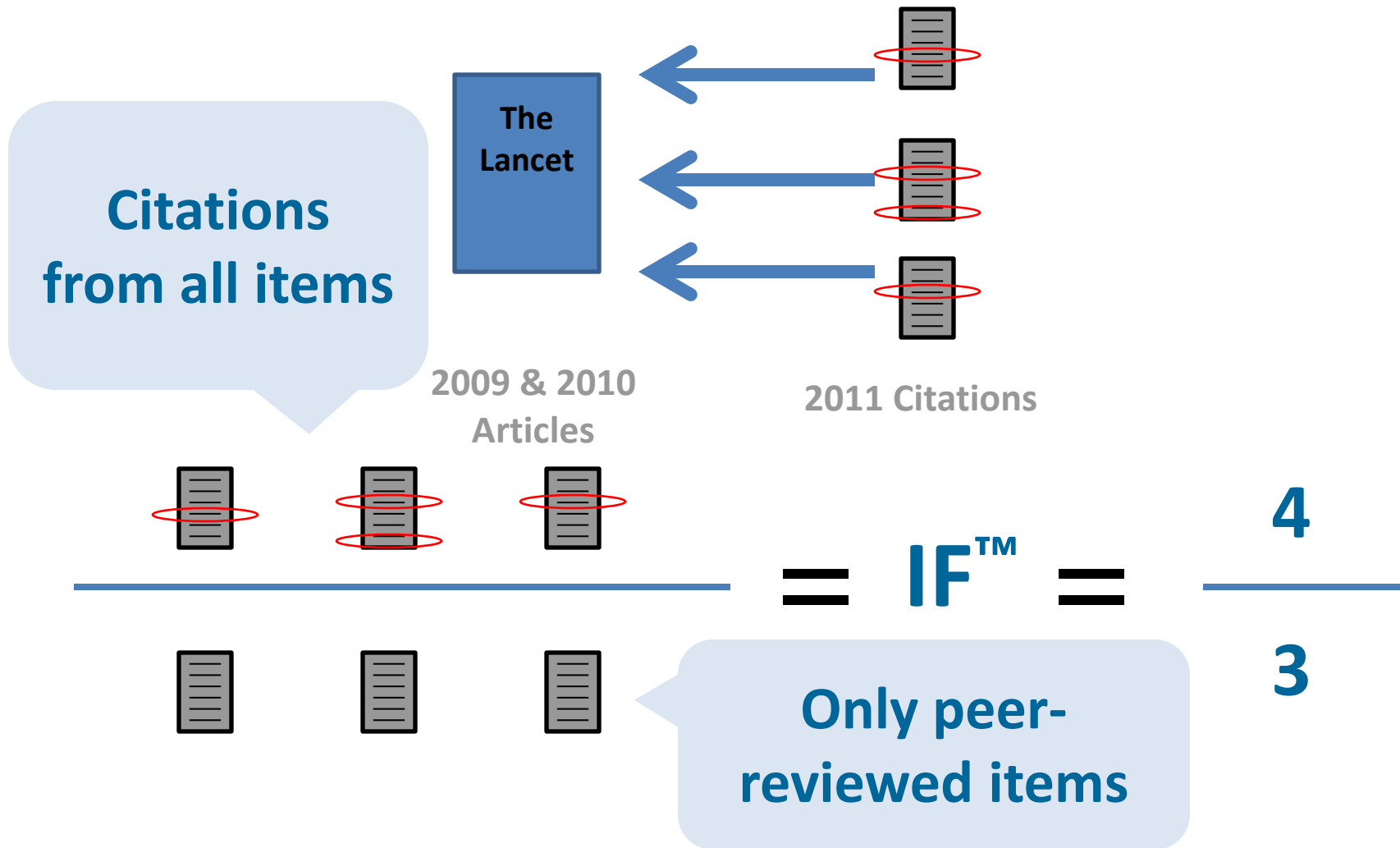
## Multiple Metrics. One Place.

Using the metrics in the Journal Analyzer, Librarians and Researchers can objectively assess all of the journals which are indexed in Scopus to make informed decisions on collection development and article submissions.

- **SJR**
- **SNIP**
- **Documents**
- **Percent Review**
- **Percent not cited**
- **Number of citations**



# Impact Factor™



## SNIP: Balancing the scales

Created by Professor Henk Moed at CTWS, University of Leiden, Source-Normalized Impact per Paper (SNIP) measures contextual citation impact by weighting citations based on the total number of citations in given subject field. The impact of a single citation is given a higher value in subject areas where citations are less likely, and vice versa.

### About SNIP

- Measures contextual citation impact by 'normalizing' citation values
- Takes a research field's citation frequency into account
- Considers immediacy - how quickly a paper is likely to have an impact in a given field
- Accounts for how well the field is covered by the underlying database
- Calculates without use of a journal's subject classification to avoid delimitation

## SJR: The power of prestige

Developed by Professor Félix de Moya, SCImago Journal Rank (SJR) is a prestige metric based on the idea that 'all citations are not created equal'. With SJR, the subject field, quality and reputation of the journal has a direct impact on the value of a citation. This means that a citation from a source with a relatively high SJR is worth more than a citation from a source with a lower SJR.

### About SJR

- Is weighted by the prestige of the journal, thereby 'leveling the playing field' among journals.
- Eliminates manipulation: the only way to raise the SJR ranking is to be published in more reputable journals.
- 'Shares' a journal's prestige equally over the total number of citations in that journal.

# Bibliometrics

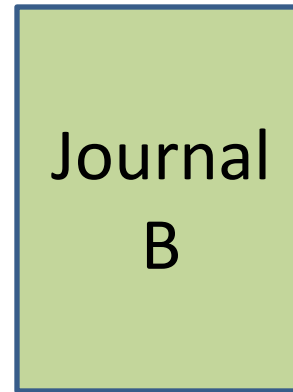
	Impact Factor™	SNIP & SJR
Metric	1 <sup>st</sup> Generation	2 <sup>nd</sup> & 3 <sup>rd</sup> Generation
Equation	Concealed	Transparent
Coverage	10,000	19,500
Citation Window	2 & 5 years	3 years

# SNIP – “Balancing the Scales”



100 Citations

Biomedical Engineering



50 Citations

Social Science

## SNIP Normalization:

Life Sciences – high impact and high citation potential

Social Science – low impact and low citation potential

- **SNIP** normalizes for different citation patterns within subject areas, allowing for comparison between Journal A and Journal B
- When using **SNIP** you can be sure that differences are due to *journal quality* and not subject area citation behaviour



# SNIP Key takeaways

- Ability to compare titles from different subject fields
- Only uses peer-reviewed items when calculating impact

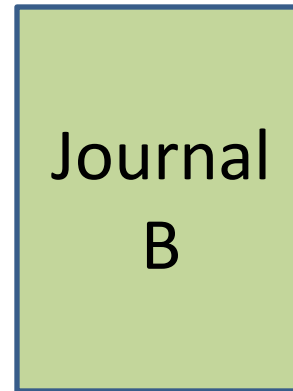
# SJR – “The power of prestige”

Journal A will have a higher SJR than Journal B



100 Citations

High Prestige Titles



100 Citations


Low Prestige Titles

- Impact Factor is a metric measuring popularity summing up all citations a journal receives regardless of the status of the citing journal
- When calculating the SJR quality and reputation of a citing journal has a direct effect on the value of citations

# SJR Key takeaways

- Identifies a Journal's intricate citation networks
- Aims to limit excessive benefits derived from self citation by discounting journal self-citations once they exceed  $1/3$  of the total citations received by a journal

# SJR Journal Ranking (Chemistry)



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Journal & Country  
Rank

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Journal Rankings

Journal Search

Country Rankings

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## Journal Rankings

Ranking Parameters

Subject Area:


Subject Category:

Country:  Year:









Order By:


Display journals with at least:

Subject Area: Chemistry.  
Year: 2011.


 [Download data in MS Excel format \(118 Kb\)](#)

1 - 50 of 537 << First | < Previous | Next > | Last >>


	Title	SJR	H index	Total Docs. (2011)	Total Docs. (3years)	Total Refs.	Total Cites (3years)	Citable Docs. (3years)	Cites / Doc. (2years)	Ref. / Doc.	Country
1	<a href="#">Chemical Reviews</a>	15,866	382	207	560	69.169	21.856	528	39,73	334,15	
2	<a href="#">Chemical Society Reviews</a>	10,904	179	321	718	42.147	19.904	700	28,32	131,30	
3	<a href="#">Accounts of Chemical Research</a>	9,946	220	142	509	7.258	11.542	494	19,64	51,11	
4	<a href="#">Nano Letters</a>	8,099	219	973	2.510	33.728	34.407	2.476	13,43	34,66	
5	<a href="#">Nature Chemistry</a>	6,137	48	235	469	6.027	4.582	334	13,72	25,65	
6	<a href="#">Annual Review of Physical Chemistry</a>	5,878	99	31	77	3.469	1.033	76	13,87	111,90	
7	<a href="#">Aldrichimica Acta</a>	5,485	44	6	25	648	208	20	11,17	108,00	
8	<a href="#">Angewandte Chemie - International Edition</a>	4,927	285	2.143	5.328	113.541	57.175	5.125	10,55	52,98	
9	<a href="#">Journal of the American Chemical Society</a>	4,442	322	3.230	9.886	158.966	98.033	9.695	9,90	49,22	

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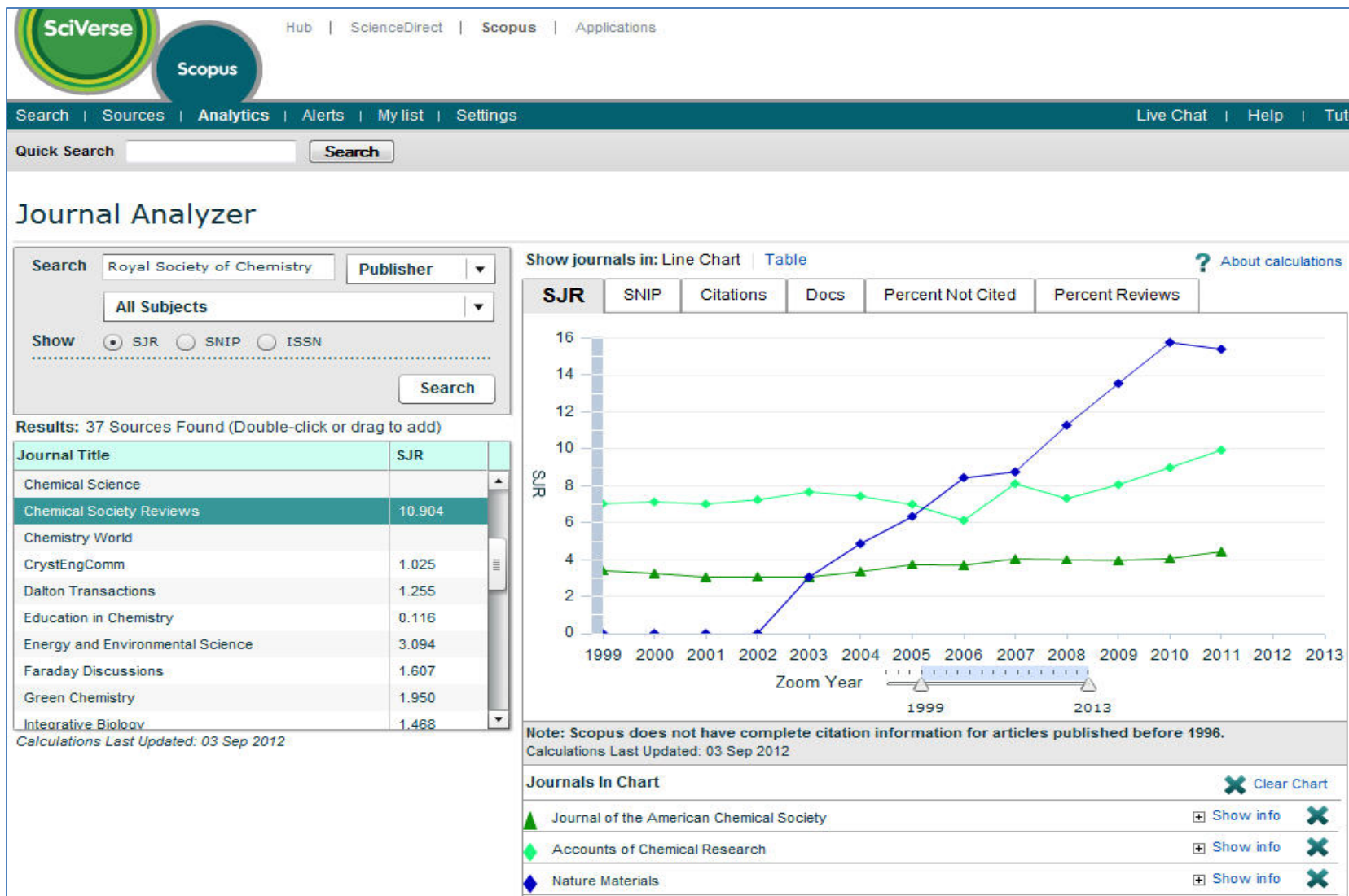
SJR is developed by:



Powered by



# SJR (Chemistry)



# The Challenge: Scholarly Name Ambiguity

Many researchers that too closely resemble one another.



**Dr. Smith Dr. Smith Dr. Smith**

Researchers publish under name variations.



**Dr. Smith  
Dr. J. Smith  
Dr. James Smith**

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Scopus Author/Affiliation Profiles

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E.g., smith

**Initials or First Name**  
  
E.g., j.l.

Show exact matches only

**Affiliation**  
  
E.g., university of toronto

**Search**

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Author results: 2 1 of 1

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	Authors	Documents	Subject Area	Affiliation	City	Country
<input type="checkbox"/>	<b>Baykousheva, Svetla P.</b> 1 Baykousheva, Svetla Baykousheva, S. P. Baykousheva Sv., Svetla	16 <a href="#">Show Last Title</a>	Biochemistry, Genetics and Molecular Biology ; Medicine ; Immunology and Microbiology, ...	University of Maryland	College Park	United States
<input type="checkbox"/>	<b>Baykoucheva, Svetla</b> 2 Baykoucheva, S.	4 <a href="#">Show Last Title</a>	Social Sciences ; Chemical Engineering ; Engineering, ...	University of Maryland	College Park	United States

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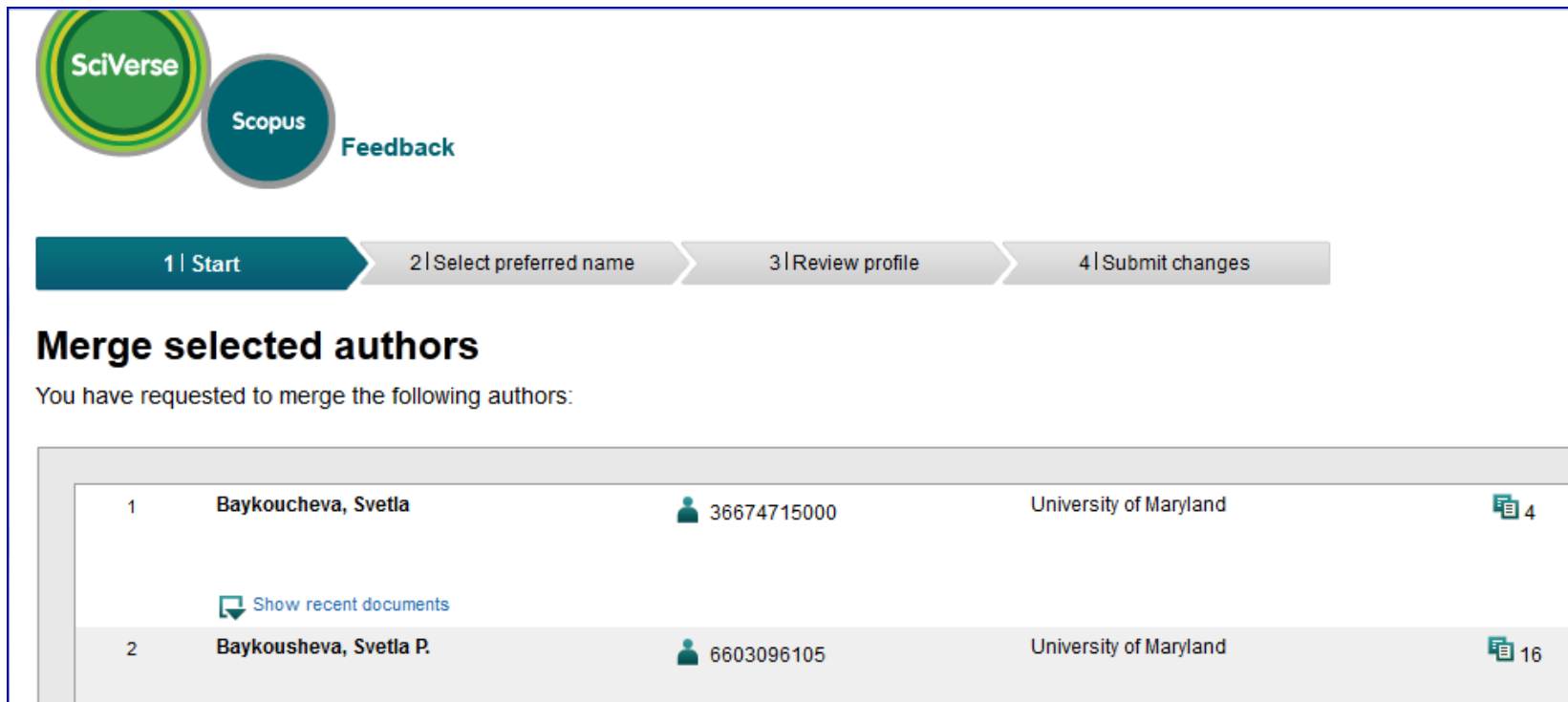
- Acta Microbiologica Bulgarica (1) >
- Acta Microbiologica Virulogica Et Immunologica (1) >
- Cancer Letters (1) >
- Chemical Innovation (1) >
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# Select the author profiles you'd like to merge and launch the Feedback Wizard



The screenshot displays the SciVerse Scopus Feedback interface. At the top left, there are two circular logos: a green one for SciVerse and a dark teal one for Scopus. Below the Scopus logo is the word "Feedback". A horizontal progress bar consists of four steps: "1 | Start" (highlighted in dark teal), "2 | Select preferred name", "3 | Review profile", and "4 | Submit changes".

## Merge selected authors

You have requested to merge the following authors:

1	Baykoucheva, Svetla	 36674715000	University of Maryland	 4
<a href="#">Show recent documents</a>				
2	Baykousheva, Svetla P.	 6603096105	University of Maryland	 16

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## ORCID Mission:

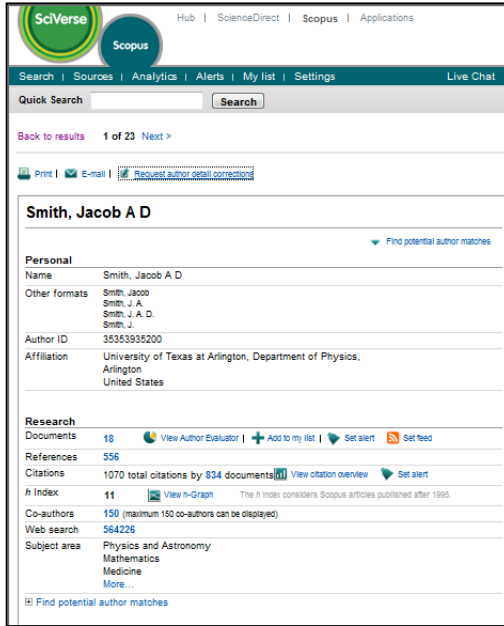
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Other formats Smith, Jacob  
Smith, J. A.  
Smith, J. A. D.  
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Author ID 3535985200

Affiliation University of Texas at Arlington, Department of Physics,  
Arlington,  
United States

**Research**

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Citations 1070 total citations by 834 documents [View citation overview](#) | [Set alert](#)

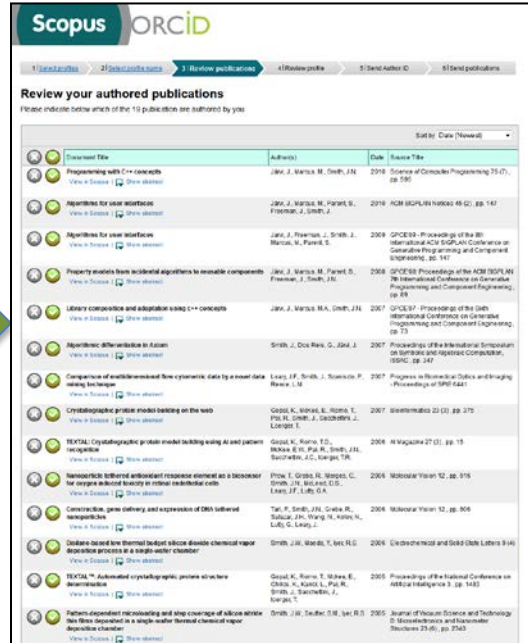
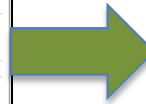
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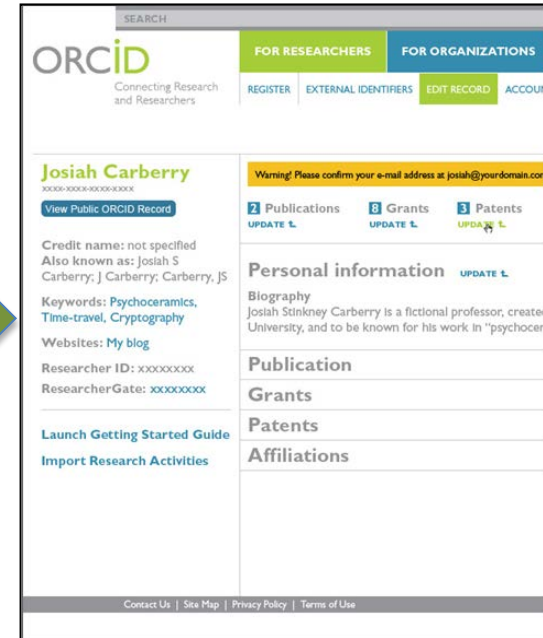
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### Review your authored publications

Please indicate below which of the 10 publications are authored by you.

Document Title	Author(s)	Date	Source Title
Programming with C++ concepts	Jakob J. Warkus, M. Smith, J.M.	2018	Science of Computers Programming 73(7), pp. 595
Algorithms for user interfaces	Jakob J. Warkus, M. Farrell, S. Freeman, J. Smith, J.	2019	ACM SIGPLAN Notices 48 (2), pp. 147
Algorithms for user interfaces	Jakob J. Warkus, J. Smith, J. Warkus, M. Farrell, S.	2018	GPCE 18 - Proceedings of the 18th International ACM SIGPLAN Conference on Generalized Programming and Compiler Engineering, pp. 107
Property models from incremental algorithms to reusable components	Jakob J. Warkus, M. Farrell, S. Freeman, J. Smith, J.M.	2018	GPCE 18 - Proceedings of the 18th International Conference on Generalized Programming and Compiler Engineering, pp. 89
Library construction and adaptation using C++ concepts	Jakob J. Warkus, M.A. Smith, J.M.	2017	GPCE 17 - Proceedings of the 17th International Conference on Generalized Programming and Compiler Engineering, pp. 73
Algorithms for user interfaces	Smith, J., Doe, R., G., J., J.	2017	Proceedings of the International Symposium on Software and Systems Engineering, ISSE, pp. 147
Competition of multi-dimensional flow systems data by a novel data mining technique	Leung, J.F., Smith, J., Scopus, P., Bawa, L.S.	2017	Progress in Numerical Analysis and Imaging - Proceedings of INAI 2017
Cryptographic primitive model building using AI and pattern recognition	Gopal, N., Warkus, M., Smith, J., P., R., Smith, J., Scopus, P., Leung, J.	2018	Mathematics 22 (2), pp. 375
REXTEL: Cryptographic primitive model building using AI and pattern recognition	Gopal, N., Warkus, M., Smith, J., P., R., Smith, J., Scopus, P., Leung, J.	2018	AI Magazine 27 (3), pp. 15
Nonreversible self-organized criticality response element as a biosensor for organo-sulfur toxicity in natural microbial cells	How, I., Grubb, R., Warkus, M., Smith, J., Scopus, P., Leung, J., Smith, J.	2018	Molecular System 12, pp. 316
Construction, gene delivery, and expression of OMS lentiviral nanoparticles	Tan, F., Smith, J.M., Grubb, R., Wang, H., Warkus, M., Leung, J., Smith, J.	2018	Molecular System 12, pp. 306
Durable benzene-free thermal liquid silicon dioxide chemical vapor deposition process in a single-wafer chamber	Smith, J.M., Warkus, M., Lee, H.S.	2015	Chemistry of Materials and Solid State Letters 9 (4)
REXTEL™ Automated cryptographic primitive model building	Gopal, N., Warkus, M., Smith, J., P., R., Smith, J., Scopus, P., Leung, J.	2018	Proceedings of the National Conference on Artificial Intelligence 3, pp. 1433
Pattern-dependent microfluidic and chip coverage of silicon dioxide thin films deposited in a single-wafer thermal chemical vapor deposition chamber	Smith, J.M., Tan, F., Lee, H.S.	2015	Journal of Microelectronic Science and Technology 2 (Microelectronics and Nanometer Structures 25 (6)), pp. 7343



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Credit name: not specified  
Also known as: Josiah S Carberry; J Carberry; Carberry, JS

Keywords: Psychoceramics, Time-travel, Cryptography

Websites: My blog

Researcher ID: xxxxxxxx  
ResearcherGate: xxxxxxxx

[Launch Getting Started Guide](#)  
[Import Research Activities](#)

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### Personal information

[UPDATE L](#)

Biography  
Josiah Stinkney Carberry is a fictional professor, created University, and to be known for his work in "psychoceramics".

### Publication

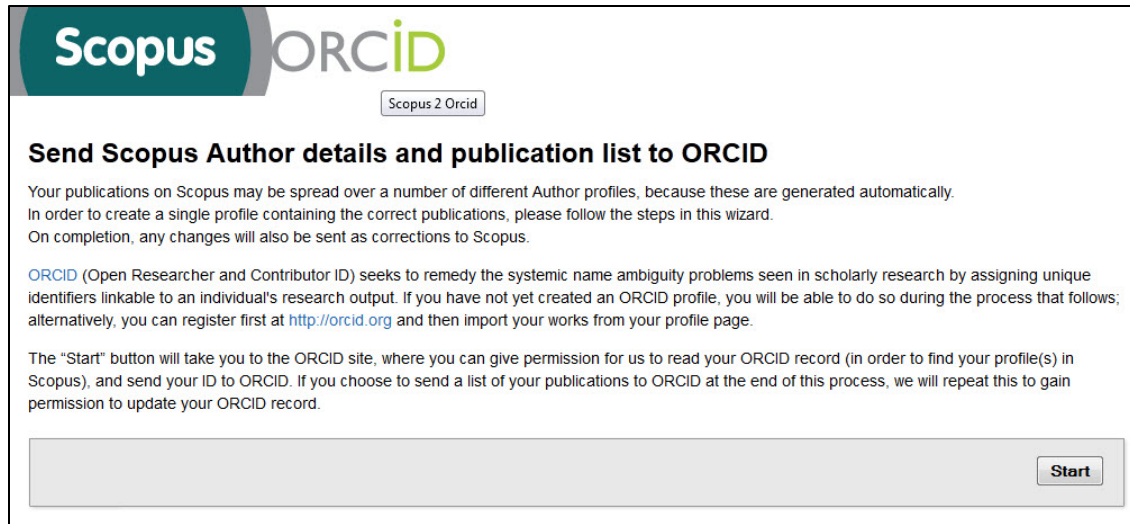
### Grants

### Patents

### Affiliations

Enter via Scopus2ORCID Wizard or from ORCID!

# Scopus2ORCID: Benefits



The screenshot shows the Scopus2ORCID wizard interface. At the top left, there is a logo with 'Scopus' in white on a dark green background and 'ORCID' in green. Below the logo is a small button labeled 'Scopus 2 Orcid'. The main heading is 'Send Scopus Author details and publication list to ORCID'. Below this, there is explanatory text: 'Your publications on Scopus may be spread over a number of different Author profiles, because these are generated automatically. In order to create a single profile containing the correct publications, please follow the steps in this wizard. On completion, any changes will also be sent as corrections to Scopus.' This is followed by a paragraph about ORCID: 'ORCID (Open Researcher and Contributor ID) seeks to remedy the systemic name ambiguity problems seen in scholarly research by assigning unique identifiers linkable to an individual's research output. If you have not yet created an ORCID profile, you will be able to do so during the process that follows; alternatively, you can register first at <http://orcid.org> and then import your works from your profile page.' The final paragraph explains the 'Start' button: 'The "Start" button will take you to the ORCID site, where you can give permission for us to read your ORCID record (in order to find your profile(s) in Scopus), and send your ID to ORCID. If you choose to send a list of your publications to ORCID at the end of this process, we will repeat this to gain permission to update your ORCID record.' At the bottom right of the wizard area is a 'Start' button.

## Save Time

Importing your authors' information from Scopus is faster and more accurate than manually entering information in ORCID.

## Improve Your Researchers' Scopus Author Profiles

Changes made while using the wizard will be processed in Scopus Author Profiles (approximate time: 8 weeks)

# Scopus Tools & Features

- Scopus Profiles Feedback Wizard & ORCID
- **Citation Tracker in Scopus**
- Author Evaluator Tool

# Select Show Documents

## Make Author Selection

Author Last Name

E.g., smith

Initials or First Name

E.g., j.l.

Show exact matches only

Affiliation

E.g., university of toronto

Search

To determine which author names should be grouped together under a single identifier number, the Scopus Author Identifier uses an algorithm that matches author names based on their affiliation, address, subject area, source title, dates of publication, citations, and co-authors. Documents with insufficient data may not be matched, this can lead to more than one entry in the results list for the same author. By default, only details pages matched to more than one document in Scopus are shown in search results. [About Scopus Author Identifier](#)

## Author results: 2

1 of 1

All  Page  with selected:  
[Show documents](#) | [View citation overview](#) | [Request to merge authors](#)

Sort by

	Authors	Documents	View a citation overview of the selected authors	City	Country
<input checked="" type="checkbox"/>	<b>Baykousheva, Svetla P.</b> 1 Baykousheva, Svetla Baykousheva, S. P. Baykousheva Sv., Svetla	16 <a href="#">Show Last Title</a>	Biochemistry, Genetics and Molecular Biology ; Medicine ; Immunology and Microbiology; ...	University of Maryland College Park	United States
<input checked="" type="checkbox"/>	<b>Baykoucheva, Svetla</b> 2 Baykoucheva, S.	4 <a href="#">Show Last Title</a>	Social Sciences ; Chemical Engineering ; Engineering; ...	University of Maryland College Park	United States

### Refine results

Limit to

Exclude

### Source Title

- Acta Microbiologica Bulgarica (1) >
- Acta Microbiologica Virulogica Et Immunologica (1) >
- Cancer Letters (1) >
- Chemical Innovation (1) >
- FEBS Letters (1) >

[View more](#)

# Analyze Citations Received for the Selected Group of Documents

## Citation overview

### Citations received since 1996

This is a citation overview for a set of 20 documents.

#### Overview options Hide

Exclude from citation overview:  Self citations of all authors

Sort documents: Citations descending      Date range: 2011 to 2013

**Update Overview**

<b>20 Cited Documents</b> Save list		Citations							
		<2011	2011	2012	2013	Subtotal	>2013	Total	
	Delete	<b>Total</b>	282	18	19	1	38	0	320
1	<input type="checkbox"/> 1995 Reevaluation of the pathways for...		207	15	15	1	<b>31</b>		<b>238</b>
2	<input type="checkbox"/> 1995 Double bond removal from odd-num...		31				<b>0</b>		<b>31</b>
3	<input type="checkbox"/> 1995 Peroxisomal-mitochondrial communica...		17		1		<b>1</b>		<b>18</b>
4	<input type="checkbox"/> 1994 Arachidonic acid formed by perox...		13				<b>0</b>		<b>13</b>

# Scopus Tools & Features

- Scopus Profiles Feedback Wizard & ORCID
- Citation Tracker in Scopus
- **Author Evaluator Tool**



# Select author name to open Author Profile

## Make Author Selection

**Author Last Name**  
Baykoucheva  
E.g., smith

**Initials or First Name**  
E.g., J.L.

Show exact matches only

**Affiliation**  
E.g., university of toronto

**Search**

To determine which author names should be grouped together under a single identifier number, the Scopus Author Identifier uses an algorithm that matches author names based on their affiliation, address, subject area, source title, dates of publication, citations, and co-authors. Documents with insufficient data may not be matched, this can lead to more than one entry in the results list for the same author. By default, only details pages matched to more than one document in Scopus are shown in search results. [About Scopus Author Identifier](#)

### Author results: 2

1 of 1

Refine results  
**Limit to** **Exclude**

Source Title  
 Acta Microbiologica Bulgarica (1)  
 Acta Microbiologica Virulologica Et Immunologica (1)  
 Cancer Letters (1)  
 Chemical Innovation (1)  
 FEBS Letters (1)  
[View more](#)

All With selected:  
 Page [Show documents](#) [View citation overview](#) [Request to merge authors](#)

Sort by **Document Count (Descending)**

Authors	Documents	View a citation overview of the selected authors	Citation	City	Country
<input checked="" type="checkbox"/> 1 <b>Baykousheva, Svetla P.</b> Baykousheva, Svetla Baykousheva, S. P. Baykousheva Sv., Svetla	16 <a href="#">Show Last Title</a>	Biochemistry, Genetics and Molecular Biology ; Medicine ; Immunology and Microbiology, ...	University of Maryland	College Park	United States
<input checked="" type="checkbox"/> 2 <b>Baykoucheva, Svetla</b> Baykoucheva, S.	4 <a href="#">Show Last Title</a>	Social Sciences ; Chemical Engineering ; Engineering, ...	University of Maryland	College Park	United States

# Choose “find potential author matches” to group both profiles in real time








## Baykousheva, Svetla P.

▼ Find potential author matches

### Personal

Name	Baykousheva, Svetla P.	
Other formats	Baykousheva, Svetla Baykousheva, S. P. Baykousheva Sv.	Baykousheva, S.
Author ID	6603096105	
Affiliation	University of Maryland, White Memorial Chemistry Library, College Park United States	

### Research

Documents	16	 <a href="#">View Author Evaluator</a>    <a href="#">Add to my list</a>    <a href="#">Set alert</a>    <a href="#">Set feed</a>
References	0	
Citations	318 total citations by 283 documents	 <a href="#">View citation overview</a>    <a href="#">Set alert</a>
<i>h</i> Index	1	 <a href="#">View h-Graph</a> The <i>h</i> Index considers Scopus articles published after 1995.
Co-authors	13	
Web search	10	
Subject area	Biochemistry, Genetics and Molecular Biology Medicine Immunology and Microbiology <a href="#">More...</a>	

 [Find potential author matches](#)

### History

Publication range	1977-2008	
Source history	Prostaglandins Leukotrienes and Essential Fatty Acids	 <a href="#">View documents</a>
	Journal of Chromatography A	 <a href="#">View documents</a>
	Zeitschrift fur Allgemeine Mikrobiologie	 <a href="#">View documents</a>

# Author Profile recalculates author stats based on grouped profiles

Baykousheva, Svetla P.	
<a href="#">▼ Find potential author matches</a>	
<b>Personal</b>	
Name	Baykousheva, Svetla P.
Other formats	Baykousheva, Svetla Baykousheva, S. P. Baykousheva Sv. <span style="float: right;">Baykousheva, S.</span>
Author ID	6603096105
Affiliation	University of Maryland, White Memorial Chemistry Library, College Park United States
<b>Research</b>	
	Baykousheva, Svetla P. <span style="float: right;">Total including 1 grouped author</span>
Documents	16 <a href="#">View Author Evaluator</a> <a href="#">+</a> Add to my list   <a href="#">📧 Set alert</a> <span style="float: right;">20  <a href="#">View Author Evaluator</a> <a href="#">+</a> Add to my list   <a href="#">📧 Set alert</a></span>
References	0 <span style="float: right;">60</span>
Citations	318 total citations by 283 documents <span style="float: right;">320 total citations by 284 documents</span> <a href="#">📊 View citation overview</a>   <a href="#">📧 Set alert</a> <span style="float: right;"><a href="#">📊 View citation overview</a>   <a href="#">📧 Set alert</a></span>
<i>h</i> Index	1 <a href="#">📈 View h-Graph</a> <span style="float: right;">2 <a href="#">📈 View h-Graph</a></span> <small>The <i>h</i> Index considers Scopus articles published after 1995.</small>
Co-authors	13 <span style="float: right;">13</span>
Web search	10 <span style="float: right;">361</span>
Subject area	Biochemistry, Genetics and Molecular Biology Medicine Immunology and Microbiology <a href="#">More...</a>
Grouped authors	<input checked="" type="checkbox"/> <b>You have grouped 1 potential author matches with Baykousheva, Svetla P.</b> To store this group in Settings, click <b>Save group</b> .

# Altmetrics

[www.altmetrics.org](http://www.altmetrics.org)

*“...the creation and study of new metrics based on the Social Web for analyzing and informing scholarship”*

Takes into account a new environment:

- Sharing of “raw science” like datasets, code, and experimental designs
- Semantic publishing or “nanopublication,” where the citeable unit is an argument or passage rather than entire article.
- Widespread self-publishing via blogging, microblogging, and comments or annotations on existing work.

# Google Scholar Metrics

- Uses the Google's PageRank algorithm
- Uses the h-index to calculate the impact of journals
- One of the main advantages of Google Scholar is that it is more comprehensive in its scope than Thomson Reuters' Web of Science
- The h-index was created to evaluate individual scholar's impact; not reliable for journals