



# The ResearcherID Project

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James Pringle

VP Product Development

Scientific and Scholarly Research

Thomson Reuters

**HELLO**  
my name is

**AC12.6543.7**

**Are You Ready to Become a Number?**

Life could be a lot easier if every scientist had a unique identification number.  
The question is: Who should provide them?

sciencemag.org on March 28, 2009

**Source: Science, March 28, 2009**



**THOMSON REUTERS**

# Origins of ResearcherID

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- User-driven initiative
  - Research conducted in 2006-2007
- No single organization identified as natural home
  - Thomson Reuters viewed as “neutral” source
- Thomson Reuters stepped forward in late 2007/early 2008
- A voluntary publicly available researcher registration and profile service

# ResearcherID forms part of “Toolkit” to support university goals for repository services

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- **Researcher Citation Profiles (ResearcherID) for individuals**
  - Integrated with bibliographic managers (EndNote Web)
  - Institutional upload service
- **Web of Knowledge APIs for repository administrators**
  - Web services APIs to extract article metadata for repository posting (Available very soon)
  - Link technologies (eg Article Match Retrieve) for integration of citation data into repositories

<http://isiwebofknowledge.com/realvalue/>



# Problem of Identity in Scholarly Communications

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- Open Web:
  - Multiple
  - Voluntary
  - Anonymous
  - Circumstantial
- Professional/Scholarly:
  - Unique
  - Public
  - Cumulative

# Project Objectives

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- Disambiguation and Identification
  - These papers are authored by a single John Smith
  - This John Smith is the one who now works at the university of...X
- Mobility & universality
- User control and privacy
- Ease of dissemination
- Publication list enrichment
- Records correction

# Stakeholders in Scholarly Identity

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- Researchers
- Research Administrators
- Research Funders
- Publishers

# Some Approaches

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- Authority File
  - (eg Library of Congress Authorities) Precise, but resource intensive and ultimately limited in scope
- Algorithmic
  - (eg Arrowsmith Author-ity) Good for search, but limited by metadata and quality of algorithm
- Voluntary Claiming
  - (eg Repec) Successful where value proposition is clear
- Social Network
  - (eg LinkedIn) Achieves success where integrated into specific professional activities
- Mandated
  - (eg CNPq LATTES) Required by funding body
- Hybrid Models
  - (eg Collexis Biomed Experts) Combines algorithmic and voluntary claiming



# Evolution toward a Hybrid Model

ISI HighlyCited.com™ Powered by ISI Web of Knowledge™

HOME HELP LOGOFF

★ Hirano, Toshio

Home > Browse > Results > Biography

ISI Author Publication Number: A0152-2004-G  
 ISI Rating: Highly Cited  
 ISI Assigned Category: Immunology  
 ISI Indexed Name: HIRANO T  
 HIRANO

ISI Notes:



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<http://www.med.osaka-u.ac.jp/pub/molonc/www/Eindex.html>  
 URL:

**Personal Information**  
 Date of Birth: 04/17/1947  
 City, State/Province, Country of Birth: Osaka, Japan  
 Citizenship(s):

<http://www.isihighlycited.com> (2004):

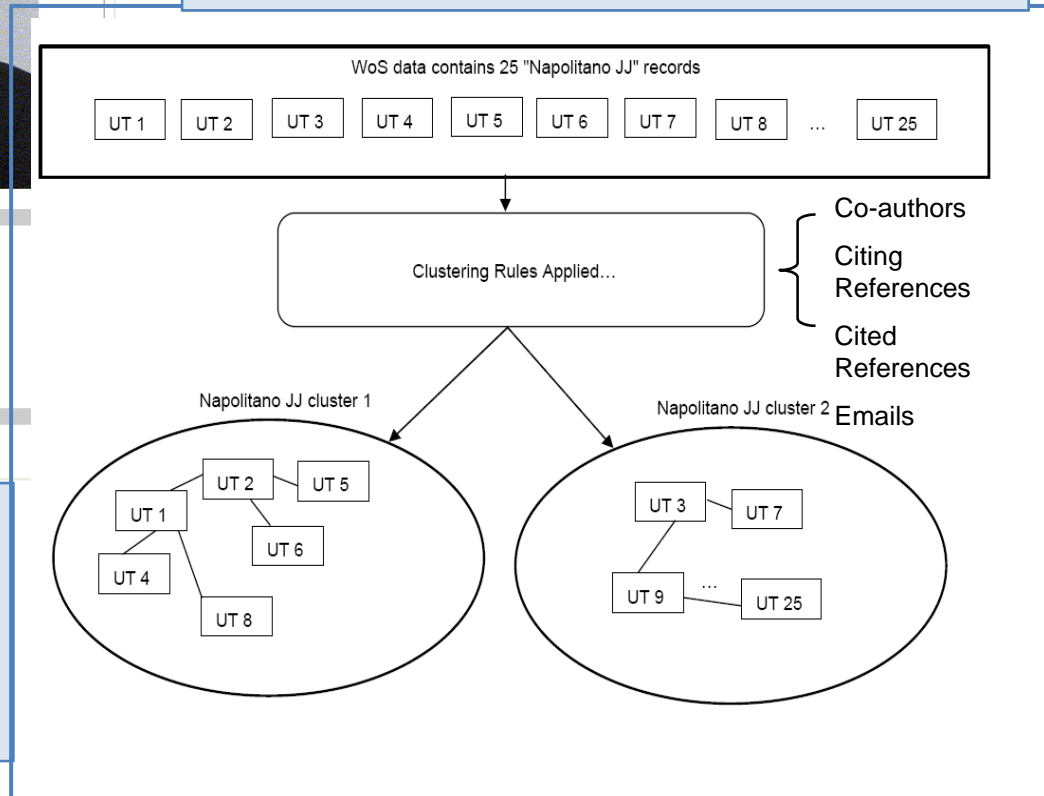
**TR-maintained profiles**

**Users participate by providing information**

**Web of Science DAIS (2006):**

**Disambiguated author profiles**

**Users participate by validating/correcting**





# ResearcherID.Com

ANU Faculty of Engineering and Information Technology Department of Engineering

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**PERSONAL PROFILE**

**Daniel Macdonald**



**RESEARCH INTERESTS**

- Solar energy and photovoltaics
- Industrial multicrystalline silicon solar cells - gettering, texturing, bulk passivation
- Metallic impurities (Fe, Cu, Ni, Cr, Mn etc) in crystalline silicon impact on solar cells
- Novel solar-grade n-type silicon materials and cell structures

**PUBLICATIONS**

Most of my published papers are available as pdf files on our website. A complete list can be found here ([pdf 180 kb](#)).

You can take a look at my publication profile and citations on ResearcherID.com using the button below.

[ResearcherID Profile](#)

**ResearcherID**

**Daniel Macdonald**  
**RID: A-3794-2008**  
**Australian National University**

*Selected Publication List:*

1. Trapping of minority carriers in multicrystalline silicon
2. Iron detection in crystalline silicon by carrier lifetime measurements for arbitrary injection and doping
3. Transition-metal profiles in a multicrystalline silicon ingot

Go to ResearcherID.com to view more information

Go to Search Page Preview the New Features Labs

**My Institutions (more details)**

Primary Institution: Australian National University

Role: Researcher (Academic)

**Citing Articles Network for Macdonald, Daniel H**

Institutions	Number of Citing Articles
AUSTRALIAN NATL UNIV	52
GEORGIA INST TECHNOL	20
FRAUNHOFER INST SOLAR...	19
UNIV NEW S WALES	19
UNIV CALIF BERKELEY	11
ECN SOLAR ENERGY	9
ISFH	9
UNIV KONSTANZ	8
CEA	6
ARGONNE NATL LAB	5
IMEC VZW	5
INST SOLARENERGIEFORS...	5
SINTON CONSULTING INC	5
SHANGHAI JIAO TONG UN...	4
XIAN JIAOTONG UNIV	4
ETINDHOVEN UNIV TECHNOL	3
EVERGREEN SOLAR INC	3
FRAUNHOFER INST SOLAR...	3
NATL RENEWABLE ENERGY...	3
QUAID I AZAM UNIV	3

Number of Citing Articles Powered By Web of Science

Top: Authors | Categories | Countries/Territories | Institutions | Map | Years

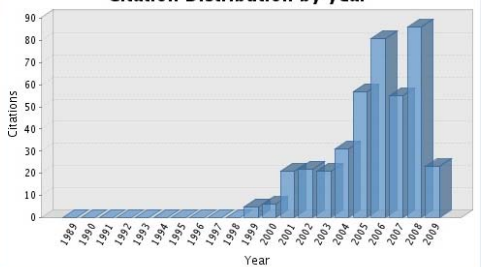
Go ▶▶▶

Pages: 1710-1712 Published: M

Publication List: Citation Metrics

This graph shows the number of times the articles on the publication list have been cited in each of the last 20 years. Note: Only articles from ISI Web of Knowledge with citation data are included in the calculations. [More information about these data.](#)

**Citation Distribution by year**



Total Articles in Publication List: 43  
 Articles With Citation Data: 43  
 Sum of the Times Cited: 408  
 Average Citations per Article: 9.49  
 h-index: 12  
 Last Updated: 04/19/2009 23:21 GMT

<http://www.researcherid.com> (2008):

Users take full responsibility for building, using, creating, and evolving profiles using Web toolkit (e.g. APIs, mashlets, tagging)

GWACAMOLE CHIPPS SALSSA Support Architecture for Large Scale Subsurface Analysis GWACAMOLE Groundwater CCA Modeling Library and Extensions

SciDAC Pacific Northwest National Laboratory

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SALSSA

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**Check out the latest...**

**Computational Hybrid Integration of Physical Processes across Scales (CHIPPS)**

Visualization of pore-scale fluid flow computed using the parallel Smoothed Particle Hydrodynamics code developed under this project. Colors represent local fluid velocity. Visualization created by Ryan-Liu Ma and Chad Jones of the Institute for Ultra-Scale Visualization, University of California at Davis.

**Hybrid Numerical Methods for Multiscale Simulations of Subsurface Biogeochemical Processes:** In this SciDAC Science Application, we are developing an integrated multiscale modeling framework with the capability of directly linking different process models at continuum, pore, and sub-pore scales. These codes will be modified and/or developed using advanced high-performance component architectures and efficient parallel solvers, and will be integrated into a component-based workflow environment to facilitate seamless integration of codes operating at multiple scales with different physical, biological, and chemical conceptualizations appropriate to the needs of specific simulation problems.

**ADDITIONAL INFORMATION**  
Project Co-Investigators:

[Tim Scheibe](#), Pacific Northwest National Laboratory (Lead) [tim.scheibe@pnl.gov](mailto:tim.scheibe@pnl.gov)  
[Alexandre Tartakovsky](#), Pacific Northwest National Laboratory  
[Daniel Tartakovsky](#), University of California San Diego  
[George Redden](#), Idaho National Laboratory

**American Geophysical Union (AGU) Outstanding Student Paper Award**  
 February 2009  
 UC San Diego doctoral candidate Jlenia Sacchiato was cited for her poster presentation at the 2008 Fall AGU meeting describing her work under the SciDAC project entitled "Mixing-induced precipitation phenomena: Range of applicability of macroscopic equations." Her poster was presented in December 2008 at the AGU Fall Meeting. Her formal citation will appear in a future issue of EOS, the AGU weekly newspaper.

**Animation of Simulated Flow and Particle Tracks in a Wavy Tube**  
 February 2009  
 We have developed an animated visualization of computed flow in a wavy tube (analog for pore throats and pores in a porous medium). Right-click on the icon below and select "Save Target As..." to download the movie to your local disk (WARNING: The animation file is large - over 50 Mbytes). PNNL-SA-54493

**Article Published in Geophysical Research Letters**


[ResearcherID Profile](#)  
[ResearcherID.com](#)

## 下平英寿 (しもだいらひでとし)



### 統計科学 & バイオインフォマティクス

### 略歴, 文献リスト (被引用回数ランキング)

文献リストの一部は [ResearcherID.com](https://www.researcherid.com) にもあります 

#### 教育

- 下平研究室のウェブサイト (最近の活動はこちら)
- 2008年前期の講義: 「データ解析」(3年)
- 2008年後期の講義: 「統計数理II」(大学院), 「総合演習実験」(3年)
- 講義・演習の一覧 (学外を含む)

## メンバー

### スタッフ



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京都大学医学研究科  
先端技術センター(兼任)

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ResearcherID  
Profile  
[Researcherid.com](https://www.researcherid.com)

 経歴

 論文

 留学体験記



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Naoki Matsuo  
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[Researcherid.com](https://www.researcherid.com)

 経歴

 論文

 仕事と研究概要



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ResearcherID  
Profile  
[Researcherid.com](https://www.researcherid.com)

 経歴

 論文

# Workflow: Bibliographic Management & Export

**ResearcherID**  
A Global Community Where Researchers Connect

**Napolitano, John J** [Preview the New Features](#) [Labs](#) Your labs page shows only your public data.

ResearcherID: A1001-2007-A  
Other Names: J. J. Napolitano; J. Napolitano  
Email: [john.napolitano@thomson.com](mailto:john.napolitano@thomson.com)  
URL: <http://www.researcherid.com/A1001-2007-A>  
Role: Interface Designer  
Subject: Information Science  
Keywords: Interface; Design; Web

**My Institutions** [more details](#)  
Primary Institution: Thomson  
Sub-org./ Dept: Product Development  
Role: Other  
Joint Affiliation: Design  
Sub-org./ Dept: Design  
Role: Faculty  
Past Institutions: Pennington

Description: I design Web-based software and write the specifications documents for that software for programmers.

**Publications**  
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**My Publication List: View**  
363 publication(s) Page 1 of 3

- Title: [Wine waste treatment methodology](#)  
Author(s): Arvanitoyannis IS, Ladas D, Mavromatis A  
Source: [DIAS Report, Plant Production](#) Issue: No.123 P. 1-10  
Times Cited: 23  
DOI: 10.1000/182 / Author URL: [DOI](#)
- Title: [Study of trehalose-relating enzymes](#)  
Author(s): Nishimoto T  
Source: [Journal of Applied Glycoscience](#) Volume: 53 Issue: 1  
Times Cited: 0  
DOI: 10.1000/182 / Author URL: [DOI](#)
- Title: [Role of spontaneous current oscillations during high pressure liquid chromatography](#)  
Author(s): Tyurin MV, Sullivan CR, Lynd LR  
Source: [Applied and Environmental Microbiology](#) Volume: 68 Issue: 1  
DOI: 10.1000/182 / Author URL: [DOI](#)
- Title: [Biogas production and process kinetics in serial continuous stirred tank reactor](#)  
Author(s): Nielsen, A. M., Møller, H. B.  
Source: [Systematic and Applied Microbiology](#) Volume: 25 Issue: 2  
Times Cited: 2

**EndNote Web**  
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Welcome James

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Search for \_\_\_\_\_  
in **All My References**  
[Search](#)

**My References**  
**All My References (15)**  
My Pubs (0)  
[Unfiled] (0)  
Quick List (0)  
Trash (3) [Empty](#)  
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My Publications (4) [Add](#)  
Publication List 1 (11)  
Publication List 2 (0)

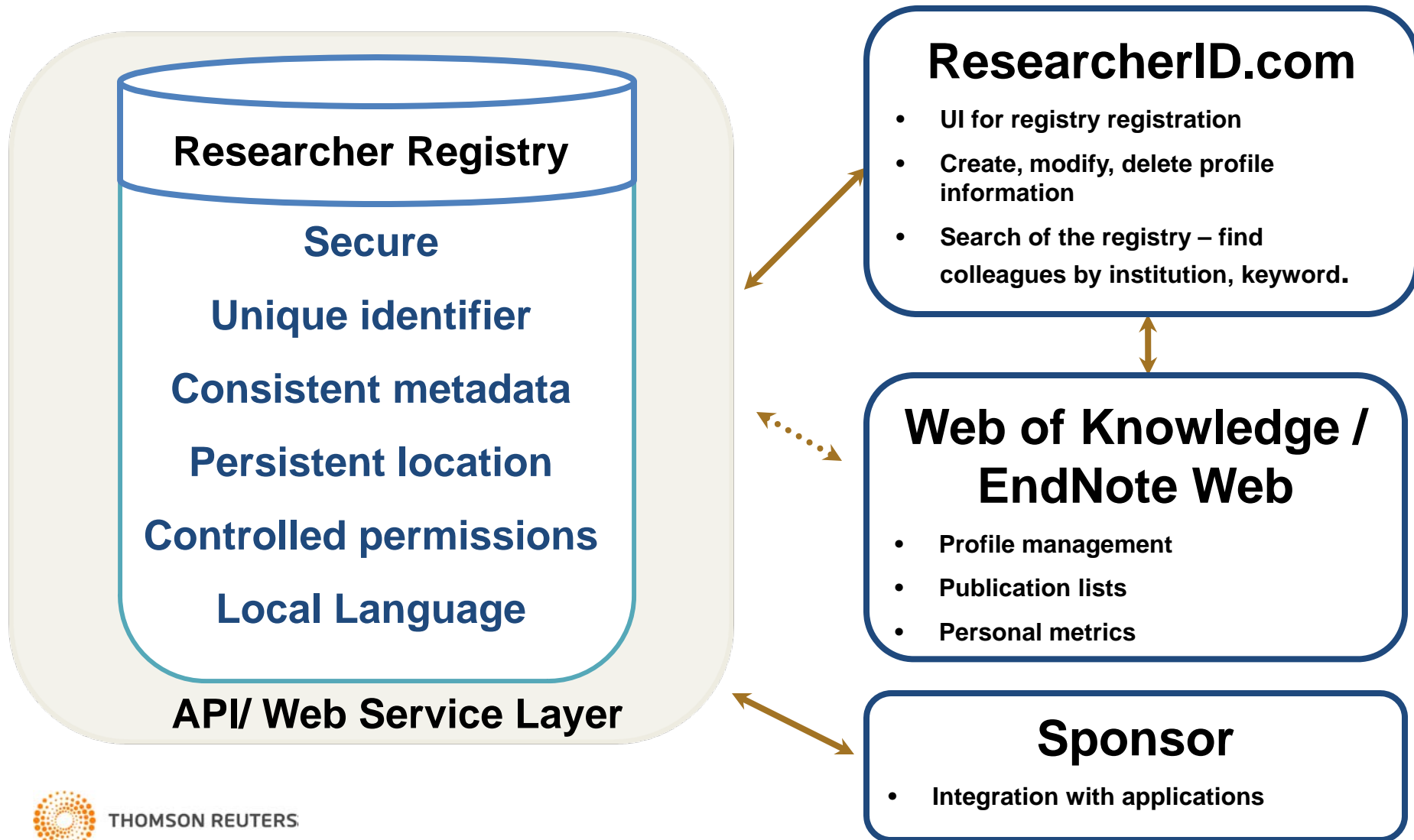
**All My References**  
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	Author	Year	Title
<input type="checkbox"/>	Archambault, E.	2006	Benchmarking scientific output in the existing databases Scientometrics <a href="#">ISI Web of KnowledgeSM</a> → <a href="#">Source Record</a> <a href="#">Links</a> <a href="#">Full Text</a>
<input type="checkbox"/>	CRAIG, ID	2007	Do open access articles have greater impact? JOURNAL OF INFORMETRICS <a href="#">ISI Web of KnowledgeSM</a> → <a href="#">Source Record</a> <a href="#">Links</a>
<input type="checkbox"/>	Glanzel, W.	2002	Journal impact measures in bibliometrics Scientometrics <a href="#">ISI Web of KnowledgeSM</a> → <a href="#">Source Record</a> <a href="#">Links</a> <a href="#">Full Text</a>
<input type="checkbox"/>	Lariviere, V.	2006	Canadian collaboration networks: A case study in the sciences and the humanities Scientometrics <a href="#">ISI Web of KnowledgeSM</a> → <a href="#">Source Record</a> <a href="#">Links</a> <a href="#">Full Text</a>
<input type="checkbox"/>	Moed, H. F.	2002	Towards research performance in the library Library Trends <a href="#">ISI Web of KnowledgeSM</a> → <a href="#">Source Record</a>



# A “Sponsored Registry” Identity System Designed for Additional “Sponsors”

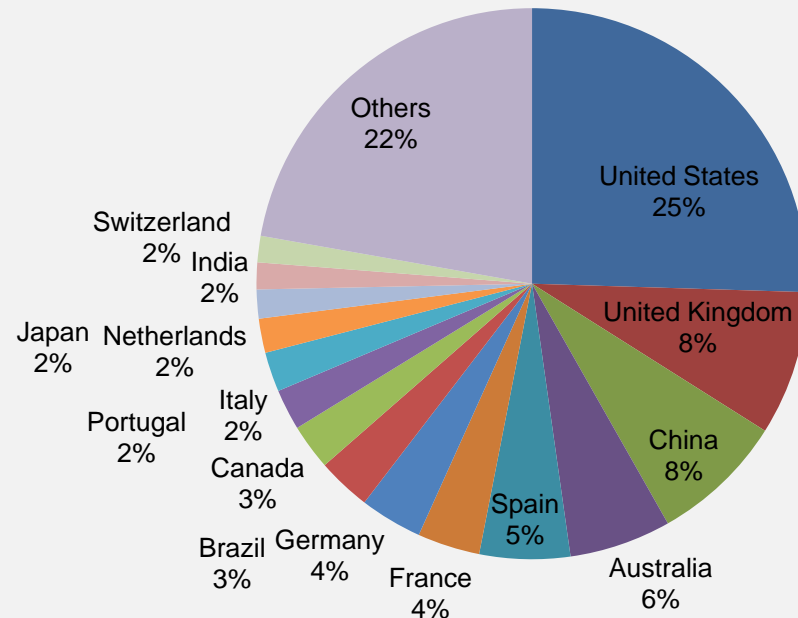


# Participation from the Global Research Community

## Top Ten Institutions

University College London  
The University of Queensland  
Monash University  
Harvard University  
University of Michigan  
University of Pennsylvania  
ETH Zurich  
University of Cambridge  
Stanford University  
McGill University

## Country Locations




Identity solution. Jochen Cals (left) and Daniel Kotz argue that a global system of unique identifiers, such as their ResearcherIDs, will help scientists better search research literature and work with colleagues.



# Assembling *Federated Identities*


Peter Kolb


A portrait of Peter Kolb, a man with short brown hair and sunglasses, wearing a pink short-sleeved button-down shirt. He is standing outdoors on a paved path with a green lawn and a church steeple in the background under a clear blue sky.

Shoichet Lab  
University of California San Francisco  
Mission Bay Campus, QB3  
Dept. of Pharmaceutical Chemistry  
1700 4th Street, Box 2550  
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email: kolb@blur.compbio.ucsf.edu

Link

My page while in the [Cafilisch group](#) at the University of Zurich.

XING

LinkedIn profile

Projects

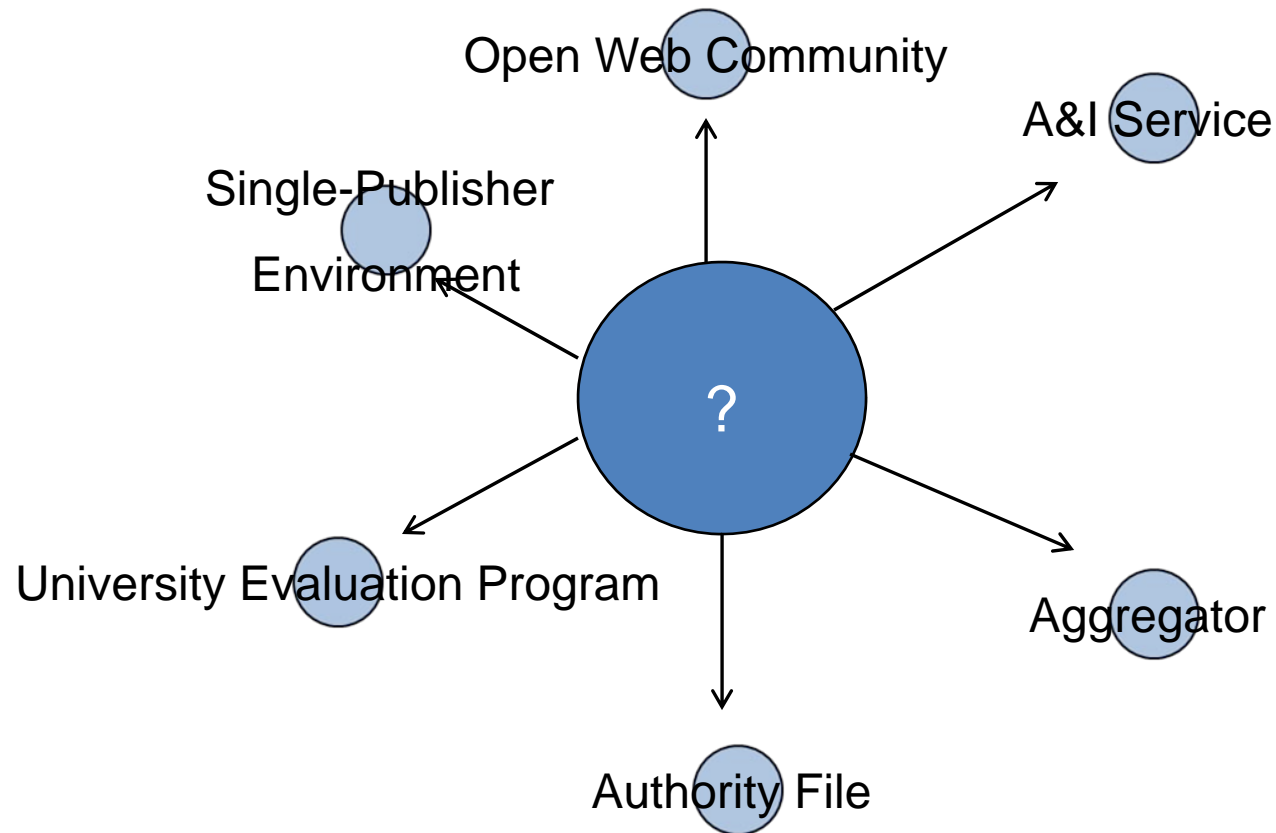
**Enzyme function prediction**

- Identifying substrates of amidohydrolases



# The Next Agenda?

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# Thank You!