

ID/OA Mandate

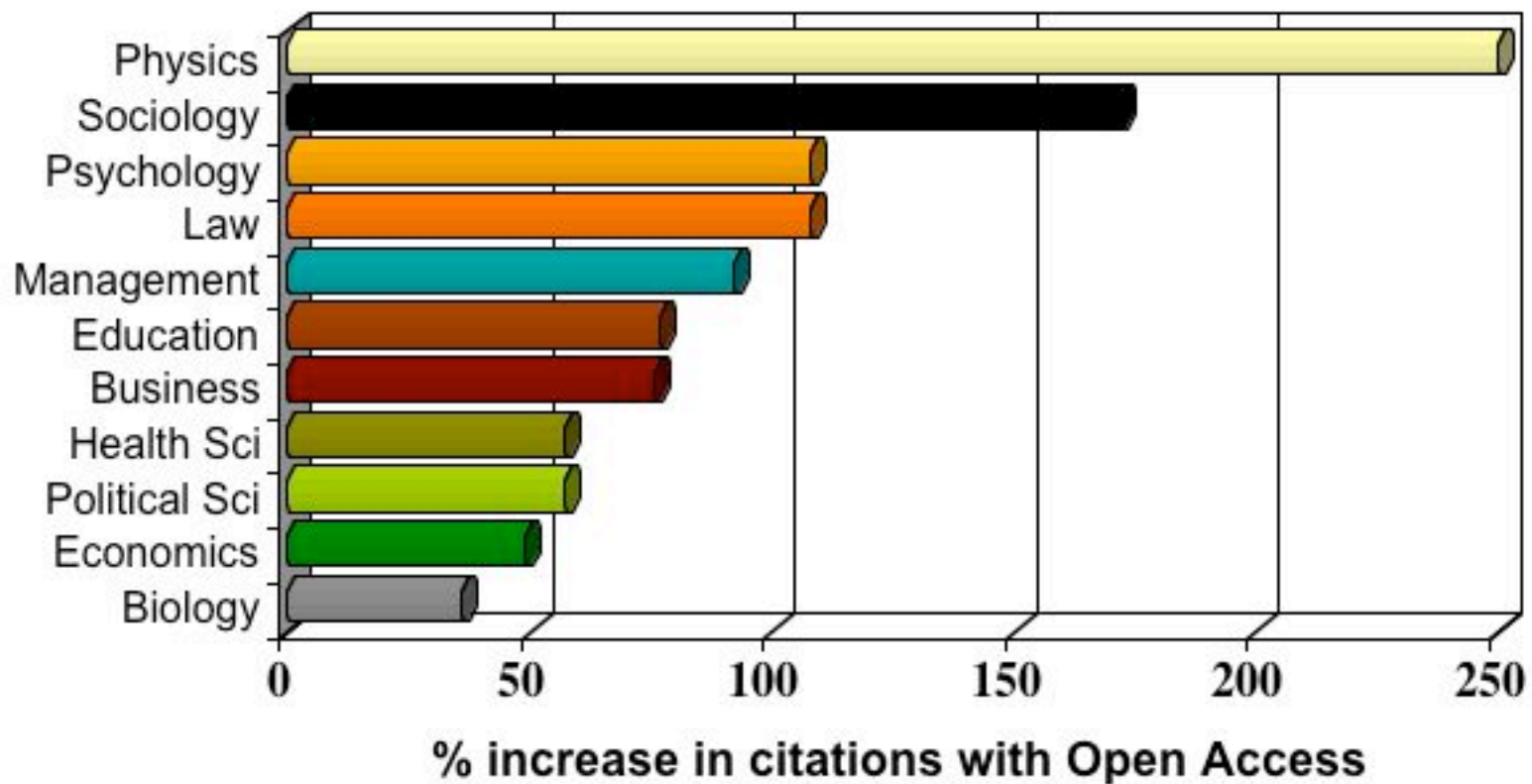
Harvard Mandate

NIH Mandate

Metrics

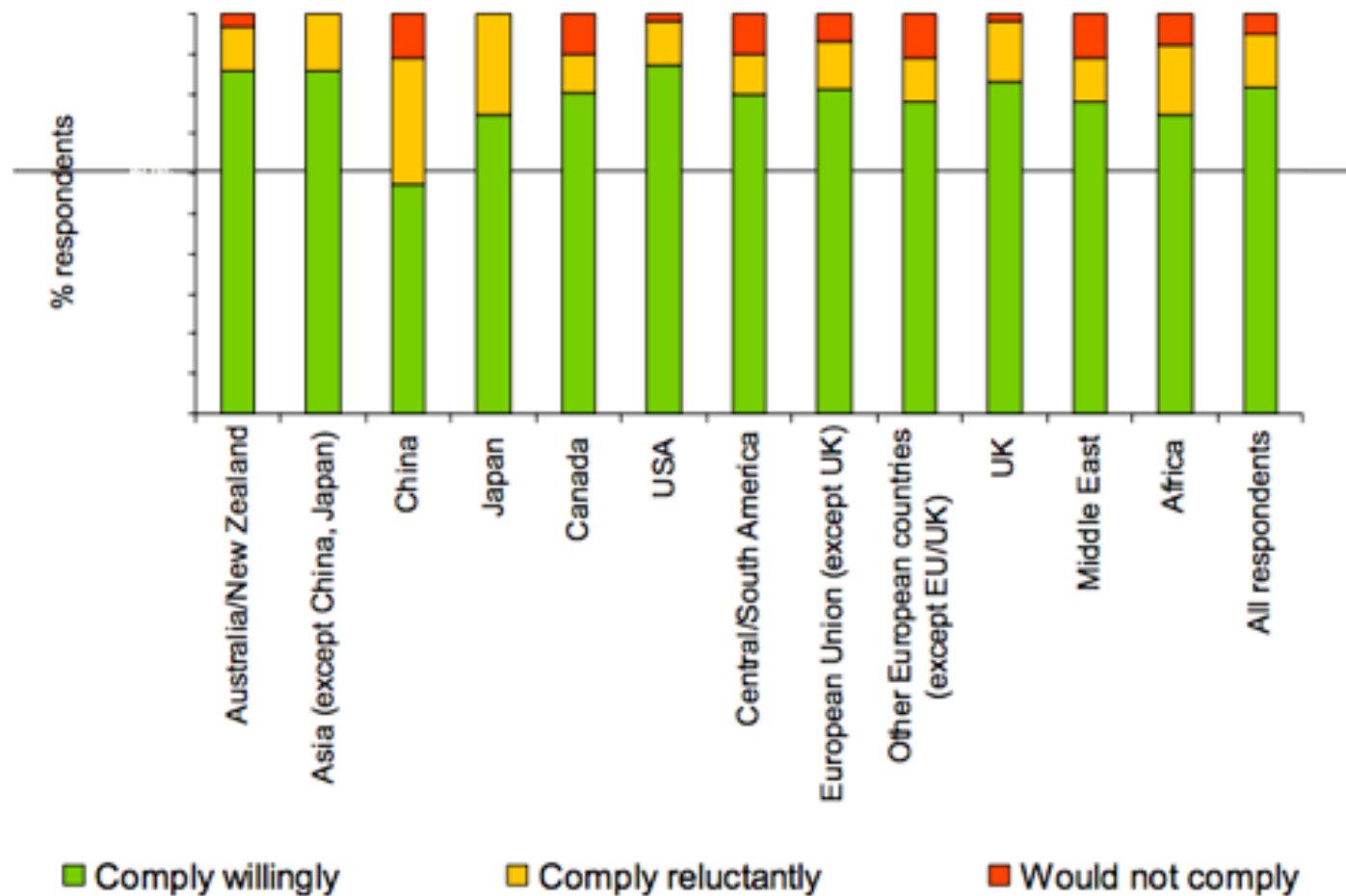
EurOpenScholar

Open Access increases citations



Range = 36%-200%

(Data: Brody & Harnad 2004; Hajjem et al. 2005)



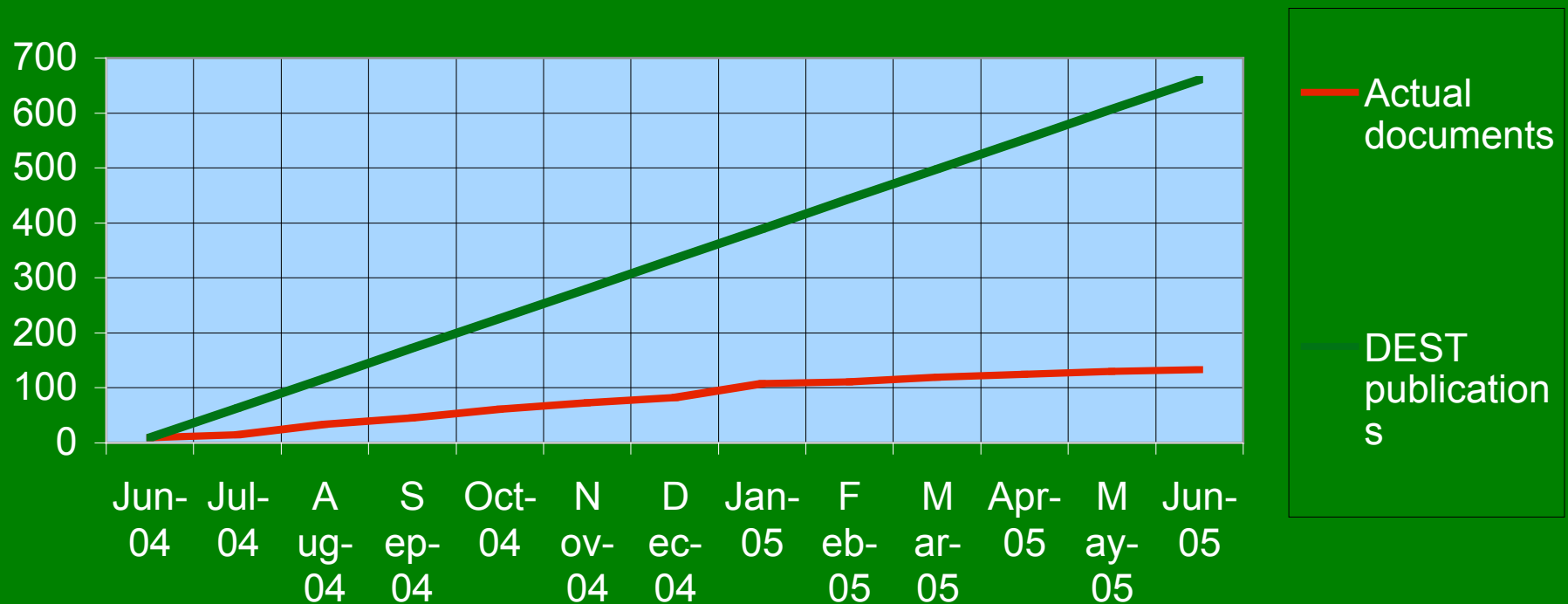
Key Perspectives Ltd

Across all countries and disciplines, 95% of researchers report that they would comply with a self-archiving mandate from their funders and/or employers, and over 80% report that they would do so willingly. -- But only 15% self-archive spontaneously, if it not mandated.

University of Tasmania

+Repository -Incentive -Mandate

Green line: total annual output
Red line: proportion self-archived



Data courtesy of Arthur Sale

University of Queensland +Repository +Incentive -Mandate

Green line: total annual output

Red line: proportion self-archived

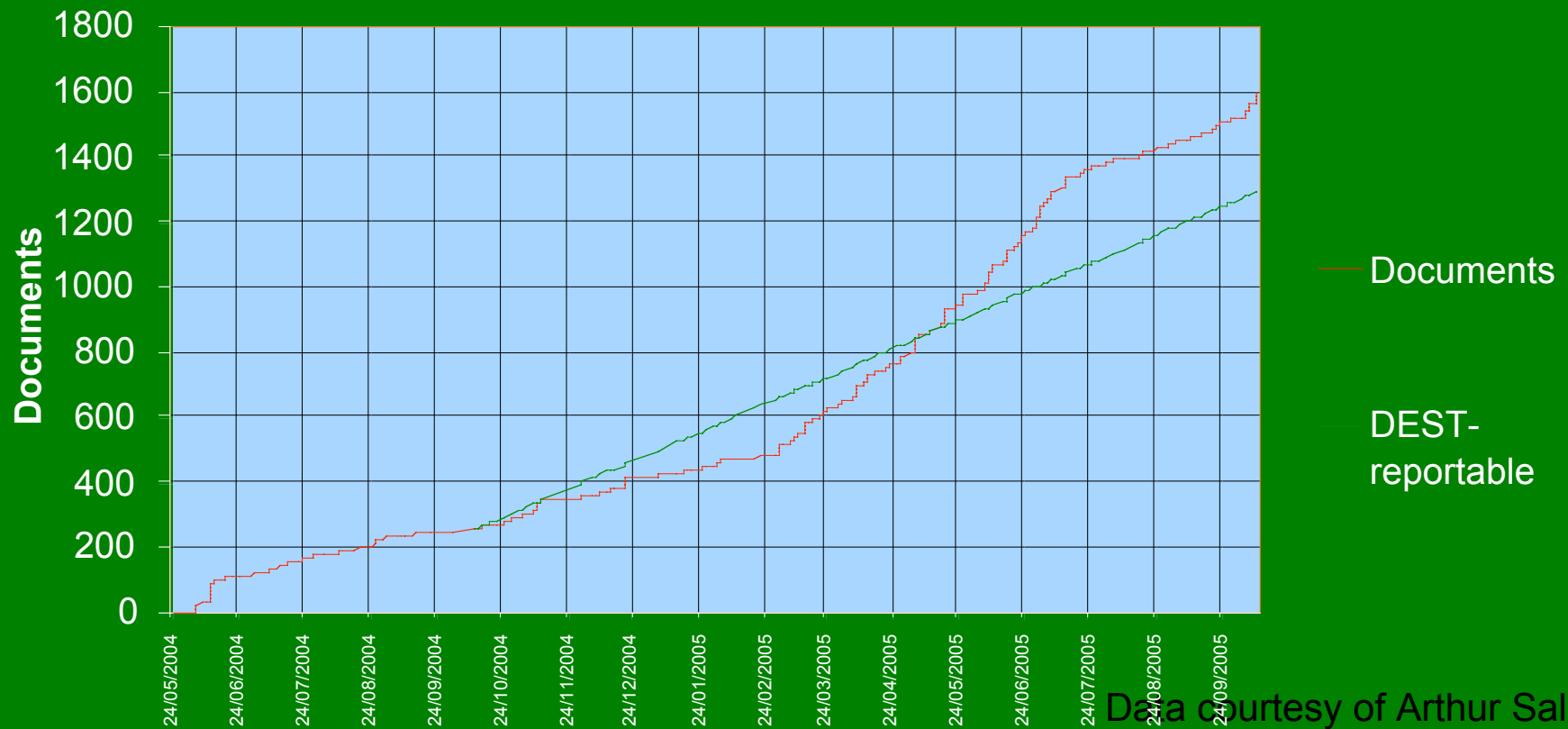


Data courtesy of Arthur Sale

Queensland University of Technology +Repository +Incentive +Mandate

Green line: total annual output

Red line: proportion self-archived



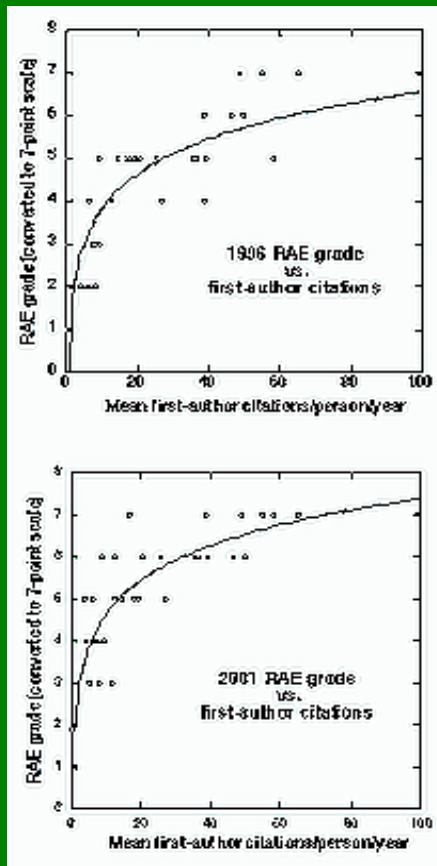
RAE 2001

Rankings for

Psychology

	2001 Rating	Proportion of Staff Selected	Category A and A* Research Active Staff (FTE)
Birkbeck College	5	B	18.7
University of Birmingham	5*	C	28.7
Bolton Institute of Higher Education	3b	D	12.0
University of Bristol	5*	A	28.3
Brunel University	4	B	15.0
University of Cambridge	5*	A	27.5
University of Central Lancashire	3a	E	9.2
City University	4	A	16.0
Coventry University	2	D	11.0
University of Derby	3a	C	13.5
University of Durham	5	A	24.0
University of East London	3a	C	18.5
University of Essex	5	A	19.0
University of Exeter	5	B	18.5
Goldsmiths College	4	A	24.0
University of Greenwich	3b	C	11.0
University of Hertfordshire	4	B	17.8
University of Hull	3a	C	16.5
Keele University	4	B	15.0
University of Kent at Canterbury	4	B	16.0
King Alfred's College, Winchester	2	B	6.0
Lancaster University	5	A	23.0
University of Leeds	5	C	24.1
University of Leicester	4	B	27.0
University of Lincoln	2	D	10.0
University of Liverpool	4	C	21.0
Liverpool Hope	2	D	7.2
London Guildhall University	3b	D	12.0
Loughborough University	4	B	14.3
University of Luton	2	E	6.0
University of Manchester	5	B	20.0
Manchester Metropolitan University	3a	D	10.5
Middlesex University	3a	D	13.5
University of Newcastle	5*	C	15.0
University of Northumbria at Newcastle	4	D	9.1
University of Nottingham	5	A	25.0
Nottingham Trent University	3a	C	10.7
Open University	4	D	12.0
University of Oxford	5*	A	36.6
Oxford Brookes University	3a	C	10.0
University of Plymouth	5	C	17.4
University of Portsmouth	3a	D	13.4
University of Reading	5*	B	20.0
Royal Holloway, University of London	5	A	20.4
University of Sheffield	5	A	36.4
Sheffield Hallam University	3b	C	10.0
University of Southampton	5	A	29.0
Staffordshire University	3a	D	9.0
University of Sunderland	3b	D	13.0
University of Surrey	5	A	25.0
University of Surrey Roehampton	3a	E	7.0
University of Sussex	5	A	12.0
Thames Valley University	1	C	4.7
University College London	5*	B	50.0
University of Warwick	5	B	15.0
University of Westminster	3a	D	11.0
University of Wolverhampton	3b	D	11.0
University College Worcester	2	D	7.0
University of York	5*	A	21.0

Research Assessment, Research Funding, and Citation Impact



“Correlation between RAE ratings and mean departmental citations +0.91 (1996) +0.86 (2001) (Psychology)”

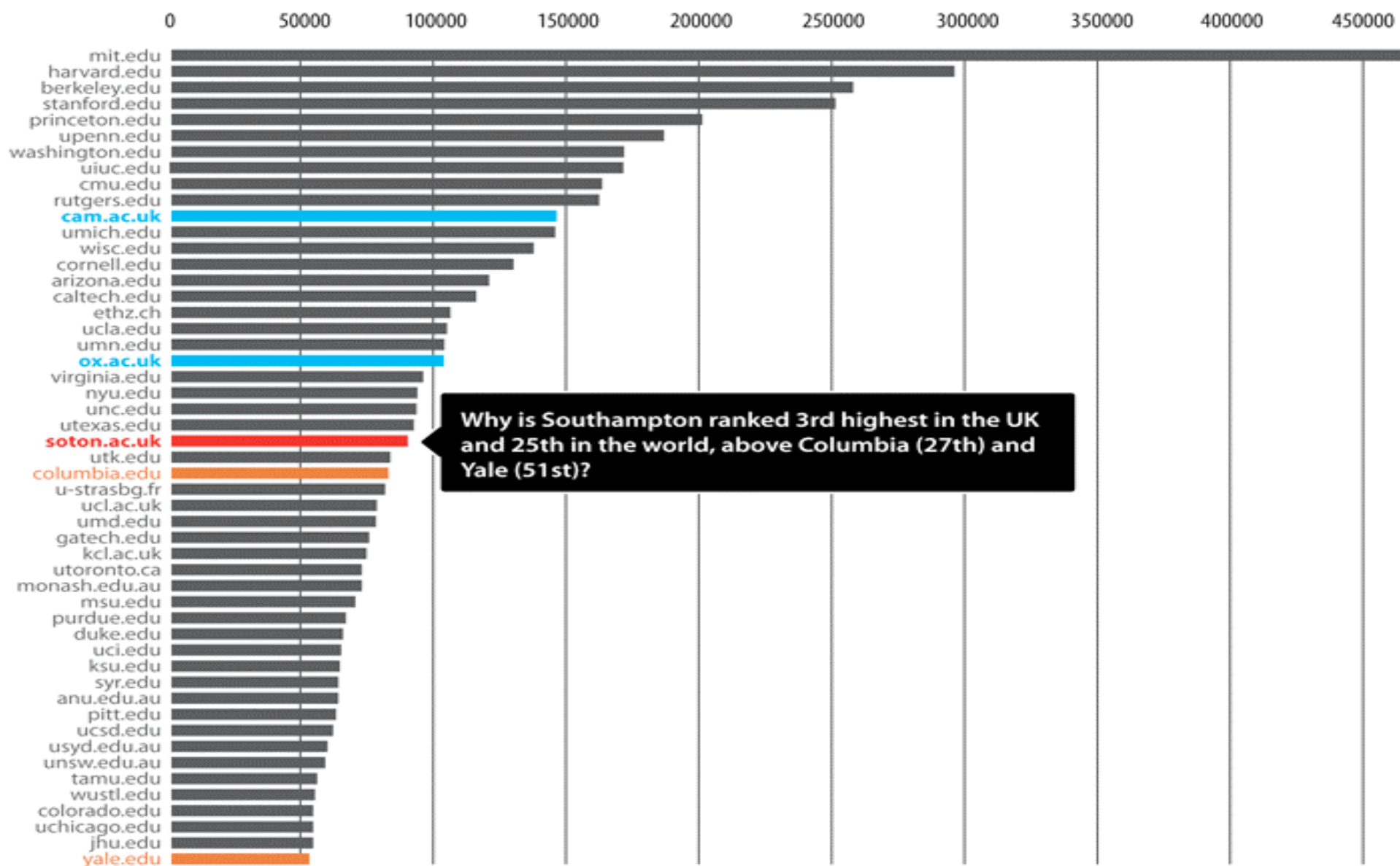
“RAE and citation counting measure broadly the same thing”

“Citation counting is both more cost-effective and more transparent”

(Eysenck & Smith 2002)

<http://psyserver.pc.rhbc.ac.uk/citations.pdf>

The G-factor International University Ranking measures the importance of universities as a function of the number of links to their websites from the websites of other leading international universities. Copyright Peter Hirst, 2006.



COMPETITIVE ADVANTAGE: The earlier you mandate Green OA, the sooner (and bigger) your university's competitive advantage: U. Southampton School of Electronics and Computer Science was the first in the world to adopt an OA self-archiving mandate.

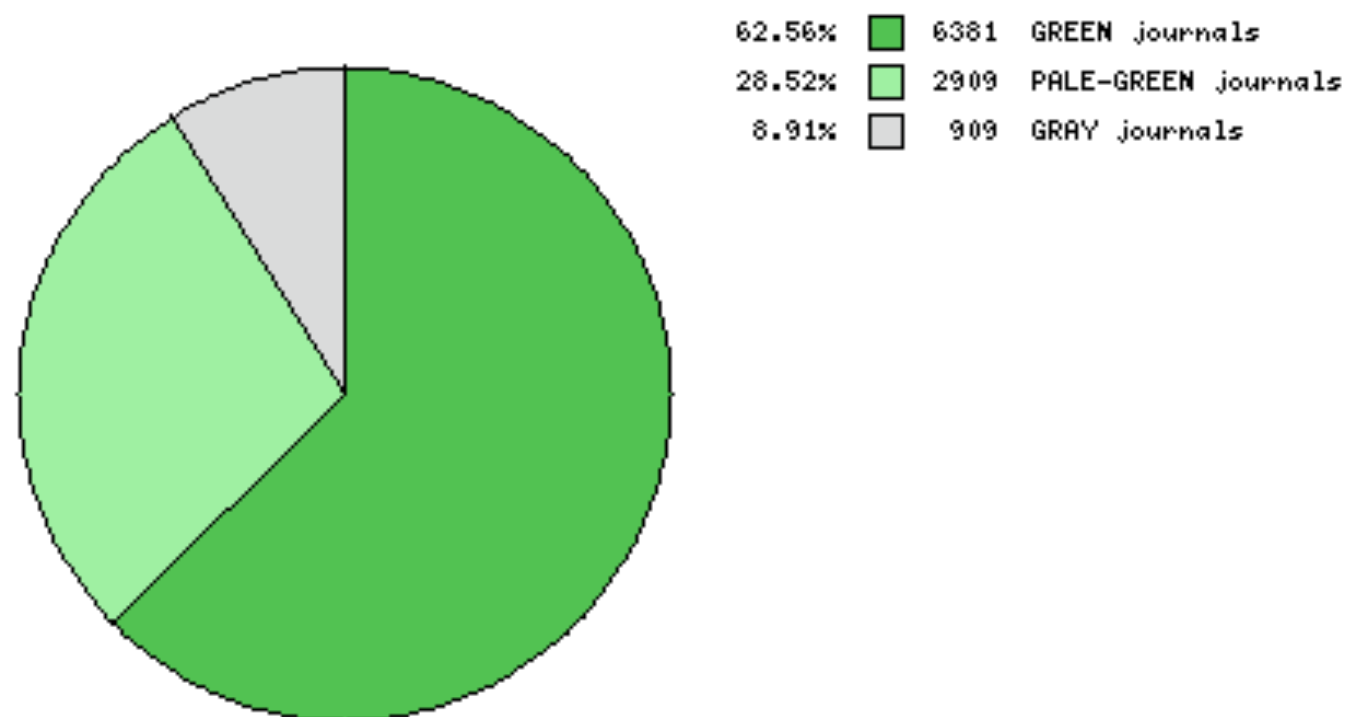
Journal Policies - Summary Statistics So Far

Current Journal Tally: 91% Green!

FULL-GREEN = Postprint, PALE-GREEN = Preprint, GRAY = neither yet

Total number of publishers registered at ROMEO to date: 307

Journal Policy Chart



Open Access: How?

Universities adopt the ID/OA mandate:

Immediate Deposit

+

Optional Access

+

[Request a copy](#)

Open Access Mandates and Metrics

Hamad, Stevan (2007) *Open Access Mandates and Metrics*. Science Editor, 50 (10). pp. 500-510.



[Plain Text \(embargoed article...\)](#) - Repository staff only until 27 July 2008
40Kb

Official URL: <http://www.councilscienceeditors.org/publications/cbeviews.cfm>

Abstract

Open Access is optimal and inevitable for research, researchers, their institutions and funders, the vast R&D industry, and the tax-paying public that funds research. OA Scientometrics is now poised to usher in the OA era at long last.

Item Type:	Article
Uncontrolled Keywords:	open access, research impact, research assessment, scientometrics, self-archiving
Subjects:	A General Works > AZ History of Scholarship The Humanities
ID Code:	849
Deposited By:	user with email [redacted]@ecs.soton.ac.uk
Deposited On:	28 Jul 2007 05:28
Last Modified:	28 Jul 2007 05:28

Request a copy

Harnad, Stevan (2007) *Open Access Mandates and Metrics*. Science Editor, 50 (10). pp. 500-510.



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From: DemoPrints XXX@ecs.soton.ac.uk
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To: XXX@ecs.soton.ac.uk
Subject: Request for "Open Access Mandates and Metrics"

The following item: Harnad, S (2007) *Open Access Mandates and Metrics*. *Science Editor* 5 (2): 500-510.

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This page allows you to generate graphs and tables of data summarising the usage data for eprints in the repository. Select the data you want to graph in 'Set of Eprints', choose the date range to process in 'Date Range', select the type of analysis to make in 'Choice of View' and then click 'Generate'.

Set of Eprints

You can choose to only include data for particular sets (e.g. eprints deposited by a named author) or show data for only a single eprint.

☐ All

☐ Research Group

☒ Creators Name

☐ Eprint ID

Date Range

Change the period of access log data included based on when the request was made. Warning! The more data you include the longer it will take to generate the results.

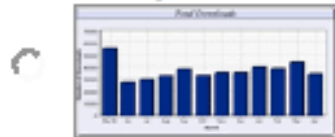
☒ Period:

☐ From date:

Until date:

The view determines how data is rendered and may provide additional data refinements (for example showing a summary for authors).

Summary Data



MonthlyDownloadsGraph



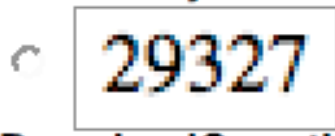
DailyDownloadsGraph



MonthlyUniqueVisitorsGraph



AllMonthlyDownloadsGraph



DownloadCountHTML

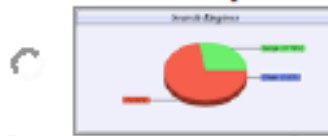
Simple Analyses



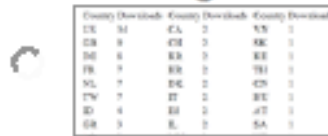
TopTenTable



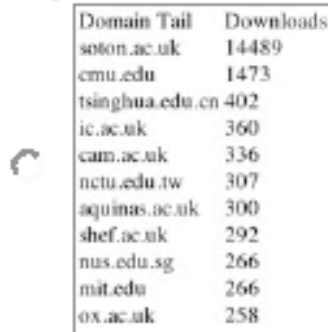
ReferrerGraph



SearchEngineGraph



TopCountriesTable



TopTenAcademies

Complex Analyses



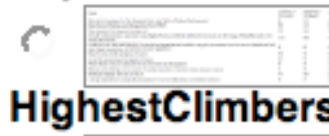
TopTenMonthlyDownloadsGraph

Author	Download Count
Hamad, Stevan	1210
Hall, Wendy	1097
Shadbolt, Nigel	987
Hanzo, Lajos	904
Bemen-Lee, Tim	766
Jennings, Nick	578

TopTenAuthorsTable



TopTenTableDashLinked



HighestClimbersTable



MonthlyDownloadsByGroupGraph

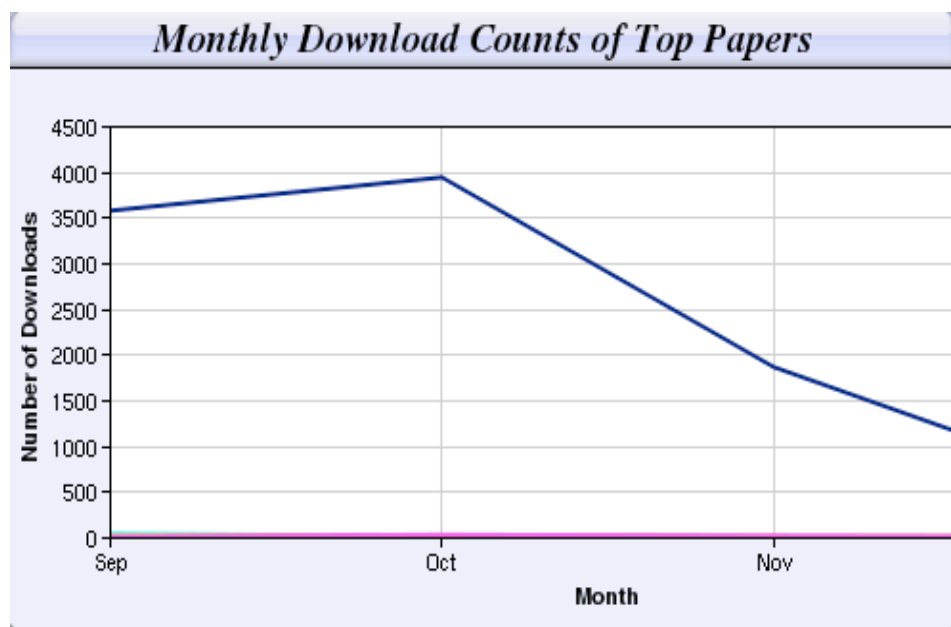


TopTenNonSearchReferrers



RandomFromTopTenHTML

Eprint	Fulltext Downloads
Shadbolt, N., Berners-Lee, T. and Hall, W. (2006) The Semantic Web Revisited . IEEE Intelligent Systems, 21 (3). pp. 96-101. ISSN 1541-1672	8194
Berners-Lee, T., Hall, W., Hendler, J., Shadbolt, N. and Weitzner, D. (2006) Creating a Science of the Web . Science, 313 (5788). pp. 769-771. ISSN 0036-8075	52
Berners-Lee, T., De Roure, D., Harnad, S. and Shadbolt, N. (2005) Journal publishing and author self-archiving: Peaceful Co-Existence and Fruitful Collaboration . (Unpublished)	41
Berners-Lee, T., De Roure, D., Harnad, S. and Shadbolt, N. (2005) Open Letter to Research Councils UK: Rebuttal of ALPSP Critique . (Unpublished)	15



■ The Semantic Web Revisited
 ■ Creating a Science of the Web
 ■ Journal publishing and author self-archiving: Peaceful Co-Existence and Fruitful Collaboration
 ■ Open Letter to Research Councils UK: Rebuttal of ALPSP Critique



Some EPrints download metrics for top deposits by Southampton author Tim Berners-Lee.

citebase Search

Citebase is currently only an experimental demonstration. Users are cautioned not to use it for academic evaluation yet. Citation coverage and analysis is [incomplete](#) and hit coverage and analysis is both [incomplete](#) and [noisy](#).

Metadata	Citation	Identifier			
Authors' name(s)	<input type="text"/>				
Title or Abstract Keywords	<input type="text"/>				
Publication Title	<input type="text"/>				
Record Year	between <input type="text"/>	and <input type="text"/>			
Rank matches by		<input type="text" value="Descending"/>	<input type="text" value="Citations (Paper)"/>	<input type="button" value="Search"/>	<input type="button" value="Reset"/>

Citebase Search is Copyright 2005-2007 Tim Brody <tdb01r@ecs.soton.ac.uk>, University of Southampton. Got a comment/question?

Search Result Rank-Ordering

The ranking controls the order in which results are shown.

Search Score

For author and keyword queries this is the relevance score returned by Xapian (the text-search tool).

Creation Date

The date the record first appeared. Based on the source archive's policy (archive dependent, can be a date given by the author or the date the record was added to the archive).

Last Update

The last time a change was made to the record (not necessarily the actual paper). Based on the source archive's policy.

Paper Citations - [Caution](#)

The total number of citations identified **by Citebase** to a paper.

Author Citations - [Caution](#)

The author impact of a paper is the mean author impact of that paper's named authors.

Author impact is the total number of citations identified by Citebase to papers that the author is named on, divided by the number of papers that same author is named on.

Paper Hits - [Caution](#)

The total number of web requests made for this paper. Web log usage data ("hits") (1) currently cover **only from August 1999 to the present** and (2) are based **only on the UK arXiv.org mirror-site usage** (the other 17 international mirror-sites, including the main one in the US are not currently covered).

Author Hits - [Caution](#)

The author hits of a paper is the mean author hits of that paper's named authors.

Author hits is calculated as the total number of hits to papers that the author is named on, divided by the number of papers that same author is named on.

Hub/Authority Scores

These are experimental metrics.

Co-citedness

The degree to which two articles are related according to the co-occurrence of citations.

Search Results

Metadata	Citation	Identifier
Authors' name(s)	harnad, s	
Title or Abstract Keywords		
Publication Title		
Record Year	between	and
Rank matches by <input type="text" value="Descending"/> <input type="text" value="Citations (Paper)"/>		
<input type="button" value="Search"/> <input type="button" value="Reset"/>		

Showing 1 - 10 of 232 found [1-10 in [BibTeX](#), [RSS](#), [Atom](#) | 25, 100 results per page] Query took 0.664 seconds

[The Symbol Grounding Problem](#) [[Abstract](#), [69 Cites](#), ]

69 [Harnad, Stevan](#) (1999-06-01) In *PHYSICA D* 42 335 (1999)

How can the semantic interpretation of a formal symbol system be made intrinsic to the system, rather than just parasitic on the meanings in our heads? How can the meanings of the meaningless symbol tokens, manipulated solely on the basis of their (arbitrary) shapes, be grounded in anything but other ...

[Minds, Machines and Searle](#) [[Abstract](#), [28 Cites](#), ]

28 [Harnad, Stevan](#) (1989-01-01) In *SEARLE JOURNAL OF THEORETICAL AND EXPERIMENTAL ARTIFICIAL INTELL* 1 5 (1989)

Searle's celebrated Chinese Room Argument has shaken the foundations of Artificial Intelligence. Many refutations have been attempted, but none seem convincing. This paper is an attempt to sort out explicitly the assumptions and the logical, methodological and empirical points of disagreement. Searle is ...

[Other bodies, Other minds: A machine incarnation of an old philosophical problem](#) [[Abstract](#), [27 Cites](#), ]

27 [Harnad, Stevan](#) (1991-01-01) In *Minds and Machines* 1 43 (1991)

Explaining the mind by building machines with minds runs into the other-minds problem: How can we tell whether any body other than our own has a mind when the only way to know is by being the other body? In practice we all use some form of Turing Test: If it can do everything a body with a mind can do ...

[Consciousness: An afterthought](#) [[Abstract](#), [26 Cites](#), ]

26 [Harnad, Stevan](#) (1982-01-01) In *AN AFTERTHOUGHT. COGNITION AND BRAIN THEORY* 5 29 (1982)

Our sense that we do something deliberately may be an afterthought that arises after our brains have already triggered our action unconsciously. Consciousness itself may be a similar illusory afterthought, with ...

Search Results

Metadata	Citation	Identifier
Authors' name(s)	<input type="text" value="harnad, s"/>	
Title or Abstract Keywords	<input type="text"/>	
Publication Title	<input type="text"/>	
Record Year	between <input type="text"/>	and <input type="text"/>
Rank matches by		<input type="text" value="Descending"/> <input type="text" value="Hits (Paper)"/>
<input type="button" value="Search"/>		<input type="button" value="Reset"/>

Showing 1 - 10 of 232 found [1-10 in [BibTeX](#), [RSS](#), [Atom](#) | [25](#), [100](#) results per page] Query took 0.248 seconds

Free at Last: The Future of Peer-Reviewed Journals [[Abstract](#), [14 Cites](#), ]

3966 **Harnad, Stevan** (1999-01-01) In *JOURNALS.D-LIB MAGAZINE 5 12 (1999)*

I don't think there is any doubt in anyone's mind as to what the optimal and inevitable outcome of all this will be: The Give-Away literature will be free at last online, in one global, interlinked virtual library (see <<http://www.cogsci.soton.ac.uk/~harnad/citation.html>>), and its QC/C ...

Behavioral and Brain Sciences [[Abstract](#)]

3319 **Harnad, Stevan** oai:eprints.ecs.soton.ac.uk:2625

Implementing Peer Review on the Net: Scientific Quality Control in Scholarly Electronic Journals. [[Abstract](#)]

2685 **Harnad, Stevan** (1996-01-01) oai:cogprints.soton.ac.uk:1692

Electronic networks have made it possible for scholarly periodical publishing to shift from a trade model, in which the author sells his words through the mediation of the expensive and inefficient technology of paper, to a collaborative model, in which the much lower real costs and much broader reach of ...

Artificial Life: Synthetic Versus Virtual [[Abstract](#)]

2419 **Harnad, Stevan** (1993-01-01) In *SYNTHETIC VERSUS VIRTUAL.SANTA FE INSTITUTE STUDIES IN THE SCIEN 16 593 (1993)*

Artificial life can take two forms: synthetic and virtual. In principle, the materials and properties of synthetic living systems could differ radically from those of natural living systems yet still resemble them enough to be really alive if they are grounded in the relevant causal interactions with the ...

Searle's Chinese Room Argument [[Abstract](#)]

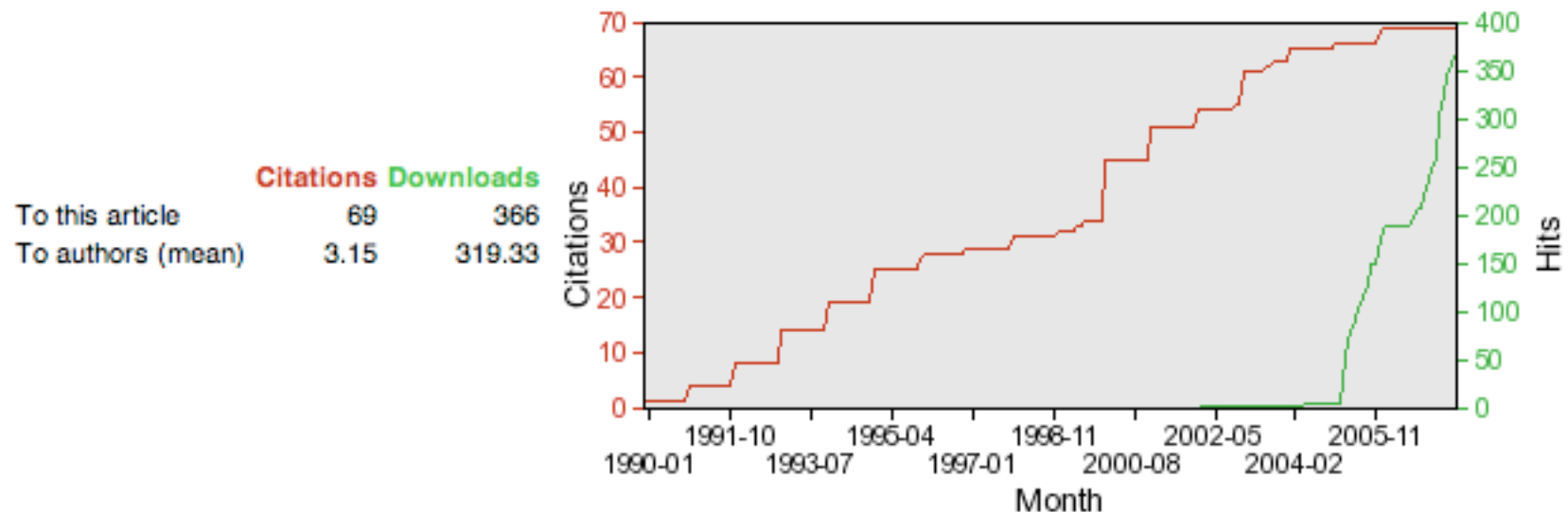
1988 **Harnad, Stevan** (2003-01-01) oai:cogprints.soton.ac.uk:4075

Summary of Searle's "Chinese Room Argument" showing that cognition cannot be just computation. Searle implements a computer programme that can pass the Turing Test in Chinese. Searle does not understand Chinese in doing so, hence neither does the computer.

The Symbol Grounding Problem

Authors: [Harnad, Stevan](#)

See also ([explain?](#)): oai:arXiv.org:cs/9906002, oai:eprints.ecs.soton.ac.uk:382, oai:eprints.ecs.soton.ac.uk:8175,
oai:cogprints.soton.ac.uk:3106, oai:cogprints.soton.ac.uk:615



Citations

Downloads

Authors

Cited by

References

Co-cited with

Cites similar articles to

Show the top 5 most cited articles that have been identified by Citebase as citing this article (to see all citing articles identified by Citebase follow the bottom link)

Sample citation and download growth with time. (*Downloads only start in 2005 because that is when this paper was deposited.*) Early growth rate and late decay metrics for downloads and citations can also be derived.

SUMMARY:

OA: How? Universities and funders mandate Green OA self-archiving

Deposit Where? In universities' own Institutional Repositories (IRs)

Deposit How? A few minutes of keystrokes per paper is all that stands between the world research community and 100% OA

Deposit What? Author's final, revised, peer-reviewed draft ("postprint")

Deposit When? Immediately upon acceptance for publication

[Optimizing OA Self-Archiving Mandates: What? Where? When? Why? How?](http://openaccess.eprints.org/index.php?/archives/136-guid.html)
<http://openaccess.eprints.org/index.php?/archives/136-guid.html>

Open Access: Why?

1. To **maximise** the uptake, usage, applications and impact of the research output of each university's research output
2. To **measure and reward** the uptake, usage, applications and impact of the research output of each university (research metrics)
3. To **collect, manage and showcase** a permanent record of the research output and impact of each university

Sample of candidate OA-era metrics:

- Citations (C)
- CiteRank
- Co-citations
- Downloads (D)
- C/D Correlations
- Hub/Authority index
- Chronometrics:
 - Latency/Longevity
- Endogamy/Exogamy
- Book citation index
- Research funding
- Students
- Prizes
- h-index
- Co-authorships
- Number of articles
- Number of publishing years
- Semiometrics (latent semantic indexing, text overlap, etc.)

Author's URLs (UQAM & Southampton):

<http://www.crsc.uqam.ca/>

<http://users.ecs.soton.ac.uk/harnad/>

BIBLIOGRAPHY ON OA IMACT ADVANTAGE:

<http://opcit.eprints.org/oacitation-biblio.html>

BOAI Self-Archiving FAQ: <http://www.eprints.org/self-faq/>

CITEBASE (scientometric engine): <http://citebase.eprints.org/>

EPRINTS: <http://www.eprints.org/>

OA ARCHIVANGELISM: <http://openaccess.eprints.org/>

ROAR (Registry of OA Repositories): <http://roar.eprints.org/>

ROARMAP (Registry of OA Repository Mandates):

<http://www.eprints.org/openaccess/policysignup/>

ROMEO/EPRINTS (Directory of Journal Policies on author OA Self-Archiving): <http://romeo.eprints.org/>

AUSTRALIA: IIIIFF
AUSTRIA: I
BELGIUM: IF
BRAZIL: (p)
CANADA: F
EUROPE: F (ppp)
FRANCE: I (p)
INDIA: II (p)
IRELAND: (p)
ITALY: F
PORTUGAL: I
RUSSIA: I
SWITZERLAND: IIF
TURKEY: I
UK: IIIFFFFFFFFFFFFFFF
US IFF (p)

Total 40 (+ 8 prop)
INST: 18 (+ 3 inst)
FUND: 22 (+ 5 prop)

Institutional and Funder Mandates

EUROPE [(EUA) 791 universities, 46 countries]

UK (3) Brunel ISCM, Southampton ECS, Southampton?

BELGIUM (1) Liege

FRANCE (1) CNRS Lab PNC [INSERM]

PORTUGAL (1) Minho

SWITZERLAND (2) Cern Zurich

RUSSIA (1) CEM Inst Russian Academy of Sciences

TURKEY (1) MET University

INDIA (2) Bharathidasan NIT Rourkela

US (1) Harvard FAS

AUSTRALIA (3) Charles Sturt QUT Tasmania

Institutional

Mandates