

Elsevier Research Intelligence

Scopus 10th Anniversary: Imagine Tomorrow

Special Libraries Association – Vancouver, BC – June 8, 2014

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orcid.org/0000-0002-8860-7565



Empowering Knowledge







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http://10.scopus.com/

What content does Scopus include?

53.3M records from **21,912** serial titles and **30,000** books 21.3M pre 1996 records | 32.0M post 1995 records

- Content from > 5,000 publishers
- "Articles in Press" from > 3,750 titles
- Titles from 105 different countries in all geographical regions
- 40 "local" languages covered
- More than 2,800 Gold Open Access journals indexed



Scopus is ideal compared to other products because it has the broadest coverage of global, curated, relevant research, with smart, simple tools to help track, analyze and visualize research.

What content does Scopus include?

Physical Sciences 6,600

Health Sciences 6,300

Social Sciences 6,350

Life Sciences 4,050

JOURNALS

20,874 peer-reviewed journals367 trade journals

- Full metadata, abstracts and cited references (pre-1996)
- >2,800 fully Open Access titles
- Going back to 1823
- Funding data from acknowledgements

CONFERENCES

17k events5.5M records (10%)

Conf. expansion: 1,000 conferences 6,000 conf. events 400k conf. papers 5M citations

Mainly Engineering and Physical Sciences

BOOKS

421 book series

- 28K Volumes
- 925K items

29,917 books - 311K items

Books expansion: **75K** books by 2015

- Focus on Social Sciences and A&H

PATENTS

24M patents from 5 major patent offices

More on the CSAB...



- Titles are selected by the independent Content Selection & Advisory Board (CSAB)
- The CSAB is chosen for their expertise in specific subject areas; many will have previously been (Elsevier) **Editors**

How does Scopus choose serial content?

All titles should meet all minimum criteria in order to be considered for Scopus review:

Peer-review

English abstracts

Regular publication

Roman script references

Pub. ethics statement

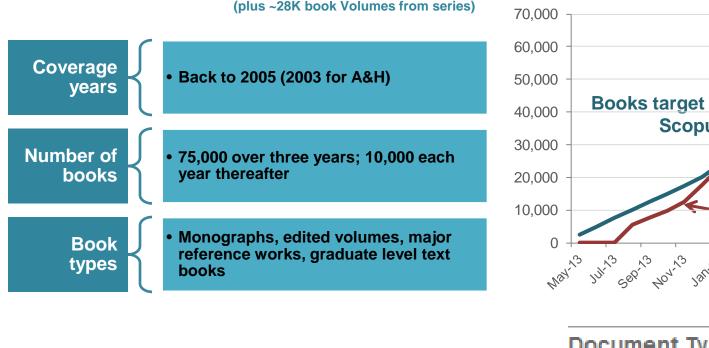
Eligible titles are reviewed by the Content Selection & Advisory Board according to a combination of 14 quantitative and qualitative selection criteria:

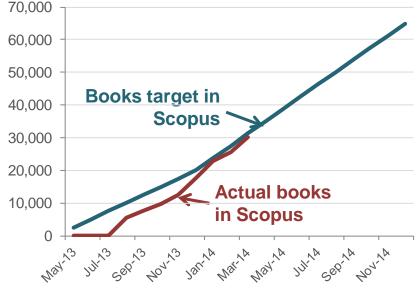
Journal Policy	Quality of Content	Journal Standing	Regularity	Online Availability
 Convincing editorial concept/policy Type of peer-review Diversity geographic distribution of editors Diversity geographic distribution of authors 	 Academic contribution to the field Clarity of abstracts Quality and conformity with stated aims & scope Readability of articles 	 Citedness of journal articles in Scopus Editor standing 	No delay in publication schedule	 Content available online English-language journal home page Quality of home page

Info: http://www.elsevier.com/online-tools/scopus/content-overview

Questions: titlesuggestion@scopus.com

Books expansion program





Already in Scopus:

Document Type

Book Chapter (329,771) >

Book (40,703) >

Elsevier, Springer, Wiley, Brill, De Gruyter, Woodhead, Karger, Edward Elgar, Maney, Intellect, IOS Press, Pan Stanford, University of California Press, Princeton University Press, Edinburgh University Press, Delft University Press, Duke University Press, McGill Queens University Press, Project Muse (60+ UPs), OECD and more...

	Oct 2013 status	June 2014 target
Conference titles	704	1,000
Conference events	3,675	5,600 - 6,000
Conference papers	250,000	375,000 – 400,000
References*	3.3 Million	4.95 Million – 5.28 Million

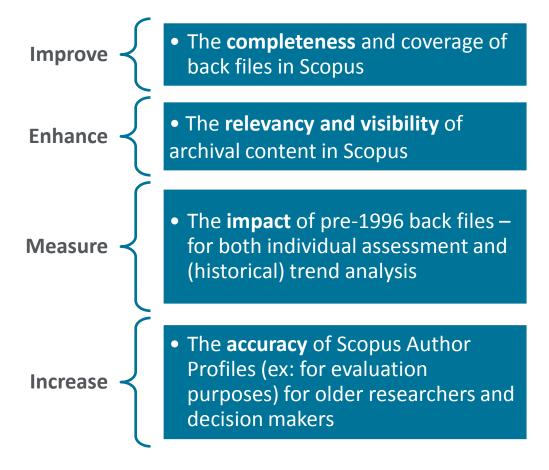
^{*}References added to Scopus Citations cover period 2005 to present

Scopus cited references expansion program

Scopus will add cited references to 8 Million pre-1996 articles going back to 1970.



Why add cited references to the archives?



By adding pre-1996 cited references the citation counts of back files and profiles of older authors will be more accurate.

With more accurate citation data of older content, it is possible to do research assessment and trend analysis including pre-1996 content. Also, the *h*-index of older researchers – often decision makers – will be more accurate.







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The Challenge: Scholarly Name Ambiguity

Many researchers that too closely resemble one another.

Researchers publish under name variations.







Dr. Smith Dr. Smith



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

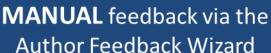
Scopus Profile Organization

The Vast Universe of Research

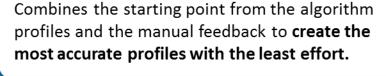


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Groups papers to a profile with high degree of accuracy based on matching of name, email, affiliation, subject area, citations, co-authors,...







Scopus Author/Affiliation Profiles

The Solution: The ORCID Registry





Dr. Smith

Dr. J. Smith

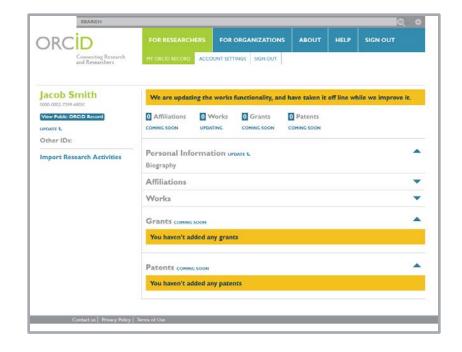
Dr. James Smith

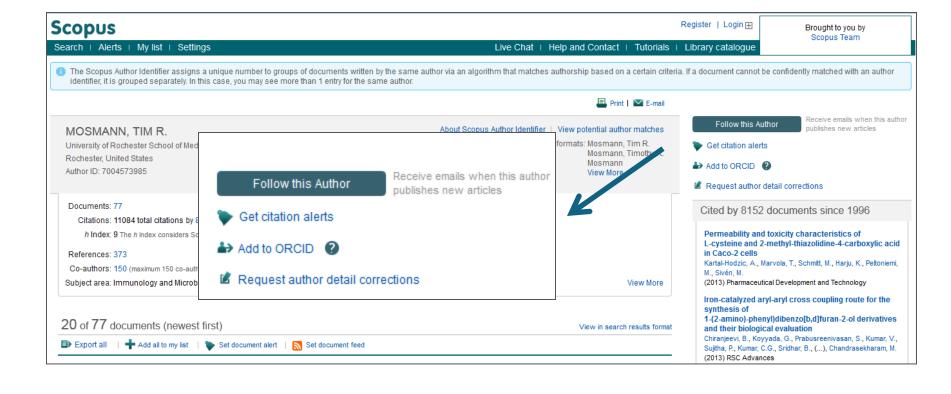
ORCID Mission:

ORCID aims to solve the name ambiguity problem in research and scholarly communications by creating a central registry of unique identifiers for individual researchers



Dr. James Smith 46533489





Authors can use Scopus to populate their ORCID profile via Scopus Author Profiles, the Scopus2ORCID Wizard at orcid.scopusfeedback.com or from ORCID!

Scopus ORCID

Statistics

This page shows usage statistics of the Scopus 2 ORCID wizard, these stats are updated every 24 hours.

Number of distinct ORCIDs that were matched to a single Scopus Author ID: 66,432

Total number of works submitted to distinct ORCIDs: 2,032,946

Total number of distinct works submitted to distinct ORCIDs: 1,744,696

ORCID Statistics

Live ORCID iDs	717,161
ORCID iDs with at least one work	143,310
Works	4,179,805
Works with unique DOIs	2,136,819

Retrieved:30-May-2014

Scopus ORCID

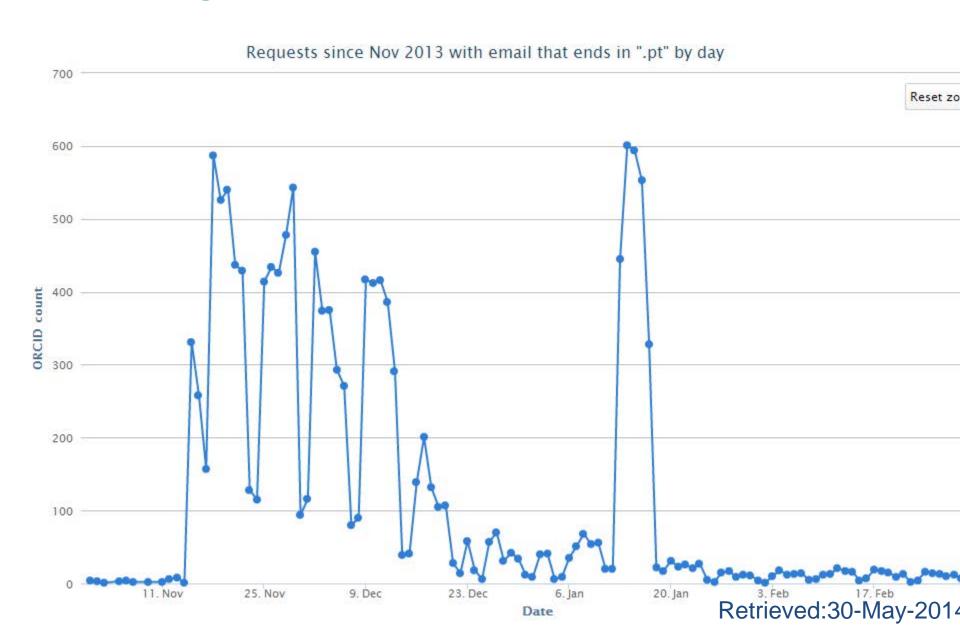
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Retrieved:30-May-2014

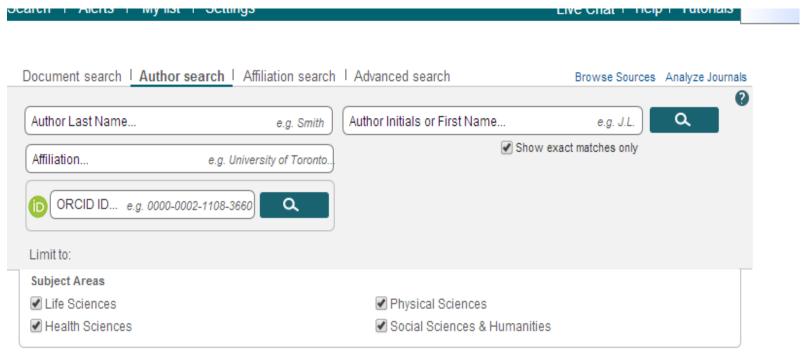
This page shows the number of distinct ORCIDs submitted per country by the Scopus 2 ORCID wizard. (based on IP-address)

#	Count	Country	Total
1		Portugal	12388
2		United States	8605
3		Spain	5111
4		Italy	4487
5		United Kingdom	3803
6		Brazil	2702
7		Australia	2511
8		Germany	2107
9		India	2005
10		Russia	1921
11		France	1644
12		Canada	1312
13		Netherlands	1086
14		Malaysia	1070
15		China	1044
16		Japan	966

FCT Portugal Evaluation of R & D units in 2013



Search by ORCID ID for Scopus Author Profiles



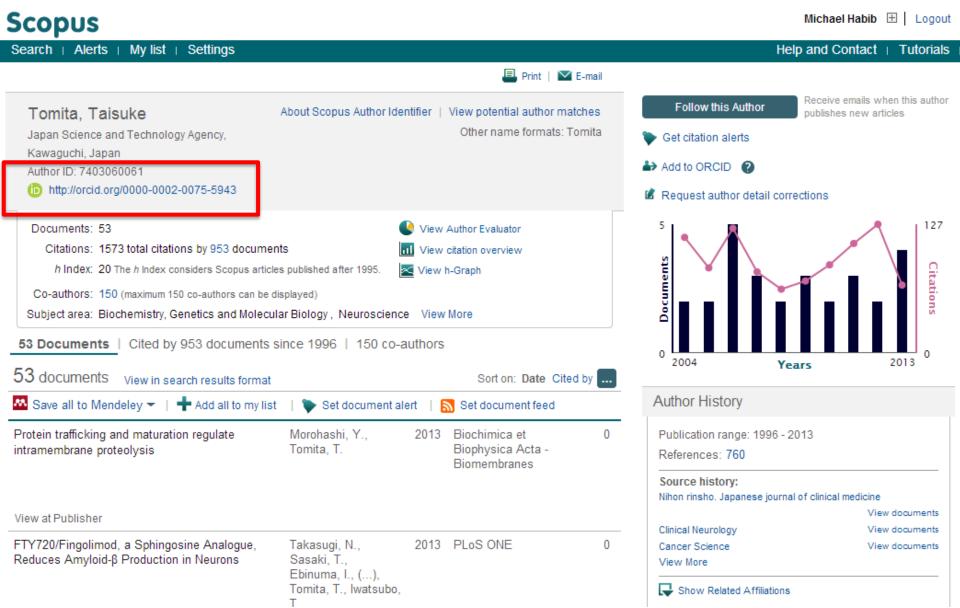
Expected Q3/Q4 – Design above representative

Pure will be a be able to retrieve Scopus Author ID (and associated documents) via ORCID ID search on Scopus APIs

Expected Q4/Q1 - Search by ORCID ID for Documents

Populate a CRIS with new documents published with an ORCID and **Indexed in Scopus**

Released May 31, 2014



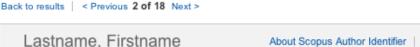
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Other name formats: Browning, J. Paul Browning, J.P.

Browning, James

Documents: 22

Author ID: 26427981500

Citations: 39 total citations by 33 documents

h-Index: 3 The h index considers Scopous articles publised after 1995.

Co-Authors: 55

Subject area: Engineering, Computer Science, Social Sciences, Mathematics

22 Documents Cited by 33 documents since 1996 | 55 Co-authors

22 documents View in search results format Sort on: Date (newest) Cited by

Yu, J., Wang, S., Ge,

Yu, J., Wang, S., Ge,

Graphene oxide (GO) can be reduced and decorated by bovine serum albumin (BSA) at suitable pH and temperature. The resulting bioconjugates between BSA and GO or reduced GO are ideal templates for highly efficient assembly of a variaty of paparaticles with dramatically different compositions, sizes, shapes, and properties. This methodology offers a

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Yu. J., Wang, S., Ge. 2012 L., Ge, S.

2012

2012

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A novel chemiluminescence paper microfluidic biosensor based on enzymatic reaction for uric acid determination

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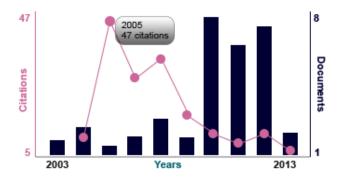
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h-Index: 3 The h index considers Scopous articles publised after 1995.

Co-Authors: 55

Export all

Subject area: Engineering, Computer Science, Social Sciences, Mathematics

Cited by 33 documents since 1996 22 Documents 55 Co-authors

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Yu, J., Wang, S., Ge, 2012 Biosensors and L., Ge, S. Bioelectronics

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A novel chemiluminescence paper microfluidic biosensor based on enzymatic reaction for uric acid determination

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Biosensors and Bioelectronics

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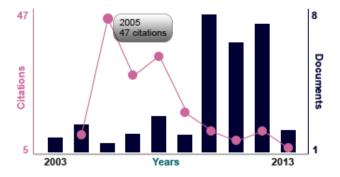
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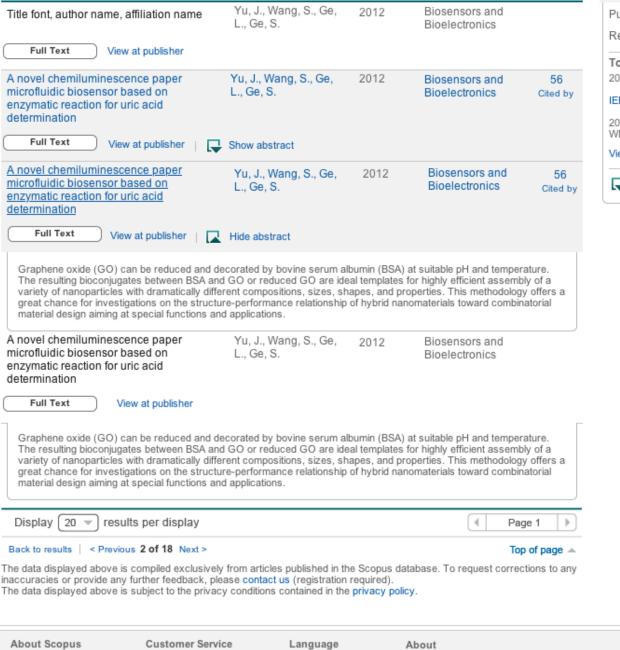
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Graphene oxide (GO) can be reduced and decorated by bovine serum albumin (BSA) at suitable pH and temperature. The resulting bioconjugates between BSA and GO or reduced GO are ideal templates for highly efficient assembly of a



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Balasubramaniam, Ramesh

Whitley Torogo I

Habib, Michael

50 Whitley, Teresa L.

Balasubramaniam, Ramesh 46 co-authored documents

Habib, Michael 36 co-authored documents

Whitley, Teresa L.

Balasubramaniam, Ramesh 28

Balasubramaniam, Ramesh 25

19 Habib, Michael

15 Whitley, Teresa L.

10

Habib, Michael

14

56

30

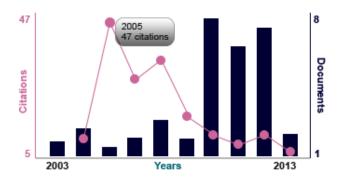
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2010 International Waveform Diversity and Design Conference,

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Counts of activity in scholarly platforms eg, Mendeley, Citeulike, Zotero, etc (in use).

2. Scholarly commentary

Counts (and potentially links) to where scholars have annotated, discussed and reviewed articles, eg, recognized scholarly blogs, F1000 Prime reviews, Publons, Peerpub, Mendeley annotations. Potentially qualitative.

3. News/Mass Media

Counts and links to scholarly works found in the mass media, eg, NY Times, BBC, HuffPo

5. Re-use

Indicators for the re-use and citation of scholarly artifacts, primarily data,

4. Social activity

Counts of links to research material found on generic social networks, eg, Twitter, Facebook, Pinterest, Delicious

6. Legal, commerce and governance

Indicators for the use and citation of scholarly output by government and governance, eg, policy documents, law, patents

How To Choose a Good Scientific Problem

Alon, U. Maria

Department Molecular Cell Biology, Weizmann Institute of Science, Rehovot, 76100, Israel

Abstract

Choosing good problems is essential for being a good scientist. But what is a good problem, and how do you choose one? The subject is not usually discussed explicitly within our profession. Scientists are expected to be smart enough to figure it out on their own and through the observation of their teachers. This lack of explicit discussion leaves a vacuum that can lead to approaches such as choosing problems that can give results that merit publication in valued journals, resulting in a job and tenure. © 2009 Elsevier Inc.

Indexed keywords

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EMTREE medical terms: article; human; medical literature; medical research; occupation; problem bas

learning; publication; science; scientific literature; scientist; teacher

MeSH: Biomedical Research; Career Choice; Choice Behavior; Education, Graduate; Emotions; Humans; Mentors: Peer Review Time Factors Medline is the source

Mendeley Readership ISSN: 10972765 CODE Statistics Beta launched DOI: 10.1016/j.molcel.2009 Mar. 2014

Alon, U.; Departm email:urialon@weizma

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qlish

Science, Rehovot, 76100, Israel;

A guide to mentoring undergraduates in the lab Lukeman, P.S.

(2013) Nature Nanotechnology

Skill Development in Graduate Education

Parker, R.

(2012) Molecular Cell

Scientific discovery as a combinatorial optimisation problem: How best to navigate the landscape of possible experiments?

Kell, D.B. (2012) BioEssays

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Top disciplines Biological Sciences 38% Medicine 15% Engineering 10%

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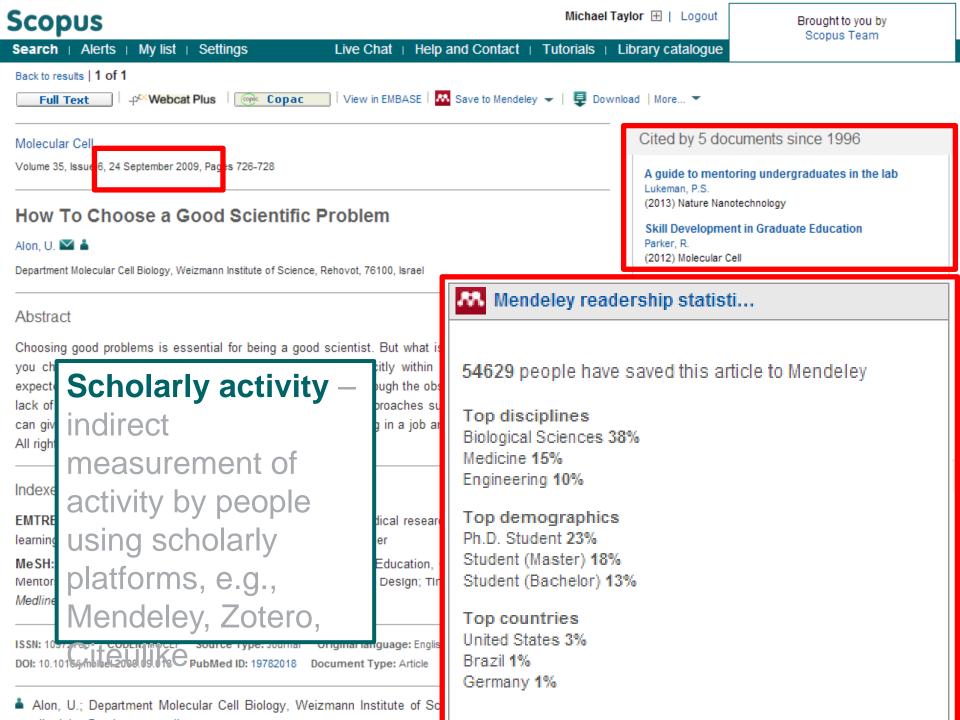
Top countries United States 3% Brazil 1%

Germany 1%

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Scientific Reports

Volume 2, 2012, Article number 570

The biological impacts of the Fukushima nuclear accident on the pale grass blue butterfly

Hiyama, A.^a, Nohara, C.^a, Kinjo, S.^a, Taira, W.^a, Gima, S.^b, Tanahara, A.^b, Otaki, J.M.^a

- a BCPH Unit of Molecular Physiology, Biology and Marine Science, Faculty of Science, Japan
- b Instrumental Research Center, University of the Ryukyus, Nishihara, Okinawa 903-0213, Japan

Scholarly activity

Social activity

Component re-use

Scholarly commentary

Mass media coverage



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Top disciplines

Biological Sciences 67% Environmental Sciences 7% Medicine 5%

Top demographics

Student (Master) 16% Ph.D. Student 15% Post Doc 15%

Top countries

Japan 6% France 3% United States 3%

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Scientific Reports

Volume 2, 2012, Article number 570

The biological impacts of the Fukushima nuclear accident on the pale grass blue butterfly

Hiyama, A.^a, Nohara, C.^a, Kinjo, S.^a, Taira, W.^a, Gima, S.^b, Tanahara, A.^b, Otaki, J.M.^a

- BCPH Unit of Molecular Physiology, Biology and Marine Science, Faculty of Science, Japan
- b Instrumental Research Center, University of the Ryukyus, Nishihara, Okinawa 903-0213, Japan

Scholarly Impact

Cited by 9 documents since 1996

Three-layer GSO depth-of-interaction detector for high-energy gamma camera

Yamamoto, S., Watabe, H., Kawachi, N.

(2014) Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and

Associated Equipment

Morphological abnormalities in gall-forming aphids in a radiation-contaminat... area near Fukushima Daiichi:

Selective impact of fallout?

Akimoto, S.-I. (2014) Ecology and Evolution

Accumulation of radioactive cesium released from Fukushima Daiichi nuclear power plant in terrestrial Cyanobacteria Nostoc commune

Sasaki, H., Shirato, S., Tahara, T.

(2013) Microbes and Environments View all 9 citing documents

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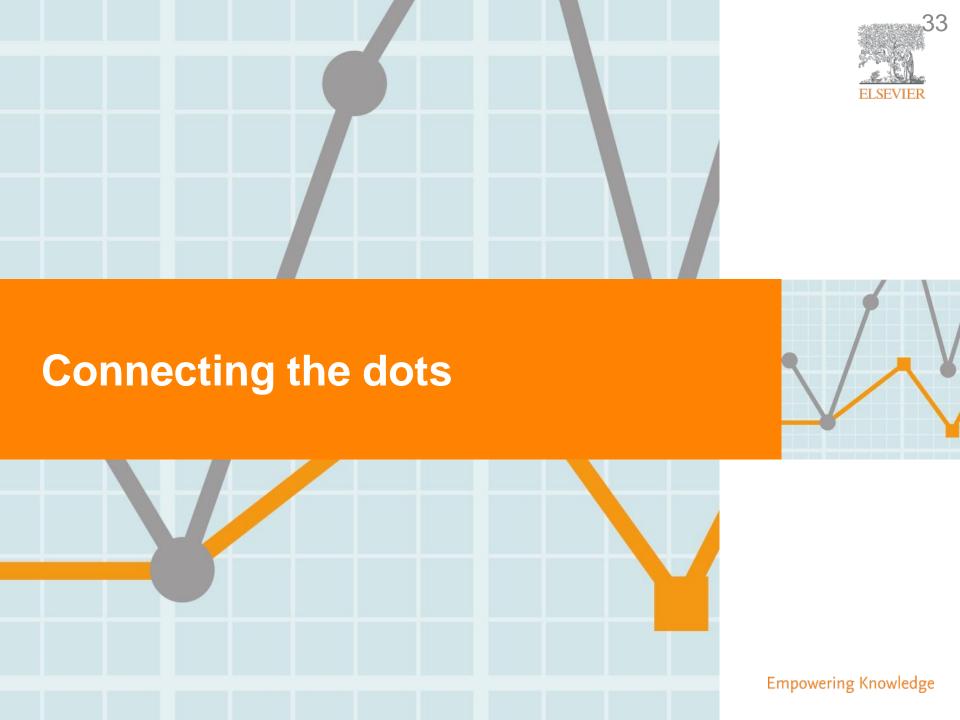
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Boettiger, C., Hastings, A.

No early warning signals for stochastic transitions: Insights from large deviation theory

(2013) Proceedings of the Royal Society B: Biological Sciences 280 (1766)

Publication range: 2010 - 2013

Author History

Sourcehistory:



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Carl Boettiger

http://orcid.org/0000-0002-1642-628X

Keywords: Ecology, Evolution, Regime Shifts, Stochastic Dynamics

Websites:

personal website and open lab notebook

Other IDs:

Scopus Author ID: 15753693500

Personal Information

Biography

Post Doc: UC Santa Cruz, CSTAR — PhD UC Davis, Population Biology — BA Princeton University, Physics. —

http://carlboettiger.info

Publications

Early warning signals: the charted and uncharted territories: Theoretical Ecology 2013

DOI: 10.1007/s12080-013-0192-6 URL: http://www.scopus.com/inward/record.url?eid=2-s2.0-

84879047486&partnerID=MN8TOARS

Boettiger, C. and Ross, N. and Hastings, A., (2013). "Early warning signals: the charted and uncharted territories", Theoretical Ecology, pp. 1-10

Tipping points: From patterns to predictions: Nature 2013

DOI: 10.1038/493157a URL: http://www.scopus.com/inward/record.url?eid=2-s2.0-

84872122420&partnerID=MN8TOARS

Boettiger, C. and Hastings, A., (2013). "Tipping points: From patterns to predictions", Nature, vol. 493, no. 7431, pp. 157-158

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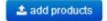
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(2012) Boettiger, Hastings Proceedings. Biological sciences / The Royal Society





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