

Academic social networks : challenges and opportunities

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27-28 th November 2014, Univ Sapienza Roma



FRENCH NATIONAL INSTITUTE FOR AGRICULTURAL RESEARCH

- INRA produces scientific knowledge and works for economic and social innovation in the areas of food, agriculture and the environment.
- 8 488 employees, 213 research Units (2010)
- Institutional Repository Prodinra
<http://www.inra.fr/prodinra>

Introducing myself : leading the Regional Scientific Information Team since 2002.

Co-leader of the scientific information technology group (research data, linked open data, open access technologies, *digital and social tool practices.*)

Since 2013, I have to answer questions about Academic Social Networks.



WHAT DEFINE A SOCIAL NETWORK FOR ACADEMICS ?

Main functionalities

- Find researchers or experts, be more visible (profil)
- Find relevant documents
- Disseminate your publications
- Create a network followings/followers
- Discuss topics

[Aventurier, P., Cocard, S. \(2013\). *Les réseaux sociaux pour les scientifiques*. Presented at La science 2.0. séminaire des professionnels IST, Seillac, FRA \(2013/04/09-11\).](#)

Secondary functionalities

- Find a job (contact with companies or job offers)
- Manage and share bibliography
- Exchange with the intermediary of groups/communities or with people sharing the same interest : topics, skills expertise
- Evaluate or discuss document : Open peer-review, annotation
- Share informations (Questions/answer)
- Metrics / documents consultation





<http://researchgate.net>

<http://academia.edu>

<http://mendeley.com>

	Academia.edu	ResearchGate	Mendeley
Coverage	All	All	All
Network size	7.1 million	5 million	1.6 million
Full-text	1.6 million	45 million	200 million
Analytics	Profiles Doc views Download Countries Followers Following	Profiles Doc views, Download Request for full-text Countries Followers Following Q&A RG index Open Review Claim for citations	Doc views Readership stats
Collaborators	Yes	Yes	Yes
Job	Yes. Via job board. Can load CV.	Yes. List skills and Expertise.	Yes. Can load CV.
Funds	Capital and True Ventures	StartUp private funds (Bill Gates FaceBook)	StartUp → Elsevier

Adapted from : Wee, Joan. "Research Network." <http://fr.slideshare.net/ntunmg/research-network-30833267>.

	Academia.edu	ResearchGate	Mendeley
Share files	Papers, data, Github	Papers, data, patents	Papers
Link to OA or external URL	Yes	No. Except if you have load the full-text.	Yes
Request full text button	No	Yes	No
Access	Free	Free	Free Fee for premium / institutional version
Privacy Profile	Public but Analytics can be private	Everyone/ mutual followers/ researchgate members / none	Everyone/ Followers/ Only me
Privacy : notifications by e-mail	Many options	Many options	Many options
Bibliographic functions	Import manual No export	Import manual No export	Import and export function
adding publication data manually	y	y	y
Biography and Curriculum	y	y	y
adding publications (semi)automatically	Crossref + Microsoft AS+ PubMed + ArXiv	PubMed + IEEE + CiteSeer + RepEc + BMC	many search engines + import RIS or BibTeX

Who own the contents ?

- Copyright article are behind pay wall and authors cannot put the fulltext into Social Networks
 - Elsevier asked to retire the papers from Academia.edu (Dec 2013)

Recently Elsevier has begun sending take-down notices to Academia.edu for articles that authors have posted where they are in violation of the copyright transfer agreement that the author has signed. Most authors sign such agreements with publishers.

- ResearchGate gives access to his database to stakeholders (CGU Researchgate) and will retire immediately documents on their demands
- Social Networks are not clear about who own original contents. Youtube like licence ?
- **Networks used to refers to Digital Millennium Copyright Act (DMCA)**

See <http://scienceblogs.com/confessions/2013/12/10/around-the-web-elsevier-vs-academia-edu-vs-researchers/> or [Voir aussi : http://urfistinfo.hypotheses.org/2596](http://urfistinfo.hypotheses.org/2596)

Business models



R&D institutions that can improve the quality of their decisions by 10-20%.’
Price (Academia CEO) envisions developing an algorithm which “would tell an R&D company which are the most impactful papers in a given research area in the last 24 hours, 7 days, 30 days, or any time period’.

ResearchGate

offers universities and corporations the option to post job listings for free, but generates revenue by charging between 100 and 300 USD for increased visibility. Current job offers range from NASA to Novartis

will introduce a service that lets conference marketers pay to promote events and another for companies that want to advertise products, devices, books and services to scientists’.

“A Quick Glance at Business Models of Academic Social Networking Services.” *Hybrid Publishing Lab Notepad*. Accessed November 21, 2014.
<https://hybridpublishing.org/2013/01/a-quick-glance-at-business-models-of-academic-social-networking-services/>.



SOCIAL ACADEMIC NETWORKS PRESENTATION

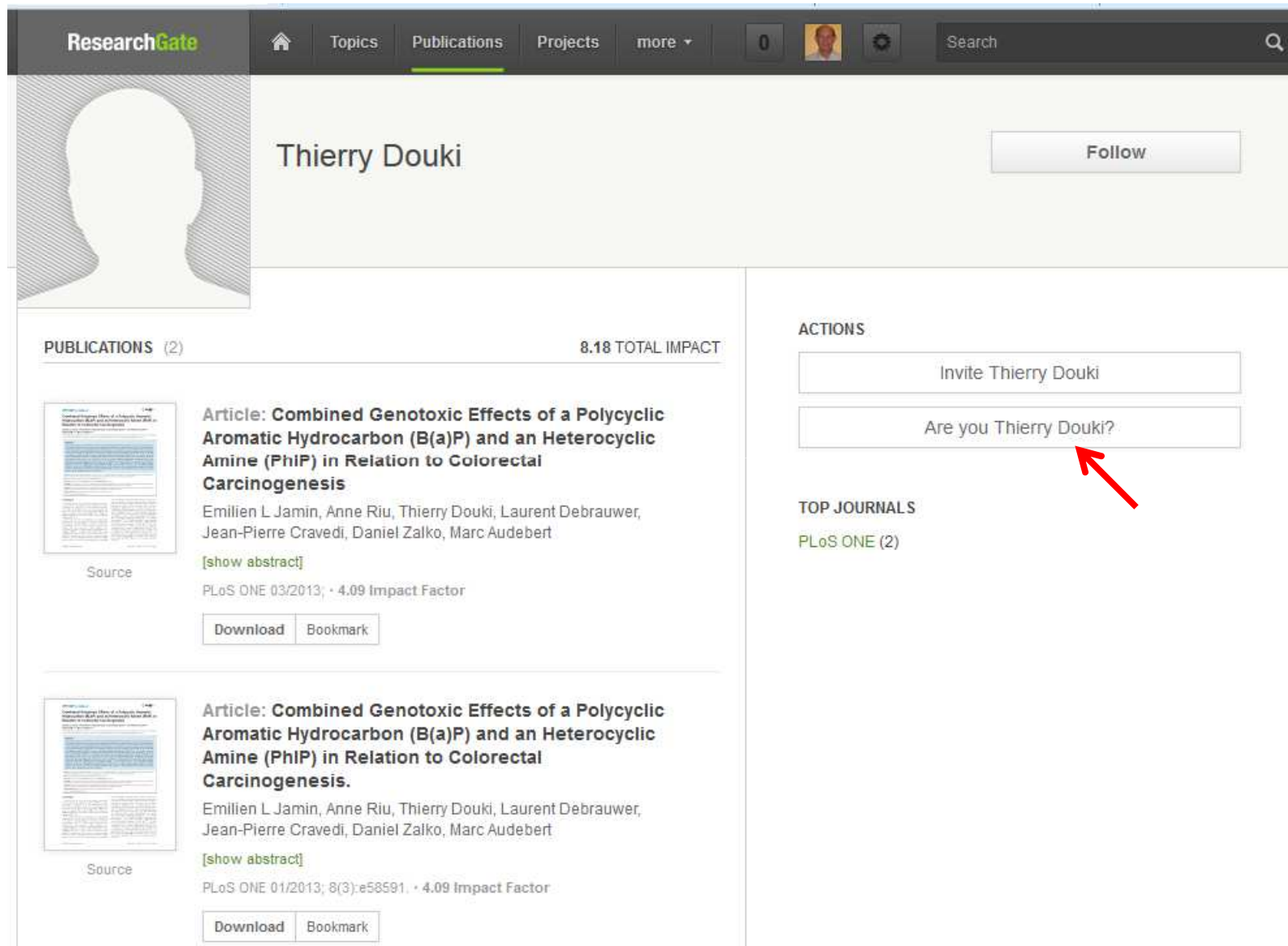
ResearchGate

<http://researchgate.net>



 Academia.edu
share research


<http://academia.edu>

Profil created automatically → very easy to create yours




ResearchGate


Home Topics Publications Projects more ▾ 0   Search

 **Thierry Douki**

PUBLICATIONS (2) 8.18 TOTAL IMPACT


 **Article: Combined Genotoxic Effects of a Polycyclic Aromatic Hydrocarbon (B(a)P) and an Heterocyclic Amine (PhIP) in Relation to Colorectal Carcinogenesis**
Emilien L Jamin, Anne Riu, Thierry Douki, Laurent Debrauwer, Jean-Pierre Cravedi, Daniel Zalko, Marc Audebert
[\[show abstract\]](#)
PLoS ONE 03/2013; • 4.09 Impact Factor

Source

 **Article: Combined Genotoxic Effects of a Polycyclic Aromatic Hydrocarbon (B(a)P) and an Heterocyclic Amine (PhIP) in Relation to Colorectal Carcinogenesis.**
Emilien L Jamin, Anne Riu, Thierry Douki, Laurent Debrauwer, Jean-Pierre Cravedi, Daniel Zalko, Marc Audebert
[\[show abstract\]](#)
PLoS ONE 01/2013; 8(3):e58591. • 4.09 Impact Factor

Source

ACTIONS



TOP JOURNALS

PLoS ONE (2)

ResearchGate - Search

The screenshot shows the ResearchGate search interface. At the top, the navigation bar includes 'ResearchGate', home, 'Topics', 'Publications', 'Projects', 'more', a notification icon with '0', a user profile icon, a settings icon, and a search bar containing 'micro algae'. Below the navigation bar, the 'Search results' section shows the search query 'micro algae'. The results are divided into two columns. The left column, titled 'RESEARCHERS', lists five researchers with their profile pictures, names, affiliations, and keywords. Each researcher has a 'Follow' button. The right column shows a summary of search results: 'RESEARCHERS · 15', 'TOPICS · 0', 'QUESTIONS · 25+', 'PUBLICATIONS · 100+', 'JOURNALS · 8', 'JOBS · 0', 'INSTITUTIONS · 0', and 'DEPARTMENTS · 0'. A blue bracket on the right side of the summary section groups these statistics. Below the summary, a green button reads 'Ask a question in Topics'.

ResearchGate

Topics Publications Projects more

0

micro algae

Search results

micro algae

RESEARCHERS

Michal Mos (United Kingdom) [Follow](#)
Aberystwyth University, Institute of Biological, Environmental and Rural Sciences
Keywords: Micro and macro algae biomass production

Mireille Chinain (French Polynesia) [Follow](#)
Institut Louis Malardé, Laboratory of Toxic Micro-Algae

IB Thobias (United Kingdom) [Follow](#)
University of Bedfordshire, Division of Science
Keywords: Algae Biofuel

Salam Sonia (India) [Follow](#)
University of Delhi, Botany
Keywords: Micro algae

Eli Kalmanzon (Israel) [Follow](#)
Oranim Academic College of Education, Biology
Keywords: Micro algae

RESEARCHERS · 15

TOPICS · 0

QUESTIONS · 25+

PUBLICATIONS · 100+

JOURNALS · 8

JOBS · 0

INSTITUTIONS · 0

DEPARTMENTS · 0

DIDN'T FIND WHAT YOU WERE LOOKING FOR?

[Ask a question in Topics](#)

ResearchGate – Consultation

ResearchGate | Home | Topics | Publications | Projects | more ▾ | 0 | [Profile Picture] | Search

Yvan Rahbe
 PhD Biochemistry AgroParisTech
 French National Institute for Agricultural Research (INRA), Fonctionnelle, Insectes et Interactions (BF2)

CONTRIBUTIONS | INFO | STATISTICS

Follow

GOOGLE REFERRALS | daily / weekly

Google referrals track the number of times something has been reached through a Google search.

Publications

Views Last Week ⓘ

43 Total views

Views by country

- 2 France
- 1 USA

Views by institution

- 2 French National Institute for...
- 1 Iowa State University

PUBLICATIONS

Profile | See your own profile stats

34.66 RG Score

A new way to measure scientific reputation. The RG Score takes *all* your research and turns it into a source of reputation.

- PUBLICATIONS
- QUESTIONS
- ANSWERS
- FOLLOWERS

PERCENTILE

Yvan Rahbe's score is higher than 95% of ResearchGate members'.

RG SCORE OVER TIME

How does the RG Score work?
 Your RG Score is calculated based on how other researchers interact with your content, how often, and who they are. The higher their score, the more yours will increase.

See your RG Score

INRA P. Aventurier. Academic social SCIENCE & IMPACT

ResearchGate – Profil

ResearchGate | Home | Topics | Publications | Projects | more | 0 | [Profile Picture] | Search

Yvan Rahbe
 PhD Biochemistry AgroParisTech
 French National Institute for Agricultural Research · Biologie Fonctionnelle, Insectes et Interactions (BF2I) | **34.66**

CONTRIBUTIONS | INFO | **STATS** | RG SCORE

Publications | See your own publications stats

VIEWS LAST WEEK 43 Total views

Views by country
 2 France
 1 USA

Views by institution
 2 French National Institute for...
 1 Iowa State University

PUBLICATION VIEWS daily / weekly

Date	Views
03-30	5
03-31	8
04-01	8
04-02	6
04-03	4
04-04	6
04-05	9

1,796 Total publication views

601 Total full-text downloads


25 Total dataset downloads

TOP PUBLICATION VIEWS last week / total

- 3** Immunity and other defenses in pea aphids, *Acyrthosiphon pisum*.
Genome biology 02/2010; 11(2):R21.
- 2** PlantPhysiol
- 2** Immunity and other defenses in pea aphids, *Acyrthosiphon pisum*.
Genome Biol. 11(2):R21.

ResearchGate – Live Feed


Live Feed




Nauman Khan asked a question in Data Mining: 3h

What are Spatial Data Mining Options?


Hi Everyone, I would like ask a question about data analysis. I have two data sets about buses in an urban transport system. Timestamp and Speed with GPS Coordinates How can i mine [\[more\]](#)

 2 answers added

[Follow](#) [Answer](#)




Eloy Rodrigues added an article: 1d



Article: O utilizador tem sempre razão? Inquirir para melhor servir os utentes das bibliotecas da Universidade do Minho

Eloy Rodrigues, Augusta Xavier Guimarães


[Request full-text](#) [Bookmark](#)




Suhaib Ansari asked a question in Data Mining: 1d

What could be the best topic to research in Data Mining?

Various issues in performance are being regarded a large overhead in Data extraction. Also various query techniques are being used for various purposes. So i need to know what are [\[more\]](#)

 13 answers added

[Follow](#) [Answer](#)



Traian Rebedea asked a question in Information Retrieval: 2d

Where can I find web people search (WePS) evaluation data?

Recently, we have started working on people search and have seen that most of the previous research is using the WePS-2

Academia.edu search

The screenshot shows the Academia.edu search results for 'Information Technology'. The page header includes the Academia.edu logo, a search bar, and navigation links for Home, Analytics, Sylvie Cocaud, and Upload Papers. The main content area displays two search results. The first result is 'Panorama des logiciels utilisés par les professionnels de l'information scientifique et technique à l'Inra : vers une boîte à outils de l'IST ?' by Sylvie Cocaud, with a 'Download (.pdf)' and 'Quick view' button. The second result is 'Building Cyberspace: Information, Place and Policy' by Ken Friedman, with a 'Download (.pdf)' and 'Quick view' button. On the right side, there is an 'Invite someone to Information Technology' form and a 'Related Research Interests' section listing various topics and their counts.

Academia.edu
share research

Search People, Research Interests and Universities

0 Home Analytics Sylvie Cocaud Upload Papers

Information Technology

Browse works only with terms that already exist in the system

People 16,728 Questions 14 Documents 754 Journals 28 Jobs 1

Panorama des logiciels utilisés par les professionnels de l'information scientifique et technique à l'Inra : vers une boîte à outils de l'IST ?
by Sylvie Cocaud

Research Interests: Information Technology

Download (.pdf) Quick view

Building Cyberspace: Information, Place and Policy
by Ken Friedman

Information and place have always been linked. From prehistoric forest and hydraulic empire to canal network and the networked knowledge economy, the space of flows gives rise to the way human beings perceive the world as well as to the... more

Publication Date: 1998

Publication Name: Cultural Attitudes Towards Communication and Technology

Research Interests: Informatics, Information Technology, and Information Science

Download (.pdf) Quick view

Invite someone to Information Technology

enter email to invite

Send

Related Research Interests

Communication	15,024
Journalism	5,428
Broadband Society	1
Information Science	2,415
Digital Media, New Media, Online	1,322
Journalism, Digital Story Telling, Paywalls, Virtual Revolution, Iphones, Facebook, YouTube, Google, New Media, Digital Marketing,	
Information Systems	3,090

Academia.edu profil


The screenshot shows the Academia.edu profile of Hendrik Davi. The header includes the Academia.edu logo, a search bar, and navigation buttons for Home, Analytics, and Upload Papers. The profile features a profile picture of a person holding a camera, a bio identifying them as a Faculty Member at INRA (EFPA), and a list of research interests including Community Ecology, Forest Ecology, and Phenology. Two papers are highlighted: 'Drought-induced decline and mortality of silver fir differ among three sites in Southern France' and 'Peut-on dépasser le pluralisme en écologie par la modélisation?'. The right sidebar displays statistics: 1,703 profile views, 2,623 document views, and 11 followers. A 'Following' section shows 21 other users.


- Identity, age, photo,
- Research interests
- Title academic works, society membership
- Awards
- Professional address, Education, Languages

Academia.edu – Your Feed




YOUR FEED


+ Upload a Paper

 New paper added to **Semantic Web:** 6 hrs

 **Optimized web search results through additional retrieval lists inferred using WordNet similarity measure**

Search engines have become mandatory part in the usability of information available through Internet. They provide direct support in the growth of the World Wide Web. Today their concern is to give more importance to the precision in the top results suggested to reduce the iterative search of a concept by any user. Our main objective is to improve the efficiency of search results suggested by the search engine in response to a query. The objective is approached by constructing alternate queries for the main query given by the user. It involves the selection of contextually most similar alternate queries through the method proposed here. The coalition of results produced by the main query and the alternate queries could improve the precision in the top pages. We evaluated the proposed method and observed that the proposed method performed well in projection of some of the important links of the search results into the top few pages. Also, it is observed that the precision improved considerably.

by **Aswani Kumar Cherukuri** |  0 |  Semantic Web +2  Bookmark

 New paper added to **Academic Social Networking and Altmetrics:** 6 hrs

Relationship between altmetric and bibliometric indicators across academic social sites: the case of CSIC's members

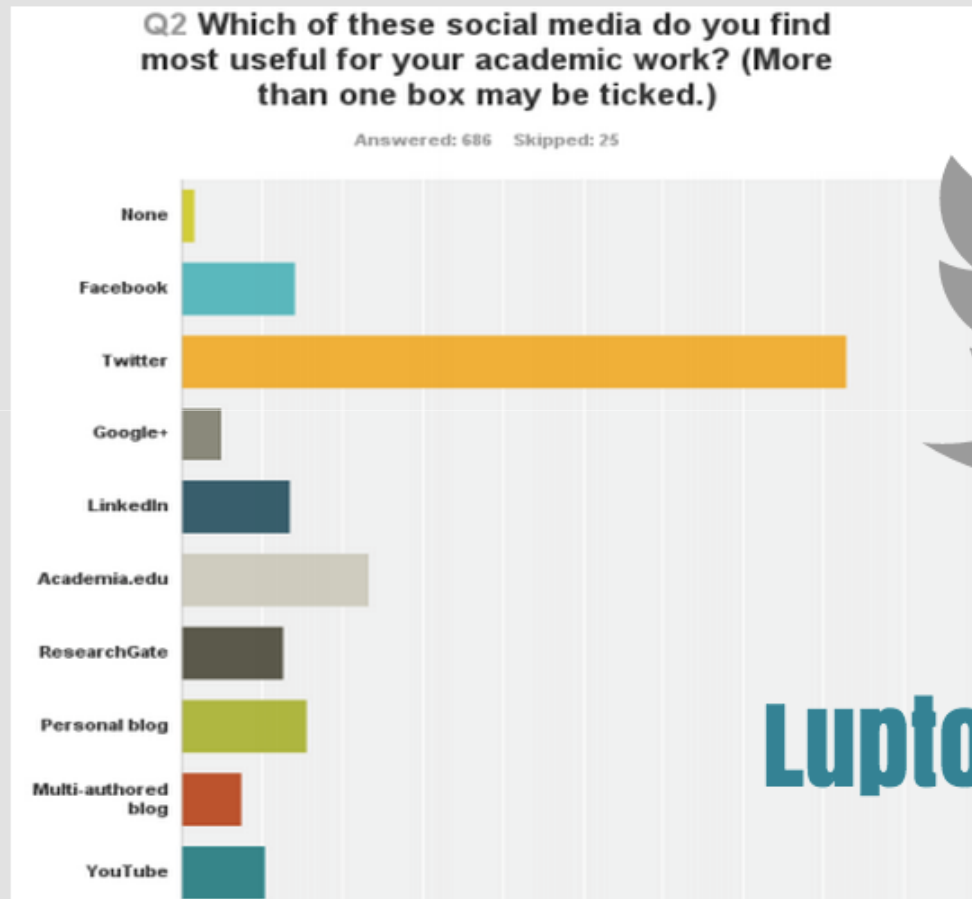
This study explores the connections between social and usage metrics (altmetrics) and bibliometric indicators at the author level. It studies to what extent these indicators, gained from academic sites, can provide a proxy for research impact. Close to 10,000 author profiles belonging to the Spanish National Research Council were extracted from the principal scholarly social sites: ResearchGate, Academia.edu and Mendeley and academic search engines: Microsoft Academic Search and Google Scholar Citations. Results describe little overlapping



SCIENTISTS AND SOCIAL NETWORK

HOW RESEARCHERS USE THEM ?

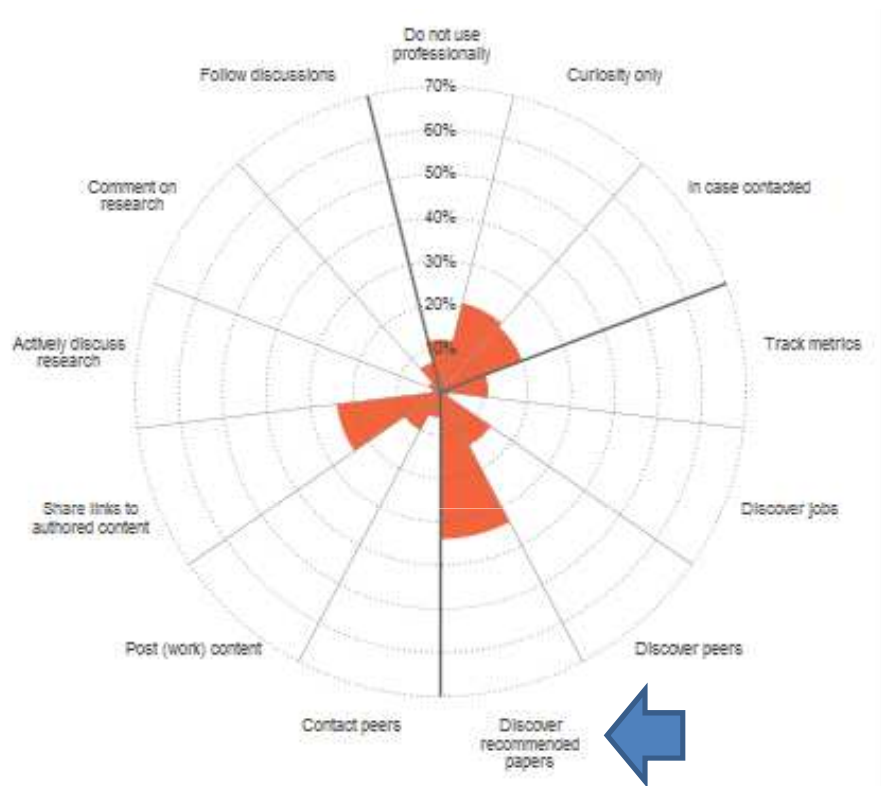
scholars in the open



Lupton, D. (2014)

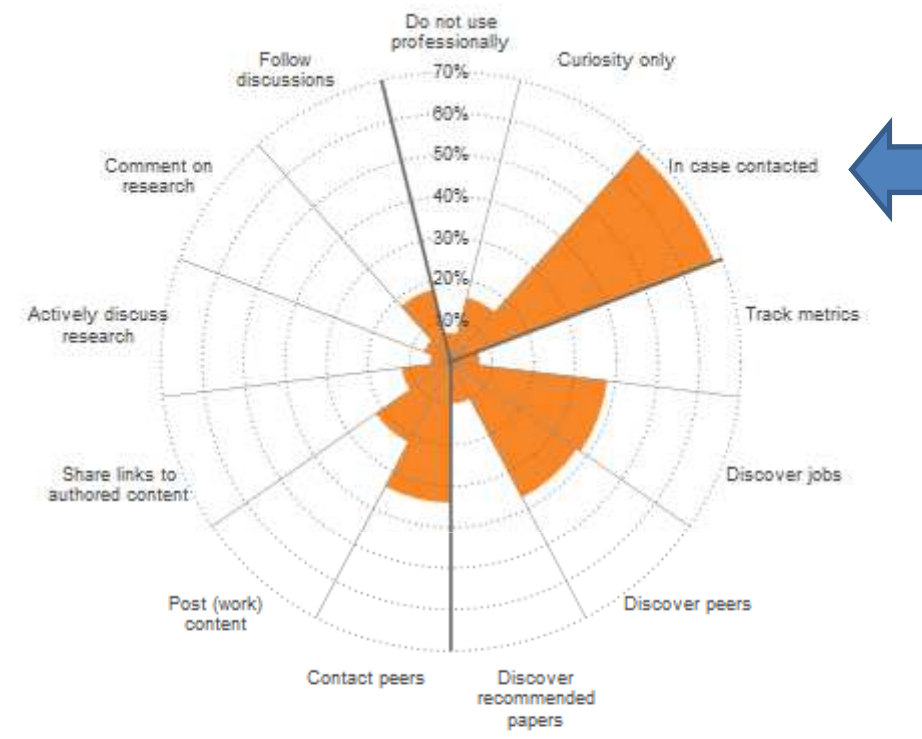
Deborah Lupton (2014) 'Feeling Better Connected': Academics' Use of Social Media. Canberra: News & Media Research Centre, University of Canberra.

Nature 2014. Van Nordeen survey



- Twitter (330 regular visitors)
- Facebook (340 regular visitors)
- LinkedIn (389 regular visitors)
- ResearchGate (1,589 regular visitors)
- Academia.edu (283 regular visitors)
- Mendeley (198 regular visitors)

Voices from the survey
"I use Mendeley only as a scientific-paper browser and source."
 MENDELEY USER, AGE 25–34, UNITED STATES, RESEARCH SCIENTIST

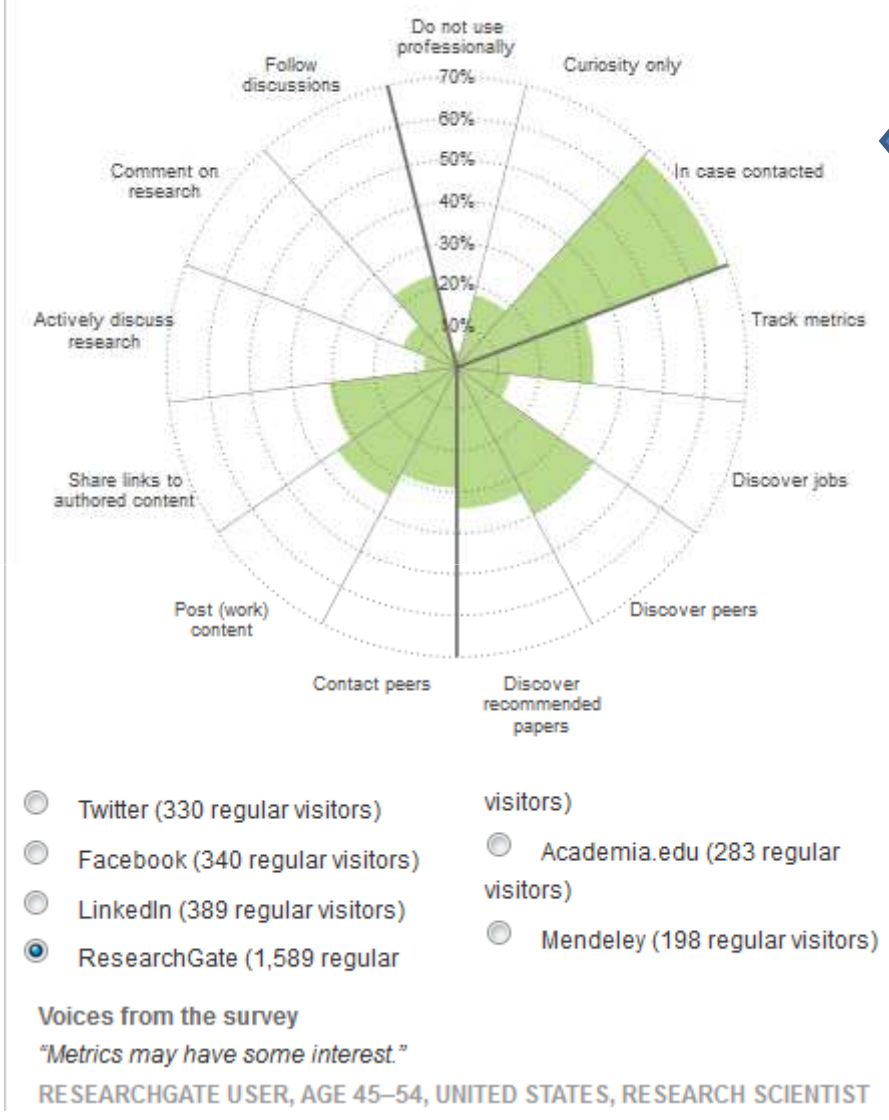
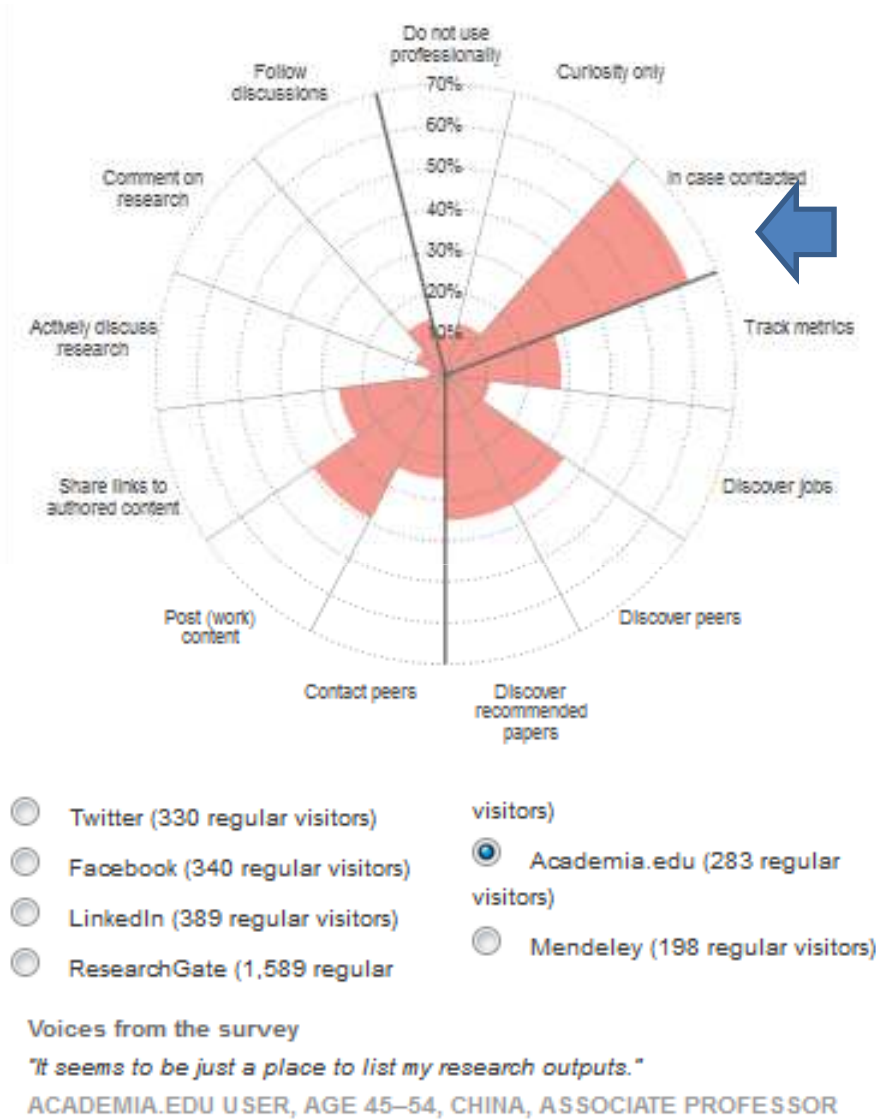


- Twitter (330 regular visitors)
- Facebook (340 regular visitors)
- LinkedIn (389 regular visitors)
- ResearchGate (1,589 regular visitors)
- Academia.edu (283 regular visitors)
- Mendeley (198 regular visitors)

Voices from the survey
"Seems business orientated."
 LINKEDIN USER, AGE 55–64, UNITED KINGDOM, LECTURER

Richard Van Nordeen Nature <http://www.nature.com/news/online-collaboration-scientists-and-the-social-network-1.15711>

Nature 2014. Van Nordeen survey



Richard Van Nordeen Nature <http://www.nature.com/news/online-collaboration-scientists-and-the-social-network-1.15711>





Social ACADEMIC NETWORKS
INTERESTS

Why Social Networks for academics ?

Mangan, Katherine. "Social Networks for Academics Proliferate, Despite Some Doubts." *The Chronicle of Higher Education*, April 29, 2012. <http://chronicle.com/article/Social-Networks-for-Academics/131726/>.

- Richard Price founder of Academia.edu
- "With networks like Twitter and Facebook, information whizzes around at laser speed," Mr. Price says, "whereas in science, and research in general, the average time lag is a year before a paper gets in a journal and is distributed to the rest of the world."
- With the Web, of course, distribution is instantaneous. **"When you read a paper and want to comment, you'll be able to respond immediately,"** he says. "The conversation will take minutes and hours instead of months and years."

Enhanced visibility

Google Scholar

The screenshot shows a Google Scholar search interface. At the top left is the Google logo. The search bar contains the text "polyphenol cell wall" and a search button with a magnifying glass icon. Below the search bar, the text "Scholar" is followed by "Environ 41 500 résultats (0,11 s)". To the right of this is a button labeled "Mes citations" with a dropdown arrow. Below the search results, there are two article entries. The first entry is titled "Interactions between apple cell walls and native apple polyphenols: quantification and some consequences" by CMGC Renard, A Baron, S Guyot, JF Drilleau, published in 2001 in the International Journal of Food Microbiology. The second entry is titled "Non-covalent interaction between procyanidins and apple cell wall material: Part I. Effect of some environmental parameters" by C Le Bourvellec, S Guyot, C Renard, published in 2004 in Biochimica et Biophysica Acta (BBA). Both entries include links to "researchgate.net [PDF]" and "Texte Integral @ INRA".

Google

polyphenol cell wall

Scholar Environ 41 500 résultats (0,11 s) Mes citations

Articles

Conseil : Recherchez des résultats uniquement en Français. Vous pouvez indiquer votre langue de recherche sur la page Paramètres Google Scholar..

Ma bibliothèque

Interactions between apple cell walls and native apple polyphenols: quantification and some consequences

researchgate.net [PDF]
Texte Integral @ INRA

CMGC Renard, A Baron, S Guyot, JF Drilleau - International Journal of ..., 2001 - Elsevier

Date indifférente

Cell walls were prepared from apple parenchyma by a phenol: buffer procedure.

Depuis 2014

Polyphenols were extracted from freeze-dried apple parenchyma by methanol and water: acetone, and purified by preparative HPLC. Interactions were quantified by bringing into ...

Depuis 2013

Cité 179 fois Autres articles Les 5 versions Importer dans EndNote Enregistrer Plus

Depuis 2010

Période spécifique...

Non-covalent interaction between procyanidins and apple cell wall material: Part I. Effect of some environmental parameters

Texte Integral @ INRA

C Le Bourvellec, S Guyot, C Renard - Biochimica et Biophysica Acta (BBA)- ..., 2004 - Elsevier

... shown the importance of the ability of the polysaccharide to encapsulate the polyphenolic substrate [3 ... summarised in Table 1. Petit Jaune was selected for its low polyphenol content [29 ...

Trier par pertinence

The phenol treatment removes protein [30] and an acetone treatment removes polyphenols [7 ...

Trier par date

Cité 91 fois Autres articles Les 5 versions Importer dans EndNote Enregistrer Plus

RG Open review

March 2014

- Notify authors when a review is occurring
- No Open review on its own publications
- No anonymous reviews
- No possibility to refuse, but you can report abusive review

The screenshot displays a ResearchGate article interface. On the left, the article title is 'Open Access at the Max Planck Society' by the 'Max Planck Society Open Access Working Group'. Below the title are options to 'Discuss', 'Share', and 'Bookmark', along with '0 BOOKMARKS · 50 VIEWS'. A 'CITATIONS (0) CITED IN (0)' section includes a 'Did you cite this publication?' prompt and an 'Add citation' button. A disclaimer at the bottom of the article text states: 'Data provided are for informational purposes only. Although carefully collected, accuracy cannot be guaranteed. The impact factor represents a rough estimation of the journal's impact factor and does not reflect the actual current impact factor. Publisher conditions are provided by RoMEO. Differing provisions from the publisher's actual policy or licence agreement may be applicable.'

On the right side of the page, there are several interactive buttons: 'Request full-text' (highlighted in green), 'Request supplementary resources', and 'Is this your publication?'. Below these is a 'FULL-TEXT' section with a 'View' button and '0 DOWNLOADS'. At the bottom right, the 'Open Review' section is highlighted with a red box. It contains the text: 'Be the first to review this publication, or request a review from other specialists on ResearchGate.' and two buttons: 'Review this publication' and 'Request a review of this publication'.

RG Open review

Article review

Is this research reproducible? Yes No Not applicable

> METHODOLOGY
Are the tools and methods appropriately applied, and are the data correct?
Yes No Partly

> ANALYSES
Have the analyses, including any statistical analyses, been performed appropriately and rigorously?
Yes No Partly

Welcome to Open Review

This new feature lets you evaluate research you have read and worked with. Answer the first question to get started.

Feedback on this feature? [Tell us what you think](#)

Research is considered reproducible if it can be repeated by someone else working independently, or by using different equipment or techniques to produce the same outcome.

> REFERENCES
Do the authors refer to the latest research in the field, and is it correctly referenced?
Yes No Partly

> FINDINGS
Do the authors provide an interesting discussion, and are the findings novel?
Yes No Partly

> CONCLUSIONS
Are the interpretations and conclusions justified by the results?
Yes No Partly

SUPPORTING RESOURCES (optional)

SUPPORTING RESOURCES (optional)
Attach resources that support your review. These will be added to your profile as datasets.

Select files

Problems uploading?

REVIEW CONTRIBUTORS (optional)
Enter the names of the researchers who contributed to this review.

Separate names with commas

Delete draft Publish review

Profile Metrics

The image shows two screenshots of a research profile page. The left screenshot shows the 'OVERVIEW' tab with a red box highlighting the main metrics: 96 PUBLICATIONS, 7k Views, 1,281 Downloads, 1,686 Citations, and 220.99 Impact Points. Below this, a featured publication is listed with its own metrics: 52 Views, 0 Downloads, and 0 Citations. The right screenshot shows the 'STATS' tab with a red box highlighting the 'STATS' menu item. It displays a 'Publications' section with 'VIEWS LAST WEEK' at 121. A line graph shows 'PUBLICATION VIEWS' from 09-25 to 10-01. On the right, a summary of metrics is provided: 10,668 Total publication views, 3,976 Total full-text downloads, 40 Total dataset downloads, and 38 Total full-text requests. Below the graph, 'TOP PUBLICATION VIEWS' are listed, including 'The candidate gene approach in plant genetics: a review' and 'Proteomic analysis of tomato (Solanum lycopersicum) secretome'.

Metric	Value
PUBLICATIONS	96
Views	7k
Downloads	1,281
Citations	1,686
Impact Points	220.99

Metric	Value
Views	52
Downloads	0
Citations	0

Metric	Value
VIEWS LAST WEEK	121
Total views	121

Country	Views
United States	27
China	14
Argentina	3

Publication Title	Views
The candidate gene approach in plant genetics: a review	10
Proteomic analysis of tomato (Solanum lycopersicum) secretome	9

Gain for researchers

- Find a job / a post doc
- Find new collaborators/teams
- Track relevant article to read
- Discuss new scientific hypothesis
- Valorize works for gain more citations

Jeroen Bosman, Bianca Kramer. "LibGuides. Research Impact & Visibility. Researcher Profiles." *Utrecht University Library*. Accessed November 2, 2014.
<http://libguides.library.uu.nl/content.php?pid=310987&sid=3058269>.

Gain for institution

- Valorize scientific and competence from institution
- Analyze data, new metrics
- Insure the e-reputation of the institution
- Strengthen international collaborations
- gain traffic on institutional website
- more impact for projects with scientists and development actors (technical exchanges)



Social ACADEMIC NETWORKS

RISKS AND DANGERS

Researchers

- Time consuming
- Witch platform ? difficult to choose no interoperability
- share it is to renounce to a competitive advantage
- Sustainability
- Not enough active users
- Use not optimized or inefficient
- Lack of management of digital identity
- Automatic solicitations by e-mail
- Content property
- Risk of jeopardizing one's career

Institutions

- Spread of knowledge who might be used by competitors
- Lack of control of the institution reputation
- Analyze by other institutions of the use of networks
- Tools multiplication
- Substantial Underuse of the institutions tools
- Sustainability

Researchgate page institution

ResearchGate | Home | Q&A | Publications | Jobs | Search | Profile | 2

KING'S College LONDON | King's College London | London, London, United Kingdom | [Invite researchers](#)

OVERVIEW | CONTRIBUTIONS | DEPARTMENTS | MEMBERS | MEMBER STATS

52,069.37 Total RG Score | **5,539** Members | [View member stats](#)

110,646.03 Total Impact Pts | **27,706** Publications | [Add these stats to your site](#)

DEPARTMENTS | [View all](#)

- School of Medicine** | 1,967 Total Impact Points | 239 Members
- Institute of Psychiatry**

PUBLICATION HISTORY | [View all](#)

Article: A Mechanistic Approach To Studies Of The Possible Digestion Of Retrograded Starch By α -Amylase Revealed Using A Log Of Slope (LOS) Plot
Hamung Patel, Richard Day, Peter J. Butterworth, Peter R. Ellis
[Show abstract]
Carbohydrate Polymers 11/2014;
[Download](#) | [Bookmark](#)

Article: Controlling the surface charge of water droplets in non-polar oils
Andreas M. Schoeler, Dimitris N. Josephides, Shahriar Sajjadi, Patrick Mesquida
Colloids and Surfaces A Physicochemical and Engineering Aspects 11/2014; 461:18-21.
[Request full-text](#) | [Bookmark](#)

Article: 11. Transcriptomic analyses in the blood of HCV infected patients during IFN-a therapy: Identification of mechanisms underlying depression development
A. Cattaneo, N. Hepgul, V. Mondelli, A. Russel, A. Borsini, M. Hotopf, C.M. Pariante

5539 MEMBERS | [View all](#)

[Invite your colleagues](#)

TOP PUBLICATIONS LAST WEEK by downloads | [View all](#)

Job satisfaction and its related factors: a questionnaire survey of hospital nurses in Mainland China.
International Journal of Nursing Studies 05/2007; 44(4):574-88.

TOP COLLABORATING INSTITUTIONS

- University College London** | 185,981 Total Impact Points | 7288 Members
- Imperial College London** | 149,212 Total Impact Points | 5104 Members

COLLABORATIONS

This map visualizes which other institutions researchers from King's College London have collaborated with.

RG SCORE DISTRIBUTION

1200 x

INFORMATION

Address	Borough wing, Guy's Hospital, SE1 9RT, London, London, United Kingdom
Head of Institution	Prof Reba rezavi
Website	http://www.kcl.ac.uk/

SCIENCE & IMPACT | **ortuni**

The screenshot shows the Academia.edu interface. At the top, the logo 'academia.edu' is on the left, followed by a search bar containing 'king c'. To the right of the search bar are navigation links for 'Home' and 'Analytics', a user profile for 'Pascal', and an 'Upload Page' button. A dropdown menu is open under the search bar, showing 'King's College London (15,487 people)'. Below the search bar, the main header for 'King's College London' is displayed with an 'edit' link and the URL 'http://kcl.ac.uk/'. The main content area is titled 'A' and lists several categories with their respective counts: 'ALC 3 people', 'ALC- King's International Development Institute 1 person, 1 document', 'Addictions 6 people, 21 documents', 'Africa Leadership Centre 19 people, 6 documents', 'African Leadership Centre 1 person', 'Agricultural Engineering 7 people, 2 documents', and 'Air Force 1 person'. On the right side, there is a 'Invite People to Academia.edu' form with an input field 'enter email to invite' and a 'Send' button. Below the form is a 'Find your friends' link and a 'Report this University' section with options: 'as Spam', 'as Offensive', and 'as Fake'.



AN ALTERNATIVE : SOCIAL NETWORKS IN OPEN SOURCE

An interdisciplinary network

Enabling **collaboration** and discovery among **scientists** across all disciplines.

[Find out how your institution can participate](#)



- **1997**, created by Univ Cornell.
- millions \$ of investments national network for american Universities in life science
- **Open source**
- Semantic web and linked data (agregation of existing data)
- Optimize the use of social networks into an institution : visibility, thematics, research materials
- Share researchers profiles into the Vivo network (all institutions if connected)
- Link to knowledge objects as institutional repositories
- Discovery tools



<http://vivoweb.org>
in test at INRA



AUTHOR1

Positions

- Directeur de Recherche, [Abeilles et Environnement](#), [Santé des plantes et environnement](#)
- [Santé des plantes et environnement](#)

Publications in VIVO



54 in the last 10 full years



selected publications

academic article

[Characterization of the first honeybee Ca²⁺ channel subunit reveals two novel species- and splicing-specific modes of regulation of channel inactivation.](#) *Pflügers Archiv.* 465:985 – 996. 2013-01-01

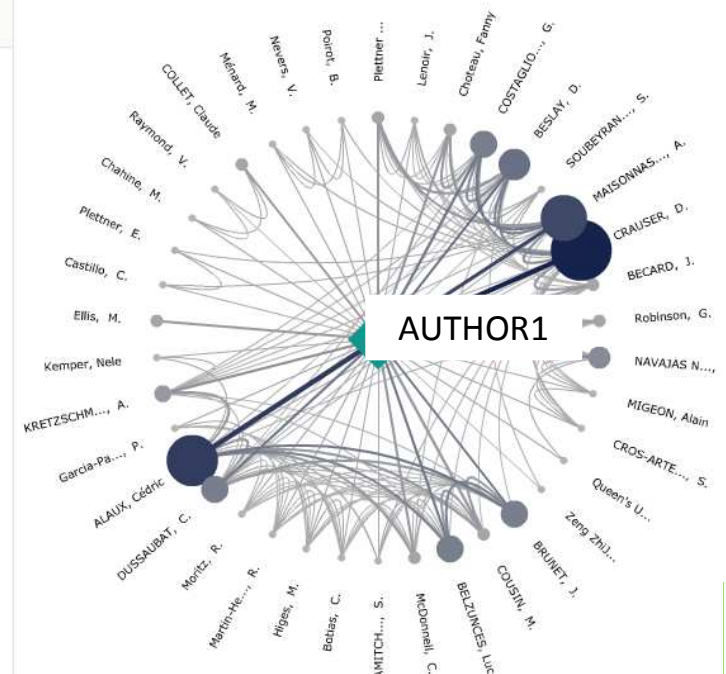
[Comparative study of *Nosema ceranae* \(Microsporidia\) isolates from two different geographic origins.](#) *Veterinary Microbiology.* 162:670 – 678. 2013-01-01

[Ecto- and endoparasite induce similar chemical and brain neurogenomic responses in the honey bee \(*Apis mellifera*\).](#) *BMC Ecology.* 13. 2013-01-01

[Flight behavior and pheromone changes associated to *Nosema ceranae* infection of honey bee workers \(*Apis mellifera*\) in field conditions.](#) *Journal of Invertebrate Pathology.* 113:42 – 51. 2013-01-01

[Flight behavior and pheromone changes associated to *Nosema ceranae* infection of honey bee workers \(*Apis mellifera*\) in field conditions.](#) *Journal of Invertebrate Pathology.* 113:42-51. 2013-01-01

[more...](#)



AUTHOR1 disciplines visualization

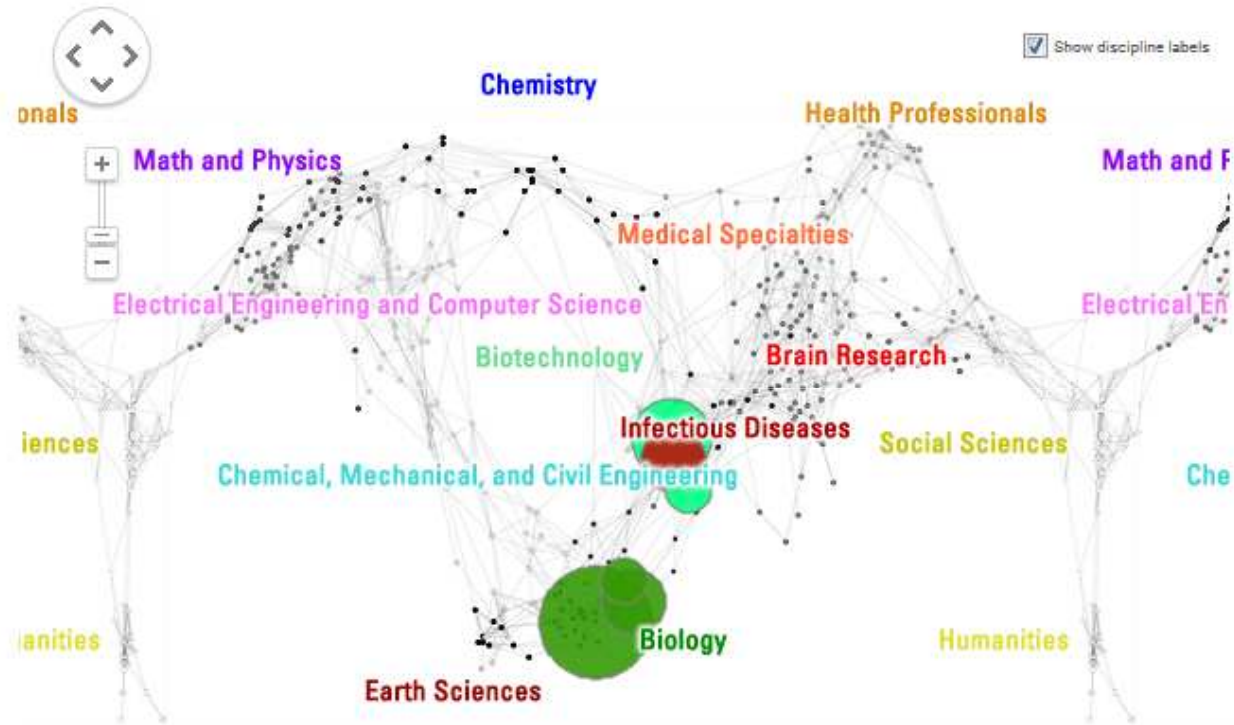
Explore activity (17 publications) across 554 scientific subdisciplines [i](#)

554 Subdisciplines | [13 Disciplines](#) [i](#)

Search: X [i](#)

1 - 13 of 554 [« First](#) [« Prev](#) [Next »](#) [Last »](#)

Subdisciplines	# of pubs.	% of activity
Insects	6.0	35.3
Biotechnology Trends	3.0	17.6
Insect Physiology	2.0	11.8
Veterinary Microbiology	2.0	11.8
Ecology	1.0	5.9
Genomics & Nucleic Acids	1.0	5.9
Molecular Biology Methods	1.0	5.9
Pest Management Science	1.0	5.9
Acoustics	0.0	0.0
Addictive Behavior	0.0	0.0
Aeronautics & Astronautics	0.0	0.0
Aerospace	0.0	0.0
Affective Disorders	0.0	0.0



Google

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Map updated by [SciTech Strategies](#), [OST](#), and [CNS](#) in 2011.

Conditions d'utilisation

mapped 53.13% of 32 publications [i](#)

[Save Unmapped Publications](#)

[Save All as CSV](#)





CONCLUSION

Interactions of Tools

Social Media



Social Networking

ResearchGate Academia.edu
share research

+ VIVO, Biomed experts ...

Discuss Science (hypothesis) before publication
Meet Collaborators

Open Repository



-Self archiving
once, read
many
-Sustainability

**Reference
Management**

MENDELEY
zotero

**Cris Current
Information
Research
Systems**

- Team
laboratory
level

Network / OR Open repository / CRIS Current Research Information System

	Network (private)	Open Repository	CRIS
Perenity	Not sure (business approach)	Long term	Long term
Visibility	Individual visibility	Institutional visibility	Team/laboratory visibility
Editing list / outputs	Almost no possibility	Lot a possibilities For work For Ressearch assessment	-
interactions	A lot about contents and with researchers	Some social functions	with others systems Cerif (EuroCris) model representation of research entities, their activities / interconnections (research) and their (results)
Sharing documents	Share = upload the document in each site	Self archiving once, share manv	Link with Open Repository

Trend : Researchers want to collaborate online

(Van Noorden , Nature 2014)

But sharing alone is not enough. Knowledge only becomes useful when we can distinguish between relevant and less relevant information, when we can discuss aspects of the information, when we can annotate and improve on ideas, when we can devise new approaches and collaborate online.

open science : free and unrestricted access to information and use interactive media to collaborate online

Olijhoek, Tom - Scientific social networks are the future of science



Lambert Heller

@Lambo



Following

Re academic platforms: "We're surrounded by honeypots... We haven't strategies / policies how to deal with them yet!"
(@R_Koenig at #pdsc14)

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Photo Nijenhuis, P. *Cold Wind Blowing*. 2013. <https://www.flickr.com/photos/peternijenhuis/8588133413/>.