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## Usages des réseaux sociaux académiques : enjeux et opportunités

Pascal Aventurier

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Submitted on 5 Jun 2020

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# Usages des réseaux sociaux académiques : enjeux et opportunités

Pascal Aventurier

28 mai 2015

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@Pascal\_Av



# Plan

- Contexte
- Définitions fonctionnalités et caractéristiques
- Les pratiques des chercheurs
- Présentation de ResearchGate Academia.edu
- Avantages et inconvénients
- Stratégies de communication scientifique
- Une alternative : VIVO
- Conclusion

# **Le contexte**

# Interactions d'outils



Réseau Recherche  
Découverte  
Echanges d'idées

ResearchGate



Academia.edu  
share research

+ VIVO, VOA3R, Biomed ...

Gestion  
de la bibliographie



## ...Et de technologies



Interconnexion  
avec Syst. Infor.

# Plus de 475 outils pour les chercheurs

<https://101innovations.wordpress.com/>



# Plus de 475 outils pour les chercheurs

<https://101innovations.wordpress.com/>

## Typical workflow examples



# Le potentiel du collaboratif :

ces sites ne pourraient pas être constitué  
par un projet ou une institution



WIKIPÉDIA  
L'encyclopédie libre

1, 3 million de pages



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Tela Botanica  
Le réseau de la botanique

19814 users, projets collaboratifs

Projets  
coopérer  
idées documents

Forums généralistes ou spécialisés, **projets botaniques** visant à produire des oeuvres collectives, cet espace sert à échanger et à produire de la connaissance. Choisissez parmi la soixantaine de projets et forums proposés celui qui vous correspond le plus et **participez !**

■ Mes projets ■ Participer ■ Sc. citoyennes ■ Tous les projets



# Réseaux généralistes

**facebook**



- <http://www.facebook.com/>
- ouverture en 2004/2006
- 1,39 milliard de comptes actifs,
- 2<sup>er</sup> site mondial (France : 2<sup>e</sup> et 54 % des internautes)

- <https://plus.google.com/>
- en 2011 par Google
- 540 millions de comptes

# Réseaux professionnels

**Linked in**

**viadeo**

- <http://www.linkedin.com/>
- ouverture en 2003 (Etats-Unis)
- 332 millions de comptes  
, seuls 27% des inscrits sont actifs),

- <http://fr.viadeo.com/fr/>
- ouverture en 2004 (France)
- 65 millions de comptes

D'après Aline Bouchard

<http://urfist.enc.sorbonne.fr/ressources/edition-scientifique/les-reseaux-sociaux-pratiques-et-enjeux-dans-la-recherche-et-la-carr> Chiffres 2015 <http://www.blogdumoderateur.com/>

# La blogosphère scientifique

## Une nouvelle communauté intellectuelle virtuelle


*« Bloguer ... est devenu une activité à la mode, accessible à chacun. Mais c'est aussi et surtout en passe de devenir une nouvelle façon de communiquer dans la communauté scientifique, et donc de recueillir de l'information scientifique. »*

Clara Delpas

<http://www.universcience.fr/fr/science-actualites/enquete-as/wl/1248100298666/quand-les-scientifiques-se-mettent-a-bloguer>

- La rédaction de billets sur un blog pour les chercheurs
  - un moyen de diffuser facilement les résultats de la recherche,
  - de donner une information rapide sur les événements scientifiques,
  - de partager directement les connaissances, d'échanger, de débattre...
  - un canal d'expression fort obligeant à sortir de son laboratoire et de sa recherche pour se confronter à un public élargi (pairs, financeurs, grand public ...)

# Blogs de Science



presented by **Spektrum** in association with **nature.com**

**THE DAILY STORYLINE OF SCIENCE**

Home | Blogs

### RECENT POSTS

RSS

#### Birth of the blue morphos

Posted by [GriffScientist](#) in [Maniraptora](#)

SUMMARY: Today's "Museum Monday" features a visit to the Natural History Museum's new Sensational Butterflies exhibition, where we watch a time-lapse video of their blue morpho butterflies emerging from chrysalises. The Natural History Museum's filmmakers recently captured a time-lapse video of the first of their blue morpho butterflies emerging from their chrysalises. These butterflies are now on view in their "Sensational Butterflies" exhibition. Several species of butterflies are commonly known as "blue morphos" so the specific (species) name often precedes

[Read more](#)

18 May 2015 | 0 comments



0 LIVRES | 398 REVUES | 1046 CARNETS | 0 ÉVÉNEMENTS

Catalogue des revues

RECHERCHER

## Catalogue des carnets de recherche

CRITÈRES SÉLECTIONNÉS

1046 carnets de recherche sélectionnés

Toutes les publications

1 2 3 4 5 ... 35 →

AFFINER LA RECHERCHE

TRIER PAR NOUVEAUX AJOUTS ↓

NOMBRE DE RÉSULTATS 30 ↓

THÈMES +

DISCIPLINES +

LANGUES +

PAYS DE PRODUCTION +

TYPES DE CARNETS +

### Le clin de l'oeil

Carnet de recherche d'Audrey Leblanc

Notice | Site


Au catalogue depuis le 13 mai 2015

### Désert oriental

Carnets de la mission archéologique française du désert oriental

Notice | Site

Au catalogue depuis le 13 mai 2015




#### New to Science Blogging #9 – The Science Gumbo Blog

Posted by [Paige Brown Jarreau](#) in [From The Lab Bench](#)

This post is the ninth in an ongoing guest series on my blog featuring science bloggers who recently got their start in the science blogosphere. This series of post I've been inviting from new science bloggers, or anyone who started blogging about science in the last year or so, is helping to paint a picture of how science bloggers get their start today. Cross-posted at [FromTheLabBench.com](#) -- Ninth up in the "New to Science Blogging" series is [Heather Soulen](#). Heather is a research technician at the Smithsonian Environmental...

[Read more](#)

17 May 2015 | 0 comments



#### Morsels For The Mind – 15/05/2015

Posted by [Malcolm Campbell](#) in [Six Incredible Things Before Breakfast](#)

# Open Science

Ensemble de pratiques, fondées sur le recours à l'[Internet](#) et aux outils du [web social](#), qui touchent l'ensemble de la démarche savante, de la formulation de questions et d'hypothèses à la diffusion des résultats de recherche (Wikipedia)

🌸 Les réseaux sociaux en sont une composante à condition de donner des garanties sur les contenus

🌸 Voir le programme Open Science dans Horizon 2020 : Open Access et Open Data

<http://ec.europa.eu/programmes/horizon2020/en/h2020-section/open-science-open-access>



# open science

*Changement technologique mais  
surtout **changement culturel***

.....  
“The digital revolution could herald a new era of “open science” where scientists freely and easily share published work, experimental data, ideas and opinions...”  
.....

Rinaldi, A. (2014). Spinning the web of open science: Social networks for scientists and data EMBO sharing [10.1002/embr.201438659](https://doi.org/10.1002/embr.201438659)

Source L'hostis & Decognet .2015 . Infodoc Express INRA .

# RANKING WEB OF REPOSITORIES

Universities

Hospitals

Business Schools

Research Centers

SEARCH

HOME

NORTH AMERICA

LATIN AMERICA

EUROPE

ASIA

AFRICA

ARAB WORLD

OCEANIA

BY AREAS

TOP INSTITUTIONALS

TOP PORTALS

Portals

Réseaux sociaux académiques : principaux réservoirs mondiaux de contenu

## About Us

- About Us
- Contact Us

## About the Ranking

- Methodology
- Objectives

## Resources

- Best Practices
- Links



## Top Portals

World Rank	Portal	Country	Size	Visibility	Files Rich	scholar
1	<a href="#">ResearchGate</a>		2	2	1	2
2	<a href="#">Academia.edu</a>		6	1	25	11
3	<a href="#">Scientific Electronic Library Online Brazil SciELO Brazil</a>		4	5	6	3
4	<a href="#">HAL Hyper Article en Ligne</a>		10	4	2	9
5	<a href="#">China National Knowledge Infrastructure</a>		3	7	134	1
6	<a href="#">DIALNET</a>		7	11	3	5
7	<a href="#">DiVA Digitala Vetenskapliga Arkivet Academic Archive On-line</a>		15	9	7	7
8	<a href="#">Berkeley Electronic Press Bepress</a>		1	10	34	13
9	<a href="#">Revues.org</a>		18	8	73	10
10	<a href="#">Scientific Electronic Library Online Chile SciELO Chile</a>		12	16	22	14
11	<a href="#">SID Scientific Information Database</a>		25	29	9	6
12	<a href="#">Portal of Scientific Journals of Croatia Hrčak</a>		47	22	28	8
13	<a href="#">Scientific Electronic Library Online Mexico SciELO México</a>		8	19	32	18
14	<a href="#">Scientific Electronic Library Online SciELO</a>		59	3	49	58
14	<a href="#">Thèses en Ligne TEL</a>		27	18	14	20

# Réseaux / Editeur

- Sont favorables à l'autopromotion des chercheurs
- Mais souhaitent contrôler les réseaux (Elsevier achète Mendeley en 2013)
- ResearchGate autorise les éditeurs à supprimer des fichiers dans sa base de données
- Article déposés par les chercheurs sans respecter le copyright « éditeur »
- Bouton : Request fulltext chez Researchgate

# Elsevier is taking down papers from Academia.edu

- † December 6, 2013
- Unfortunately, we had to remove your paper, Resolving the question of trypanosome monophyly: a comparative genomics approach using whole genome data sets with low taxon sampling, due to a take-down notice from Elsevier.
- Academia.edu is committed to enabling the transition to a world where there is open access to academic literature. Elsevier takes a different view, and is currently upping the ante in its opposition to academics sharing their own papers online.
- Over the last year, more than 13,000 professors have signed a petition voicing displeasure at Elsevier's business practices at [www.thecostofknowledge.com](http://www.thecostofknowledge.com). If you have any comments or thoughts, we would be glad to hear them.
- The Academia.edu Team



Repository Content



Repository



## Statement against Elsevier's sharing policy

### Organizations around the world denounce Elsevier's new policy that impedes open access and sharing

On April 30, 2015, Elsevier **announced** a new sharing and hosting policy for Elsevier journal articles. This policy represents a significant obstacle to the dissemination and use of research knowledge, and creates unnecessary barriers for Elsevier published authors in complying with funders' open access policies. In addition, the policy has been adopted without any evidence that immediate sharing of articles has a negative impact on publishers subscriptions.

Despite the claim by Elsevier that the policy advances sharing, it actually does the opposite. The policy imposes unacceptably long embargo periods of up to 48 months for some journals. It also requires authors to apply a "non-commercial and no derivative works" license for each article deposited into a repository, greatly inhibiting the re-use value of these articles. Any delay in the open availability of research articles **curtails scientific progress and places unnecessary constraints on delivering the benefits of research back to the public.**

*COAR as a global repository network provides effective support to our University's research and researchers increasing the impact of their research output, by increasing its visibility.*

—Konstanze Söllner, Library Director  
Friedrich-Alexander University  
Erlangen-Nürnberg, October 2014

*University of Nairobi's membership to COAR is a milestone in its effort to increase the visibility and impact of its research outputs as well as enhancing its collaboration with the global research community and will act as an impetus to other institutions at the national and regional level to promote the open access initiative.*

<http://www.coar-consortium.org/activities/advocacy-leadership/petition-against-elseviers-sharing-policy/>

**Depuis le 30 avril 2015  
Dépôt du manuscrit dans  
les archives  
institutionnelles  
et les pages personnelles**

**Avec un embargo jusqu'à  
48 mois**

**Effet rétroactif pour des  
publications déjà mises  
suivant l'ancienne  
politique**

# Définitions fonctionnalités et caractéristiques

# LES RSNR (depuis 2008)

- 3 fonctions principales
  - Trouver des chercheurs/experts
  - Trouver des articles pertinents
  - Promouvoir ses recherches
- Des fonctions secondaires
  - Gérer/partager sa bibliographie
  - Echanger à travers des groupes ou des thématiques
  - Valider des écrits (peer-review, co-écrire)
  - Partager des informations
  - Suggérer des collaborations et participer à des travaux collaboratifs.

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

# Qu'est ce qui définit un RSNR (1) ?

- La gestion de l'identité (profil)
- Le partage de ressources
- Les échanges interpersonnels (chat, visioconf, audioconf, questions/réponses, forums ... )
- Le réseautage
- Les fonctions de découverte (contenu ou personnes)
- Les communautés : constitution de groupes (par thématique, par institution ou autre)

	Academia.edu	ResearchGate	Mendeley
<b>Coverage</b>	All	All	All
<b>Network size</b>	21 million	6 million	1.6 million
<b>Full-text</b>	1.6 million	45 million	200 million
<b>Analytics</b>	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
<b>Collaborators</b>	Yes	Yes	Yes
<b>Job</b>	Yes. Via job board. Can load CV.	Yes. List skills and Expertise.	Yes. Can load CV.
<b>Funds</b>	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
<b>Share files</b>	Papers, data, Github	Papers, data, patents	Papers
<b>Link to OA or external URL</b>	Yes	No. Except if you have load the full-text.	Yes
<b>Request full text button</b>	No	Yes	No
<b>Access</b>	Free	Free	Free Fee for premium / institutional version
<b>Privacy Profile</b>	Public but Analytics can be private	Everyone/ mutual followers/ researchgate members / none	Everyone/ Followers/ Only me
<b>Privacy : notifications by e-mail</b>	Many options	Many options	Many options
<b>Bibliographic functions</b>	Import manual No export	Import manual No export	Import and export function
<b>adding publication data manually</b>	y	y	y
<b>Biography and Curriculum</b>	y	y	y
<b>adding publications (semi)automatically</b>	Crossref + Microsoft AS+ PubMed + ArXiv	PubMed + IEEE + CiteSeer + RepEc + BMC	many search engines + import RIS or BibTeX

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

# Etat des lieux des RSNR

## Comparatif de 12 Réseaux en recherche

Academia.edu, Biomed ~~Experts~~, BioWebSpin,  
Epernicus, LabRoots, Mendeley, MyScienceWork,  
Nature ~~Networks~~, Researchgate, Vivo, ~~VCA3R~~, Zotero

~~X~~ N'existent plus !

- Études des différentes fonctionnalités
- Analyse en Force Faiblesse Opportunité Menace SWOT pour les chercheurs et les institutions
- Identification des réseaux s'appuyant sur l'open access et l'open source
- Pérennité des RSNR ?

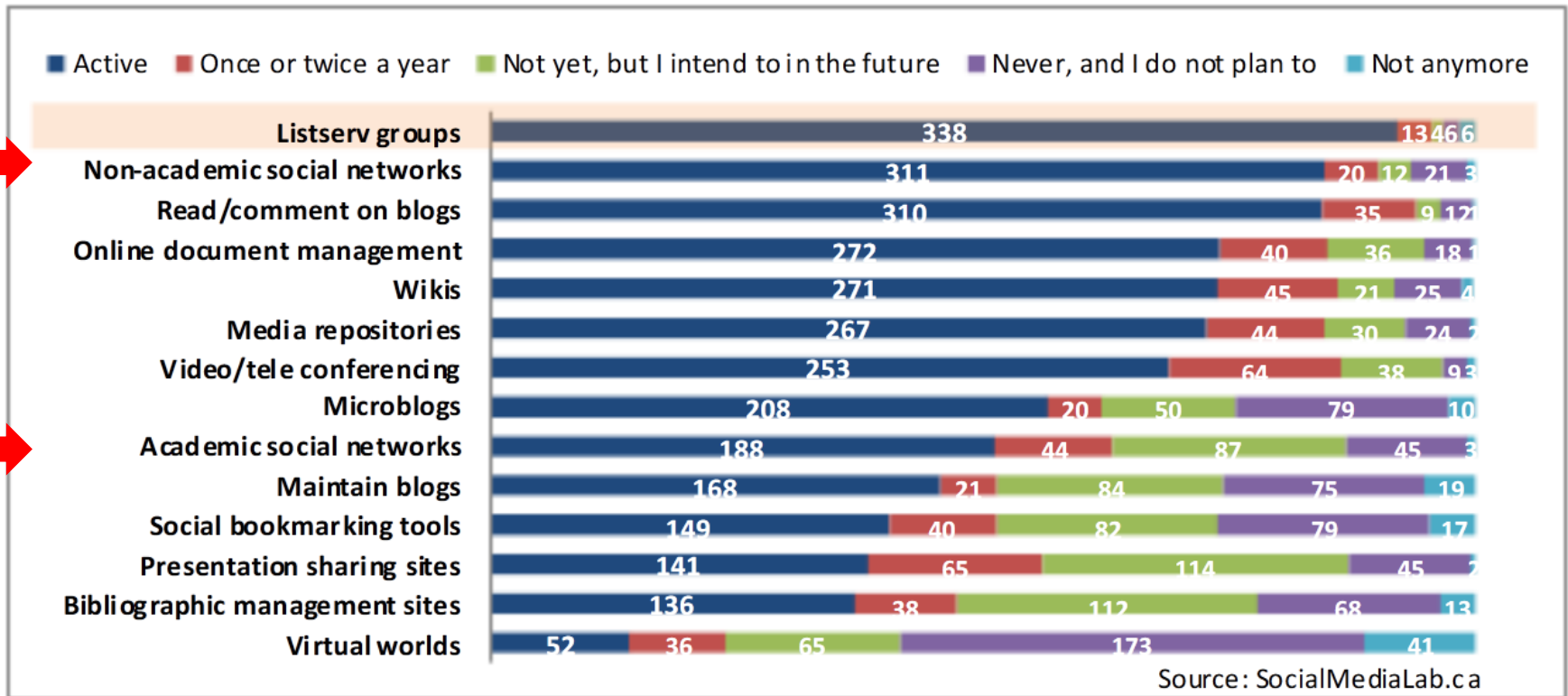
[Aventurier, P., Cocard, S. \(2013\). Les réseaux sociaux pour les scientifiques. Presented at La science 2.0. séminaire des professionnels IST, Seillac, FRA \(2013/04/09-11\).](#)

# Les pratiques des chercheurs



# Etat des lieux – monde académique

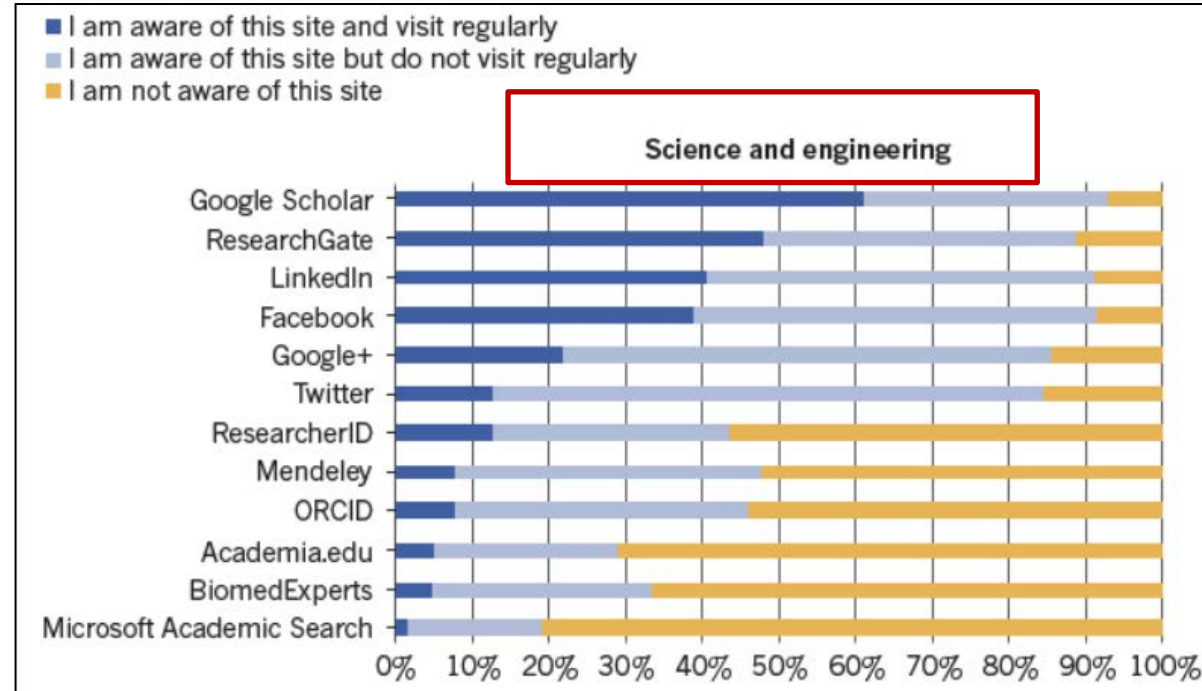
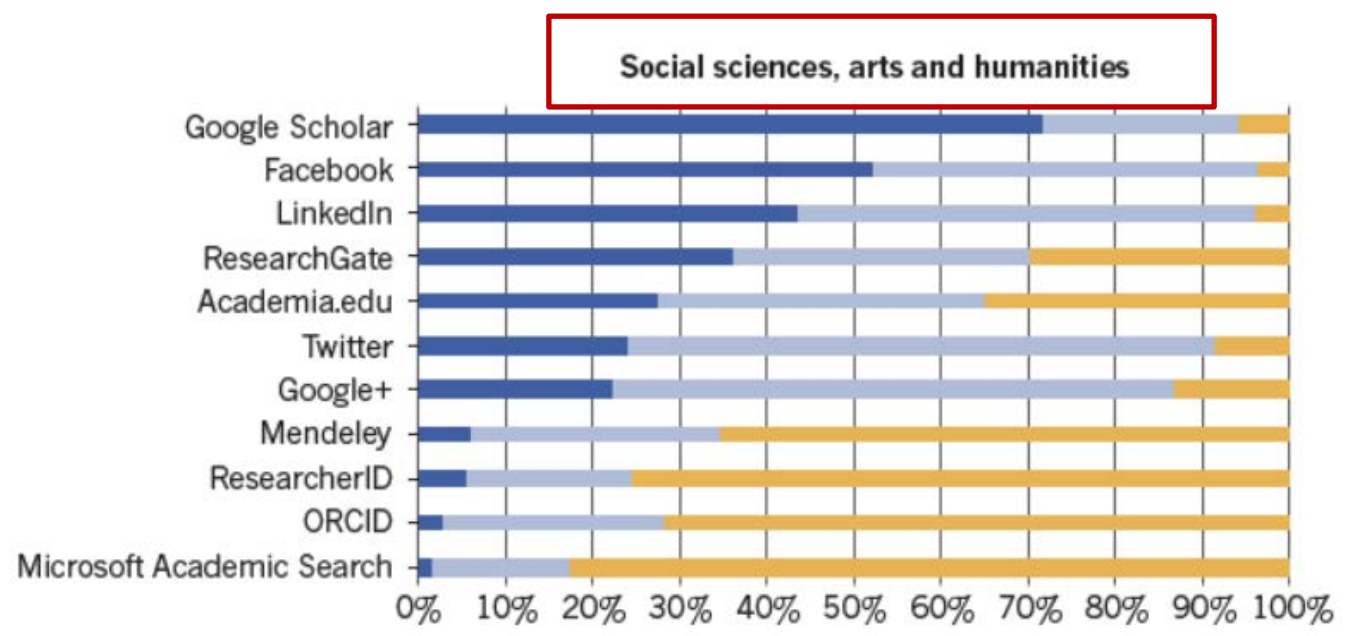
## Communautés scientifiques



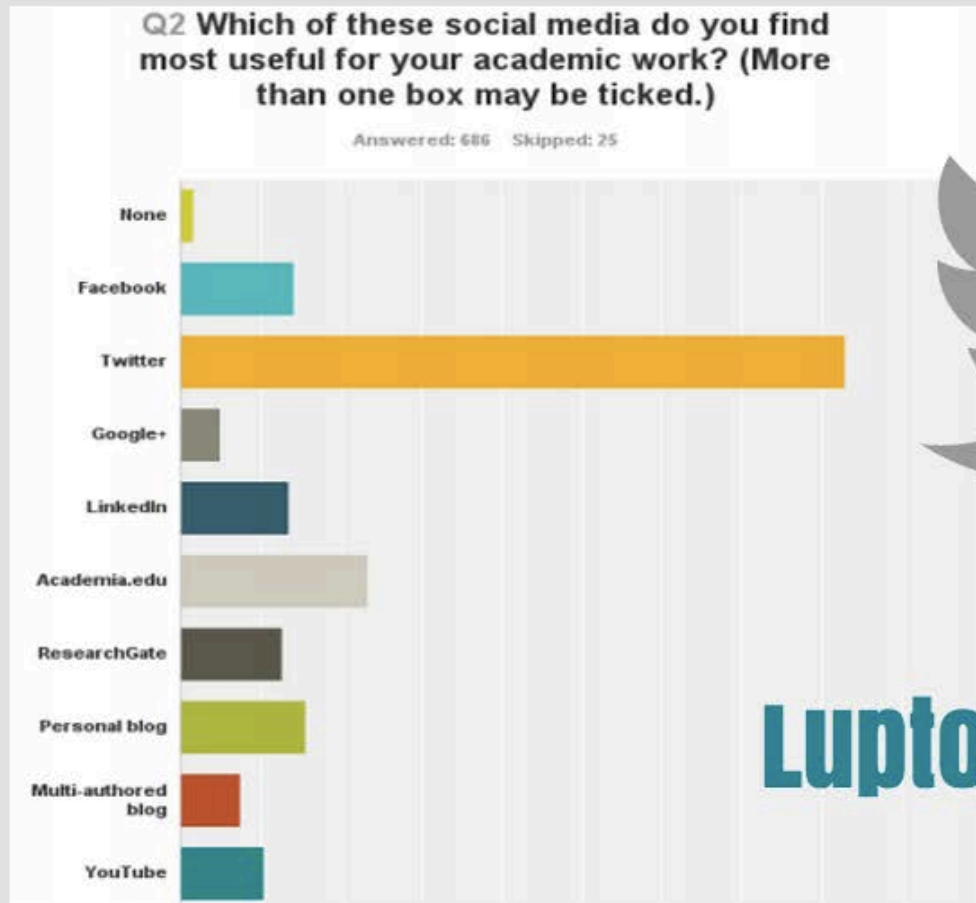
**Figure 1. Ranking of Social Media Based on the Frequency of Use in Academic Communities for Professional Purposes**

D'après <http://fr.slideshare.net/URFISTParis/rseaux-sociaux-acadmiques>. ALine Bouchard 2013 URFIST Paris

**Source : A. Gruzd et al., 2012**



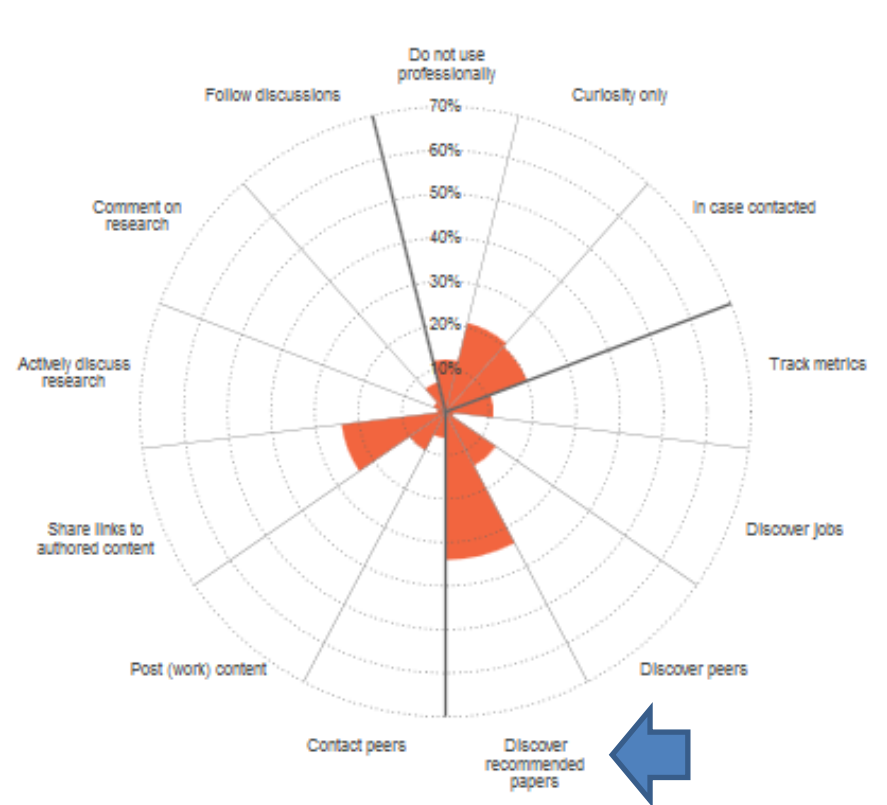
# scholars in the open



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

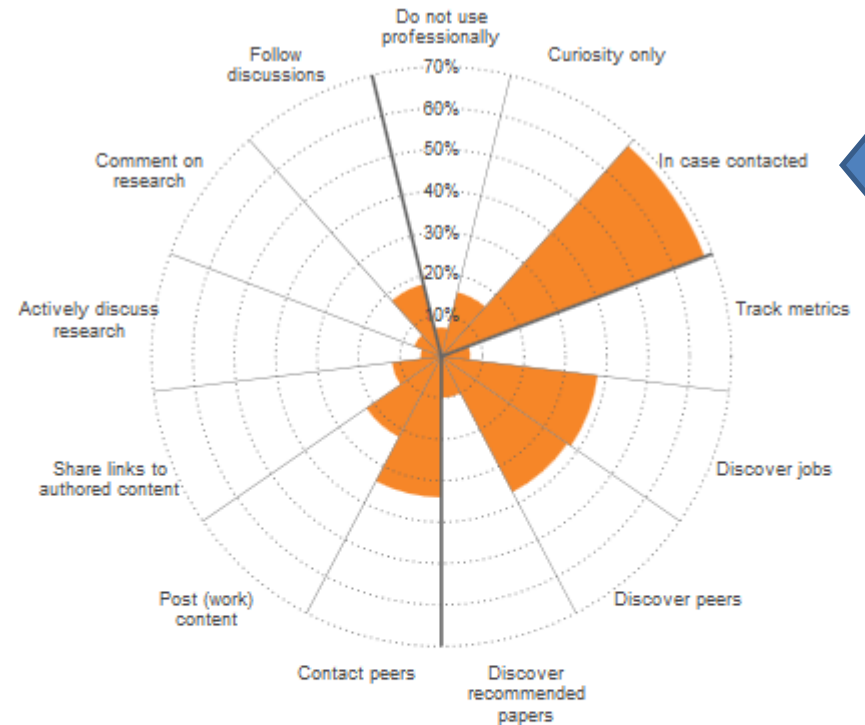


- Twitter (330 regular visitors)
- Facebook (340 regular visitors)
- LinkedIn (389 regular visitors)
- ResearchGate (1,589 regular visitors)
- Academia.edu (283 regular visitors)
- Mendeley (198 regular visitors)

## Voices from the survey

*"I use Mendeley only as a scientific-paper browser and source."*

MELENDELY USER, AGE 25-34, UNITED STATES, RESEARCH SCIENTIST



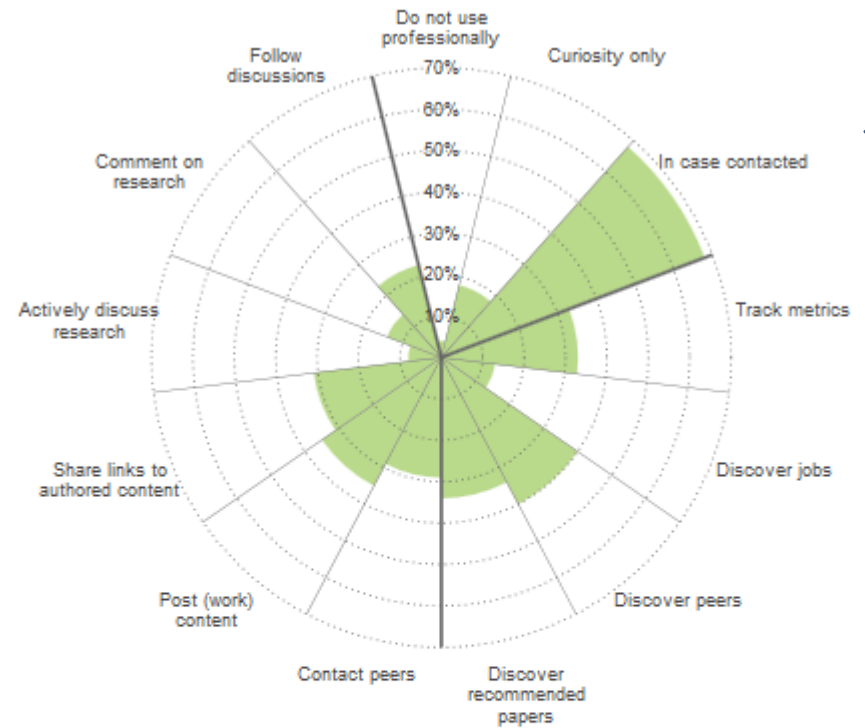
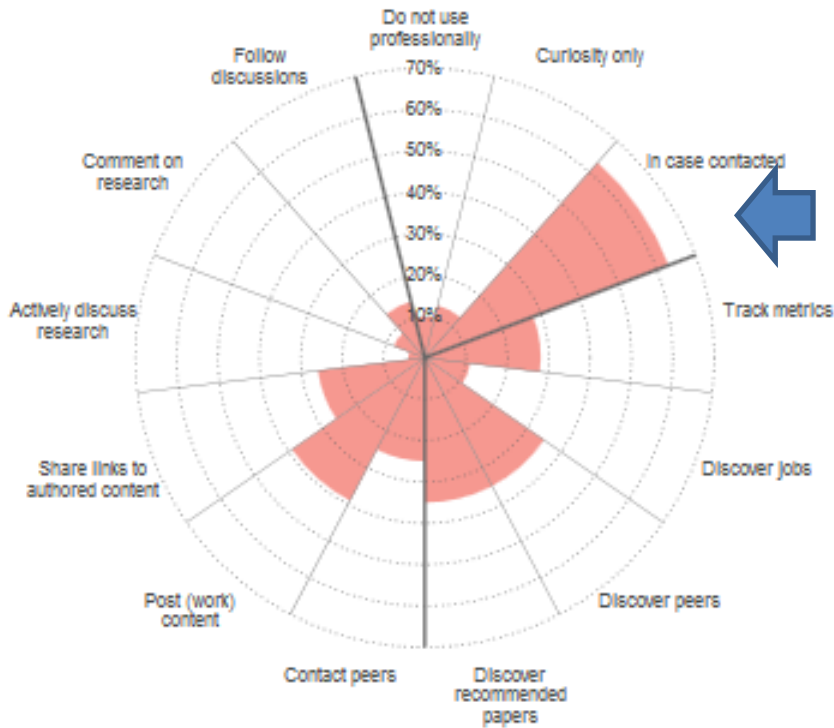
- Twitter (330 regular visitors)
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- ResearchGate (1,589 regular visitors)
- Academia.edu (283 regular visitors)
- Mendeley (198 regular visitors)

## Voices from the survey

*"Seems business orientated."*

LINKEDIN USER, AGE 55-64, UNITED KINGDOM, LECTURER

# 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  
*"It seems to be just a place to list my research outputs."*  
 ACADEMIA.EDU USER, AGE 45-54, CHINA, ASSOCIATE PROFESSOR

- 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  
*"Metrics may have some interest."*  
 RESEARCHGATE USER, AGE 45-54, UNITED STATES, RESEARCH SCIENTIST

Richard Van Nordeen Nature <http://www.nature.com/news/online-collaboration-scientists-and-the-social-network-1>.

**Les réseaux sociaux sont utilisés plutôt comme LinkedIn**

UNIVERSITÉ DE NICE  
**DE L'ÉDITION ÉLECTRONIQUE OUVERTE**

12 - 16  
 SEPTEMBRE 2011

## Enquête sur les Pratiques Informationnelles des chercheurs

Gabriel Gallezot & Michel Roland  
 Urfist de Nice

avec  
 Charline Leblanc (I3M), Anne Paris/Dicen), Camille Cl... (Dicen)

**2011 : 42 %**

(Gallezot & Roland, 2011)

**LES FONDAMENTALES**  
 Le forum du CNRS

Que reste-t-il à découvrir ?

Présentation de l'enquête  
 « L'usage des réseaux sociaux par les scientifiques »

**2013 : 70 %**  
 des chercheurs

(Perucca, 2013)

occurrence  
 études et conseil en communication

**Observatoire des métiers de la communication dans l'enseignement supérieur**  
 Enquête auprès des membres de l'ARCES

Vague 5 – Juin 2013

Synthèse

Observatoire certifié ISO 9001:2000 Mars 2014

(ARCES, 2013)

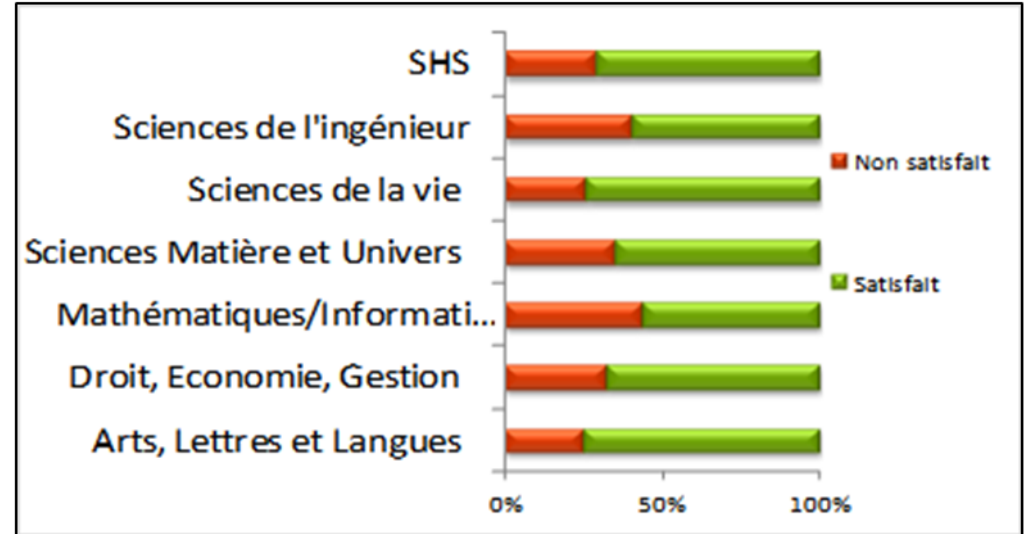
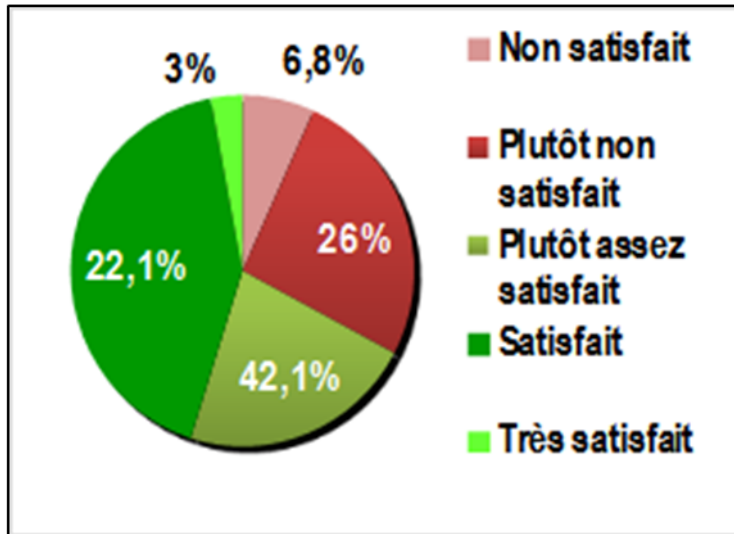
Les organismes de recherche face aux réseaux sociaux

Une multi-agents Research

(Joly, Okret-Manville, & Vignier, 2014)



# RSDR et satisfaction



66% utilisateurs « satisfaits »

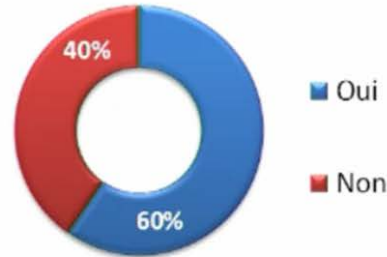
- Répondants des disciplines grandes utilisatrices sont plus satisfaits : Science de la vie, SHS
- Math./Info. : insatisfaits parce que connaisseurs ?
- Sc. Ingénie. : insatisfaits parce que peu connaisseurs ?

# Réseaux sociaux et Open Access, la perception des chercheurs français

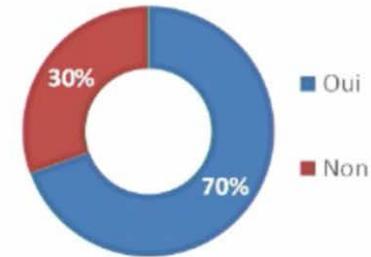
(Etude Couperin – 2014)

Questionnaire  
28 questions  
+ entretiens  
(mai-juin 2014)  
→ 1698 réponses

## Chercheurs et RSDR



Connaisseurs - 60% tous répondants



Utilisateurs - 42% tous répondants

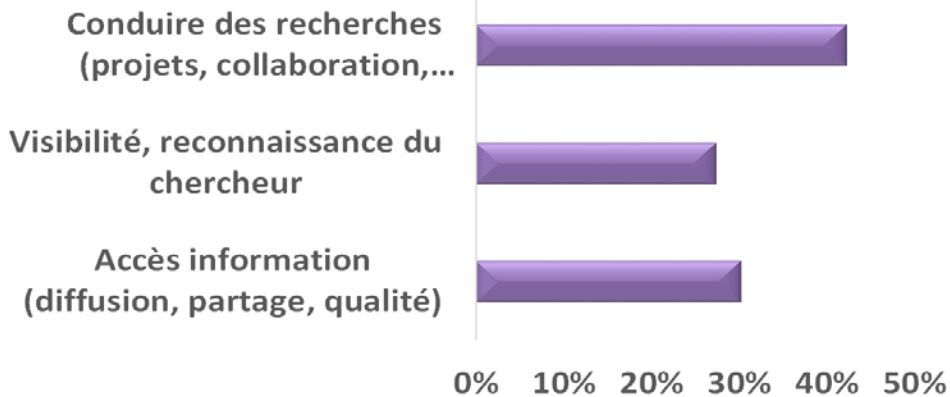
### Connaisseurs non utilisateurs : 18% (308 personnes)

- 21% : réseaux inutiles, superficiels
- 20% : sans intérêt pour moi
- 16% : pas de temps à consacrer aux RSDR
- 14% : manque d'information
- 7% : services inadéquats
- Absence de maîtrise des données privées et professionnelles

Exposé M. Joly  
[Carrefours de l'IST – Nancy \(nov 2014\)](#)



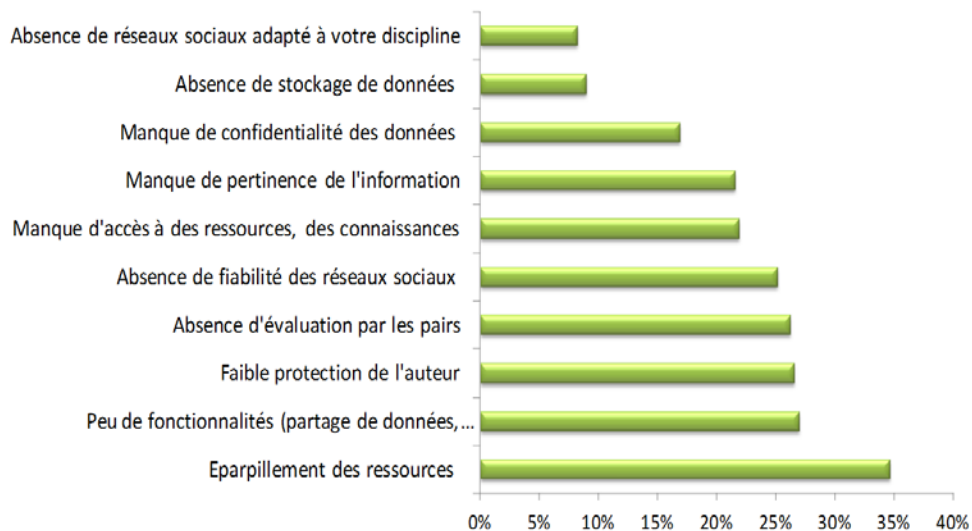
# RSDR : Apports



2187 réponses, pour 12 critères par 705 répondants

(Etude Couperin – 2014) suite

# RSDR : Limites



1529 réponses, sur 10 critères par 705 répondants

# Pb des affiliations

Déclaration par les auteurs : manque d'homogénéité et d'usages des nouveaux noms : exemple **universités de Bordeaux** (données de mars 2015)

	ResearchGate	Academia
Nombre de membres de qqs établissements bordelais au 31/03/2015	Université de Bordeaux : 681 <i>Problèmes de décompte pour l'établissement Université de Bordeaux (données au 31/03/2015) : Université Bordeaux 1 (682 membres) ; Université Bordeaux Segalen (612 membres) ; Université Bordeaux IV (78 membres)</i> Université Bordeaux Montaigne : 112 Sciences Po Bordeaux : 18	Université de Bordeaux : 267 <i>Problèmes de décompte pour l'établissement Université de Bordeaux (données au 31/03/2015) : Université Bordeaux 1 (1 membre) ; Université Bordeaux Segalen (200 membres) ; Université Bordeaux IV (194 membres)</i> Université Bordeaux Montaigne : 978 Sciences Po Bordeaux : 188

# Pas d'utilisation Sociale ni collaborative

- L'usage des réseaux sociaux académiques « n'est pas du tout social et est peu interactif » ([C. P. Hoffmann et al.](#)). Quant aux contenus échangés, il s'agit surtout de partage de publications, rarement de données de la science, de savoir-faire ou de conseils. Ce ne sont **pas davantage des outils de travail collaboratif**. Comme le souligne un consultant interrogé par *Nature*, « ce sont des outils que les gens utilisent pour mettre en valeur leur profils et être trouvés plus facilement, ce ne sont pas des outils communs d'interaction sociale » ([D. Auclair](#)).

# Présentation

ResearchGate

academia.edu



MENDELEY

Google Scholar




# RG Modèle économique

- Entreprise berlinoise, régie par les lois allemandes et européennes
- Différents investisseurs
- Pas de revente des données des utilisateurs à des tiers
- Services :
  - gratuits pour les scientifiques
  - payants pour les entreprises : visibilité plus grande de leur proposition d'emplois
  - perspective : développer un marché payant de produits et services scientifiques

Sources : [Connecting the Dots of Science \(janvier 2014\) par Karen Khurana](http://www.crunchbase.com/organization/researchgate)  
<http://www.crunchbase.com/organization/researchgate>

# ResearchGate - Search


ResearchGate

Home Topics Publications Projects more 0    

## 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](#)

# RG Exemple d'un profil

ResearchGate

Q&A Publications Jobs

Send message

PhD  
Research Director  
French National Institute for ... - Génétique et Amélioratio...

37.39

OVERVIEW CONTRIBUTIONS **INFO** STATS RG SCORE

### SKILLS AND EXPERTISE (17)

9 Plant Physiology +

7 Genetic Diversity +

6 Genetic Association +

5 Molecular Plant Breeding + 5 Plant Biology + 5 Plant Genetics +

5 Fruit Quality + 4 Horticulture + 4 Plant Genomics +

Show more

### TOPICS (9)

Agricultural Plant Science Plant Biotechnology Plant Biology Plant Physiology Horticulture

Plant Breeding Plant Genetics Research Funding and Scholarship

### RESEARCH EXPERIENCE

Jan 2001– Dec 2011 INRA - Institut National de la Recherche Agronomique · Génétique et Amélioration des Fruits et Légumes (GAFL)  
France · Paris

Sep 1989– Sep 1990 Postdoc  
Cornell University  
United States · Ithaca

Sep 1985– Mar 1989 PhD Student  
Université Paris-Sud 11

### 180 FOLLOWERS

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### 50 FOLLOWING

View all

### DISCIPLINES

Ag Agricultural Science  
Agricultural Plant Science  
Horticulture

### YOU FOLLOW THIS RESEARCHER

Block researcher Unfollow researcher

Export vCard Flag profile

### Pascal, does Mathilde Causse have these skills or expertise?

Horticulture x Plant Genetics x Genetic Association x

Add another skill

Learn more | Do this later **Endorse**

# RG Exemple du profil d'un organisme

[http://www.researchgate.net/institution/French\\_National\\_Institute\\_for\\_Agricultural\\_Research](http://www.researchgate.net/institution/French_National_Institute_for_Agricultural_Research)

Création du profil par ResearchGate. Pas de contrôle par l'organisme

French National Institute for Agricultural Research  
Paris, France

Invite colleagues

OVERVIEW | CONTRIBUTIONS | DEPARTMENTS | MEMBERS | MEMBER STATS

Σ 49,631.02 Total RG Score from 3,028 Members View member stats

Σ 34,018.50 Total Impact Pts from 10,192 Publications Add these stats to your site

Direction de la Valorisation - Information Scientifique et Technique (DV-IST)  
Update to an official department

3028 MEMBERS View all

INSTITUTION PROJECT View all

anton New Updated Jun 3, 2013

Réseaux Sociaux en Recherche Updated Apr 6, 2013

Invite your colleagues

Apparaît dans le profil → RG demande si il faut le créer



# RG Contributions d'un profil

The image shows a ResearchGate profile page for a user with a PhD and Research Director position at the French National Institute for Genetic and Agricultural Improvement. The profile features a 'Send message' button and a '37.48' RG score. The 'CONTRIBUTIONS' tab is highlighted with a red box. Below this, the 'PUBLICATIONS' section is sorted by 'Newest' and shows two articles. The first article, 'Resource competition modulates the seed number-fruit size relationship in a genotype-dependent manner...', is highlighted with a red box. The second article, 'Genome Wide Association in tomato reveals 44 candidate loci for fruit metabolic traits.', is also highlighted. A red bracket on the right side of the page groups the 'PUBLICATIONS' section and the 'TOP CO-AUTHORS' section. The 'TOP CO-AUTHORS' section lists five authors: Stéphane Muñoz, Christophe Rothan, Rebecca Stevens, Nadia Bertin, and Marc Lahaye, each with a 'Follow' button.

Find your profile photo

PhD  
Research Director  
French National Institute for ... - Génétique et Amélioratio...

Send message

37.48

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

PUBLICATIONS Sorted by: Newest

Source

Download Bookmark

Article: **Resource competition modulates the seed number-fruit size relationship in a genotype-dependent manner: A modeling approach in grape and tomato**  
Marion Prudent, Zhan Wu Dai, Michel Génard, Nadia Bertin, Mathilde Causse, Philippe Vivin  
[Show abstract]  
Ecological Modelling 09/2014; 290:54-64. · 2.07 Impact Factor

Article: **Genome Wide Association in tomato reveals 44 candidate loci for fruit metabolic traits.**  
Christopher Sauvage, Vincent Segura, Guillaume Bauchet, Rebecca Stevens, Phuu Thi Do, Zoran Nikoloski, Aldebarán D...

SUMMARY

PUBLICATIONS · 95

- Articles · 90
- Books · 1
- Chapters · 2
- Conference Papers · 2
- Full-texts · 29

100% of RG SCORE

QUESTIONS

ANSWERS

FOLLOWERS · 184

CITATIONS · 2668

TOP CO-AUTHORS View all

- Stéphane Muñoz** | 22.83 · | 73.7 · (8) Follow  
L'Institut national de la recherche a...
- Christophe Rothan** | 33.69 · | 250.93 · (8) Follow  
French National Institute for Agricult...
- Rebecca Stevens** | 26.84 · | 100.94 · (8) Follow  
French National Institute for Agricult...
- Nadia Bertin** | 30.99 · | 159.97 · (8) Follow  
French National Institute for Agricult...
- Marc Lahaye** | 36.59 · | 221.14 · (6) Follow  
French National Institute for Agricult...

# RG Exemple du profil d'un organisme

[http://www.researchgate.net/institution/French\\_National\\_Institute\\_for\\_Agricultural\\_Research](http://www.researchgate.net/institution/French_National_Institute_for_Agricultural_Research)

ResearchGate

French National Institute for Agricultural Research...  
Paris, France

Invite colleagues

OVERVIEW | CONTRIBUTIONS | **DEPARTMENTS** | MEMBERS | MEMBER STATS

**DEPARTMENTS** View all

- Microbiologie de l'Alimentation au Service de la Santé Humaine (MICALIS)**  
41 Total Impact Points | 107 Members
- Institut Jean-Pierre Bourgin**  
909 Total Impact Points | 70 Members
- Department of Environment and Agronomy**  
4 Total Impact Points | 63 Members

Find a department

**PUBLICATION HISTORY** View all

Article: **Multiplex variable number of tandem repeats for Oenococcus oeni and applications.**  
Olivier Claisse, Aline Lonvaud-Funel  
[Show abstract]  
Food Microbiology 04/2014; 38:80-6.  
Request full-text | Bookmark

Article: **URban Biotopes of Aotearoa New Zealand (URBANZ) II : Floristics, biodiversity and conservation values of urban residential and public woodlands, Christchurch**  
Glenn H. Stewart, Colin D. Meurk, Maria Ignatieva, Hannah L. Buckley, A. Magueur, B. S. Case, M. Hudson, M. Parker  
[Show abstract]  
Urban Forestry & Urban Greening 03/2014; 8(3):140-162.  
Download | Bookmark

**TOP COLLABORATING INSTITUTIONS**

- French National Centre for Scientific Research**  
179,567 Total Impact Points | 4793 Members
- French Institute of Health and Medical Research**  
70,718 Total Impact Points | 2213 Members

**COLLABORATIONS**

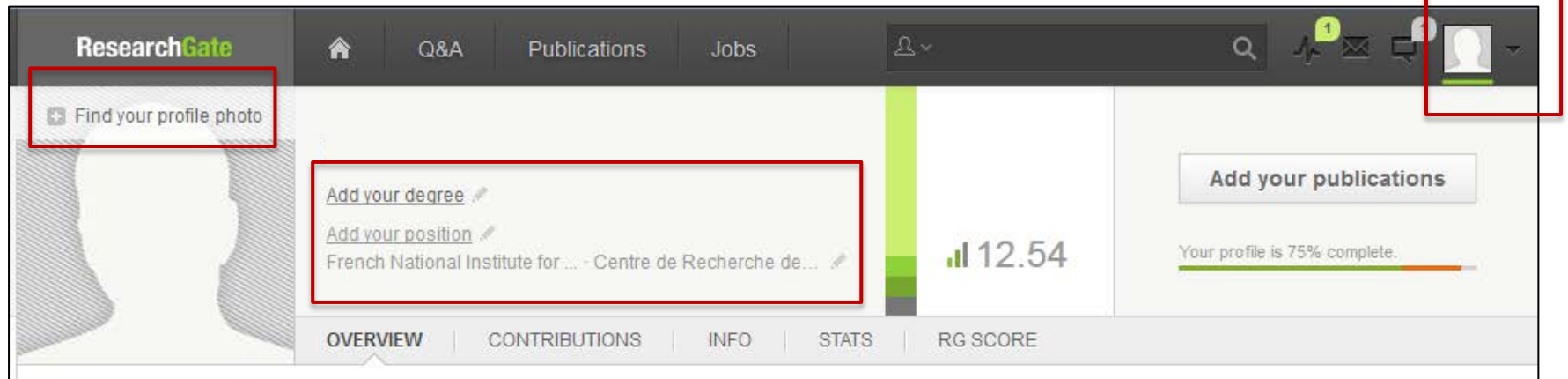
This map visualizes which other institutions researchers from French National Institute for Agricultural Research have collaborated with.


Profils des départements / collaborations créés à partir des :

- profils des auteurs
- affiliations des auteurs dans les publications

# RG Personnalisation

Enrichir le profil en décrivant votre diplôme, en complétant vos coordonnées, en ajoutant une photo,



- Organisme : choisir Inra (plutôt que Inra Toulouse ...)
- Département : choisir un niveau agrégateur (unité, département Inra ou centre)
- Photo personnelle : utiliser préférentiellement une même photo pour tous vos comptes de réseaux sociaux
- Adresse email de votre organisme d'affiliation 

# RG Personnalisation

Interface de votre profil : l'enrichir en décrivant vos compétences, discipline scientifique, vos publications

Find your profile photo

[Add your degree](#) ✓

[Add your position](#) ✓

French National Institute for ... Centre de Recherche de...

12.54

**Add your publications**

Your profile is 75% complete.

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

**Select your disciplines**

Agricultural Science

Anthropology

Biology

Chemistry

Selected disciplines

Select your disciplines and subdisciplines.

Skip this step Continue

Back Agricultural Science

Selected disciplines

Agricultural Science

- ✓ Agricultural Economics
- ✓ Agricultural Plant Science
- ✓ Agronomy

Select your disciplines and subdisciplines.

**Add your skills and expertise**

Suggested skills

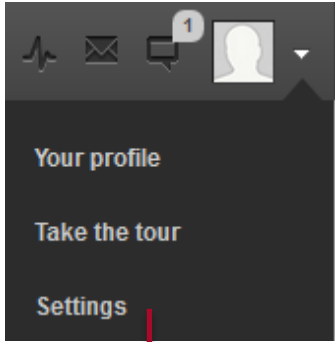
- Conservation Agriculture
- Agriculture
- Sustainability
- Soil and Water Conservation
- Farming
- Environment

Add skills

Selected skills

- Crop Management
- Climate Change and Agriculture
- Agroecology
- Soil Analysis

## Paramétrages de votre profil



- Account settings : compléter son profil, **supprimer son profil**
- Privacy settings : définir le périmètre de visibilité des données de son profil ⚠
- Notifications : paramétrer les avertissements par courriel ⚠
- Connect with services : se connecter à d'autres services (Facebook)
- Invitation settings : invitation de RG à des collègues pour qu'ils suivent votre recherche (désélection possible) ⚠
- Sent invitations : envoyer des invitations à des collègues

## Privacy settings : gestion de la confidentialité

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### PRIVACY SETTINGS

**Basic data**  
Your general information (e.g. discipline, degree and institution) is visible to everyone.

**Research data**  
Select who can see your research data e.g. research projects, skills and research vita.  
Everyone

**Download data**  
 Allow other researchers to see that I've downloaded their publications

**Contact data**  
Only your mutual followers can see your contact details e.g. address or phone number.

**Public profile**  
If enabled, your privacy settings will be mirrored for your public profile.  
Please note: we will never display your contact details (e.g. phone number or address) publicly.

Enable my public page

My public page address  
https://www.researchgate.net/profile/Pascal\_Aventurier

Display my profile photo on my public page

Display my questions and answers on public pages

Save

ACCOUNT SETTINGS

**PRIVACY SETTINGS**

NOTIFICATIONS

CONNECT WITH SERVICES

INVITATION SETTINGS

SENT INVITATIONS

**ANY QUESTIONS?**  
Do you have any questions or feedback? [Contact us.](#)

**PRIVACY AND DATA PROTECTION**  
ResearchGate takes data protection seriously. Please refer to our [Statement on Privacy and Data Protection](#) for more information.

Protection et propriété des données sur Academia.edu et ResearchGate. [Christophe Benech](#), mars 2014)

## Notifications settings : gestion des avertissements de RG

NOTIFICATION SETTINGS

General settings

Pause emails that I don't open or interact with for a while	<input checked="" type="checkbox"/>
When notifying my connections about my activity via email, include my name in the 'From/Sender' field	<input checked="" type="checkbox"/>

Profile notifications

Notify me at pascal.aventurier@avignon.inra.fr when someone:	<input checked="" type="checkbox"/>
Sends me a message	<input checked="" type="checkbox"/>
Follows me	<input checked="" type="checkbox"/>
Invites me to a project	<input checked="" type="checkbox"/>
Invites me to an institution or department	<input checked="" type="checkbox"/>
Shares a topic with me	<input checked="" type="checkbox"/>
Shares a question with me	<input checked="" type="checkbox"/>
Shares a publication with me	<input checked="" type="checkbox"/>
Shares a ResearchGate page with me	<input checked="" type="checkbox"/>
Accepts my ResearchGate invitation	<input checked="" type="checkbox"/>
Endorses one of my skills	<input checked="" type="checkbox"/>

Network notifications

Notify me when someone from my network:	<input checked="" type="checkbox"/>
Posts a comment to my status update	<input checked="" type="checkbox"/>
Likes my status update	<input checked="" type="checkbox"/>
Updates their profile information	<input checked="" type="checkbox"/>
Adds information to their vita	<input checked="" type="checkbox"/>
Adds publications to their profile	<input checked="" type="checkbox"/>

ACCOUNT SETTINGS

PRIVACY SETTINGS

**NOTIFICATIONS**


CONNECT WITH SERVICES

INVITATION SETTINGS

SENT INVITATIONS

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ResearchGate

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### Live Feed

Patrice Bellot added an article: 1h

**Article: Report on INEX 2013**  
P. Bellot, A. Doucet, S. Geva, S. Gurajada, J. Kamps, G. Kazai, M. Koolen, A. Mishra, V. Moriceau, J. Mothe, M. Preminç [more]  
ACM SIGIR Forum 12/2013; 47(2):21-32.

Request full-text Bookmark

Mathilde Causse added an article: 1d

**Article: Genes involved in floral meristem in tomato exhibit drastically reduced genetic diversity and signature of selection.**  
Guillaume Bauchet, Stéphane Munos, Christopher Sauvage, Julien Bonnet, Laurent Grivet, Mathilde Causse  
BMC Plant Biology 10/2014; 14(1):279.

Source Download Bookmark

Alexander Salazar Ceballos asked a question in Open Access: 1d

**What is your opinion on free access to scientific research?**  
Harvard University says it can't afford journal publishers' prices. University wants scientists to make their research open access and resign from publications that keep articles behind [more]

10 answers added Follow Answer

### YOUR NETWORK ACTIVITY

Alessandro Diana was endorsed for Article Writing and Neutropenia. 1h

Anne-Sophie Walker was endorsed for 16 skills, including Herbicides and Plant Protection. 6h

Marta Debolini followed Diego Puppini. 8h

### JOBS YOU MAY BE INTERESTED IN

View more

- PhD Positions - Computer Science  
Universität des Saarlandes  
Saarbrücken, Saarland, Germany
- Project Manager Position - New Product Dev...  
Agrifirm Group  
Apeldoorn, Gelderland, Netherlands
- Research Assistant - Computer Science  
University of Vienna  
Vienna, Austria
- Global Product Safety Compliance Specialist  
Océ  
Venlo, Limburg, Netherlands
- Junior Researcher - Farm Economics  
International Institute for Applied Systems An...



# RG Questions/Réponses

## Poser, consulter et répondre à des questions

ResearchGate

Q&A Publications Jobs

Q&A

Get answers to your research questions and share your expertise.

Enter your question 150 Ask

QUESTIONS WE THINK YOU CAN ANSWER

Vladimir Farber asked a question:  
**Why does RefWorks sometimes duplicate indexes and how can that be avoided?**  
For arranging my references in papers and in other documents I use in reference manager RefWorks. But sometimes, after inserting some additional reference, it suddenly duplicate indexes. For [more]

New 2 researchers are waiting for an answer Follow Answer

Eda Ustaoglu asked a question:  
**Where to find quantitative data to assess Science 2.0?**  
In the framework of a project I need to monitor on a weekly basis the evolution of Science 2.0 on a global scale: number of scientific blogs, number of participants in scientific social network, number ( [more]

2 answers added Follow Ans

QUESTIONS WE THINK YOU CAN ANSWER

- RECENT QUESTIONS IN YOUR FIELD
- QUESTIONS YOU FOLLOW
- QUESTIONS YOU ASKED

Find a topic

YOUR SKILLS AND EXPERTISE (17)

- Research Data Management
- Open Access
- Linked Data
- Semantic Web Technologies
- Library Information Services
- Academic Writing
- EZ Publish
- CMS
- Sphinx
- PMB

Questions matching your expertise

- Free access to scientific research?**  
1 answer added
- How to properly evaluate TG/GC/MS data ?**  
New Be the first to answer
- How do journals select competent reviewers when peer reviewing?**  
8 answers added

Q/R par rapport aux thématiques de votre profil

Q/R sur des sujets insérés dans les compétences et l'expertise

# RG Questions/réponses

## Possibilité de qualifier la qualité d'une question ou d'une réponse

The image displays two side-by-side screenshots of a Q&A platform interface, illustrating the ability to qualify the quality of a question or answer.

**Left Screenshot:** Shows a question by Imran Mahmud (Daffodil International University) titled "Is there any difference or categorization of Information Technology based on theory?". The question text is partially visible. Below the question, there are topic tags: Technology Acceptance, SAP ERP, Mobile, Information Technology, and Websites. A "Flag" button is visible, and a tooltip is shown over it with the text: "Interesting question? Vote to promote quality contributions." Below the question, there are upvote and downvote buttons, and a "Share" button.

**Right Screenshot:** Shows the same question by Imran Mahmud. The question text is fully visible. Below the question, there are topic tags: Technology Acceptance, SAP ERP, Mobile, Categorization, Usability, Information Technology, and Websites. A tooltip is shown over the downvote button with the text: "Downvote poor content This action is anonymous". To the right of the question, there is a "Compteur" (counter) showing "1 / 0". Below the question, there are upvote and downvote buttons, and a "Share" button.

## Publications

Access publications and data from experts in your field.

Create exposure for your work by adding it to your profile

Add your publications

### FRENCH NATIONAL INSTITUTE FOR AGRICULTURAL RESEARCH



Alain Boissy added an article:

1m

**Article: Environmental enrichment reduces behavioural alterations induced by chronic stress in Japanese quail.**

A Laurence, C Houdelier, L Calandreau, C Arnould, A Favreau-Peigné, C Leterrier, A Boissy, S Lumineau

Animal : an international journal of animal bioscience. 10/2014;

Request full-text

Bookmark



Fernanda Fonseca added an article:

1m

**Article: Physiological and Biochemical Responses of Yarrowia lipolytica to Dehydration Induced by Air-Drying and Freezing.**

Caroline Pénicaud, Sophie Landaud, Frédéric Jamme, Pauline Talbot, Marielle Bouix, Sarrah Ghorbal, Fer [more]

PLoS ONE 01/2014; 9(10):e111138.

Request full-text

Bookmark



Roger Rouvier added full-texts to 18 publications:

2m

**Article: Analyse statistique des performances d'élevage des lapines. Facteurs du milieu, corrélations, répétabilité**

R Rouvier, B Poujardieu, J-L Vrillon

Genetics Selection Evolution 01/1973;

Download

Bookmark

Source

Browse publications from

RECENTLY PUBLISHED

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Co-authors

Researchers you cited

Researchers who cited you

Department colleagues

Institution colleagues

Researchers you follow

YOUR FIELD OF RESEARCH

YOUR BOOKMARKS

YOUR PENDING REQUESTS

View all

1 Full-texts

Go to your publications

Search for a publication by title or author

Advanced Search

JOBS YOU MAY BE INTERESTED IN

View more



Assistant Specialist - Forest Health

Ajouter des publications à mon profil

Publications de mon réseau, sur ma thématique de recherche

...

Mes publications

# RG Proposer/Trouver un job

## Proposition d'emploi

JOBS YOU MAY BE INTERESTED IN

Improve these suggestions

### Get personalized job suggestions

We recommend jobs based on the information in your profile.  
Complete your profile to get the best suggestions.

Complete your profile



**Project Manager Position - New Product De...**  
Agrifirm Group  
Apeldoorn, Gelderland, Netherlands



**PhD Position - Crop Biotechnology**  
University College Dublin  
Dublin, Ireland

## Proposer un emploi

### Are you hiring?

Post a job to reach top talent in science and research.

Post a job

### Find top-quality employees

from our network of 5 million scientific professionals



Tap into our pool of specialists from the world of science and research



Target the best candidates based on skill set, education, and academic profile



Receive high-quality applications, and fewer unsuitable resumes



**Soenke Bartling**

PD Dr. med.

German Cancer Research Center

"We have been consistently impressed with the quality of the researchers that ResearchGate helped us find."

Post a job

Possibilité d'exports de CV à partir du profil

# RG Auto-archivage de publications

Moteur de recherche dans les principales bases de données (PubMed, arXiv, IEEE, CiteSeer, Cornell University library, NASA, RePEc, BioMED Central)

- **Auto-complétion du profil par identification sur le nom de l'auteur**

- Edition d'une liste de publications lors de la création d'un compte
- Notification lors de la parution d'une publication à tous les auteurs de la publication

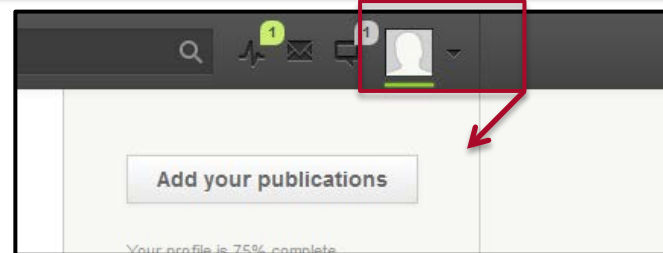
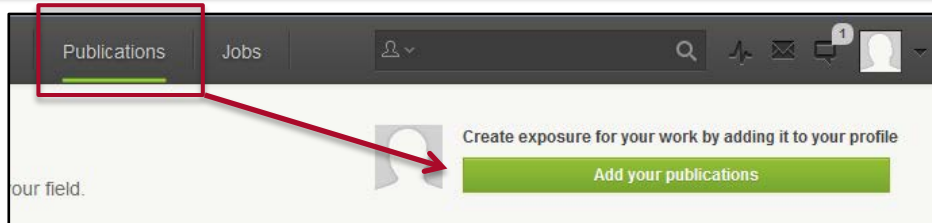
- **Confirmation ou non de votre qualité d'auteur de la publication**

➤ **« Possibilité d'export » de sa liste de publications en créant un CV**



The screenshot shows a confirmation dialog box with a title bar that reads "Pascal, please confirm your authorship – is this you?". Below the title bar, there is a profile picture placeholder and the name "Pascal". To the right of the name are two buttons: "I am the author" (highlighted in green) and "This is not me". Below the name, there is a small thumbnail of a document cover. To the right of the thumbnail is the article title: "Article: Analysis of the downward trend in document supply in pharmacology: a case study from INIST in France (part 1)". Below the title is the author list: "Boukacem Zeghmouri, Chérifa, Lafouge, Thierry, Bador, Pascal, Prost, Hélène, Schöpfel, Joachim". The name "Bador, Pascal" is highlighted with a red box. Below the author list is a link "[Show abstract]". At the bottom of the article information is the journal information: "Interlending & Document Supply 10/2006; 34:177–185." At the bottom right of the dialog is a link "View more suggestions".

# RG Ajout d'une contribution



### What would you like to add?

Select a category to add research to your profile. Anything you add will be given its own page so that others can cite, interact with, and share your work.

Journal articles	Conference papers	All other research
<i>Add your journal articles using:</i>	<i>Add research you presented:</i>	<i>Add any other type of research:</i>
Author name match	Papers	Working copies
Publication search	Presentations	Negative and raw data
Reference manager	Posters	Figures, media files, etc.
Manual entry	<i>Generate a free DOI for your work</i>	<i>Generate a free DOI for your work</i>

Import facilité de vos références depuis votre logiciel bibliographique, Prodnra

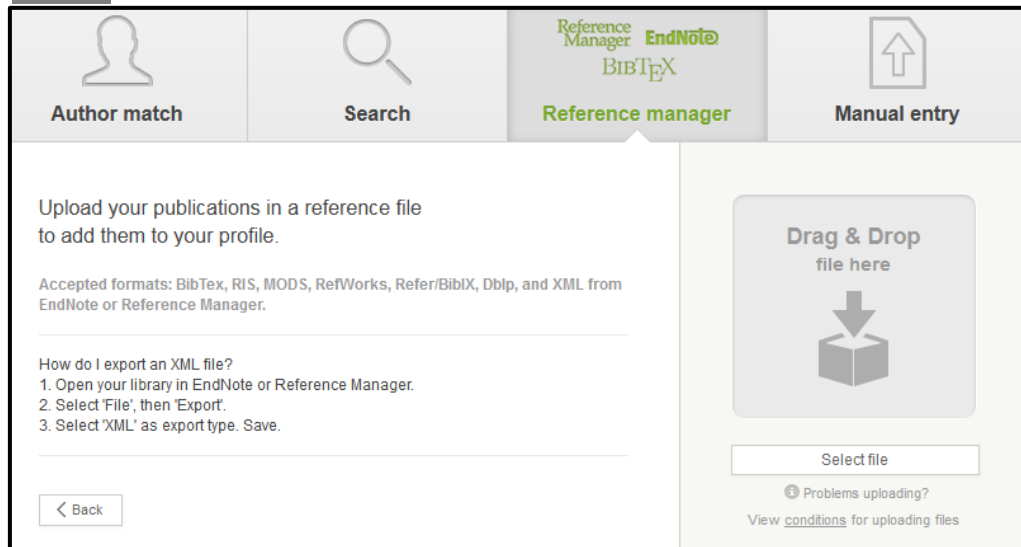
Possibilité de générer un DOI

Intégration : documents de travail, données de la recherche, formats multimédias

# RG Import à partir d'une archive ouverte

1 Dans AO : export des références au format RIS

2 Dans ResearchGate : Add publications



Author match Search Reference manager Manual entry

Upload your publications in a reference file to add them to your profile.

Accepted formats: BibTeX, RIS, MODS, RefWorks, Refer/BibIX, Dblp, and XML from EndNote or Reference Manager.

How do I export an XML file?  
1. Open your library in EndNote or Reference Manager.  
2. Select 'File', then 'Export'.  
3. Select 'XML' as export type. Save.

Drag & Drop file here

Select file

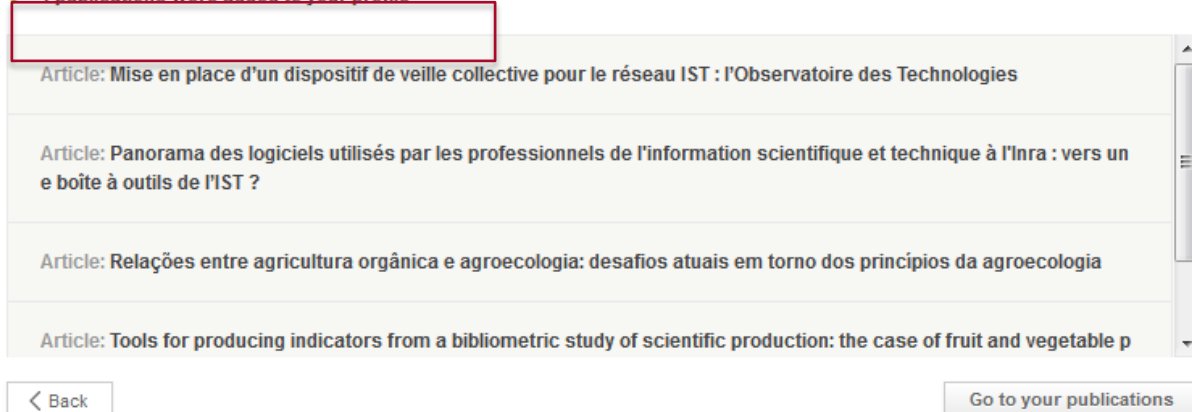
Problems uploading?  
View [conditions](#) for uploading files

< Back

3

Import du fichier au format RIS

✓ 4 publications were added to your profile



Article: Mise en place d'un dispositif de veille collective pour le réseau IST : l'Observatoire des Technologies

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

Article: Relações entre agricultura orgânica e agroecologia: desafios atuais em torno dos princípios da agroecologia

Article: Tools for producing indicators from a bibliometric study of scientific production: the case of fruit and vegetable p

< Back

Go to your publications

# RG Dépôt d'un document




**Article: Panorama des logiciels utilisés par les professionnels de l'information scientifique et technique à l'Inra : vers une boîte à outils de l'IST ?**  
Pascal Aventurier, Sylvie Cocard, Windpouire Esther Dzale Yeumo  
Cahier des Techniques de l'INRA. 01/2012;

[Upload full-text](#)

Consulter la politique d'archivage basée sur Sherpa/Romeo

### Upload full-text



Article: Panorama des logiciels utilisés par les professionnels de l'information scientifique et technique À...

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## ResearchGate : se base sur le site Sherpa/Romeo (pas de contrôle à priori)

<http://scienceblogs.com/confessions/2013/12/10/around-the-web-elsevier-vs-academia-edu-vs-researchers/>

Voir aussi : <http://urfistinfo.hypotheses.org/2596>

### Archiving policy

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Journal titles or ISSNs  Publisher names

Exact title  starts with  contains  ISSN

[Advanced Search](#)

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- [SHERPA/RoMEO API Version 2.4 has been Closed Down](#) - 26-Nov-2013

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- [Application Programmers' Interface \(API\)](#)

# RG Indexation dans Google Scholar

## Les documents téléchargés dans ResearchGate sont indexés par Google

The screenshot shows a Google Scholar search interface. The search bar contains the text "polyphenol cell wall" and a magnifying glass icon. Below the search bar, the text "Scholar Environ 41 500 résultats (0,11 s)" is displayed. To the right of the results count is a button labeled "Mes citations" with a dropdown arrow. The search results are listed under the heading "Articles". The first result 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 the International Journal of ... in 2001. The abstract mentions that cell walls were prepared from apple parenchyma and polyphenols were extracted from freeze-dried apple parenchyma. The second result 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 Biochimica et Biophysica Acta (BBA)- ... in 2004. The abstract discusses the importance of polysaccharide ability to encapsulate polyphenolic substrate. On the right side of the results, there are two links: "researchgate.net [PDF] Texte Integral @ INRA" (highlighted with a red box) 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

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

Cell walls were prepared from apple parenchyma by a phenol: buffer procedure. Polyphenols were extracted from freeze-dried apple parenchyma by methanol and water: acetone, and purified by preparative HPLC. Interactions were quantified by bringing into ... Cité 179 fois Autres articles Les 5 versions Importer dans EndNote Enregistrer Plus

researchgate.net [PDF] Texte Integral @ INRA

Date indifférente

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

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 ... The phenol treatment removes protein [30] and an acetone treatment removes polyphenols [7 ... Cité 91 fois Autres articles Les 5 versions Importer dans EndNote Enregistrer Plus

Texte Integral @ INRA

Depuis 2014

Depuis 2013

Depuis 2010

Période spécifique...

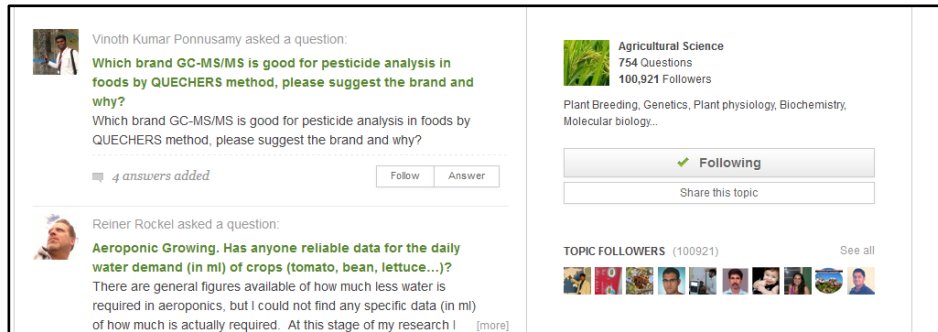
Trier par pertinence

Trier par date

- Chercher des pairs sur une thématique (Search)
- Répondre aux notifications
- Partager vos publications
- Envoyer des invitations à des pairs (Settings)
- Poser des questions au réseau (Q/R)
- Répondre aux questions si vous suivez la thématique (Q/R)
- Participez à des échanges
- Suivre des profils

# RG Recherche d'expertise

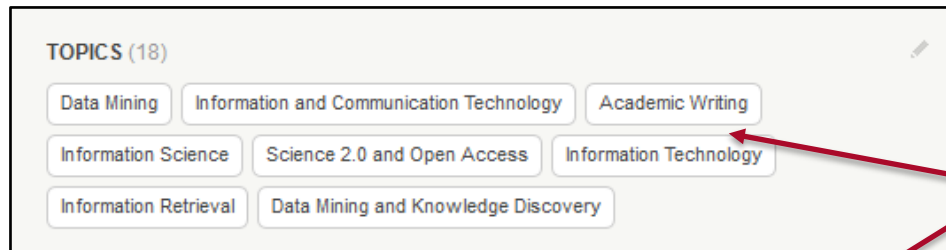
## Disciplines : domaines génériques de recherche



The screenshot shows two questions on the left and a discipline card on the right. The top question is by Vinoth Kumar Ponnusamy asking about pesticide analysis methods. The bottom question is by Reiner Rockel asking about water demand in aeroponic growing. The discipline card is for 'Agricultural Science' with 754 questions and 100,921 followers. It includes a 'Following' button and a 'Share this topic' button. Below the card is a 'TOPIC FOLLOWERS' section with 100,921 followers and a 'See all' link.

voir les questions posées, les personnes qui suivent cette discipline

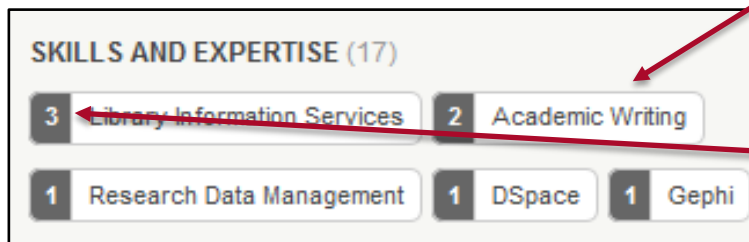
## Topics les sujets sur lesquels vous souhaitez discuter ou répondre à des questions



The screenshot shows a 'TOPICS (18)' section with several topic buttons: Data Mining, Information and Communication Technology, Academic Writing, Information Science, Science 2.0 and Open Access, Information Technology, Information Retrieval, and Data Mining and Knowledge Discovery. A red arrow points from the 'Academic Writing' button to the text on the right.

Lien cliquable pour voir les questions posées

## Compétences



The screenshot shows a 'SKILLS AND EXPERTISE (17)' section with several skill buttons: Library Information Services (ranked 3), Academic Writing (ranked 2), Research Data Management (ranked 1), DSpace (ranked 1), and Gephi (ranked 1). A red arrow points from the 'Library Information Services' button to the text on the right.

Accréditation de compétence par des pairs : permet de repérer des d'experts

ResearchGate

micro algae

## Search results

micro algae

### RESEARCHERS

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

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

**Mireille Chinain** (French Polynesia)  
Institut Louis Malardé, Laboratory of Toxic Micro-Algae

**IB Thobias** (United Kingdom)  
University of Bedfordshire, Division of Science  
Keywords: Algae Biofuel

**Salam Sonia** (India)  
University of Delhi, Botany  
Keywords: Micro algae

**Eli Kalmanzon** (Israel)  
Oranim Academic College of Education, Biology  
Keywords: Micro algae

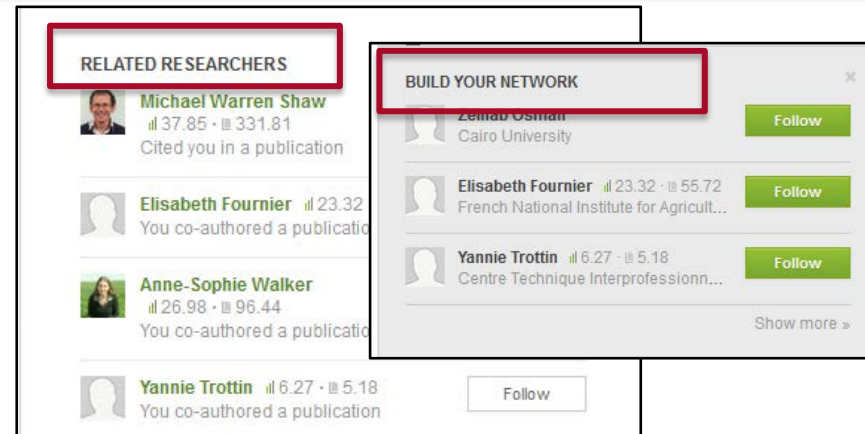
Recherche sur les deux termes

- associés ou non
- dans différents champs
  - du profil des chercheurs (mots-clés, adresse...)
  - Questions
  - Publications
  - ....

-Décomposition des résultats en plusieurs facettes

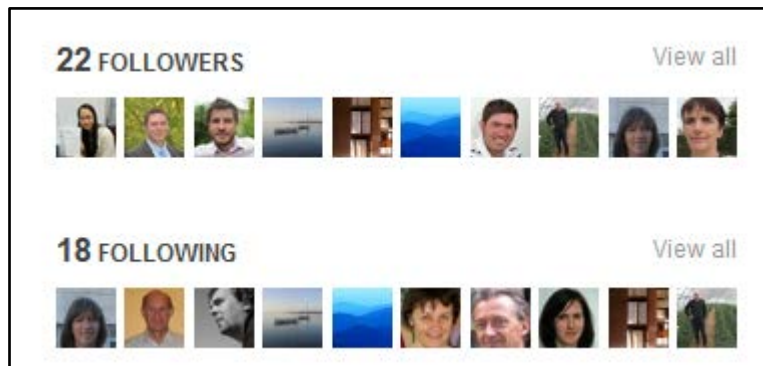
# RG Suivre des profils

## - Suggestions de ResearchGate



## - Sur des thématiques, compétences....

## - Followings/Followers



# RG Notifications

ResearchGate

Notifications

REQUESTS

REQUESTS · 4

- Full-texts · 3
- Citations · 1
- Supplementary resources
- Skills and endorsements
- Author suggestions
- Photo suggestions
- Publication list review

RESEARCH YOU RECEIVED

RESEARCH YOU REQUESTED

RESEARCH YOU SENT

Réception également par courriel (modifier les paramètres des notifications : Settings)

Demande du texte intégral

Demande d'une confirmation de citation

## Autres interactions possibles

- Endorse a Skill : suggestion d'accréditation d'une compétence par un autre auteur
- Author Suggestions : suggestion que vous êtes auteur d'une publication
- Citation confirmatop, confirmer que vous avez cité son article (publications du réseau)

# RG Open review

The screenshot shows the article page for "Open Access at the Max Planck Society" by the Max Planck Society Open Access Working Group. The page includes a "Request full-text" button, a "Request supplementary resources" button, and a "Is this your publication?" button. The "FULL-TEXT" section shows a thumbnail of the article cover and a "View" button. Below the thumbnail, it says "0 DOWNLOADS" and "Available from fhi-berlin.mpg.de". A red box highlights the "Open Review" section, which includes a "Review this publication" button and a "Request a review of this publication" button. A red arrow points from the text on the left to the "Open Review" section.

Se proposer ou demander un examen de l'article par des experts



# RG Open review

## All reviews of article:



Review this publication

Request a review of this publication

Total review requests: 6

### REVIEWERS (2)

Summary of all reviews  
 Cumulative stats [View summary](#)

**Mahendra Surendra Rao**  
 iD 47.50 · ORCID 1820.28  
 National Institutes of Health  
**Non-reproducible** [View](#)

**Kenneth Ka-Ho Lee**  
 iD 43.77 · ORCID 313.55  
 The Chinese University of Hong Kong  
**Non-reproducible** [View](#)

#### OVERVIEW

Is this research reproducible?

	Reproducible	0
	Non-reproducible	2
	Not applicable	0

#### REFERENCES

Do the authors refer to the latest research in the field, and is it correctly referenced?

Yes	2
No	0
Partly	0

#### METHODOLOGY

Are the tools and methods appropriately applied, and are the data correct?

Yes	0
No	2
Partly	0

#### FINDINGS

Do the authors provide an interesting discussion, and are the findings novel?

Yes	2
No	0
Partly	0

#### ANALYSES

Have the analyses, including any statistical analyses, been performed appropriately and rigorously?

Yes	2
No	0
Partly	0

#### CONCLUSIONS

Are the interpretations and conclusions justified by the results?

Yes	0
No	1
Partly	1

# RG Open review 2

## Reviewer's comment

**REVIEWER**  
 **Kenneth Ka-Ho Lee** ·  43.77 ·  313.55  
The Chinese University of Hong Kong Follow

---

**OVERVIEW**  
 **Non-reproducible**  
Methodology · Analyses · References · Findings · Conclusions  
Created Mar 13, 2014  
Review Contributors: Tommy Lo, Florence Tang, Kenneth Ka-Ho Lee  


---

**METHODOLOGY**

**Are the tools and methods appropriately applied, and are the data correct?** No




The methods for generating STAP cells and their maintenance as reported in the paper are very novel. However, the readers would find it difficult to validate some of the findings.

For instant, there are some confusing steps in the procedures and the same confusion was also observed in their recent follow-up publication in "Protocol Exchange" dated 5th March 2014.




## Comment from researchers

**COMMENTS (61)**




---

 **Hynda K Kleinman** ·  26.65 ·  98.97 · National Institutes of Health  
This paper is on national news today and you are not the only one having a problem reproducing their results. This paper is under investigation. There was talk by one of the authors of retracking the paper.  
Mar 13, 2014

---

 **John Behbahani** ·  12.41 ·  17.71 · Ottawa Hospital Research Institute  
Anyone considered using the exact same primers from Dr. Lee's lab for qPCR? It is possible that their primer sequences where incorrect.  
Mar 13, 2014

---

 **Stéphanie Claudinot** ·  20.59 ·  89.48 · École Polytechnique Fédérale de Lausanne  
One of the authors (Wakayama) asked for retraction from this paper, as there is a major failure and he also can not reproduce the results.  
<http://www.boston.com/news/science/blogs/science-in-mind/2014/03/10/prominent-japanese-scientist-cal...>  
Mar 13, 2014

## Profile

**OVERVIEW** | CONTRIBUTIONS | INFO | STATS

<b>96</b> PUBLICATIONS	<b>7k</b> Views	<b>1,281</b> Downloads	<b>1,686</b> Citations	<b>220.99</b> Impact Points
---------------------------	--------------------	---------------------------	---------------------------	--------------------------------

View stats

**FEATURED PUBLICATIONS** [View all](#)

**Article: Abstracts of papers presented at the 9th meeting of the international council for the study of viruses and virus diseases of the grapevine**

William B. Hewitt, Marc Fuchs, Bernard Walter, Monique Pinck, Lothaire Pinck, G. Belli, P. A. Bianco, A. Fortusini, Giovanni Granata, Anna Appiano, [.....], DJ. Engelbrecht, Roleen Human, U. Levanony, P. Spiegel-Roy, Elisabeth Boudon-Padieu, Yvelise Schwartz, Jeannine Lherminier, J. Larue, D. TÉljz, C. J. Orffer

<b>52</b> Views	<b>0</b> Downloads	<b>0</b> Citations
--------------------	-----------------------	-----------------------

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

### Publications

See your own publication stats

**VIEWS LAST WEEK** ⓘ

**121**  
Total views

**Views by country**

- 27** United States
- 14** China
- 3** Argentina

**Views by institution**

We do not have any institution information for last week's visitors

**PUBLICATION VIEWS** daily / weekly

**TOP PUBLICATION VIEWS** last week / total

- The candidate gene approach in plant genetics: a review**  
Molecular Breeding 11/2001; 7(4):275-291.  
**10 Views**
- Proteomic analysis of tomato (Solanum lycopersicum) secretome.**  
Journal of Plant Research 08/2012;  
**9 Views**

<b>10,668</b> Total publication views
<b>3,976</b> Total full-text downloads
<b>40</b> Total dataset downloads
<b>38</b> Total full-text requests

# RG score et impact Point

- Mesure la réputation scientifique basée sur la façon dont votre recherche est perçue par vos pairs
- Prend en compte :
  - contributions (papier déposé, une question posée, une réponse...)
  - Vos interactions (nombre et qualité des pairs qui interagissent avec votre recherche). Plus leur RG score est élevé, plus votre propre score est élevé

**Impact Point** : Somme des Impact Factors des revues dans lesquelles l'auteur a publié

# Réseaux sociaux scientifiques / académiques



<http://scholar.google.com/>

- permet de créer un profil d'auteur lié à sa production. Ce profil public ou privé affiche ses propres articles et leurs indicateurs bibliométriques (h-index, indice i-10, nombre de citations).
- On peut suivre les citations de ses articles ou celles d'autres auteurs.
- Google Scholar propose des articles

**Lahaye Marc** [Suivre](#)

INRA, UR1268 BIA, Nantes, France  
Plant cell walls, polysaccharides, fruit quality  
Adresse e-mail validée de nantes.inra.fr

Titre	1-20	Citée par	Année
<a href="#">Marine algae as sources of fibres: determination of soluble and insoluble dietary fibre contents in some 'sea vegetables'</a>	M Lahaye	200	1991
<i>Journal of the Science of Food and Agriculture</i> 54 (4), 587-594			
<a href="#">QUASIMODO1 encodes a putative membrane-bound glycosyltransferase required for normal pectin synthesis and cell adhesion in Arabidopsis</a>	S Bouton, E Leboeuf, G Mouille, MT Leydecker, J Talbotec, F Granier, ...	193	2002
<i>The Plant Cell Online</i> 14 (10), 2577-2590			
<a href="#">Structure and functional properties of ulvan, a polysaccharide from green seaweeds</a>	M Lahaye, A Robic	180	2007
<i>Biomacromolecules</i> 8 (6), 1765-1774			
<a href="#">Sulfate content of carrageenan and agar determined by infrared spectroscopy</a>	C Rochas, M Lahaye, W Yaphe	170	1986
<i>Botanica Marina</i> 29 (4), 335-340			
<a href="#">Isolation and structural determination of two 5, 5'-diferuloyl oligosaccharides indicate that maize heteroxylans are covalently cross-linked by oxidatively coupled ferulates</a>	L Saulnier, MJ Crépeau, M Lahaye, JF Thibault, MT Garcia-Conesa, ...	135	1999
<i>Carbohydrate Research</i> 320 (1), 82-92			
<a href="#">Cell wall polysaccharides from the marine green alga Ulva "rigida" (Ulvales, Chlorophyta). Extraction and chemical composition</a>	B Ray, M Lahaye	128 *	1995
<i>Carbohydrate Research</i> 274, 251-261			

**Citations** Toutes Depuis 2010

Citations	4547	2213
indice h	38	26
indice i10	97	65

Obtenir mon propre profil

**Coauteurs** Tout afficher...

- rondeau-mouro
- Causse Mathilde
- Bimalendu Ray
- Professor Nathalie Bourgougnon
- François Mariette
- Rebecca Stevens
- Abdellatif Barakat
- Eric Badel
- Juan Luis Gómez Pinchetti
- xavier falourd
- Adelin Barbacci
- Le Gall line
- Olivier Arnould

"Marc Lahaye"

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Conseil : Recherchez des résultats uniquement en Français. Vous pouvez

Profils utilisateurs correspondant à ""Marc Lahaye""

Lahaye Marc  
INRA UR1268 BIA, Nantes, France  
Adresse e-mail validée de nantes.inra.fr  
Cité 4552 fois

Copie d'écran : 12/03/2015

# Academia.edu profil



## hendrik davi

Institut National de la Recherche Agronomique, Écologie des Forêts, Prairies et milieux Aquatiques (EFPA), Faculty Member

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Research Interests: [Community Ecology](#), [Forest Ecology](#), [Phenology](#), and [9 more](#)

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This article shares a vision of the enterprise of cataloging and the role of catalogers and metadata librarians in the twenty-first century. The revolutionary opportunities now presented by Semantic Web technologies liberate catalogers from their historically analog-based static world, re-conceptualize it, and transform it into a world of high dimensionality and fluidity. By presenting illustrative examples of innovative metadata creation and manipulation, such as ...read more

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### 'Conventionalism and the Impoverishment of the Space of Reasons: Carnap, Quine and Sellars'.

This article examines how Quine and Sellars develop informatively contrasting responses to a fundamental tension in Carnap's semantics ca. 1950. Quine's philosophy could well be styled 'Essays in Radical Empiricism'; his essay of radical empiricism is invaluable for what it reveals about the inherent limits of empiricism. Careful examination shows that Quine's criticism of Carnap's semantics in 'Two Dogmas of Empiricism' fails, that at its core Quine's semantic ...read more

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The challenge to locate responsibility in ever more entangled and dynamic socio-technical environments is a key concern of the ONLIFE Manifesto. This contribution focuses specifically on responsibilities in processes of knowing, a topic which is discussed under the heading of epistemic responsibility in philosophy. I argue that two perspectives regarding epistemic responsibility should be distinguished: 1) the individualistic perspective, focusing on individuals as ...read more

#### SUGGESTED RESEARCHERS

- Olivier Le Deuff**  
Université Bordeaux-Montaigne
- Serge Noiret**  
European University Institute
- Andre Gunthert**  
EHESS-Ecole des hautes étude...
- Julien GILET**  
French National Centre for Sci...

#### SUGGESTED RESEARCH INTERESTS

- Social Networks**  
37,043 Followers
- Scientometrics**  
2,897 Followers
- Massive Open Online Courses (MO...**  
1,308 Followers
- Bibliometrics**  
3,519 Followers

# Academia.edu : Recherche

La recherche est guidée, on ne peut pas entrer de termes qui ne soit pas dans la base

The screenshot shows the Academia.edu search interface. At the top, the search bar contains the text 'microal'. A dropdown menu displays several suggestions: 'Microalgae' (2,078 followers), 'Biodiesel Production from Microalgae' (1,639 followers), 'Microalgae bio-products' (160 followers), 'Microalgae cultivation' (158 followers), and 'Microalgae Biomass Production'. Below the search bar, a navigation bar includes 'Home', 'Analytics', 'Sessions', and 'Upload Papers'. The main content area features a 'Microalgae' profile card with a 'Follow Microalgae' button. Below this, there are two article previews. The first article is titled 'Agrobacterium tumefaciens-mediated genetic transformation of haptophytes (Isochrysis species)' by thiyam general. The second article is titled 'Dynamics of Microalgae Along the Coastal Areas of Sooyoung Bay, Busan, South Korea' by thiyam general. On the right side, there is an 'Invite someone to Microalgae' form with an input field for an email and a 'Send' button. Below the form is a 'Related Research Interests' section with a table of related topics and their follower counts.

Related Research Interests	Followers
Biodiesel Production from Microalgae	1,639
Algal Biofuels	2,206
Microalgae bio-products	160
Microalgae cultivation	158
Algae	3,071
Phycoremediation	132
Photosynthesis	2,621
Chlorella	52
CO2 capture and storage	1,565
Biofuels	15,956



# Academia.edu : Consultation

Nb consultations

## Agrobacterium tumefaciens-mediated genetic transformation of haptophytes (Isochrysis species)

by thiyam general



Isochrysis galbana and Isochrysis sp. are economically important microalgae from the division of haptophytes. Here, we report Agrobacterium-mediated stable DNA transfer into their nuclear genomes. Initial studies were performed to... [more](#)

Research Interests: Microalgae



## Dynamics of Microalgae Along the Coastal Areas of Sooyoung Bay, Busan, South Korea

by thiyam general

Microalgae are one of the major, sustaining components of ecosystem processes and are responsible for biogeochemical reactions that drive our climate changes. Despite this, many marine microalgae are poorly described and little is known... [more](#)

Research Interests: Microalgae

A screenshot of an Academia.edu document page. The page title is 'Dynamics of Microalgae Along the Coastal Areas of Sooyoung Bay, Busan, South Korea'. The author is 'thiyam general + 1' with a consultation count of '3'. The document is from the 'Journal of Marine Bioscience and Biotechnology 2011, p. 40 - 45', Vol. 5, No. 4. The abstract is visible at the bottom. A red arrow points from the '0' consultation count in the first document to the '3' consultation count on this document's preview.

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### Dynamics of Microalgae Along the Coastal Areas of Sooyoung Bay, Busan, South Korea

Author: thiyam general + 1 | 3 consultations | Info | Twitter

Journal of Marine Bioscience and Biotechnology 2011, p. 40 - 45 | Vol. 5, No. 4

#### Dynamics of Microalgae Along the Coastal Areas of Sooyoung Bay, Busan, South Korea

Binod Prasad<sup>1</sup>, General Thiyam<sup>1</sup>, Dong-Gyu Lee<sup>1</sup>, Moo-Sang Kim<sup>2</sup>, Man-Gi Cho<sup>1\*</sup>

<sup>1</sup>Department of Bio-chemical Engineering, Dongseo University, San69-1, Churye-2-Dong, Sasang-Gu, Busan, 617-716, Republic of Korea  
<sup>2</sup>DUTUJAL, Department of Bio-chemical Engineering, Dongseo University, San 69-1 Churye-2-Dong, Sasang-Gu, Busan, 617-716, Republic of Korea

**Abstract** Microalgae are one of the major, sustaining components of ecosystem processes and are responsible for biogeochemical reactions that drive our climate changes. Despite this, many marine microalgae are poorly described and little is known of their abundance and distribution along the coastal areas of Sooyoung Bay, Busan, South Korea. The present study has been conducted from November, 2011 to August, 2009 with the objective to provide an overview of the taxonomy diversity and abundance of microalgae along the coastal areas of the Sooyoung Bay. Water samples were collected from different sites, which were located by using a GPS tracker. Chlorophyll fluorescence of the water samples were measured by using ToxY-PAM dual-channel yield analyzer. The chlorophyll fluorescence values were relatively higher during the spring and summer and even in the region near to the sea port. Similarly the abundance of microalgae was



# Pascal Aventurier

Institut National de la Recherche Agronomique, DV/IST library, Scholarly Communications and Metadata Librarian edit

Research: Research and Publications, Linked Data, Scientometrics,  
Interests: Bibliometry, Science evaluation, Open Access, Altmetrics, Academic Social Networking, and 13 more

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# Academia analytics

LAST 30 DAYS    LAST 60 DAYS

## ANALYTICS

MAKE PUBLIC

EXPORT TO CSV

OVERVIEW    DOCUMENTS    KEYWORDS    EXTERNAL LINKS    COUNTRIES

4

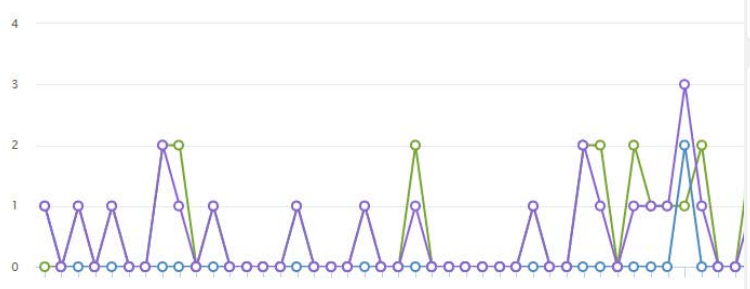
PROFILE VIEWS  
IN THE LAST 60 DAYS

34

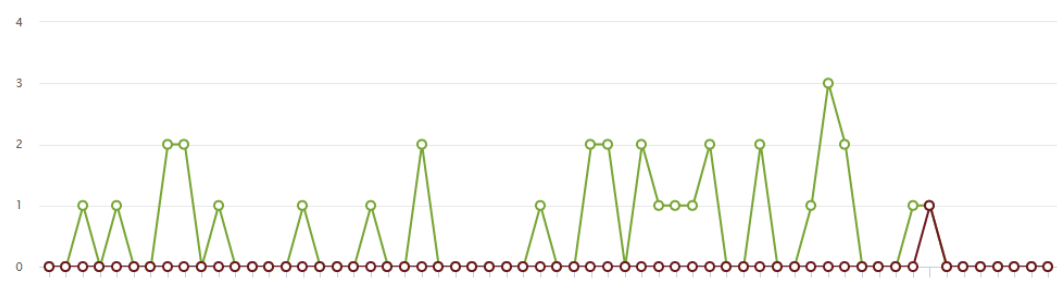
DOCUMENT VIEWS  
IN THE LAST 60 DAYS

31

UNIQUE VISITORS  
IN THE LAST 60 DAYS

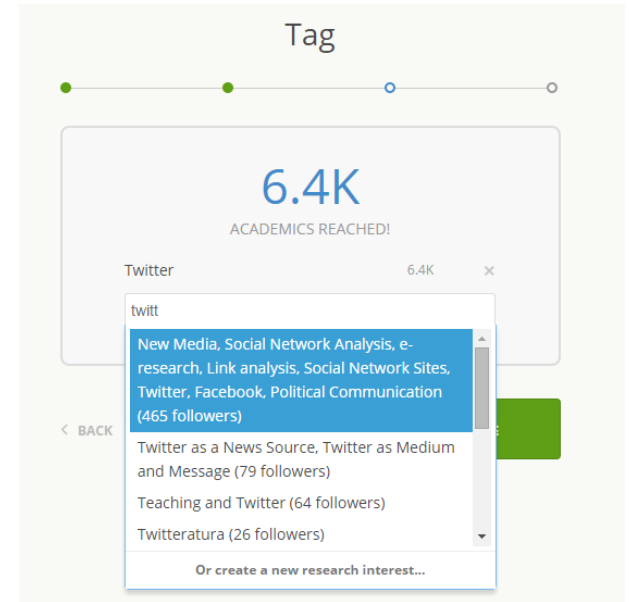
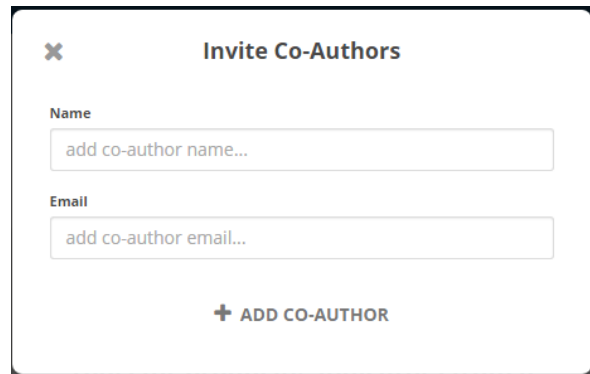
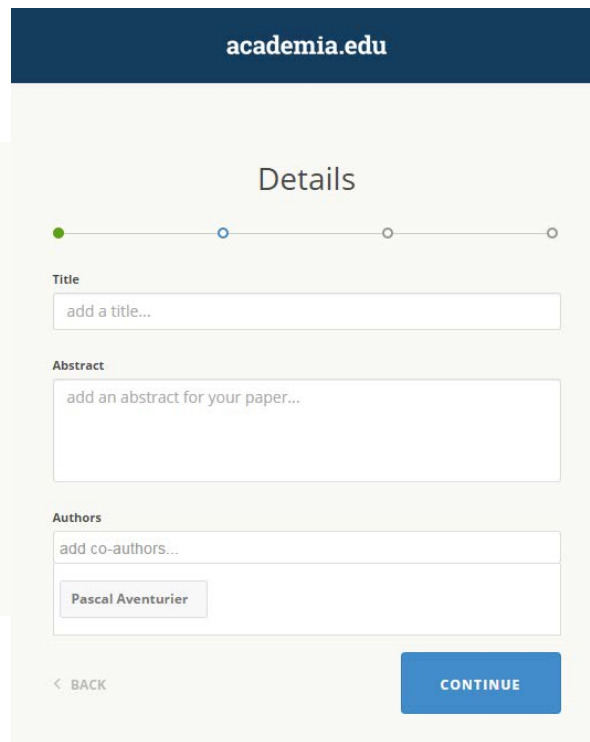
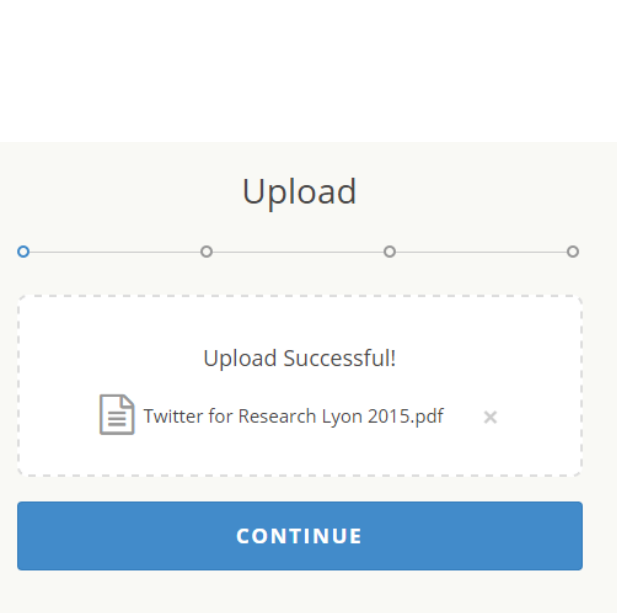


OVERVIEW    **DOCUMENTS**    KEYWORDS    EXTERNAL LINKS    COUNTRIES



Title	60-Day Views	60-Day Uniques	60-Day Downloads	All-Time Views	All-Time Downloads
<a href="#">Researchgate et les réseaux sociaux en recherche</a>	22	18	0	52	2
<a href="#">Academic Social Networks : Challenges and opportunities. 7th UNICA Scholarly Communication Seminar</a>	6	5	1	16	1
<a href="#">Archives ouvertes: vers une obligation de dépôt?</a>	3	2	0	6	0
<a href="#">Les réseaux sociaux académiques</a>	3	3	1	15	2
<a href="#">Tools for producing indicators from a bibliometric study of scientific production: the case of fruit and vegetable publications by the French National Institute for Agricultural Research (INRA)</a>	0	0	0	2	0

# Academia upload a document



# Academia post –review= Session

Aspectos teórico-metodológicos para análise d... [Download \(.pdf\)](#) [Discussion](#)

ARTIGO

## Aspectos teórico-metodológicos para análise de campanhas eleitorais online no Twitter: do mapeamento das redes às conversações

*Theoretical and methodological issues for the analysis of online campaigns on Twitter: networks and conversations*

Ronaldo Ferreira de Araújo\*

**RESUMO**

Discorre sobre as chamadas campanhas eleitorais online e apresenta uma proposta teórico-metodológica para estudos sobre o tema por meio de abordagens centradas na Conversação Mediada por Computador (CMC), na Actor Network Theory (ANT) e na Análise de Redes Sociais (ARS), com foco no Twitter. A proposta contribui para o mapeamento da rede e da conversação que se forma em torno do engajamento cívico em períodos eleitorais e favorece o rompimento da centralização, que geralmente tem foco no desempenho dos agentes políticos, dando uma visão distribuída e de uso dialógico do microblog. Percebe-se que os agentes políticos ainda enfrentam o desafio da interatividade e conversação, e reforçamos que análises direcionadas aos conteúdos das mensagens compartilhadas devem observar: os limites e condicionamentos do microblog; os aspectos do discurso presente nas micronarrativas; e a análise de assunto.

**Palavras-chave:** Campanhas Online; Twitter; Conversação Mediada por Computador; Teoria Actor-Rede; Análise de Redes Sociais.

**ABSTRACT**

This article discusses online campaigns and presents a theoretical-methodological approach to studies on the subject focusing on Computer Mediated Conversation (CMC), the Actor Network Theory (ANT) and Social Network Analysis approaches (SNA) on Twitter. The proposal contributes to network and conversation mapping that is built around civic engagement in electoral periods and favors the break up of centralization, with a distributed view of the dialogical use of the microblog. It shows that political actors still face the challenge of interactivity and conversation, and reinforces that analyses targeted to the content of the shared messages must observe: a) the limits and constraints of the microblog; b) aspects of this discourse in micronarratives; and c) an analysis of the subject.

**Keywords:** Online Campaigns; Twitter; Computer-Mediated Conversation; Actor-Network Theory; Social Network Analysis.

6 Participants Discussion Ended March 11, 2015  
Comments are now closed.

**Pascal Aventurier**  
2 mon ago

achei interessante. Talvez seria relevante exolicar um pouco mais quais são as ferramentas para analisar Twitter ?  
Obrigado.Pascal

Like • [1](#)

**Ronaldo Araujo**  
2 mon ago

Eu que agradeço por comentar Pascal.  
As ferramentas são sim um bom ponto que pode ser melhor explorado. No caso do artigo, apenas utilizei o UCINET para gerar a rede em torno da interação candidatos e eleitores. Mas ele já possui substitutos inclusive com melhor interface e melhor apresentação gráfica das redes como o GEPHI.  
Temos inúmeras outras ferramentas (gratuita... [Read More](#))

Unlike • [1](#)

**Ronaldo Araujo**  
3 mon ago

Hi all, thanks for joining this session. I'm open to any feedback or thoughts you may have on my paper.

You can leave a comment by clicking anywhere on the paper or using the text box on the top right.

# Réseaux sociaux scientifiques / académiques



- Projet créé en 2008 par des chercheurs et développeurs Open Source. Racheté par Elsevier en avril 2013
- Affichage mixte : gestion bibliographique et réseau social permettant le partage de travaux et de documents, la collaboration entre scientifiques.

The screenshot shows the Mendeley profile page for Erick De La Barrera, Ph. D. The page includes a navigation bar with options like Dashboard, My Library, Papers, Groups, and People. The profile section features a profile picture, name, title (Professor at UNAM), and research field (Environmental Sciences). Below this, there is a 'Publications' section with a list of journal articles, including one from 2014 in *Morbidity and mortality weekly report* and another from 2013 in *PHYTON*. On the right side, there are sections for 'Public Groups' (Erick is a member of 'Coffee Climate & Water Relations in...') and 'Location' (Morelia, Mexico).

Copie d'écran : 05/12/2014






[View Profile](#)[Updates](#)

## Mathilde Causse

Avignon, France

Research field: **Biological Sciences** - Genetics  
Plant Breeding and Genetics

-  [Add to contacts](#)
-  [Write message](#)
-  [Report for spam](#)

### Public Groups

**Public groups Mathilde is a member of**  
Not a member of any groups yet.

**Public groups Mathilde is following**  
Not following any groups yet.  
[Find new public groups.](#)

### Destinations




#### Mathilde Causse

 Has a new publication titled 'Fine mapping of QTLs of chromosome 2 affecting the fruit architecture and composition of tomato' in *Molecular Breeding*

15th March




#### Mathilde Causse

 Has a new publication titled 'Marker-assisted introgression of five QTLs controlling fruit quality traits into three tomato lines revealed interactions between QTLs and genetic backgrounds' in *Theoretical and Applied Genetics*

15th March



#### Mathilde Causse

 Has a new publication titled 'Home conservation strategies for tomato (*Solanum lycopersicum*): storage temperature vs. duration – is there a compromise for better aroma preservation?' in *Food Chemistry*

15th March




#### Mathilde Causse

 Has a new publication titled 'Proteomic analysis of tomato (*Solanum lycopersicum*) secretome.' in *Journal of plant research*

28th February



#### Mathilde Causse

 Has a new publication titled 'LEFPS1, a tomato farnesyl pyrophosphate gene highly expressed during early fruit development' in *Plant Physiology*

28th February

Identité, diplôme/titre, adresse,  
Discipline professionnelle, Domaines  
d'intérêt, publications, prix, cv,  
activité d'enseignement et expertise,  
contact.  
(profil visible par tout le monde/mes  
contacts, seulement moi)

# Avantages et Inconvénients



# Reseaux sociaux : avantages

- Service gratuit
- Multidisciplinaires (surtout Academia, RG est plutôt, Science de la vie et Technologies)
- Facile pour se connecter à un grand nombre de collègues
- Accès facile aux publications qui vous intéressent
- Capacités à recevoir un retour et de poser des questions aux collègues

# Réseaux sociaux : inconvénients

- Accès par les moteurs de recherche / moteur de recherche interne peu performant
- Un grand nombre d'inscrits mais les activités des membres ne sont pas très claires
- L'inscription est un pré-requis pour voir les informations des autres membres (autre que les informations du profil)
- Besoin d'être affilié à un organisme de recherche pour s'inscrire
- Stratégies de relance par email
- Partage de document sous copyright (même si les dépôts sont fait sous la responsabilité des auteurs)

# Propriété des données et pérennité des contenus

- « Academia », « ResearchGate », « MyScienceWork » sociétés commerciales privées
- modèles économiques peu transparents et sans réelle garantie de pérennité
- Risques possibles
  - À terme, monétisation des services ?
  - Céder la propriété de contenus dans ces conditions...: quelle réutilisation, revente éventuelle ?
  - Où sont stocker les données et quelle est la pérennité des plateformes (en cas de rachat ou disparition...) ?
  - Gestion des données personnelles ?

Odile Contat

[http://corist-shs.cnrs.fr/reseaux\\_sociaux\\_chercheurs](http://corist-shs.cnrs.fr/reseaux_sociaux_chercheurs)

Source L'hostis & Decognet .2015 . Infodoc  
Express INRA .

# Pérennité ?

## BiomedExperts 1,2 million d'utilisateurs avant fermeture

Biomedexperts.com is now closed.  
As an alternative, please use Elsevier's



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### **Mendeley - an alternative to BME**

Over the past 8 years nearly half a million users have signed up to BME, a platform where scientists can interact and grow their professional networks. In 2013, Elsevier acquired [Mendeley](#), a research collaboration platform with nearly 3 million users worldwide. It offers users the same sharing, networking and collaborating functionalities as BiomedExperts, but within a much larger cross-disciplinary scientific and academic community. Mendeley also has a suite of free, cloud-based tools that helps you to manage your papers and citations, and lets you access your work across all devices.

As a result we have decided to shut down BME and focus our development efforts on Mendeley, which is better positioned to meet the current and future needs of our users.

---



# Archives ouvertes vs Réseaux sociaux

- Le dépôt dans les archives ouvertes comme HAL
  - Est sécurisé et contrôlé,
  - Permet une description plus riche des travaux scientifiques (affiliations, mots-clés...),
  - Fournit des outils de recherche plus performants
  - Assure un accès libre, gratuit et pérenne aux données (stabilité des formats, des URL)
- Stratégie soutenue par les organismes de recherche (CNRS, INRIA ...) et recommandée aux chercheurs
  - Dépôt des travaux dans une archive ouverte,
  - Gérer leur CV sur un ou plusieurs réseaux sociaux, en plaçant des liens vers les travaux déposés en archive.

# Archives ouvertes vs Réseaux sociaux (2)

- Les archives ouvertes doivent développer des fonctions sociales au minimum page personnelle
- Les Réseaux sociaux devraient pouvoir importer facilement des listes de références Exemple ReseachGate
- Le Classement Webometrics a inclu les réseaux sociaux académique dans son classement des portails fournisseurs d'information archives ouvertes ou revues en libre accès (voir diapo 14)

1<sup>e</sup> ReseachGate

2<sup>e</sup> Academia

3<sup>e</sup> Scielo (Revue)

4<sup>e</sup> HAL (CNRS)

....

62<sup>e</sup> Mendeley

**QUELLES STRATÉGIES ?**

# Construire et entretenir un réseau

- Réseau complémentaire et non concurrent de son réseau réel
  - conserver et entretenir des liens
  - créer de nouveaux liens et découvrir des inconnus (dans sa discipline ou non)
  - élargir son réseau par différentes voies : moteurs de recherche, abonnements à des comptes connus, suggestions automatiques
- Valeur ajoutée : **Constitution de communautés thématiques**
  - opportunités pour des invitations à des conférences, des colloques, propositions d'articles ou publications... et donc élargir son réseau
  - Rôle des groupes de discussion (topics, groups, projects...)
  - Repérage aisé (grâce à des notifications) des nouvelles publications, de nouvelles équipes...



# Archives ouvertes (institutionnal repositories)

<http://hal.archives-ouvertes.fr>

Mouvement mondial

Dépôt des publications par les institutions et/ou les chercheurs en respectant la politique des éditeurs

**Le plus souvent une version du manuscrit auteur avec Embargo**

## Accès et réutilisation libre



Accueil   Dépôt   Consultation ▾   Recherche   Documentation ▾

Accueil

## Archive ouverte HAL

L'archive ouverte pluridisciplinaire HAL, est destinée au dépôt et à la diffusion d'articles scientifiques de niveau recherche, publiés ou non, et de thèses, émanant des établissements d'enseignement et de recherche français ou étrangers, des laboratoires publics ou privés.

### À l'attention du déposant

- Le dépôt doit être effectué en accord avec les co-auteurs et dans le respect de la politique des éditeurs
- La mise en ligne est assujettie à une modération, la direction de HAL se réservant le droit de refuser les articles ne correspondant pas aux critères de l'archive
- Tout dépôt est définitif, aucun retrait ne sera effectué après la mise en ligne de l'article
- Les fichiers textes au format pdf ou les fichiers images composant votre dépôt sont maintenant envoyés au CINES dans un contexte d'archivage à long terme.

### À l'attention des lecteurs

- Dans un contexte de diffusion électronique, tout auteur conserve ses droits intellectuels, notamment le fait de devoir être correctement cité et reconnu comme l'auteur d'un document.

**RECHERCHE**

**NOMBRE DE RESSOURCES**

1 001 094

**NOMBRE DE RESSOURCES AVEC FICHIERS**

366 148

# Créer le bon réseau

- Rapport du Research Information network , p. 37
- Les réseaux peuvent vous faire éviter la surcharge d'information
- Combiner les outils avec la connaissance et l'expertise de votre réseau
  - Identifier des informations utiles
  - Il y a des bénéfices à avoir un réseau large et diversifié mais la complexité du réseau n'est pas l'efficacité
  - Avoir une stratégie (recherche expert, valorisation des publications, Veille)

# Préconisation pour le choix du réseau

- Notion de masse critique
- Ergonomie
- Discuter autour des publications (le cœur de l'échange) aussi en amont (échanges d'idées)
- Ouverture
- Pouvoir effacer ses traces
- Maîtrise dans le partage des données

# Notoriété

Dans le monde académique

Ne correspond pas  
MAIS

Sur les réseaux

- Facteur impact des revues de publications
  - Ouvrages / chapitres écrits
  - Citations (indice H)
  - Conférences invités
  - Direction de projets, de laboratoire...
  - ....
- Connectivité : followers et co-auteurs
  - Altmetrics des publications (nb de fois ou ils sont cités sur les principaux réseaux)
  - Post de blogs

Réseaux sociaux  
académiques

- Academia annonce +83% de citations sur 5 ans des articles déposés
- RG calcule un RGScore en fonction du Facteur d'impact des revues
- Revues scientifiques / Archives ouvertes affichent les citations altmetrics

# Colour As a Signal for Entraining the Mammalian Circadian Clock

Overview of attention for article published in PLoS Biology, April 2015

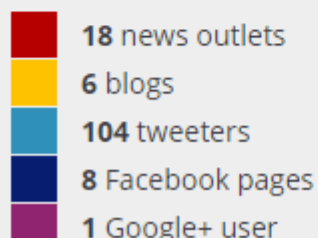


## About this score

In the top 5% of all articles scored by Altmetric

MORE...

## Mentioned by



## SUMMARY

News

Blogs

Twitter

Facebook

More...

You are seeing a free-to-access but limited selection of the activity Altmetric has collected about this scholarly content. **Click here to find out more.**

**Article title** Colour As a Signal for Entraining the Mammalian Circadian Clock

**Published in** PLoS Biology, April 2015

**DOI** 10.1371/journal.pbio.1002127 [↗](#)

**Pubmed ID** 25884537 [↗](#)

**Authors** Lauren Walmsley, Lydia Hanna, Josh Mouland, Franck Martial, Alexander West, Andrew R. Smedley... [\[show\]](#)

**Abstract** Twilight is characterised by changes in both quantity ("irradiance") and quality ("spectral power distribution") of light. [\[show\]](#)

[↗ View on publisher site](#)

[✉ Alert me about new mentions](#)

TWITTER DEMOGRAPHICS

**Indicateurs Almetrics montrant la dissemination sur les réseaux sociaux d'un article de PlosOne (fourni par la société altmetric.com)**

**UNE ALTERNATIVE : UN RESEAU EN  
OPEN SOURCE INSTALLE PAR LES  
UNIVERSITES**

## An interdisciplinary network

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

Find out how your institution can participate




The network of scientists will facilitate scholarly discovery. Institutions will participate in the network by installing VIVO, or by providing semantic web-compliant data to the network.



Cornell Un  
people: 67  
publication

International  
Researcher Network 



VIVO  
connect • share • discover

CAMBRIDGE, MA | AUGUST 12-14, 2015  
[www.vivoconference.org](http://vivoconference.org)

*U.S.S. Constitution*  
Creative Commons License. Used with permission, U.S. Navy. [www.flickr.com](http://www.flickr.com)

<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 



[Co-Author Network](#)



[Map Of Science](#)

## AUTHOR1

### selected publications

#### academic article

[Characterization of the first honeybee Ca<sup>2+</sup> 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...



# Vivo Mapping publications

[Holmes, Kristi L](#)

3 publications, répartition par disciplines (13) et sous disciplines (554)

Explore activity (3 publications) across 554 scientific subdisciplines [i](#)

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

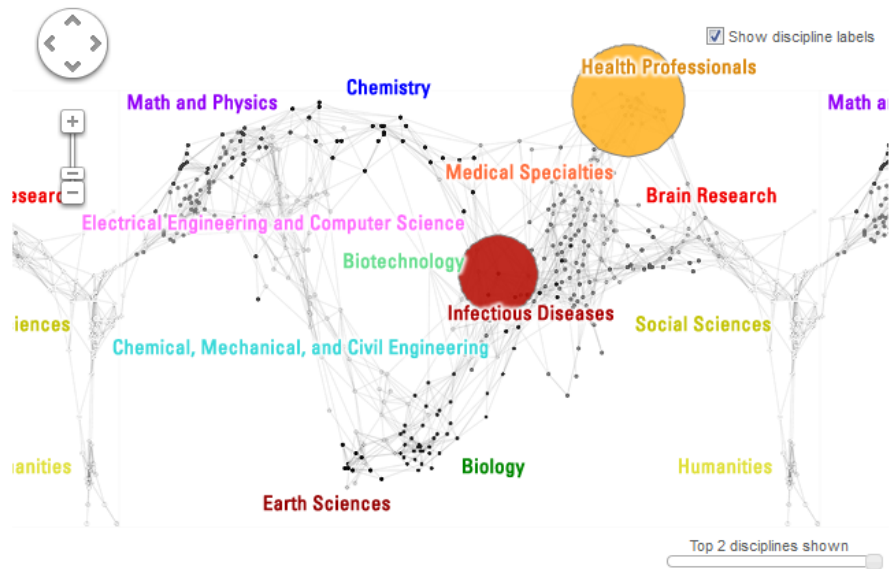
Search:  X [i](#)

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

Subdisciplines	# of pubs.	% of activity
Medical Libraries	2.0	66.7
Protein Science	1.0	33.3
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
Agricultural Economics	0.0	0.0
Agricultural Engineering	0.0	0.0
Agricultural Environmental Medicine	0.0	0.0
AIDS	0.0	0.0
AIDS Treatment	0.0	0.0
Air Quality	0.0	0.0



[Save All as CSV](#)



Google

© 2008 The Regents of the University of California and SciTech Strategies.  
Map updated by [SciTech Strategies](#), [OST](#), and [CNS](#) in 2011.

[Conditions d'utilisation](#)

mapped 30.00% of 10 publications [i](#)

[Save Unmapped Publications](#)

**CONCLUSION**



“The more effort you put into maintaining and regularly updating your profile, the more you will get out of ResearchGate”

- Les réseaux académiques
- Utile pour
  - Discuter autour des publications (le cœur de l'échange) et en amont (échanges d'idées)
  - Découvrir d'autres chercheurs
  - Accroître la visibilité des contenus
- Masse critique atteinte (nb chercheurs)
  - Combien de comptes actifs ? (profils créés automatiquement, mise à jour irrégulière...)
  - Beaucoup d'étudiants, de doctorants/chercheurs établis
- Spams (paramétrer son profil)

[Forum: Did You Know That Researchgate Is Spamming Your Colleagues \(Perhaps Without Your Explicit Consent\)?](#)

- Téléchargement illégal de documents/droits des éditeurs
- Modèle économique et pérennité ?
  - ➔ Déposer en parallèle ses publications dans une archive institutionnelle
- Rôle de l'Institut (charte de déontologie) ?
  - « La liberté d'opinion et d'expression de chacun, y compris à l'extérieur de l'Inra et **sur les réseaux sociaux**, s'applique dans le cadre légal de la Fonction publique, avec une obligation de réserve, de confidentialité et de neutralité, ce qui impose notamment d'exprimer à chaque occasion à quel titre, personnel ou institutionnel, on intervient »
- Identité numérique (effacer ses traces) et droit sur les publications
- Droit et exploitation des contenus
  - ➔ ResearchGate : pas de revente des données des utilisateurs à des tiers

Source : <http://blogs.exeter.ac.uk/openresearchexeter/2013/11/06/74/>

# Etat des lieux des RSNR

Conclusion du rapport [\*If you build it, will they come ?\*](#), rapport du [Research Information network 2010](#)

- RSNR ne sont pas la panacée pour les chercheurs
- Mais ceux qui y sont actifs en retirent des bénéfices dans leur vie professionnelle
  - Identification des informations utiles
  - Rapidité de communication
  - Nouvelles formes de collaboration
  - « Spark exciting new research »
  - Augmentation de la productivité
  - Peuvent éviter la surcharge d'information
- Conclusion : combiner les outils avec la connaissance et l'expertise de votre réseau



Fonction de l'engagement de la communauté

# Des enjeux liés à la publication scientifique

- Les réseaux sociaux ...sont au croisement de trop d'enjeux documentaires et politiques d'une actualité brûlante (modification des modalités de communication scientifique, place des éditeurs, développement de la science ouverte...) pour que les professionnels de l'information puisse en faire l'impasse maintenant, en termes de connaissances professionnelles comme de services aux usagers : il est de notre « responsabilité d'éduquer les membres de notre communauté universitaire » ([J. Ward et al.](#))”

Source : Où en est-on des réseaux sociaux académiques ?

Blog Urfistinfo. Aline Bouchard. 15 mai 2015. <http://urfistinfo.hypotheses.org/2896>.

# Pas de stratégie des institutions



**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)

# Network / OR Open repository / CRIS Current Research Information System

	Network (private)	Open Repository	CRIS
Perenity	Not sure (business approach)	Long term	Long term
Visibility	<b>Individual visibility</b>	Institutional visibility	Team/laboratory visibility
Editing list / outputs	Almost no possibility	Lot a possibilities For work For Ressearch assessment	-
interactions	<b>A lot</b> 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 many	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

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