

Open Access Publishing and the role of the Royal Society of Chemistry


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Sales Manager Central, Eastern & Northern
Europe

Bern, Switzerland, May 2014:
Consortium event 2014:
Open Access – Current trends and future
developments





What the Presentation covers:

- Where we are and what we do
 - Long-Term Archiving
 - What is Open Access and our view on sustainability
 - How does RSC Gold works in practice
- 



Who we are

The world's leading
chemistry community

What we do

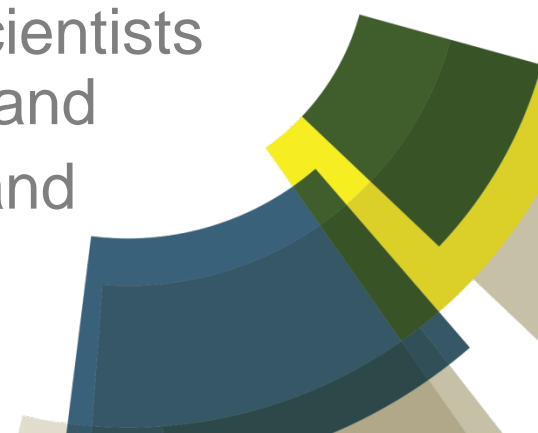
Advancing excellence in the
chemical sciences

Why we do it

To shape the future of the
chemical sciences for the
benefit of science and humanity

What drives us

Bringing chemical scientists
together; promoting and
sharing knowledge and
ideas

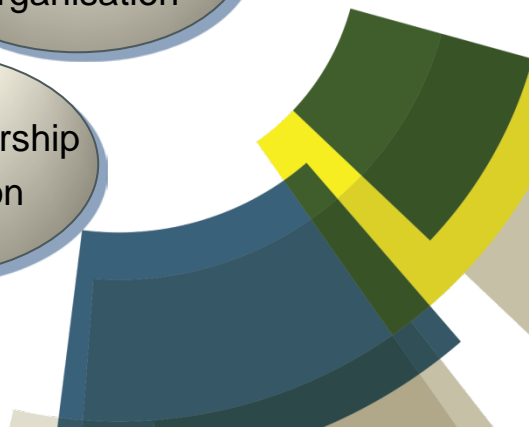




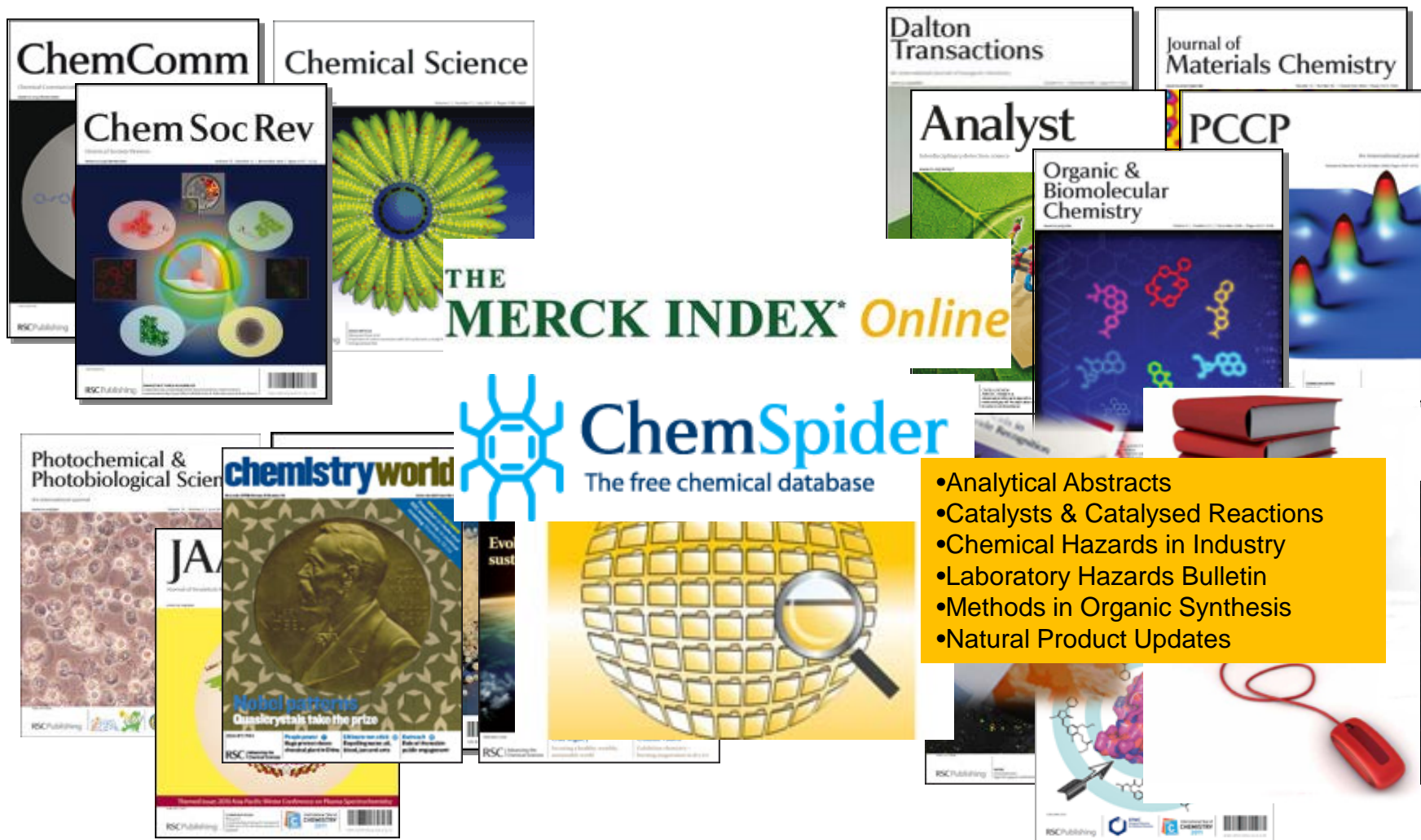
The Royal Society of Chemistry

Advancing excellence in the chemical sciences

Shaping the future of the chemical sciences for the benefit of science and humanity

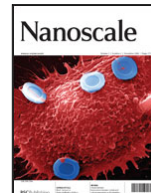
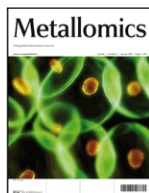
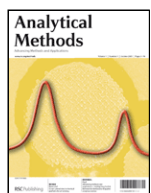


What is RSC Publishing?

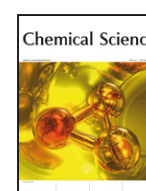
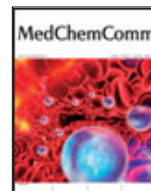
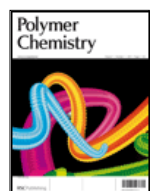


New RSC Journals

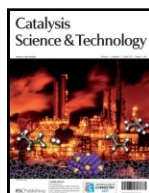
2009



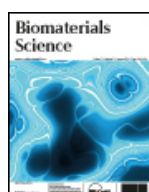
2010



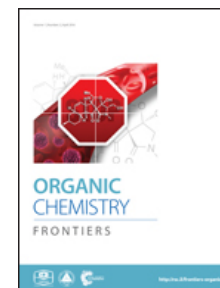
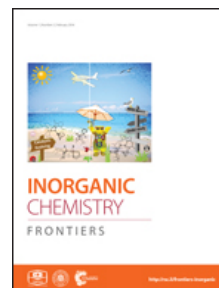
2011



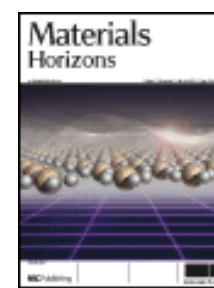
2012



2013



2014






We do archive our content

	Portico	LOCKSS	CLOCKSS
eJournal articles	1841 - continuing	1996 - continuing	1996 - continuing
eBook chapters	1968 - continuing	1968 - continuing	1968 - continuing

All archives are “dark” archives – only accessible if the RSC no longer hosts the content.






What is Open Access?

Open access (OA) is the availability of electronic content to readers without any access payment

The advocates:

- Government
 - Funding organisations
 - Libraries
 - Universities
 - Research communities
 - Patient advocacy groups
 - The Public (tax payers)
- 



Gold Open Access

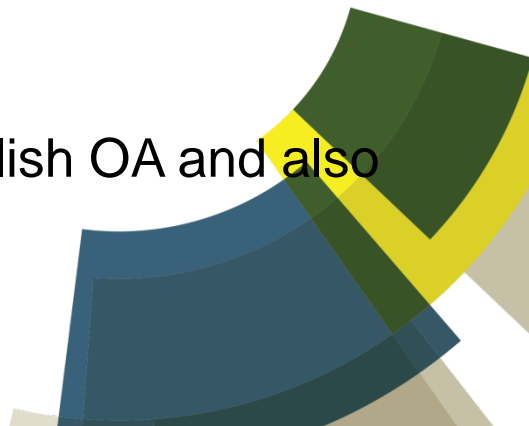
‘Article Processing Charge/Fee’ is paid on acceptance

Paper is free for everyone to read from date of publication

Advantages

- Paper freely available immediately
- Authors still receive ‘value-added’ services from publisher
- Potentially sustainable business model

Disadvantages

- Cost could discourage some authors to publish
 - Changeover expensive for institutes who pay to publish OA and also read non-open content
- 



Green Open Access


Paper initially published in a subscription journal

Deposited in an open access repository after an embargo period (12 months with the RSC)

Advantages

- Free for researchers (but repositories still cost money to set-up and run)
- Majority of publishers already allow some form of deposition

Disadvantages

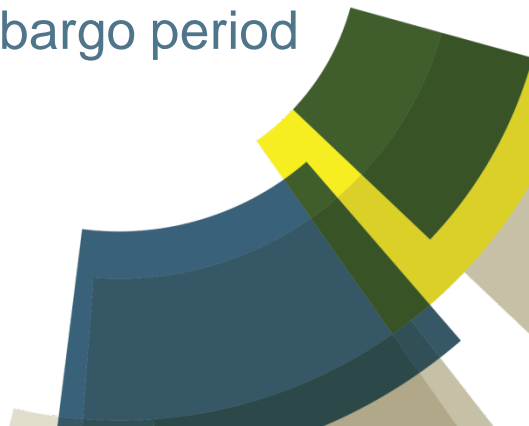
- **Embargoes:** latest research is not freely accessible
 - Archiving: **no version control** of article deposited
 - Limited search facilities and discoverability
 - Unsustainable business model
- 



Chemical Sciences Article Repository

To provide a central point for any person to find and share open access articles from the chemical sciences

Our aim is to host and/or contain records for all open access articles within the scope of the chemical sciences:

- Fully funded immediate open access (gold)
 - Author versions made open access after an embargo period (green)
- 

The screenshot shows the homepage of the Chemical Sciences Article Repository BETA. At the top, there is a navigation bar with links for Home, Sign in, Publishing, ChemSpider, Education, Community, News, and More... A search bar labeled 'Search the RSC' is also present. Below the navigation bar, the main header features the title 'Chemical Sciences Article Repository BETA' and the Royal Society of Chemistry logo. A secondary navigation bar includes links for Home and FAQs. The main content area is divided into a search section with a search bar and a 'Search' button, and a browse section with filters for Subject, Publisher, and Article Type. A 'Deposit Your Work' section is also visible, along with a table showing article counts by subject.

Articles available: 0 0 0 8 8 2

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Deposit Your Work

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Deposit

Subject	Article Type	Publisher
Organic	>>> 0 0 0 8 1	
Catalysis	>>> 0 0 0 5 5	
Inorganic	>>> 0 0 0 5 2	
Physical	>>> 0 0 0 4 5	

Timeline:

Beta version launched in October 2013

Full launch mid 2014

"a collection of chemistry data curated by the Royal Society of Chemistry will be of significant value to the worldwide chemistry community."

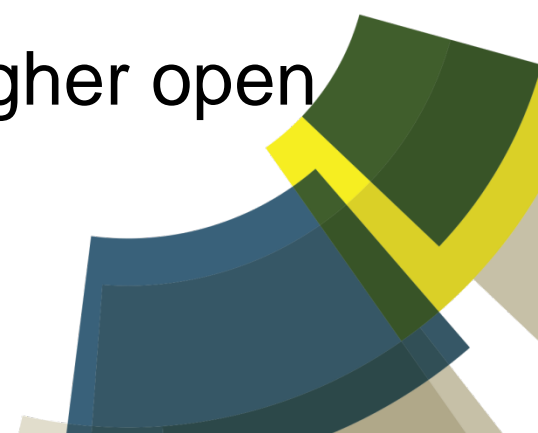
Prof Philip Gale, Head of Chemistry, University of Southampton

<http://www.rsc.org/Chemical-Sciences-Repository/articles/>



What are the challenges / risks?



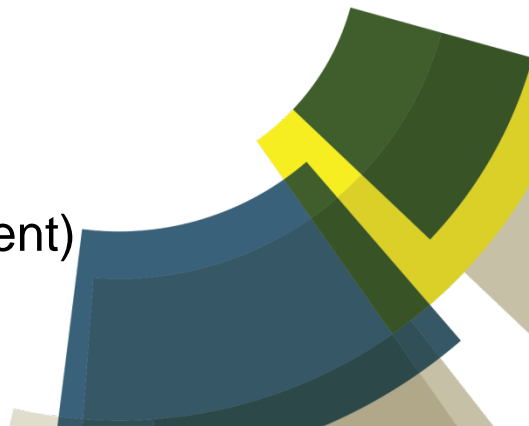
- Self-funded researchers
 - Low funded fields / nations
 - Multiple authors / mandates / funders
 - Ethical risks
 - Society publishers' charitable activities
 - High impact journals require much higher open access fees
- 



What is the RSC's view?

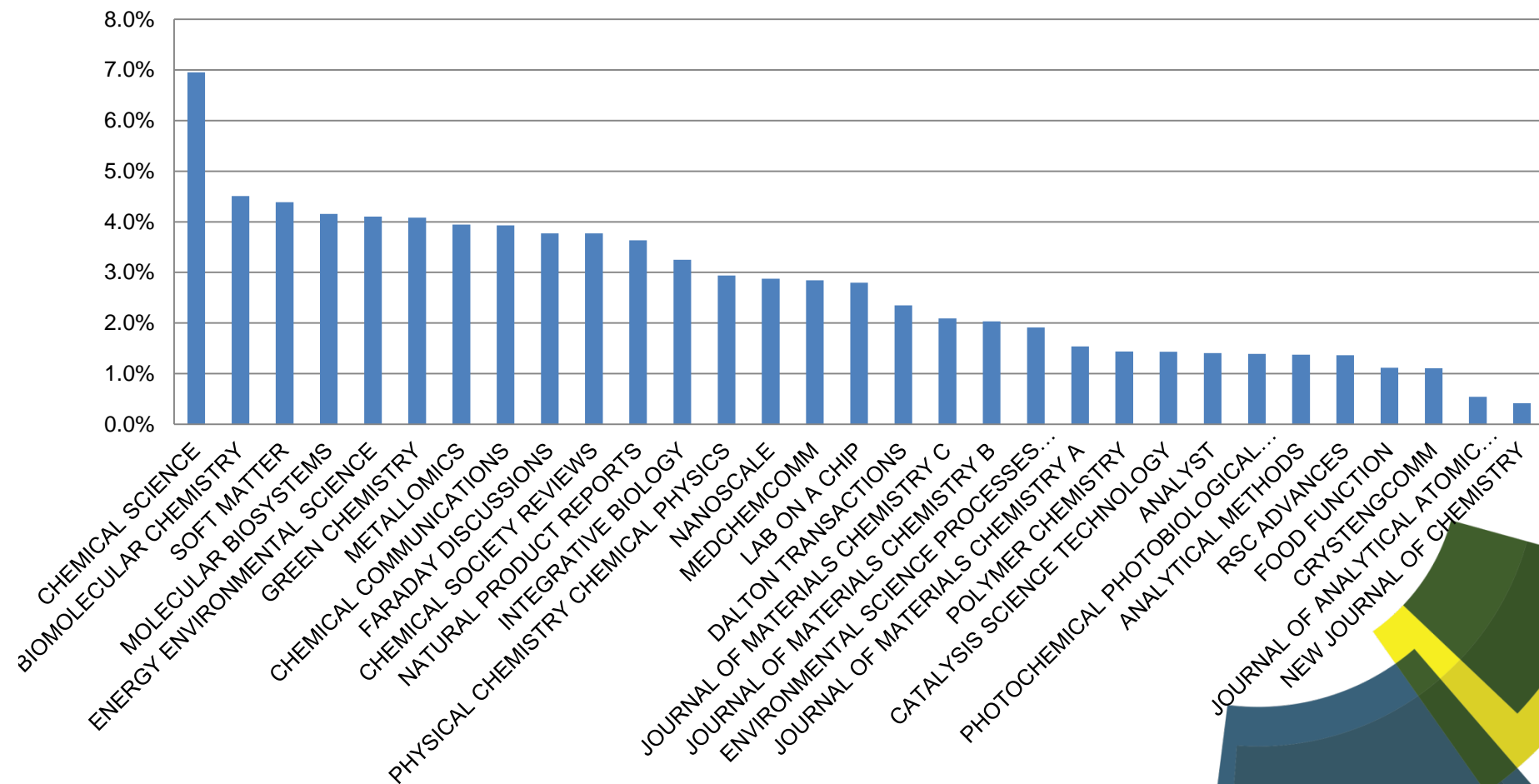
“RSC supports Open Access models which seek to ensure that scholarly publishing activities operate in a long term sustainable way”

RSC content satisfies the fundamental pillars of scholarly publishing, namely:

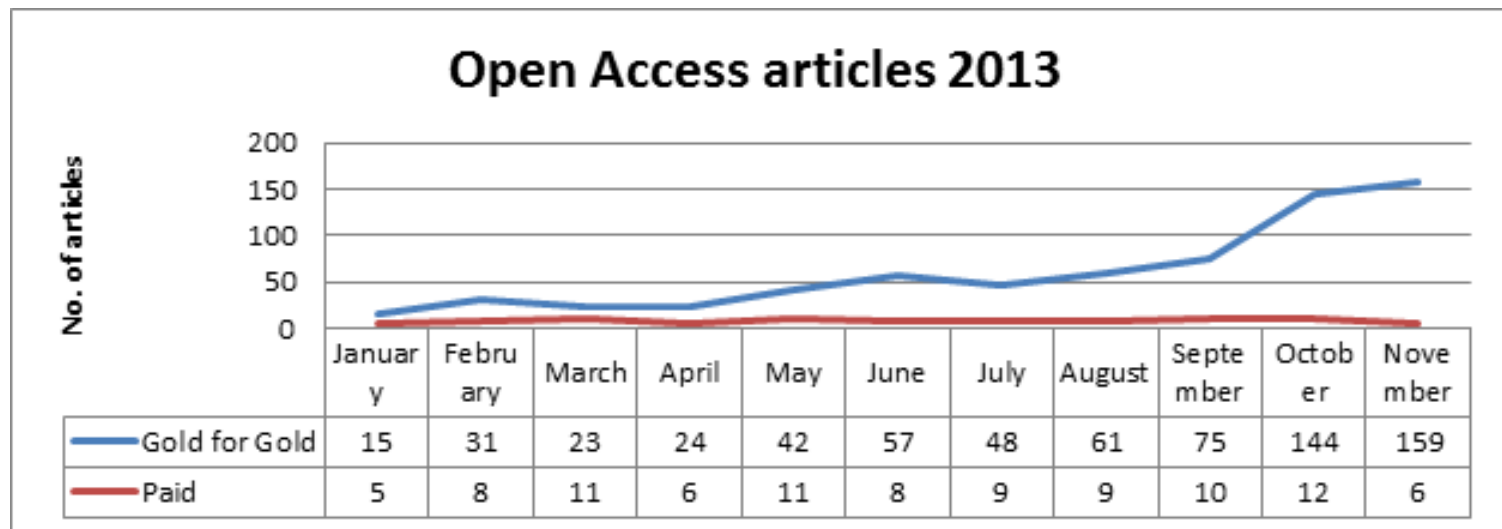
- Certification (validation of quality and integrity)
 - Registration (recognition of achievement)
 - Accessibility (unparalleled online access, worldwide)
 - Archiving (reliable perpetual accessibility)
 - Discoverability (industry leading services to identify content)
- 

Current Impact

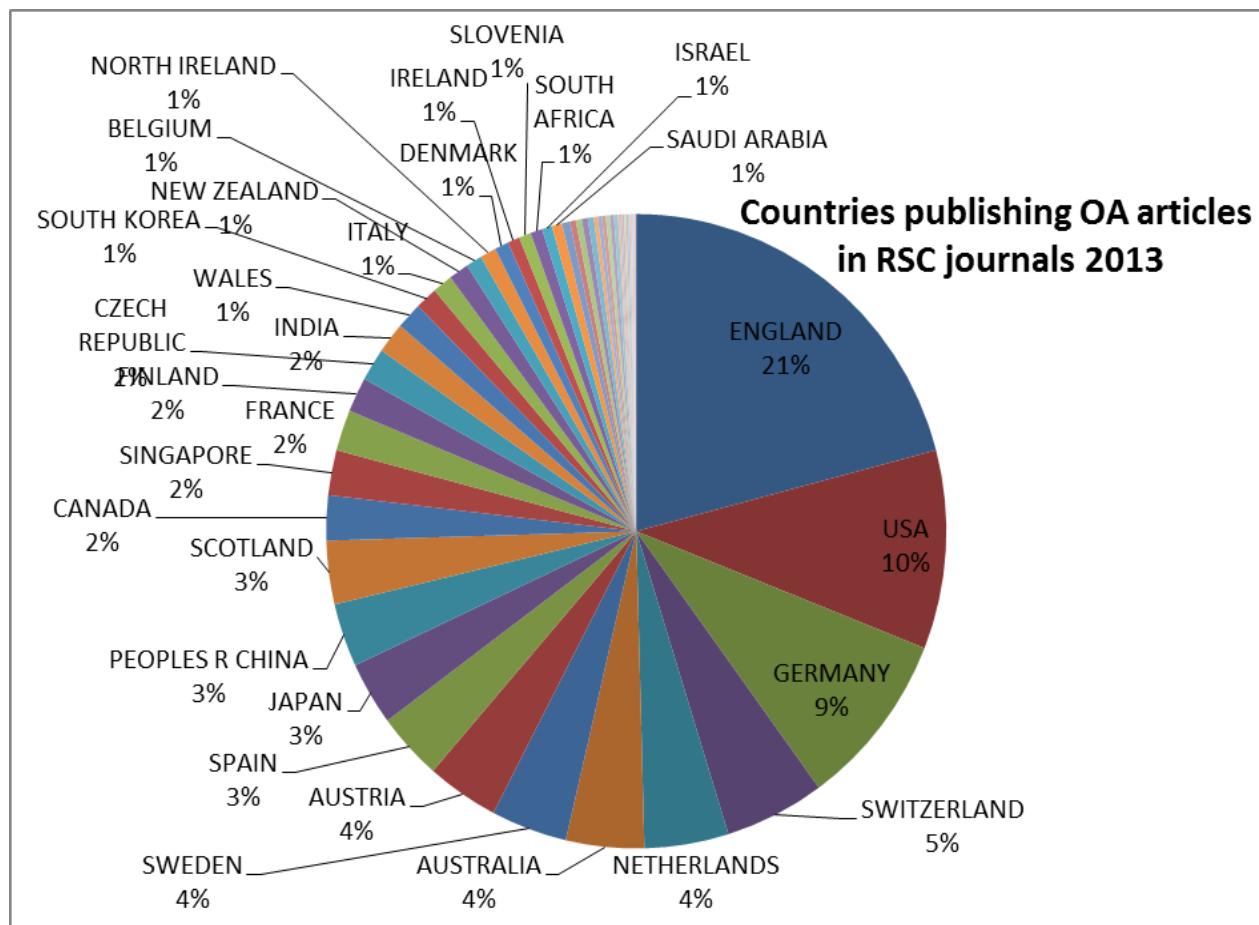
% of articles per journal that are published OA 2013



Gold for Gold VS Paid Gold



Country OA stats – RSC Journals



Where's it happening?





Gold for Gold



- We recognise researchers are being asked to publish OA, but may not have the funding
- A **reward** for all RSC Gold subscribing institutions
- Institutions get **voucher codes to publish Gold OA free of charge**
- Number of voucher codes received is what the institution pays for RSC Gold divided by £1,600
- **£6Million** invested in free Gold OA voucher codes for RSC Gold members

"The more that this type of thinking can be seen to permeate throughout the publishing industry, the better."

Ron Egginton, Department for Business, Innovation and Skills





Results so far...

- >600 Institutions qualify for Gold for Gold Voucher Codes
 - In 2013
 - 878 articles
 - from 187 institutions
 - in 26 different countries
 - Institutions include:
 - Cambridge University (UK)
 - UCLA (US)
 - University of Queensland (Australia)
 - Indian Institute of Technology Bombay (India)
 - Osaka University (Japan)
- 

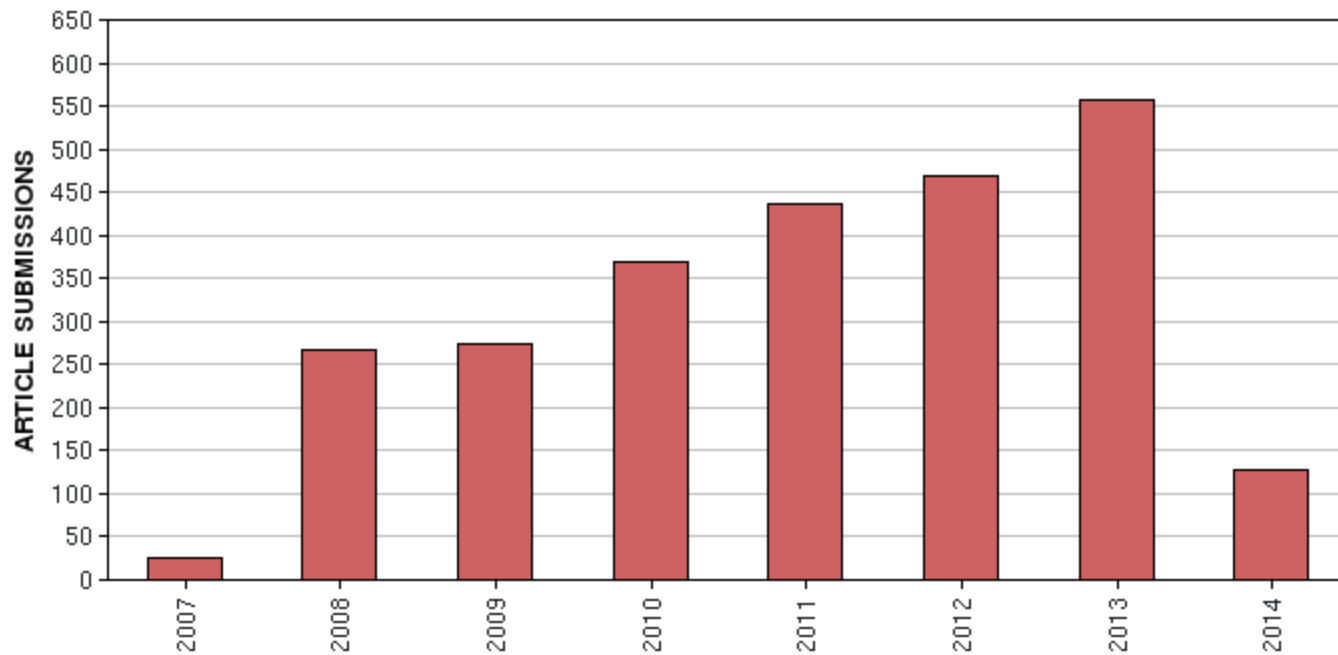


The Swiss Landscape

RSC Gold Consortia Subscriber

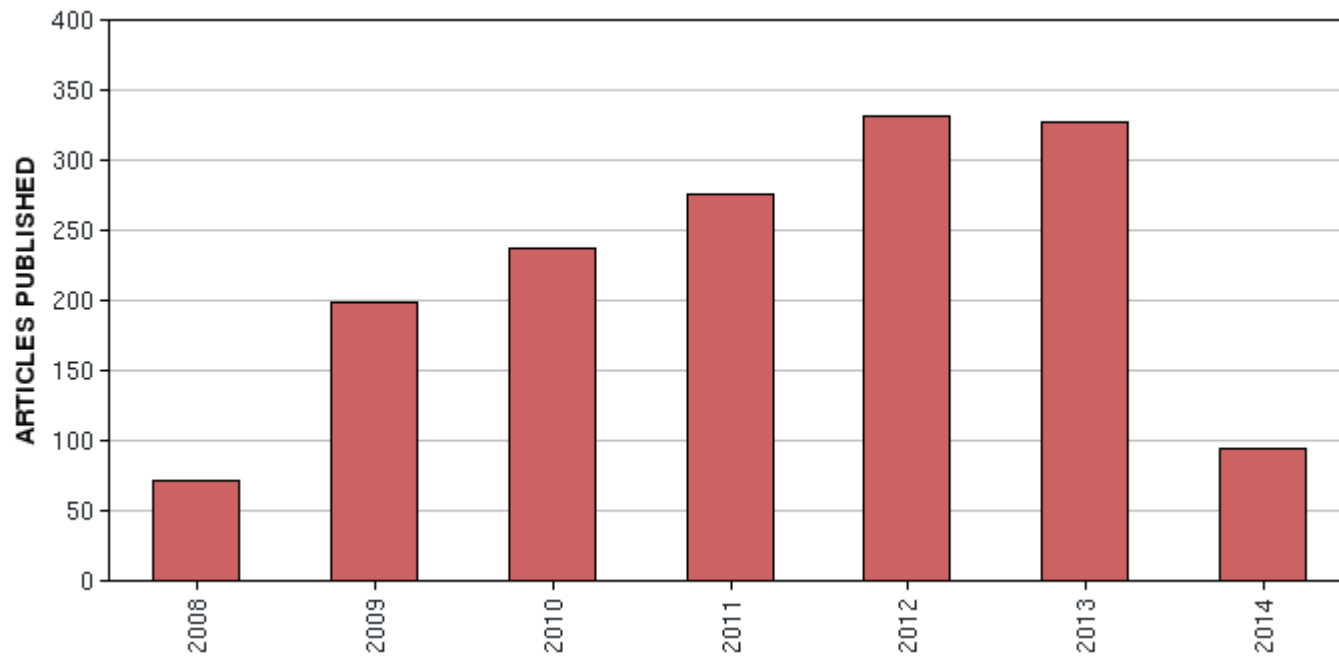
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 6. University Geneva
 7. University Bern
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 9. Seven Universities of Applied Sciences
- 

Swiss Articles Submitted





Swiss Articles published





Published Open Access through RSC Gold

2013

Total Available	110
Total Used	59
Ecole Polytechnique Federale de Lausanne	5
ETH Zurich	12
Lib4RI	9
University Zurich	12
University Basel	13
University Bern	6
University Genève	2

2014 YTD

Total Available	113
Total Used	16
Ecole Polytechnique Federale de Lausanne	3
ETH Zuerich	1
LIB4RI	1
Schweizer Fachhochschulen (KFH)	1
Universitat Basel	3
Universite de Geneve	7

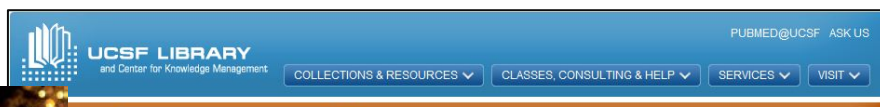




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Ensuring Researchers and the Scientific Community benefit – A changing role for Librarians!



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What's New at the Library > Open Access Publishing Vouchers Available for RSC Journals

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2013

SC Advancing the Chemical Sciences



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If your library has a set number of RSC voucher codes and will assign them on a first-come, first-served basis, full paper, review, or technical note in an RSC journal under the publisher's Gold OA option. For details, see "What is the process for authors under this initiative?" on this page. To request a voucher code, send an email to the library, including correspondence from RSC demonstrating that your institution is eligible for a single voucher in 2013. The

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Gold for Gold

RSC's (Royal Society of Chemistry) Gold for Gold Initiative

Gold for Gold is an innovative experiment from RSC Publishing that enables researchers to publish their paper in RSC journals free of charge, as a Gold Open Access (OA) article, without paying the normal Article Publication Fee (APF). As a subscribing institution to the RSC, UCLA currently has thirteen vouchers to offer researchers for OA publishing on a first-come/first-serve basis.

Each voucher code can be used to publish a communication, full paper, or review under the RSC's Gold OA option.

Having met these format criteria, the article **must** be:

- Accepted for publication in an RSC journal following an institution's renewal or upgrade to RSC Gold for 2013. A voucher code cannot be used until an article has been accepted. Once accepted, if the article is to be published Gold OA free of charge, it is up to the institution's representative to pass on the code to the author to be inserted into the Gold for Gold online acceptance form (see the next 2 FAQs for the role of the institution and the author). Please note all voucher codes, including credits provided during the 2012 pilot scheme are valid until the end of 2013
- New (i.e. voucher codes cannot be used for articles that have already been published)
- Authored by a researcher based at the institution holding the voucher codes

For program FAQ's, please visit <http://www.rsc.org/Publishing/librarians/GoldforGoldFAQs.asp>.

If you would like one of these vouchers or more information about this program, please contact an SEL Librarian.

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How can an Gold4Gold Open Access Vouchers be used?

- An article has be submitted and accepted in the year of the voucher validity (now 2014)
- Both, corresponding and co-author, can use vouchers
- The Author or Librarian has to click the link
[Au-000982](#)
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RSC Gold4Gold Open Access Vouchers PDF




Gold for Gold

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Please see below full details of your voucher codes. To redeem a voucher code just click it!
For more information on our Gold for Gold initiative, go to [Gold for Gold FAQ](#).

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Au-006606	Gold 4 Gold	Available	31.12.2014
Au-006607	Gold 4 Gold	Available	31.12.2014
Au-006608	Gold 4 Gold	Available	31.12.2014
Au-006614	Gold 4 Gold	Available	31.12.2014



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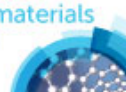
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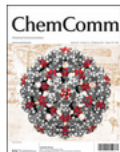


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Communication

Linking gold nanoparticles with conductive 1,4-phenylene diisocyanide–gold oligomers

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4-6, 14195 Berlin, Germany*Chem. Commun.*, 2013, 49, 1422-1424

DOI: 10.1039/C2CC38389F

Received 21 Nov 2012, Accepted 02 Jan 2013

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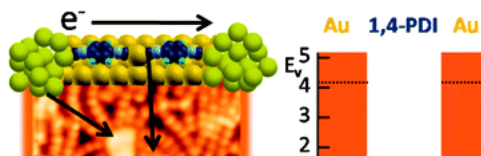


Abstract

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It is demonstrated that 1,4-phenylene diisocyanide (PDI)–gold oligomers can spontaneously bridge between gold nanoparticles on mica, thereby providing a strategy for electrically interconnecting nanoelectrodes. The barrier height of the bridging oligomer is 0.10 ± 0.02 eV, within the range of previous single-molecule measurements of PDI.



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Benefits of Gold for Gold



Authors

- Easy solution to increasing pressure to publish OA
- Get more visibility for their research
- No need to deal with payments of OA articles

Librarians

- Great for relations with faculty
- Become more actively involved with OA
- A chance to experiment with this model

Institution

- Profile is raised
 - Copies of OA articles deposited in PMC
- 



Consortia Success in Germany with DGF

- Big consortium deal in Germany with DFG
- 930 voucher codes for Institutions
- Very engaged community



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