
A toolkit for Research
Communities: helping Authors
choose the right mode of
publication to maximise impact

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Rome, November 30, 2006

Outline

- Scientific papers impact: what does it means ?
- Research assessment in Italy
- Journal selection for publication
- Toolkit
- Some possible paths
- Institutional repositories
- Conclusions

Scientific papers impact

- The pressure to demonstrate the high impact of own, or institutional research papers is growing
- The interest for indicators by the Ministry of Health and the Ministry for University and Research is very clear....

Evaluation of research

- A wide range of studies and statistics are already giving evidence that papers published in an open, freely accessible journal (and/or repository) have more impact
- Since it has been demonstrated, also within biomedical disciplines that the Impact Factor “***should not be used to evaluate research***” (1), it is important to consider new metrics for research assessment

(1) P.O.Seglen Why the impact factor of journals should not be used to evaluate research. BMJ 1997

A comment by Stevan Harnad

“What the RAE ***should*** be planning to do is to look at weighted combinations of all available research performance metrics -- including the many that are correlated, but not so tightly correlated, with prior RAE rankings, such as author/article/book citation counts, article download counts, co-citations (co-cited with and co-cited by, weighted with the citation weight of the co-citer/co-citee), endogamy/exogamy metrics (citations by self or collaborators versus others, within and across disciplines), hub/authority counts (in-cites and out-cites, weighted recursively by the citation's own in-cite and out-cite counts), download and citation growth rates, semantic-web correlates, etc. “

June 26, 2006

Citations and more...

In Italy,there is a lack of information about research evaluation criteria

- Impact Factor is generally considered a measure of scientific preminence of single papers
- Little attention is paid to new metrics made possible by the electronic environment where papers are published

Citations and more...

...a consequence is that most of the Authors follow a standard path when deciding where to publish their research.

I invite the public to interrupt me if anybody is doing usually something very different....

The first source checked

JOURNAL CITATION REPORT

Mark	Rank	Abbreviated Journal Title <i>(linked to journal information)</i>	ISSN	Total Cites	Impact Factor	Immediacy Index	Articles	Cited Half-life
<input type="checkbox"/>	1	NEW ENGL J MED	0028-4793	167894	44.016	13.422	308	6.9
<input type="checkbox"/>	2	LANCET	0140-6736	131616	23.878	7.347	360	7.1
<input type="checkbox"/>	3	JAMA-J AM MED ASSOC	0098-7484	95715	23.494	5.082	380	6.5
<input type="checkbox"/>	4	ANN INTERN MED	0003-4819	38396	13.254	4.354	175	8.5
<input type="checkbox"/>	5	ANNU REV MED	0066-4219	3517	10.383	4.033	30	6.1
<input type="checkbox"/>	6	BRIT MED J	0959-8146	59516	9.052	4.248	440	7.5
<input type="checkbox"/>	7	PLOS MED	1549-1277	519	8.389	4.033	90	0.7
<input type="checkbox"/>	8	ARCH INTERN MED	0003-9926	28432	8.016	1.782	307	6.9
<input type="checkbox"/>	9	CAN MED ASSOC J	0820-3946	7272	7.402	2.636	110	6.0
<input type="checkbox"/>	10	MEDICINE	0025-7974	4372	5.057	0.333	36	>10.0
<input type="checkbox"/>	11	AM J MED	0002-9343	21513	4.388	0.714	227	>10.0
<input type="checkbox"/>	12	J INTERN MED	0954-6820	5168	4.040	0.884	121	6.0
<input type="checkbox"/>	13	MAYO CLIN PROC	0025-6196	7190	3.933	0.791	158	7.7
<input type="checkbox"/>	14	ANN MED	0785-3890	2694	3.848	0.390	59	5.6
<input type="checkbox"/>	15	BRIT MED BULL	0007-1420	2273	3.179	0.263	19	8.2
<input type="checkbox"/>	16	AM J PREV MED	0749-3797	4725	3.167	1.386	197	4.9

Journal selection...

- IF
- A particularly appropriate journal (es.)
- Know somebody in the Editorial Board
- Not very high IF, but appropriate content
- Medium value paper, good for an Italian journal
- Final version paper accepted in a international conference...-> Association journal !

OA is NOT a selection criterium

Toolkit !

- Peer reviewed open access journals: directory of open access journals : **doaj**
- Post publication institutional open database of articles publicly funded: **PubMedCentral**, and UKPMC coming soon
- Journals publishing some free access articles (*hybrid* journals)
- Green, pale green, ... publishers: **romeo/sherpa list**
- **Institutional repositories**

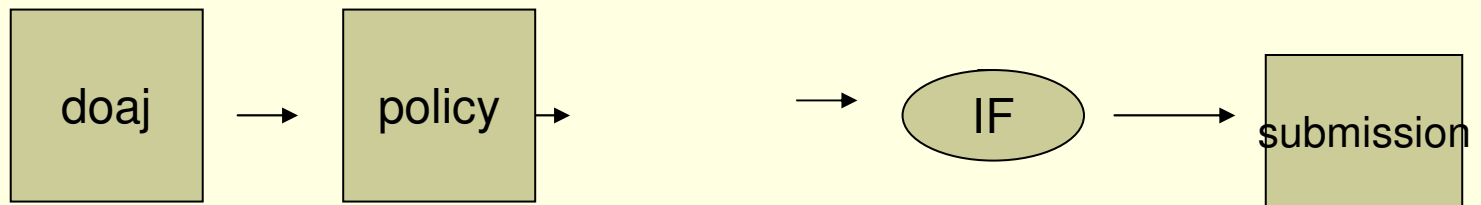
Toolkit urls

- www.doaj.org
- <http://www.sherpa.ac.uk/romeo.php>

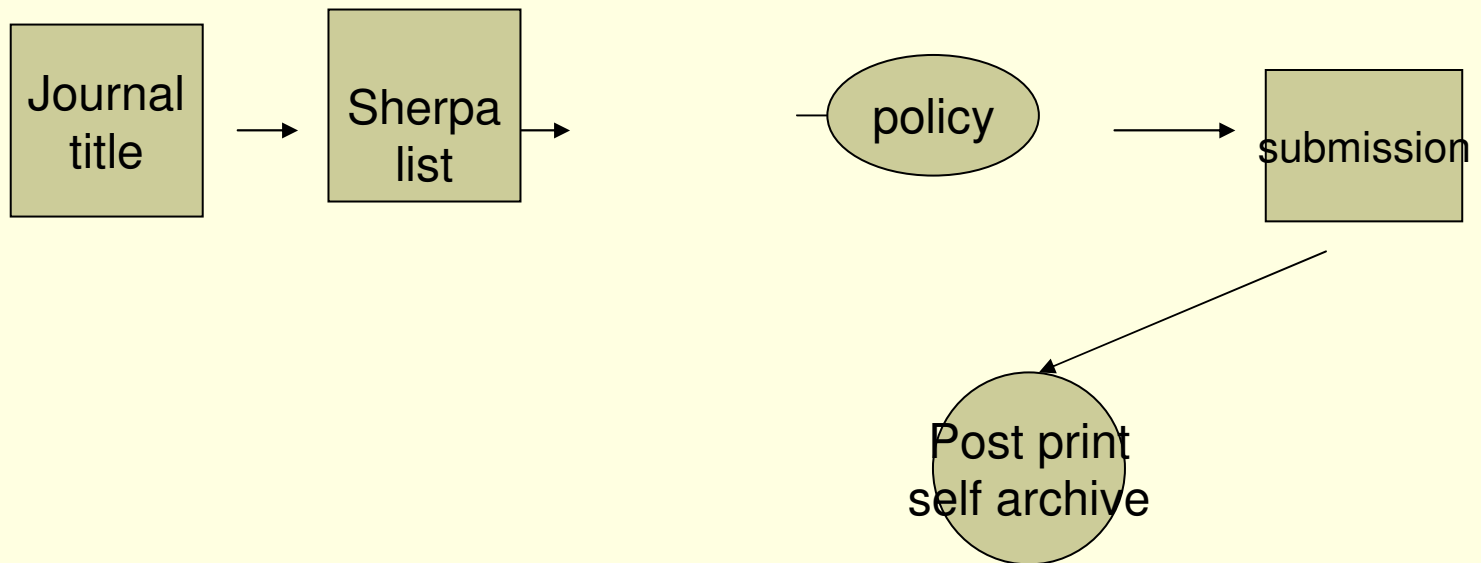
- Post publication open database:
www.pubmedcentral.com
UKPMC (january 2007)

- Hybrid journals (Author pays for immediate online access to the article on the publisher web site)
<http://www.earlham.edu/~peters/fos/newsletter/09-02-06.htm>
<http://www.earlham.edu/~peters/fos/lists.htm#statements%22>

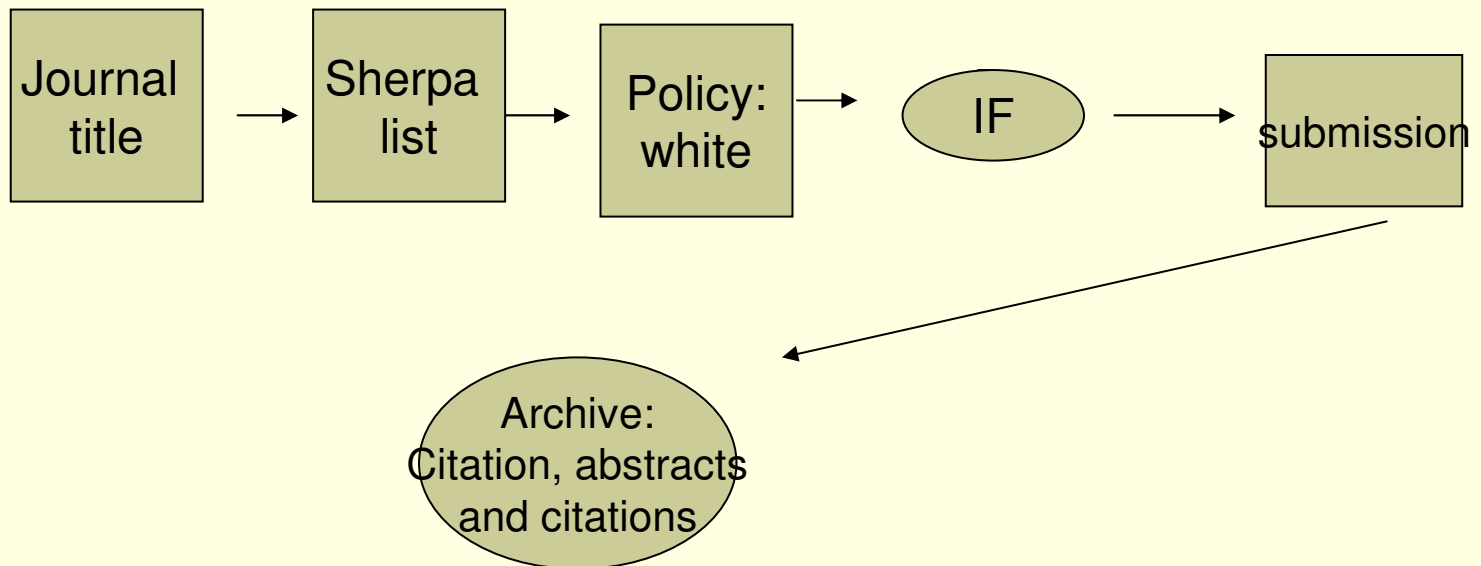
Paths...



“not doaj” path....



“white” titles



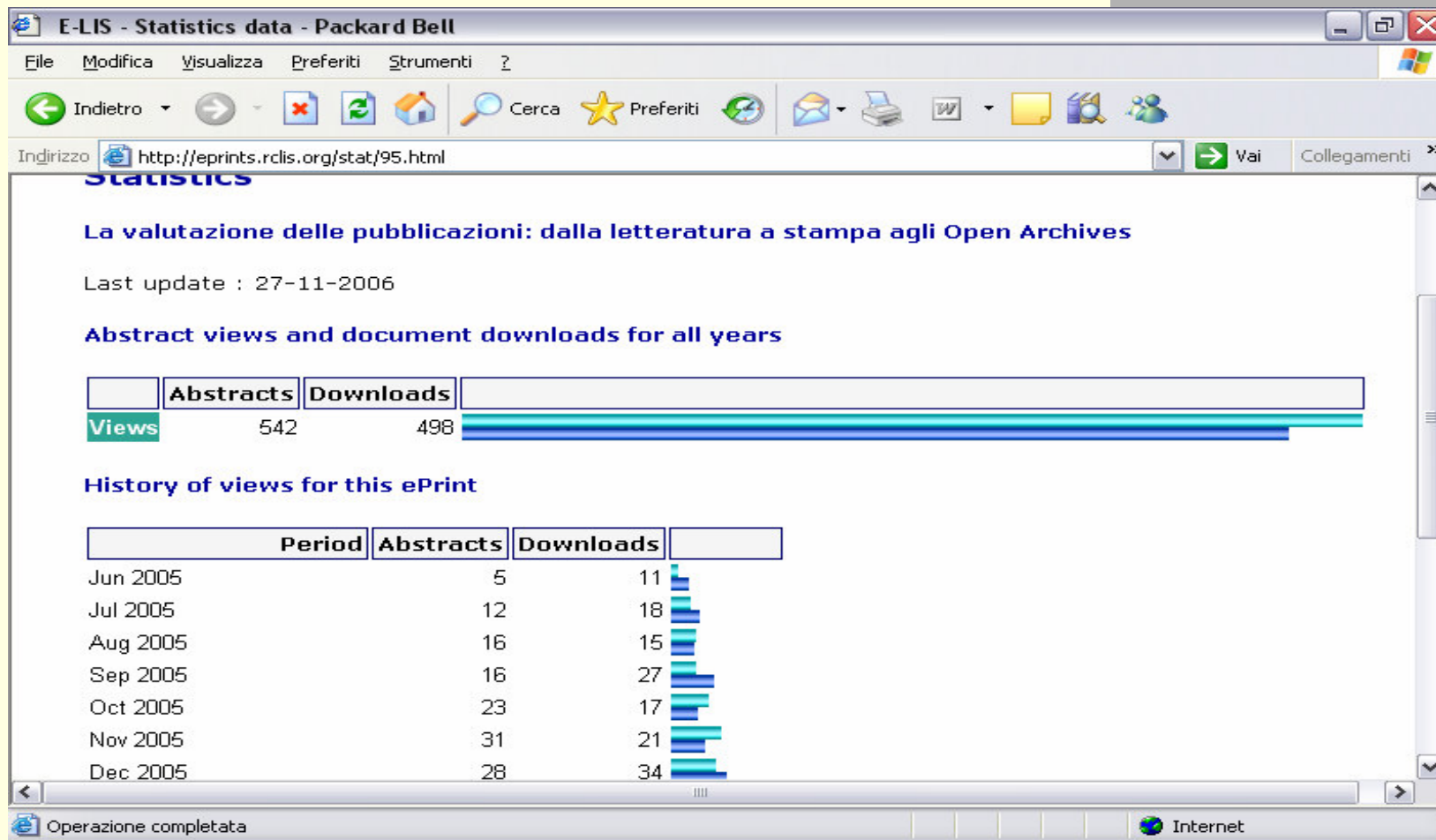
Institutional repositories made easy



- Technical aspects (installation, Italian versions, instructions...) are made easy by cooperation at national and international level
- The key factor is marketing !
- Parent Institutions examples

Statistics ! .-))

<http://eprints.rclis.org/stat/95.html>



Good luck !

