

INFORUM – 24 May 2006 Scopus – new features & functionalities

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Agenda

- What is Scopus?
- What's new?
 - Author Identifier

 The Hirsch-index or measuring scientific output

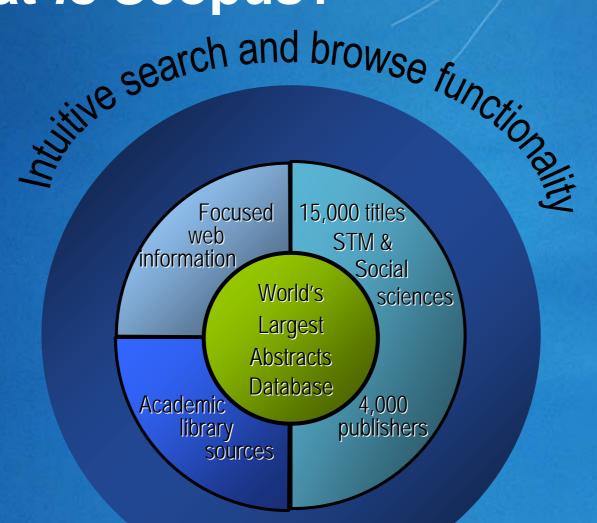


What is Scopus?

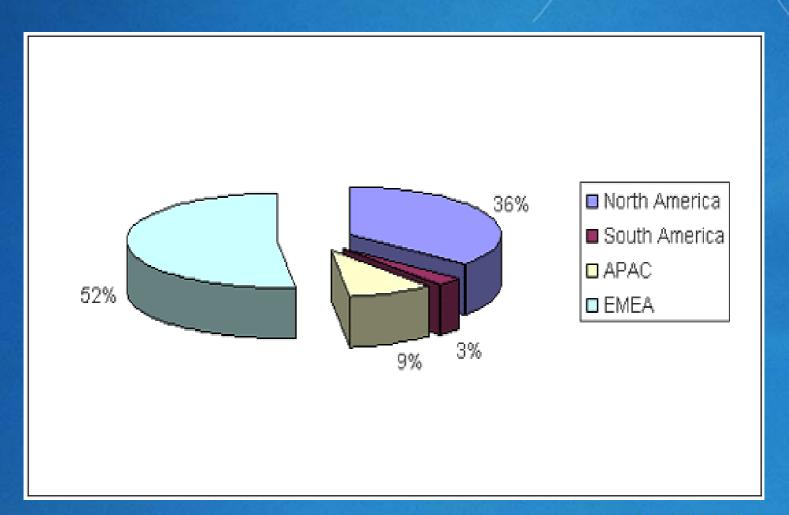
- Search and navigation tool across scientific literature
- > The world's largest abstract & citation database
- Covering 15,000 titles, from 4000 publishers
- Simultaneous web search of 180 Million scientific web pages (including patent information)
- Entitled full-text in one click
- Specialized Author search
- Advanced library integration and personalisation features



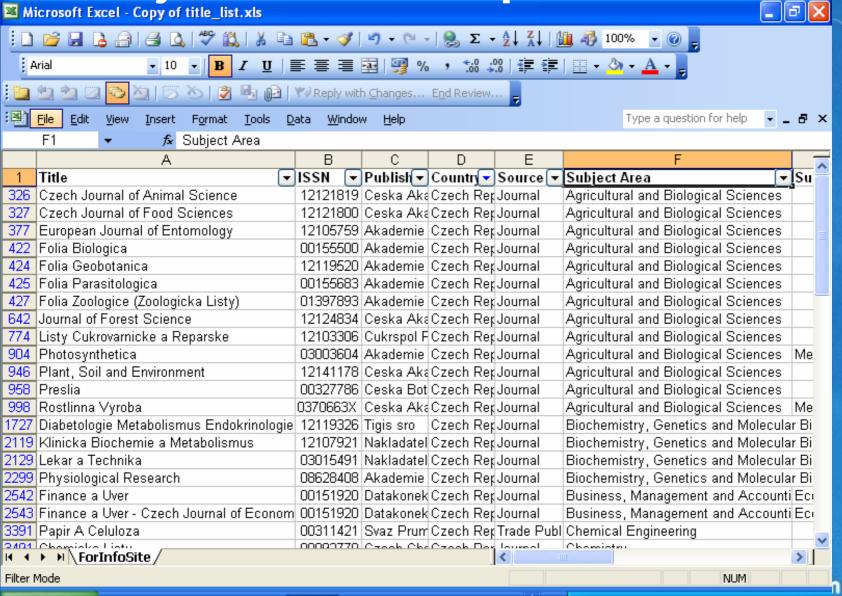
What is Scopus?



Broadest geographical coverage



Czech journals in Scopus -76 titles



🎳 start



What's new?

- Author Identifier
- Exclusion of self-citations
- Launched on May 13th



The Problem

- Author searching in A&I Databases is hampered by two serious problems:
 - How to distinguish between an author's articles and those of another authors 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.)
- These problems can result in retrieving incomplete or inaccurate results.



Solving the Problem

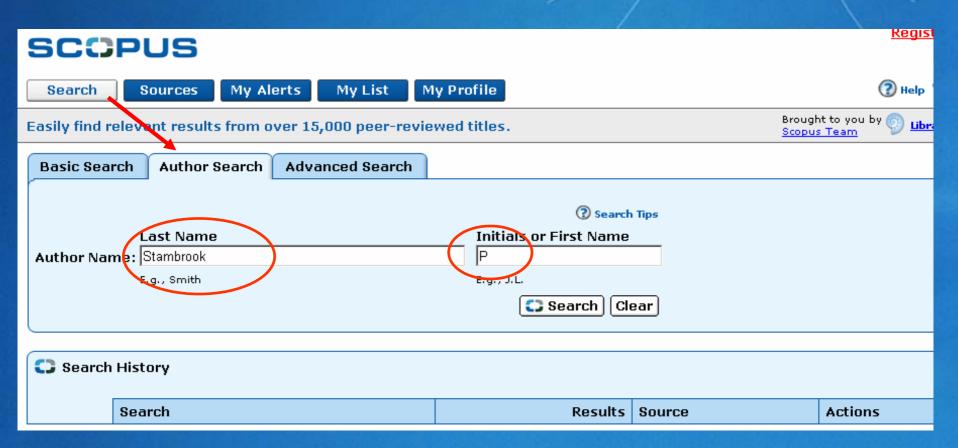
We have approached solving these problems by using the data available in the publication records such as...

- Author Names
- Affiliation
- Co-authors
- Self citations
- Source title
- Subject area

...and used this data to group articles that belong to a specific author.

So how does Author Identifier work?

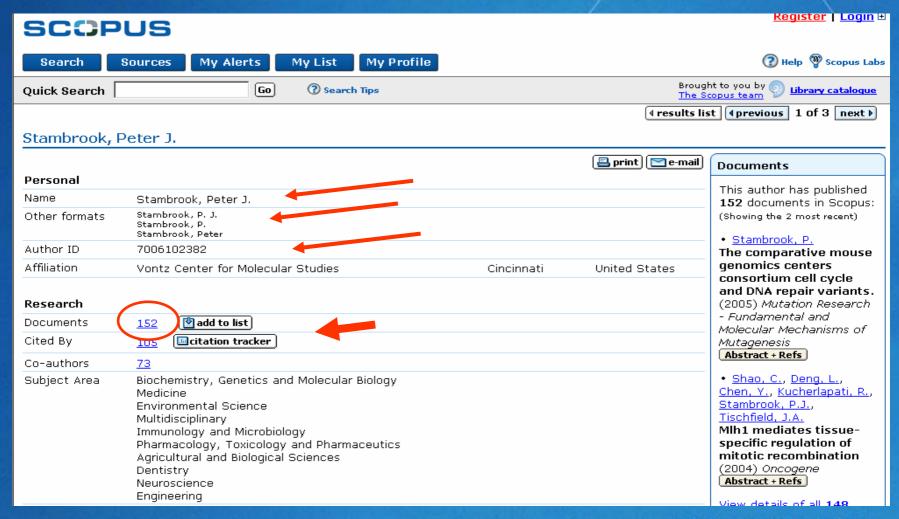
Use the Author Search to find an author of interest



An author results list is displayed, showing preferred author name and the name variants

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1. Stambrook, P.	D±	Medicine	Division	ory of Functional Genomics, of Molecular Medicine, Rudjer c Institute, Zagreb, Croatia
2. Stambrook, P. S.	01	Biochemistry, Genetics and Molecular Biology		
3. Stambrook, Peter J. Stambrook, P. J. Stambrook, P. Stambrook, P. Stambrook, Peter	□ 152 △ Details	Engineering; Neuroscience; Dentistry;		enter for Molecular Studies, ati, United States
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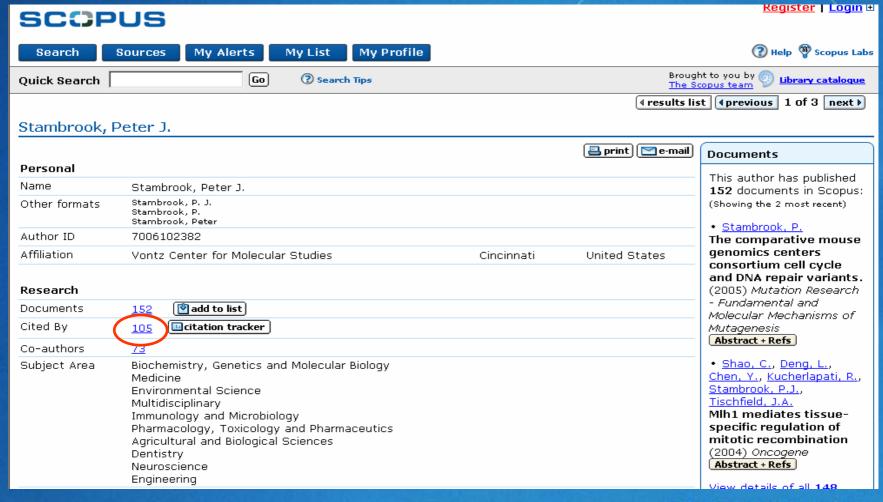
Author Details page Click "152" to view this author's documents



Results of author document search

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Source Title Cancer Research Proceedings of the States of America Laryngoscope (2)	e National Academy of Sciences of the United a (3)	Stambrook, P.J. (141) Tischfield, J.A. (8)		Document Type Article (148) Review (4)	Subject Area Biochemistry, Genetics and M Biology (18) Medicine (9) Multidisciplinary (3) More	olecular
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3. 🗌 2004	Major Histocompatibility Gene Therapy Haplotype and β2-Microglobulin Abstract + Refs	y: The Importance of		one, F.N., Gleich, i, YQ., Stambrook,	Laryngoscope 114 (4), pp. X612-615	0
4. 🗌 2000	Biallelic methylation and silencing of m kidney cells Abstract + Refs View at Publisher	nouse Aprt in normal	Simps J.A.,	J.A., Yates, P.A., on, J., Tischfield, Stambrook, P.J., r. M.S.	Cancer Research 60 (13), pp. 3404-3408	1
5. 🗌 2000	Chromosome instability contributes to heterozygosity in mice lacking p53 Abstract + Refs View at Publisher	loss of	Hene	C., Deng, L., gariu, O., Liang, L., prook, P.J.,	Proceedings of the National Academy of Sciences of the United	3

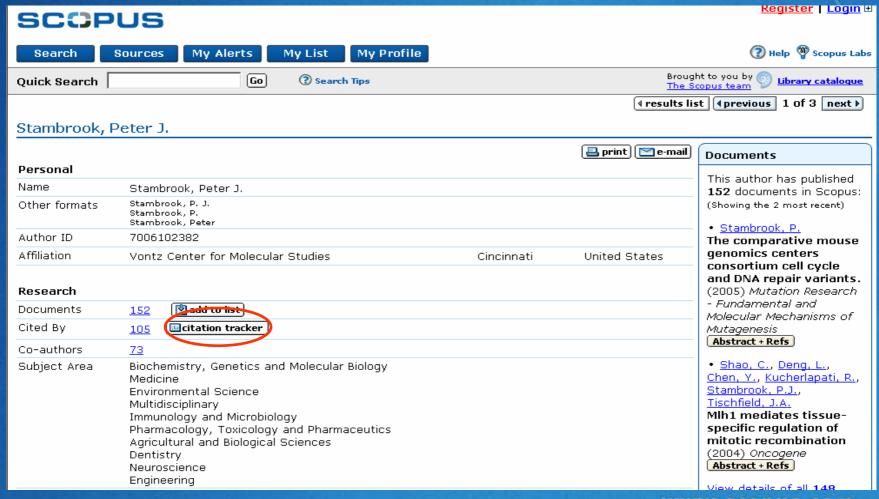
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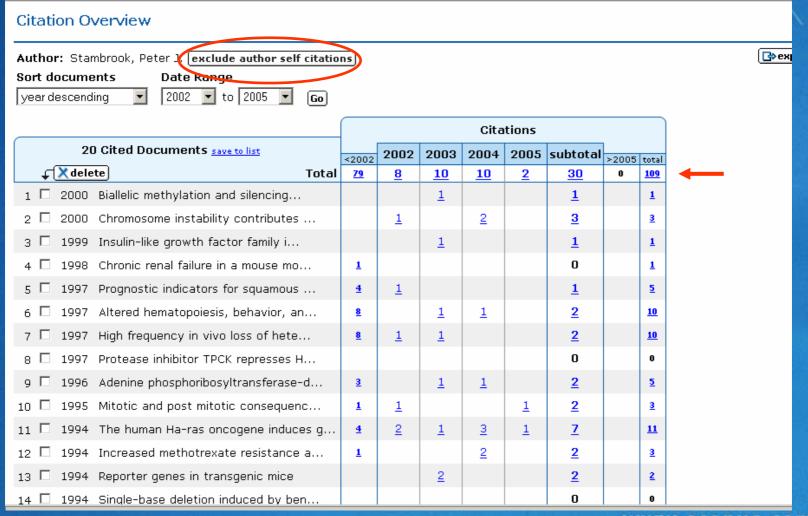
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105 Documents that cite "Stambrook, Peter J." 7							
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Gene Therapy (9)	Tischfield, J.A. (4)	2005 (1)	Article (93)	☐ Biochemistry, Genetics and Molecular Biology (73)			
Cancer Gene Therapy (7)	Stambrook, P.J. (4)	2004 (8)	Review (11)	☐ Medicine (44)			
☐ Human Gene Therapy (6)	Dobrovolsky, V.N. (3)	2003 (10)	Short Survey (1)	Pharmacology, Toxicology and Pharmaceutics (6)			
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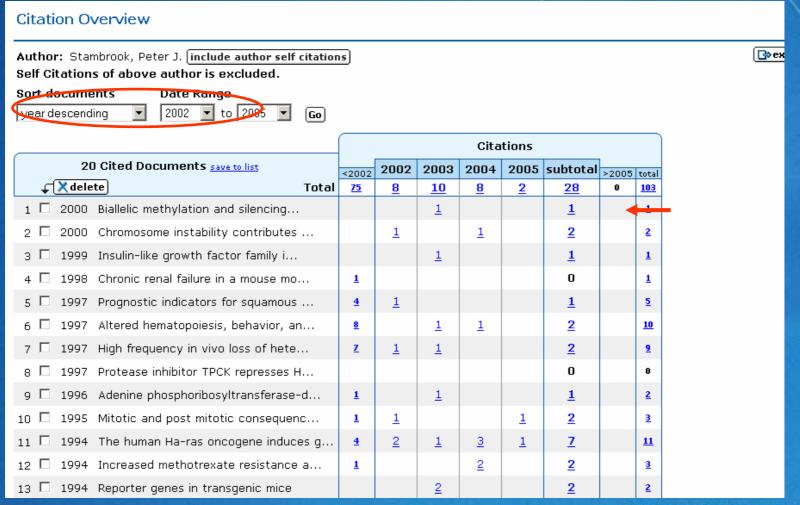




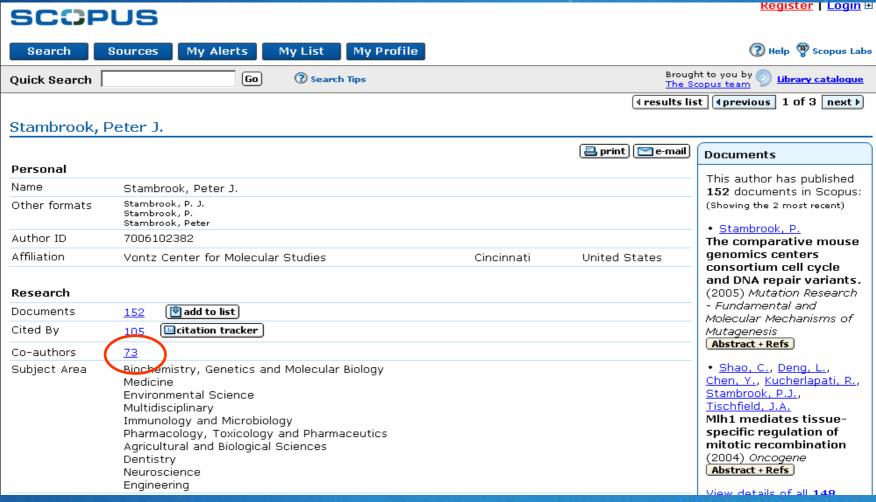
Citation Tracker Author Identifier offers 'exclude author self-citations'



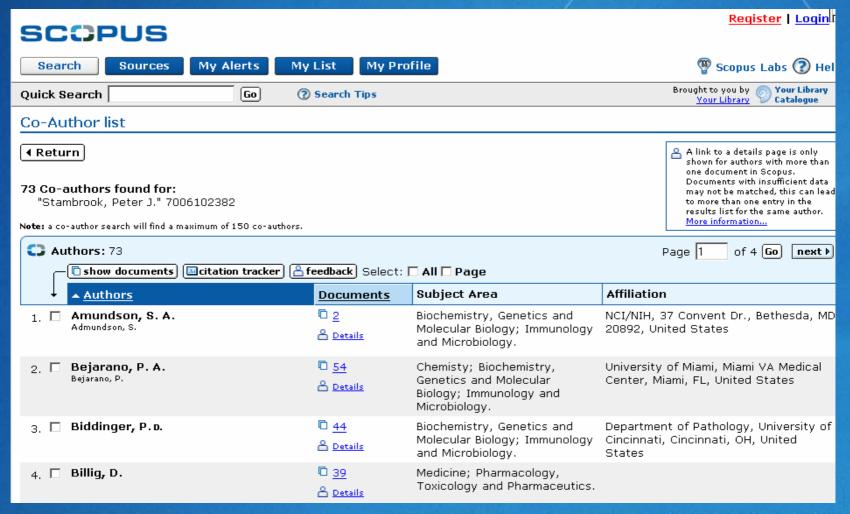
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 Click Co-authors "73" to view authors who have written with this author

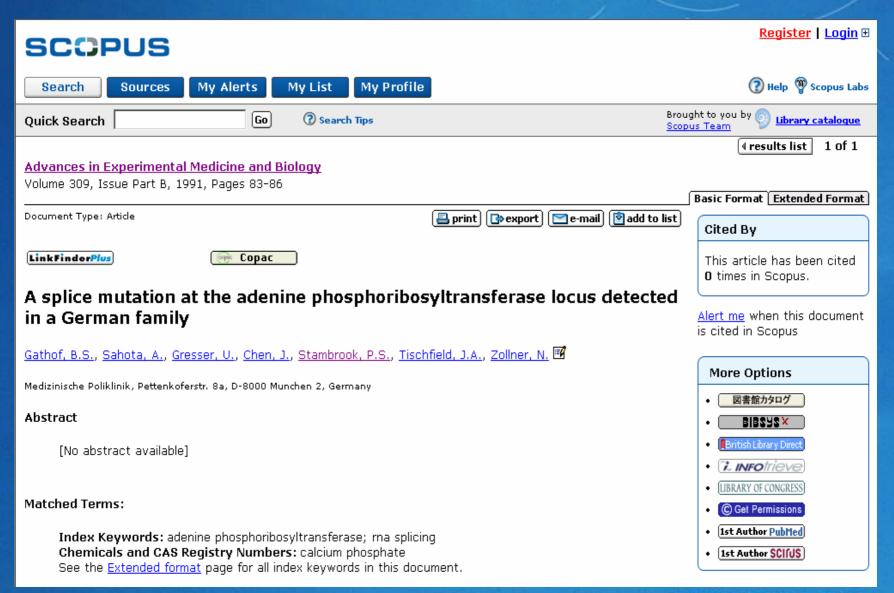


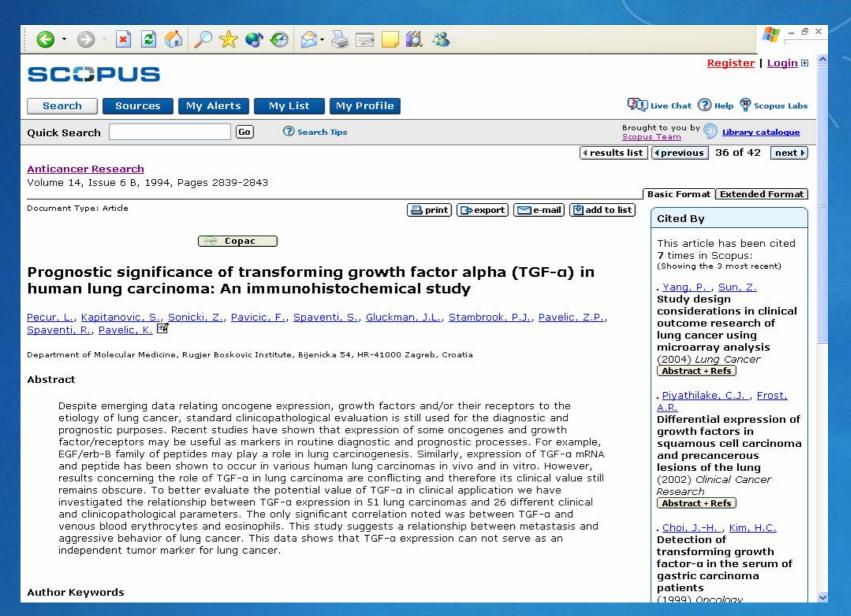
Here you can browse the co-authors of the original author



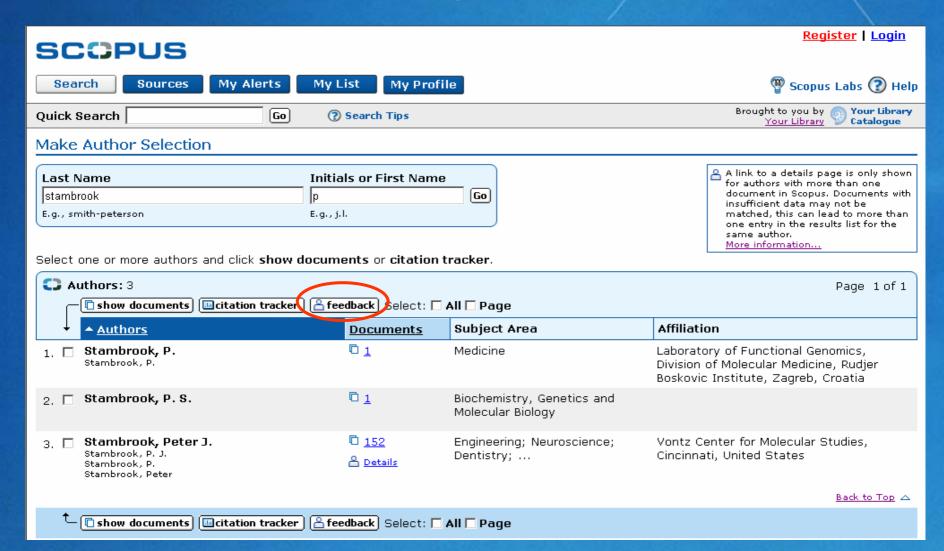
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Authors: 3] <mark>≗feedback</mark> Select: □	All □ Page	Page 1 of 1
▲ <u>Authors</u>	<u>Documents</u>	Subject Area	Affiliation
1. Stambrook, P. Stambrook, P.		Medicine	Laboratory of Functional Genomics, Division of Molecular Medicine, Rudjer Boskovic Institute, Zagreb, Croatia
2. Stambrook, P. S.		Biochemistry, Genetics and Molecular Biology	
3. Stambrook, Peter J. Stambrook, P. J. Stambrook, P. Stambrook, Peter	☐ <u>152</u> <mark>△ Details</mark>	Engineering; Neuroscience; Dentistry;	Vontz Center for Molecular Studies, Cincinnati, United States
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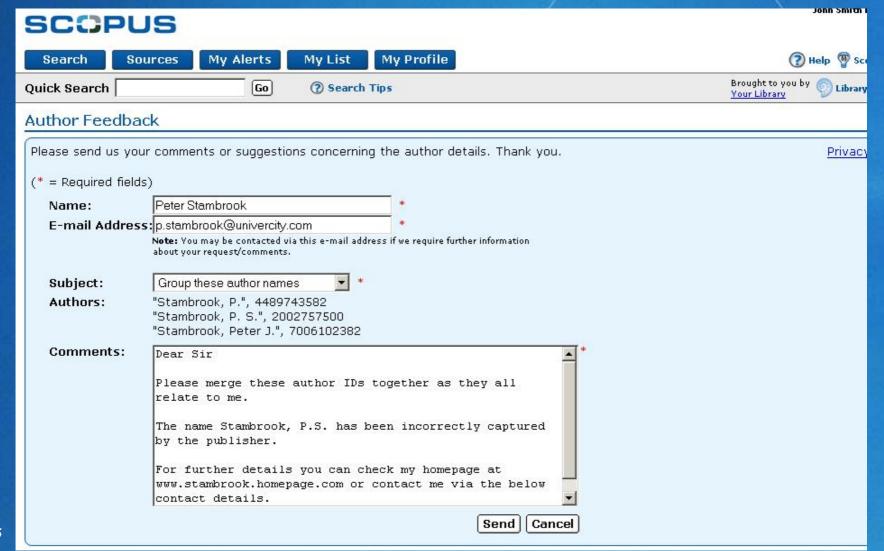




The Author Results page (and the author details page) includes a feedback option...



...authors can suggest amendments or updates to their own article information





In Summary

- Author Identifier discriminates between authors and their works with unprecedented accuracy
- As a result:
 - Search results are more accurate and complete
 - It's much easier to find and cite an author's work(s)
 - Users can quickly establish author relationships
- Scopus is unique among A&I products in offering this functionality over such a broad range of content

Citation Tracker and the H-index



Citation Tracker and the Hirsch Index

- the Hirsch or h-index is rapidly becoming viewed as an alternative measure to the impact factor
- Published by Jorge E. Hirsch in August 2005
- Popular with academic community
- Can be calculated easily using the Citation Tracker



The definition

'The h-index is the highest number of papers a scientist has that have at least that number of citations.' *Nature* (2005):



Calculating the H-index

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☐ Tijdschrift voor Economische en Sociale Geografie (2) ☐ Saviotti P P (2) ☐ 2004 (3						` '		
☐ Computers and Education (1) ☐ Trommetter M (2) ☐ 2003		2003 (3	3)		Agricultural and Biological S	ciences (1)		
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1. 1999 Variety and niche creation in airc motorcycles and microcomputer Abstract + Refs (View at Publisher)			Frenken, K., Saviott P.P., Trommetter, M		<i>esearch Policy</i> 28 (5), p. 469-488	<u>15</u>		
2. 2000 A complexity approach to innova of the aircraft industry (1909-19 Abstract + Refs (View at Publisher)		case	Frenken, K.		esearch Policy 29 (2), p. 257-272	11		
3. 2003 Evolutionary economics and indu Abstract + Refs	Evolutionary economics and industry location Abstract + Refs			Ri	ahrbuch fur egionalwissenschaft 23 2), pp. 183-200	<u>5</u>		
4. 2002 A new indicator of European inte to collaboration is scientific rese		ication	<u>Frenken, K.</u>	Re	conomic Systems esearch 14 (4), pp. 45-362	<u>5</u>		
5. 2000 Scaling trajectories in civil aircra [Abstract + Refs] [View at Publisher]			Frenken, K., Leydesi L.		<i>esearch Policy</i> 29 (3), p. 331-348	<u>5</u>		
6. 2004 R&D portfolios in environmentall propulsion: Variety, competition Abstract + Refs View at Publisher			Frenken <u>, K.,</u> Hekkert Godfroij, P.	Fo Ci	echnological orecasting and Social thange 71 (5), pp. 485- 07	4		
7. 2002 Europeanisation of science Abstract + Refs View at Publisher			Frenken, K.	E	ijdschrift voor conomische en Sociale 'eografie 93 (5), pp.	<u>1</u>		



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