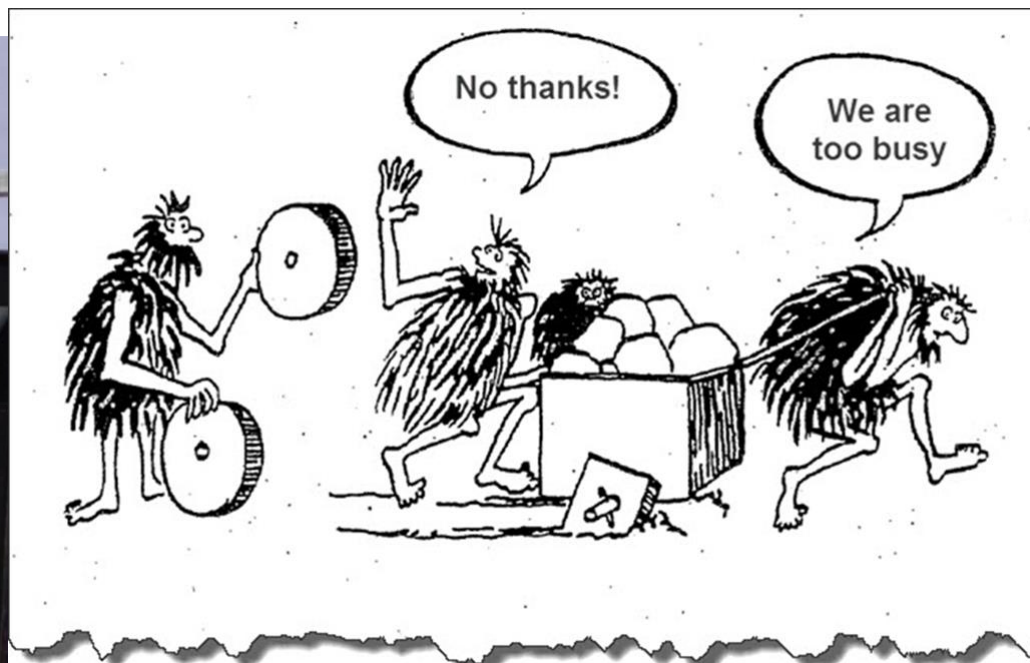


OPEN SCIENCE: un altro mondo è possibile

Elena Giglia



Genova, 18 ottobre 2018
elena.giglia@unito.it



...il migliore esempio di Open Science?



Qualcosa da portare via

...se non si capisce il valore trasformativo della Open Science, la si vede solo come ennesimo obbligo burocratico

Open Access/Open Science è un'opportunità, non una minaccia



Jon Tennant

@Protohedgehog

Following

My first talk of the year! Message is going to be that the opposite of 'open science' isn't 'closed science' - it's bad science.

...il contrario di Open Science è «Bad Science», non «Closed Science»

Open Science e Open Innovation hanno un legame stretto

...si può fare Open Science a piccoli passi, non «tutto e subito»

...fare Open Access e farlo correttamente è molto semplice...

... comunicazione scientifica,
oggi...



Peter Suber
@petersuber

May 13,
2018

Following

The Taylor & Francis journal _Medical Teacher_ just published a 5-paragraph (1-page) comment on another article.

doi.org/10.1080/014215...

For 24 hrs of access to the comment, T&F charges \$54. For 30 days of access to the issue in which the comment appears, it charges \$526.

Traduci il Tweet



Jon Tennant
@Protohedgehog

Following

Researchers. Do you want your work to be read by other people? Do you honestly think that sticking a \$40 paywall in front of each paper is the best way to achieve this? There are dozens of choices available to you that don't cost money or your career. Learn them. Use them.

Traduci il Tweet

17:03 · 15 apr 2018 da Sukawati, Indonesia

<https://twitter.com/Protohedgehog/status/98553413358034534>

44 Retweet 96 Mi piace

The Oligopoly of Academic Publishers in the Digital Era

Vincent Larivière, Stefanie Haustein, Philippe Mongeon

Published: June 10,

Article



Jon Tennant
@Protohedgehog

Following

The smartest business model ever. Have all of your products and services performed for free by researchers, and then sell it back to them with an unholy markup. Try describing the model to a non-researcher, and they mock us for falling for it.

<https://twitter.com/Protohedgehog/status/98543931889741004>

Steven Salzberg @StevenSalzberg1

Nature and other Springer journals make all of their money from free labor provided by scientists, who write all the papers and do all of the peer review. And now they are cashing in: "Springer Nature aims to raise 1.2 billion euros in new money in IPO" reut.rs/2qqhp93

Elsevier: +38%

journal publisher, had a margin last year of 38% on revenues of \$3.2 billion. Springer, a German firm that is the largest journal publisher, made 36% on sales of \$1.1 billion in 2011 (the most recent year for which data is available). Such firms are free for all, 4 may 2013



Mer for young researchers, 7 Sept 2017

... paghiamo gli editori commerciali perché
mettano sotto chiave il nostro contenuto...

... se no, non esisterebbe Sci-Hub



Science Home News



Who's downloading pirated papers?

EVERYONE

In rich and poor countries, researchers turn to the Sci-Hub website.

<http://www.sciencemag.org/news/2016/04/whos-downloading-p>

Scientific publishing is a rip-off. We fund the research - it should be free

George Monbiot



outrageous legacy. In the meantime, as a matter of principle, do not pay a penny to read an academic article. The ethical choice is to read the stolen material published by Sci-Hub.

Higher Education Network

Scientists should be solving problems, not struggling to access journals

It takes an average of 15 clicks for a researcher to find and access a journal article. This time could be much better spent

Benjamin Kaube

Mon 21 May 2018 07:30 BST

May 21, 2018



Bernard Rentier

@bernardrentier

Following

The single fact that providing free information on universal Science is illegal tells us a lot about how absurd it has become, in the Internet era, to rely on the old research publication model. [#FreeOpenAccessNow](#)

Jon Tennant @Protohedgehog

Oh wow. Looks like anyone can now create their own @sci_hub mirror github.com/bsidio/sci-hub You can use this to help accelerate research and society by providing free access to millions of research articles. But it's probably illegal, so don't do it.

Traduci il Tweet

08:37 - 10 mag 2018

March 10, 2018

...funziona?

...tempi di pubblicazione? 9-18 mesi

nature International weekly journal of science

Home | News & Comment | Research | Careers & Jobs | Current Issue | Archive | Author Centre

NATURE | NEWS FEATURE

1,500 scientists lift the lid on reproducibility

Survey sheds light

Monya Baker

25 May 2016 | Cor

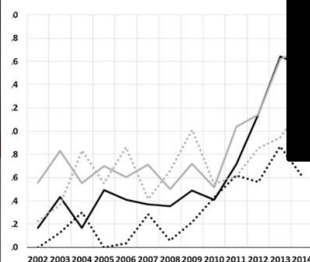
...crisi della
riproducibilità

← Tweet

Jelte Wicherts
@JelteWicherts

March 2018

Gaming the system: When in 2010 Italian universities incorporated citations in promotion decisions, self-citation rates among social scientists went up by 81-179%
sciencedirect.com/science/article...



...autocitazioni
+179%

ARTICLE INFO

Keywords:
Self-citation
Post-publication misconduct
Innovation in science
Strategic scientists
Reputation of science
Economics of science

ABSTRACT

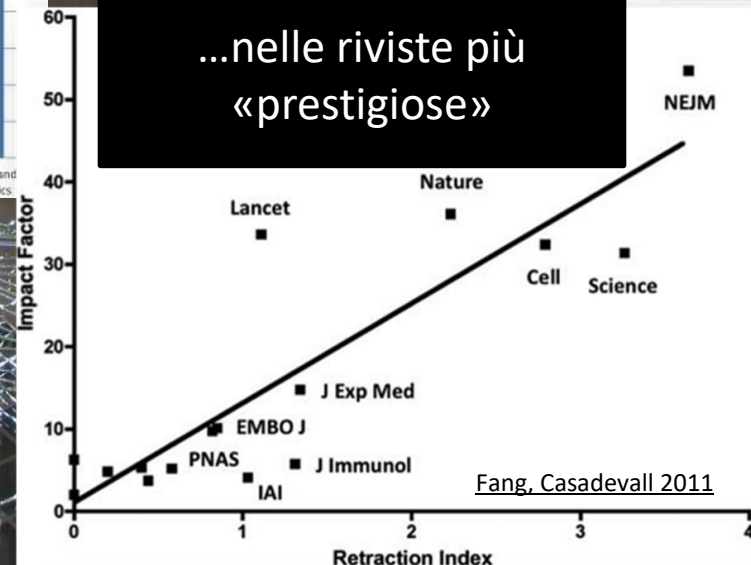
There is limited knowledge on the extent to which questionable practices, namely practices that do factors that affect their likelihood. This article is a citation, i.e. citation of one's own work to how exploring the factors driving scientists' behavior in self-citations. We test the hypothesis in the literature that is regulated by a national habilitation system received. The sample includes 800 scientists.

The Retraction Watch Leaderboard

...crescente numero di ritrattazioni per dati falsificati o fabbricati

1. Yoshida, J., Fujii, G. (2013) Retraction Watch Leaderboard: Final report of

...nelle riviste più
«prestigiose»



Does scientific misconduct cause patient harm? The case of Joachim Boldt

If you wanted to minimize the real-life effects of misconduct, you might note that some of the retractions we cover are in tiny obscure journals hardly anyone reads. But a new meta-analysis and editorial in JAMA today suggests



... e la valutazione? «Osessione»

“Not only are we failing to provide the right incentives, we are actually providing perverse ones.”

As long as journal impact factors retain some role in the career development, journals should publish the distribution of their citations. The participants strongly supported the adoption of the San Francisco Declaration on Research Assessment (DORA) by public

There was a call having to rely on



ROARS

Return On Academic Research

ROARS 28 marzo 2018

Impact or perish. L'ossessione per l'impatto delle pubblicazioni scientifiche genera frodi e condotte abusive

Goodhart's Law: “when a measure becomes a target, it ceases to be a good measure.”

Metrics are subject to manipulation, so we should look carefully not only at the number but also at the quality of the research. It is that number purports to measure

“People game the system at every level and this risks the loss of valuable research in favour of fashionable research.”

ISI Web of Knowledge™
Journal Citation Reports™
Journal: CURRENT BIOLOGY

Mark	Journal Title	ISSN	Total Cites	Impact Factor	Immediacy Index	Citable Items	Cited Half-life	Citing Half-life
☐	CURR BIOL	0960-9822	20020	7.007	2.713	341	3.5	3.7

Cited Journal Citing Journal Source Data Journal Self Cites

Journal Impact Factor

Cites in 2002 to items published in: 2001 = 3314
2000 = 3917
Sum: 7231

Number of items published in: 2001 = 528
2000 = 504
Sum: 1032

Calculation: Cites to recent items / Number of recent items = 7.007

ISI Web of Knowledge™
Journal Citation Reports™
Journal: CURRENT BIOLOGY

Mark	Journal Title	ISSN	Total Cites	Impact Factor	Immediacy Index	Citable Items	Cited Half-life	Citing Half-life
☐	CURR BIOL	0960-9822	22589	11.910	2.682	331	3.8	4.9

Cited Journal Citing Journal Source Data Journal Self Cites

Journal Impact Factor

Cites in 2003 to items published in: 2002 = 3314
2001 = 3917
Sum: 7231

Number of items published in: 2002 = 528
2001 = 504
Sum: 1032

Calculation: Cites to recent items / Number of recent items = 11.910

Times Chosen in Survey

Shared Widely

Citations (2013)

Times Chosen in Survey

Most Significant

Citations (2013)

Times Chosen in Survey

Most Cited

Citations (2013)

Times Chosen in Survey

h-index

Citations (2013)

Times Chosen in Survey

Shared: Chemists

Citations (2013)

Response Frequency

Least Citations

Most Citations

May 14, 2018

[siamo sulla strada sbagliata]

cord injury. First, there is increasing methodology. These range from neurological diseases, the lack of contamination of neural cell lines, poor reliability of published research (participant numbers are low). published research findings are commonly low in the biomedical literature. Surprisingly then, the rate of publication is slow and problematic [3]. Second, the number of papers retracted from the peer-reviewed literature is also increasing [4]. Third, there is an over-reliance on a scientist's publication metrics (numbers, journal impact factors, citation numbers) for progression, prizes, and research grants. Indeed, gaming the metrics of science is an occupational requirement for scientists, journal staff and university administrators. Publications now contain more spin (reliance on findings which are not justified by the statistics) and more liberal use of words such as 'novel' [5]. These trends are driven by an unhealthy culture in which it can be more important to publish a result than publish a correct result [6, 7]. The trends also expose deep flaws in the current systems of peer review.

This research culture can lead to cost- and corner-cutting, with hasty publication of irreproducible results and poor-quality work—it's an era in which scientists can fall prey to the temptation to do whatever they can get away with in order to publish. This leads to scientific misconduct, commonly defined as 'fabrication, falsification, or plagiarism in proposing, performing, or reviewing research, or in reporting research results'. A well-known recent case is Professor

- metodologia non solida
- risultati falsi, peer review debole
- enfasi sulla pretesa «novità»
- metriche onnipotenti, per cui truffarle è obbligo
- «PUBBLICARE UN RISULTATO»
INVECE DI UN «RISULTATO
CORRETTO»

...un abbraccio mortale



Bernard Rentier
@bernardrentier

Following

The accomplices are you and me, the researchers who pay to publish, the researchers who evaluate them, the researchers who review their articles graciously for the benefit of the publishers, the researchers who pay to read. All being afflicted with prestige-dependency syndrome.

Traduci dalla lingua originale: inglese

10:13 - 18 feb 2018



But let's not ignore the facts: the science system is in landslide transition from data-sparse to data-saturated. Meanwhile, scholarly communication, data management methodologies, reward systems and training curricula do not adapt quickly enough if at all to this revolution. Researchers, funders and publishers (I always thought that meant making things public) keep each other hostage in a deadly embrace by continuing to conduct, publish, fund and judge science in the same way as in the past century.

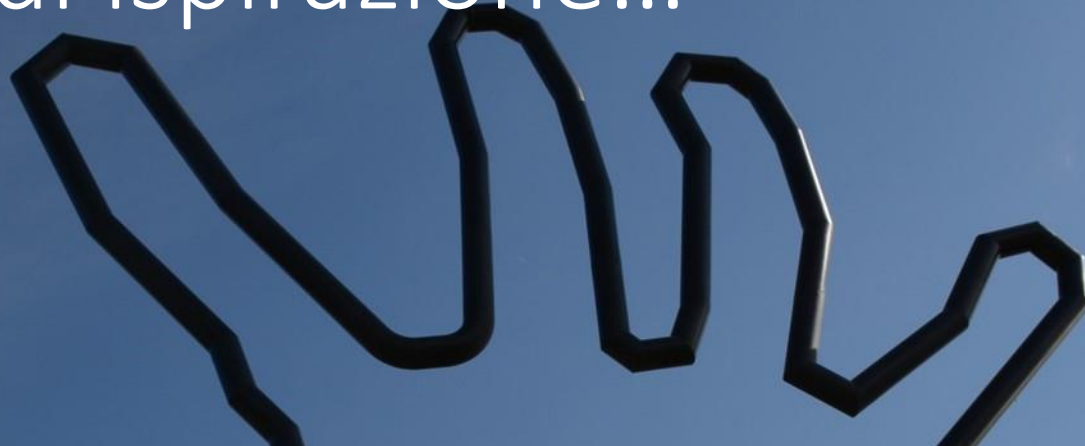
So far, no-one seems to be able to break this deadlock. Open Access articles are solve only a fraction of the problem. Neither 'open research data' alone will do. W



The background of the slide is a close-up, high-resolution image of water. The water is a vibrant blue, and its surface is covered in a dense pattern of small, concentric ripples. These ripples create a complex, organic texture that catches the light, resulting in a play of bright highlights and deeper shadows across the entire surface. The overall effect is one of movement and fluidity.

... cambiare panorama?

...un po' di ispirazione...



The best thing about **Internet** is that it's **open**. In every field **it let us share and innovate**.

In science, **OPENNESS IS ESSENTIAL**.

Open science doesn't mean ignoring economic reality.

Of course **we need business models to be sustainable**. But that **doesn't mean we have to carry on doing things the way they have always been done**.

So, wherever you sit in the value chain, whether you're a researcher or an investor or a policy maker, my message is clear:

let's invest in collaborative tools that let us progress...

Let's tear down the walls that keep learning sealed off.

And let's make science open.



Open Science

Open Definition

"Open data and content can be freely used, modified, and shared by anyone for any purpose"

<http://opendefinition.org/>

A new approach to the research process



- Shifting focus from "publishing as fast as possible" to "sharing knowledge as early as possible"

Burgelman, Venice Nov 2016

Open Science

Open Data

Open Source

Open Methodology

Open Peer Review

Open Access

Open Educational Resources

Open Science Depends on Open Minds



Neelie Kroes ✓

Iscriviti

851

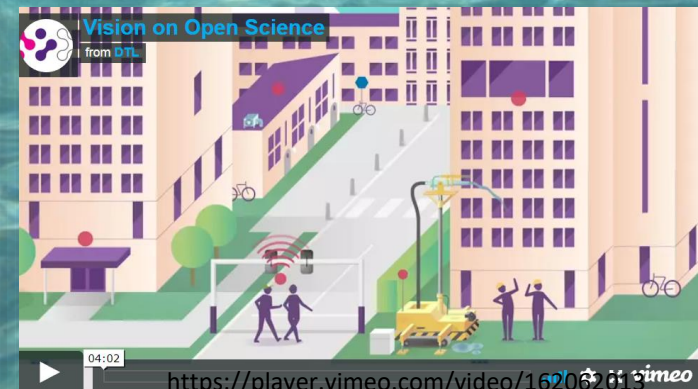


Open Science @openscience · 5 h

"Being open and transparent is an ongoing practice and not a check box at the end." - @biocrusoe #openscience



13



Open Science



Jeff Rouder

@JeffRouder

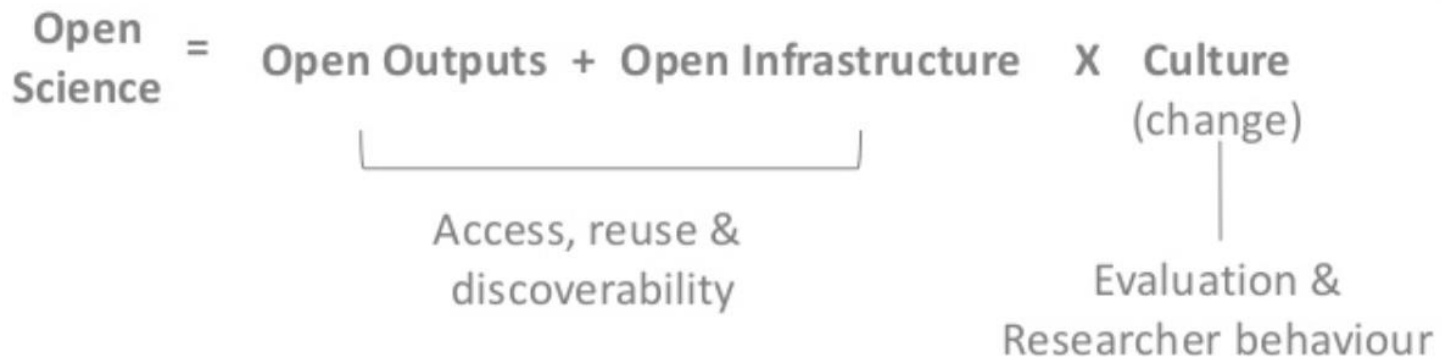
Segui



What is Open Science? It is endeavoring to preserve the rights of others to reach independent conclusions about your data and work.

Traduci il Tweet

21:47 - 5 dic 2017



C. Mac Callum, UKSG, April 2018

Open Science: risultati aperti + infrastruttura aperta x cambiamento culturale

Open Science

Open Science principles

Socio-cultural

- Inclusivity
- Equality
- Accountability
- Freedom
- Fairness



Jon Tennant

Technical

- Rigour
- Transparency
- Reproducibility
- FAIR
- TOP

Jon Tennant
@Protohedgehog

Following

My first talk of the year! Message is going to be that the opposite of 'open science' isn't 'closed science' - it's bad science.

Open Science is just
good science!

Jon Tennant
@Protohedgehog

Following

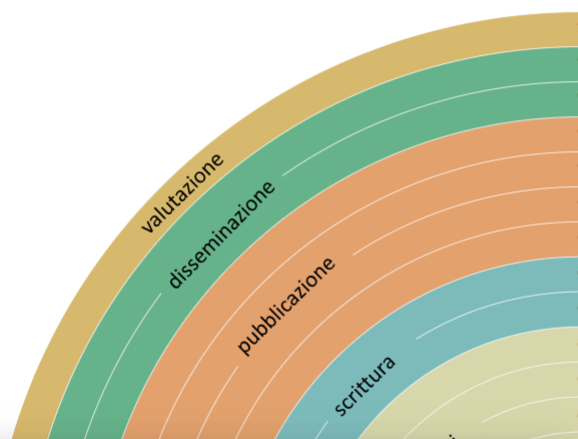
What is the difference between open science and good science? If research papers are inaccessible, with no code or data, cherry picked results, inability to even attempt to reproduce, is that really even science? Science without openness is more anecdote and faith than science.

Tennant Sept.2018

OPEN SCIENCE:
JUST
SCIENCE
DONE RIGHT

Open per...

Come puoi rendere Open ogni passo della ricerca...



- aggiungendo misure di impatto alternative, es. altmetrics
- comunicando sui social media, es. Twitter
- condividendo poster e presentazioni, es. su FigShare
- utilizzando licenze aperte, es. Creative Commons BY
- depositando in archivi o pubblicando su riviste Open
- provando la open peer review, es. PubPeer o F1000
- condividendo preprints, es. su OSF, arXiv o bioRxiv
- con formati leggibili dalle macchine, es. Jupyter o CoCalc
- con la scrittura collaborativa, es. Overleaf o Authorea
- condividendo protocolli e workflow, es. su Protocols.io
- condividendo note di laboratorio, es. OpenNotebookScience
- condividendo software, es. su GitHub con licenza GNU/MIT
- condividendo i dati, es. su Dryad, Zenodo o Dataverse
- pre-registrando esperimenti, es. su OSF o AsPredicted
- commentando pagine web, es. su Hypothes.is o Pund.it
- usando bibliografie condivise, es. su Zotero
- condividendo progetti di ricerca, es. su RIO Journal



Jon Tennant
@Protohedgehog

Following

To support 'open science' you don't have to agree with or practice the whole messy bulk of it. Share your papers openly; version your code; cite data sets; use open source software; blog. **Small steps can make a big difference.**

Traduci dalla lingua originale: inglese

18:09 - 27 feb 2018 da Praga, Repubblica Ceca

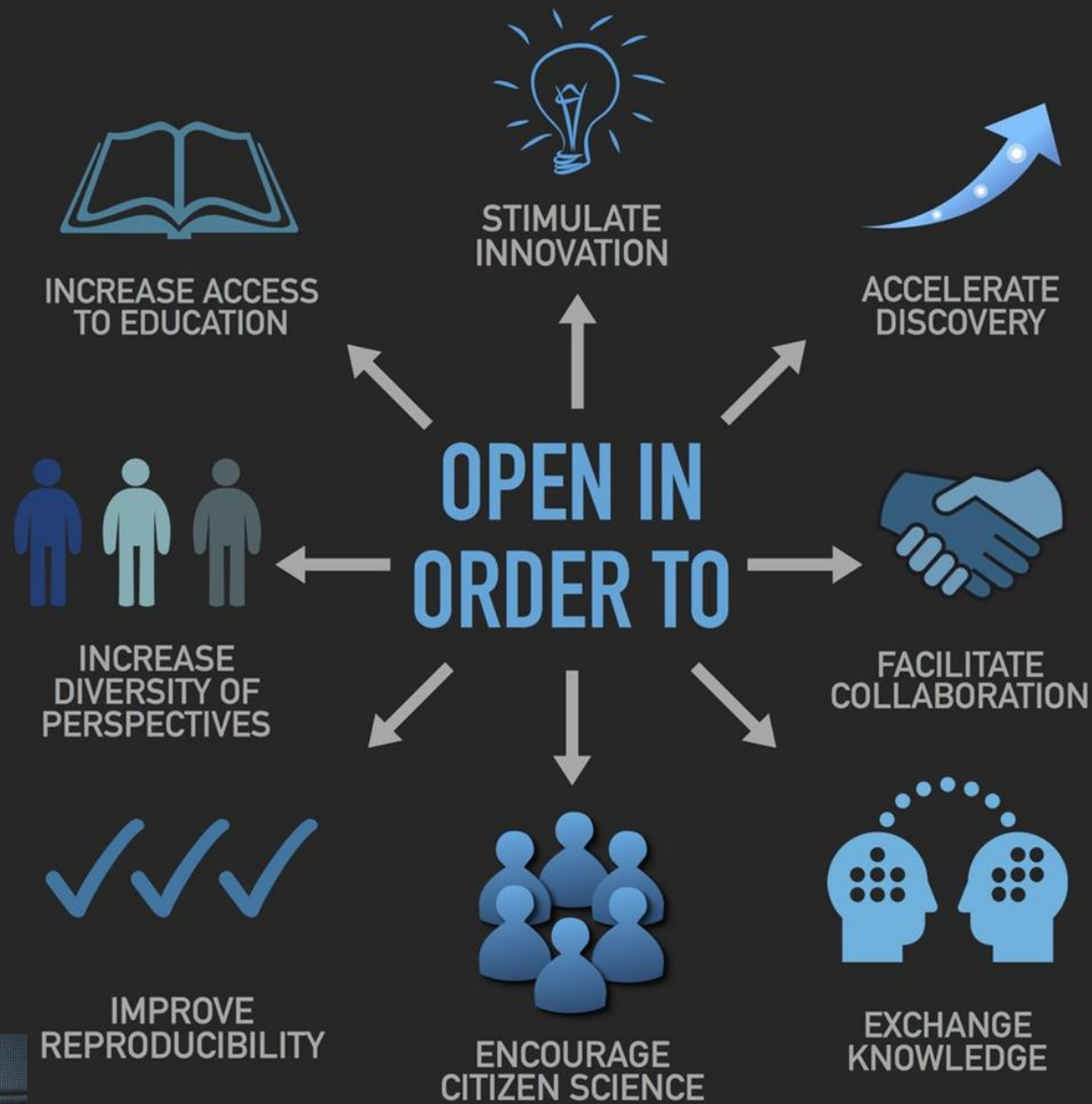
[DOI: 10.5281/zenodo.1147025](https://doi.org/10.5281/zenodo.1147025)

Traduzione: Elena Giglia



[DOI: 10.5281/zenodo.1195648](https://doi.org/10.5281/zenodo.1195648)

[una chiamata



whyopenresearch.org

#OAweek

... «core strategy» ...

HORIZON 2020

Open Science (Open A



Carlos Moedas ✓
@Moedas

Segui

2/4 "Open as possible, as closed as necessary" is the new principle for all [#data](#) from publicly funded [#research](#) in Europe [#openaccess](#)

RETWEET

76

MI PIACE

32



Iryna Kuchma @irynakuchma · 18 nov 2015

[#Openscience](#) is about making sure that science serves innovation & growth –
Günther Oettinger & Carlos Moedas



Wilma van Wezenbeek
@wvanwezenbeek

Following

[#osc2018](#) @BurgelmanJean "2018 is the year of no return in [#openscience](#)"

Traduci il Tweet

10:32 - 13 mar 2018

Newsroom

... shift towards making research findings available free of charge
... so-called 'Open access', has been **a core strategy** in the
... Commission to improve knowledge circulation and thus
... It is illustrated in particular by the general principle for open
... scientific publications in Horizon 2020 and the pilot for research



RESEARCH & INNOVATION
Open Science

European Commission > Research & Innovation > Open Science

Home

Open Access

European Open Science Cloud

Open Science Policy Platform

Groups

Open Science

European Commission Open Research Publishing Platform

The Commission proposes to fund a European Commission Open Research Publishing

TESTI E DATI OPEN
BY DEFAULT
(come fare)



The EU Framework Programme
for Research and Innovation

HORIZON 2020

Open Science in Europa

- Rewards and Incentives
- Research Indicators and Next-Generation Metrics
- Future of Scholarly Communication
- European Open Science Cloud
- FAIR Data
- Research Integrity
- Skills and Education
- Citizen Science

Integrated advice of the Open Science Policy Platform on 8 prioritised Open Science ambitions

May 29, 2018

Report, Sept. 2017

Providing researchers with the skills and competencies they need to practise Open Science

Open Science Skills Working Group Report

Removing barriers to open science

1. Change assessment, evaluation and reward systems in science 2
2. Facilitate text and data mining of content 1
3. Improve insight into IPR and issues such as privacy 6
4. Create transparency on the costs and conditions of academic communication 4

Developing research infrastructures

5. Introduce FAIR and secure data principles 16
6. Set up common e-infrastructures 18

Fostering and creating incentives for open science

7. Adopt open access principles 22
8. Stimulate new publishing models for knowledge transfer 23
9. Stimulate evidence-based research on innovations in open science 26

Mainstreaming and further promoting open science policies

10. Develop, implement, monitor and refine open access plans 30

Stimulating and embedding open science in science and society

11. Involve researchers and new users in open science 32
12. Encourage stakeholders to share expertise and information on open science 34

Amsterdam Call for Action
on Open Science

2
0
1
6

Politiche nazionali e
di ogni ateneo su
Open Access e Open
Data

COMMISSION RECOMMENDATION

of 25.4.2018

on access to and preservation of

Evaluation of Research Careers fully acknowledging Open Science Practices

Rewards, incentives and/or recognition for researchers
practicing Open Science

Report on OS and careers, July 2017

PlanS - cOAlitionS

cOAlitionS
Making
Open Access
a reality
by 2020

A DECLARATION OF COMMITMENT
BY PUBLIC RESEARCH FUNDERS

<http://scieur.org/coalition-s>

Plan S Sept. 4, 2018

**Accelerating the transition to
full and immediate Open Access to
scientific publications**



Open access to scientific publications
must become a reality by 2020 –
Robert-Jan Smits
March 23, 2018

IN ADDITION:

The key principle is as follows:

"After 1 January 2020 scientific publication
by national and European research coun-
Access Journals or on compliant Open Acc

- Authors retain copyright of their publication with no restrictions. All publications must be published under an open license, preferably the Creative Commons Attribution Licence CC BY. In all cases, the license applied should fulfil the requirements defined by the Berlin Declaration;
- The Funders will ensure jointly the establishment of robust criteria and requirements for the services that compliant high quality Open Access journals and Open Access platforms must provide;

In case such high quality Open Access journals or platforms do not yet exist, the Funders will, in a coordinated way, provide incentives to establish and support them when appropriate; support will also be provided for Open Access infrastructures where necessary;

Where applicable, Open Access publication fees are covered by the Funders or universities, not by individual researchers; it is acknowledged that all scientists should be able to publish their work Open Access even if their institutions have limited means;

- When Open Access publication fees are applied, their funding is standardised and capped (across Europe);
- The Funders will ask universities, research organisations, and libraries to align their policies and strategies, notably to ensure transparency;
- The above principles shall apply to all types of scholarly publications, but it is understood that the timeline to achieve Open Access for monographs and books may be longer than 1 January 2020;
- The importance of open archives and repositories for hosting research outputs is acknowledged because of their long-term archiving function and their potential for editorial innovation;
- The 'hybrid' model of publishing is not compliant with the above principles;
- The Funders will monitor compliance and sanction non-compliance;

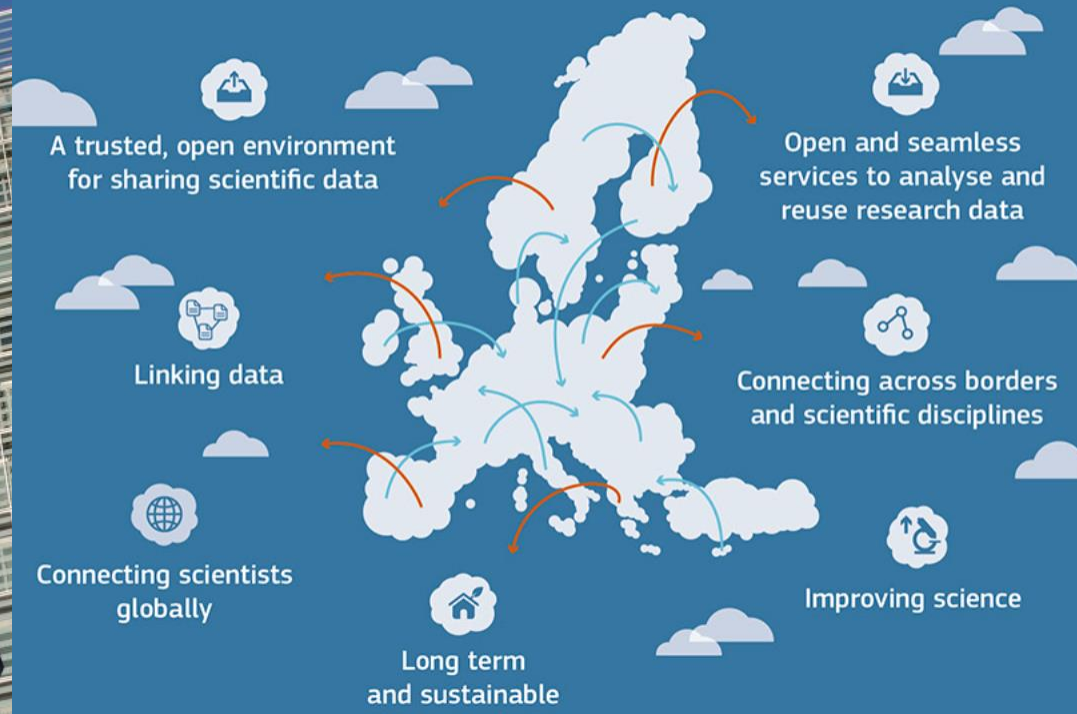
- NO RIVISTE IBRIDE
- TETTO ALLE APC
- APC PAGATE SEMPRE DA ISTITUZIONI
- AUTORI MANTENGONO COPYRIGHT, LICENZE CC BY

- REAZIONI
- DIBATTITO

EOSC – European Open Science Cloud

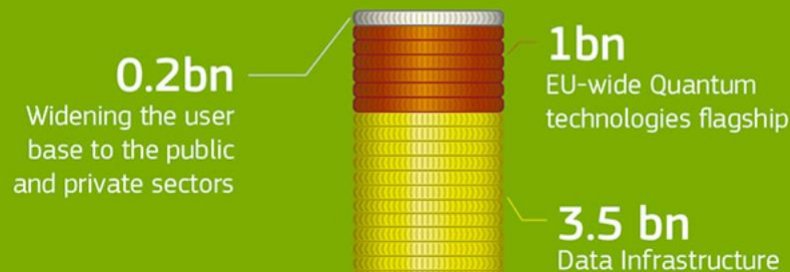


BRINGING TOGETHER CURRENT AND FUTURE DATA INFRASTRUCTURES



- necessario cambiamento culturale e formazione
- NESSUNA DISCIPLINA, NESSUNA ISTITUZIONE E NESSUN PAESE DEVE ESSERE LASCIATO INDIETRO
- 500.000 data stewards

CLOUD INITIATIVE, WITH ESTIMATED ADDITIONAL PUBLIC AND PRIVATE INVESTMENT OF €4.7 BN REQUIRED TO FURTHER DEVELOP THE EUROPEAN DATA INFRASTRUCTURE.



...servono testi... quindi Open Access

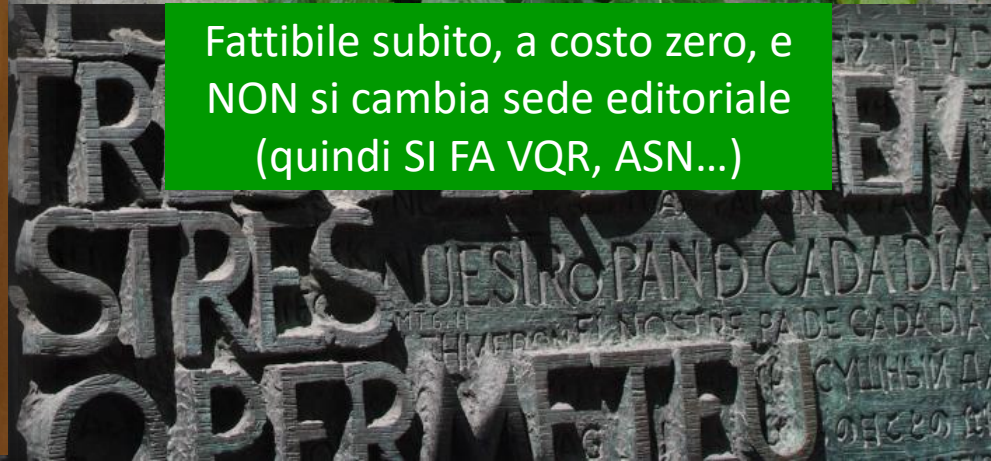


SI **DEPOSITA** IN UN ARCHIVIO OPEN ACCESS LA VERSIONE FINALE DELL'ARTICOLO, OVUNQUE ESSO SIA STATO PUBBLICATO, NEL RISPETTO DELLE NORME DI COPYRIGHT DELL'EDITORE

Fattibile subito, a costo zero, e NON si cambia sede editoriale (quindi SI FA VQR, ASN...)



SI **PUBBLICA** IN UNA RIVISTA OPEN ACCESS
[senza abbonamento, 26% chiede spese pubblicazione]



...scrivendo in modo diverso



Write Research Together.

Authorea is the collaborative editor for research.
Write and manage your documents in one place, for free.

Name Email Password

Start Writing

A new way to
read, write,
publish, and
interact with
scientific
content.



Write.



News: Overleaf partners with the RSC

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Pundit Web Annotation
8 iscritti

HOME PAGE

PundIT video



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Our mission is to bring a new layer to the web. Use Hypothesis to discuss, collaborate, organize your research, or take personal notes.

Get Bookmarklet

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Paste a link...

Annotate!

There's also a Chrome extension or you can add it to your website.

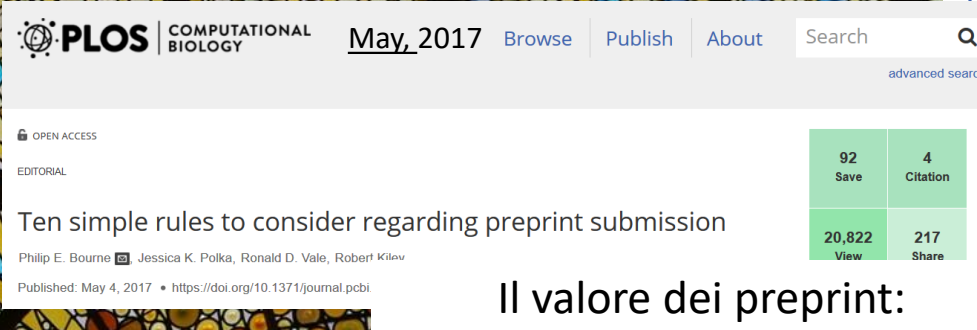
SCRIVERE COLLABORATIVAMENTE,
ANNOTARE IL WEB

Hypothesis announces a coalition of over 40 scholarly organizations bringing annotation to all knowledge. [Learn more](#)

<https://hypothes.is/>

... e non solo articoli...

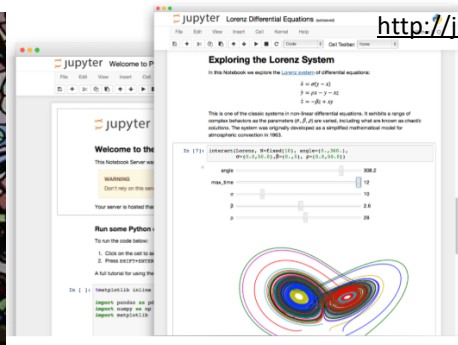
PREPRINT E OPEN NOTEBOOK



What is an Open Notebook?

Open Notebooks are documents that contain equations, visualisations, narrative text and live code that can be executed independently and interactively, with output visible immediately beneath the input.

They bring together analysis descriptions and results, which can be executed to perform the data analysis in real time.



<http://jupyter.org/index.html>

The Jupyter Notebook

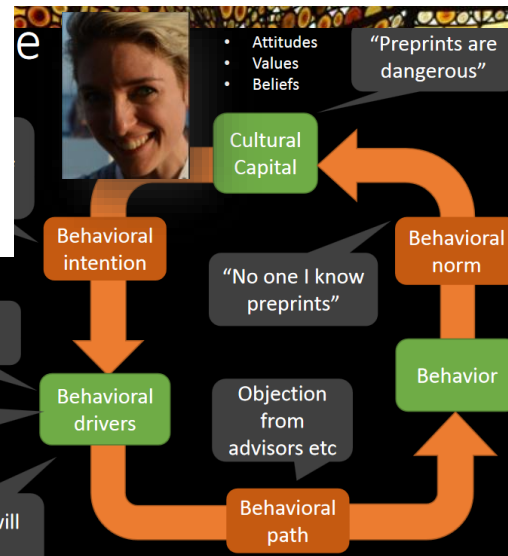
The Jupyter Notebook is an open-source web application that allows you to create and share documents that contain live code, equations, visualizations and narrative text. Uses include: data cleaning and transformation, numerical simulation, statistical modeling, data visualization, machine learning, and much more.

Try it in your browser

Install the Notebook

Il valore dei preprint:
pubblicazione immediata
dei risultati

- priorità scientifica
elimina il «limbo» di attesa
post submission



J. Polka,

, June 2017

Rule 1: Preprints speed up dissemination

Rule 2: Preprints should be licensed and formatted to facilitate reuse

Rule 3: Preprints provide a record of priority

Rule 4: Preprints do not lead to being scooped

Rule 5: Preprints provide access to scholarly content that would otherwise be lost

Rule 6: Preprints do not imply low quality

Rule 7: Preprints support the rapid evaluation of controversial results

Rule 8: Preprints do not typically preclude publication

Rule 9: Preprints can further inform grant review and academic advancement

Rule 10: Preprints—one shoe does not fit all

...e non solo testi...

zenodo

<https://zenodo.org/>

Research. Shared.

15 September 2015

Dataset Open access

Data set 1 for CARBON AND GENE FLOW MEDIATED BY VIRUS LIFE

Wilson, Willie; Martínez Martínez, Joaquín; Archer, Steve; Fields, David; Gilg, Ilana; Flöge, Sheri

(show affiliations)

Experimental data sets used for manuscripts associated with coccolithovirus infection of *Emiliania huxleyi*. Flow cytometry data; expression data of genes associated with photophysiology, fatty acid metabolism and sulphur cycling.

Please contact Willie Wilson (wilwil@sahfos.ac.uk) for further information.

Publication date:

15 September 2015

DOI

[10.5281/zenodo.31006](https://doi.org/10.5281/zenodo.31006)

Keyword(s):

Virus, *Emiliania huxleyi*, photophysiology, sulphur cycling, fatty acid metabolism

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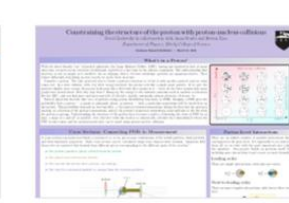
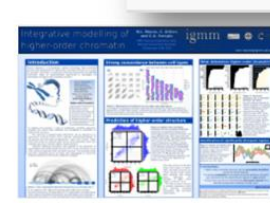
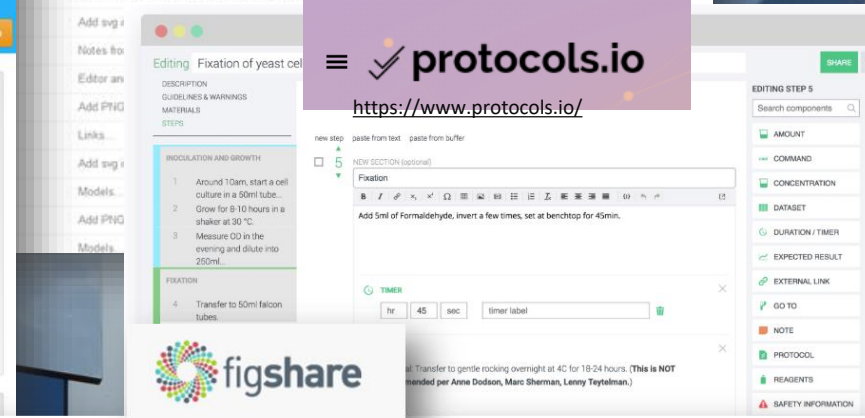
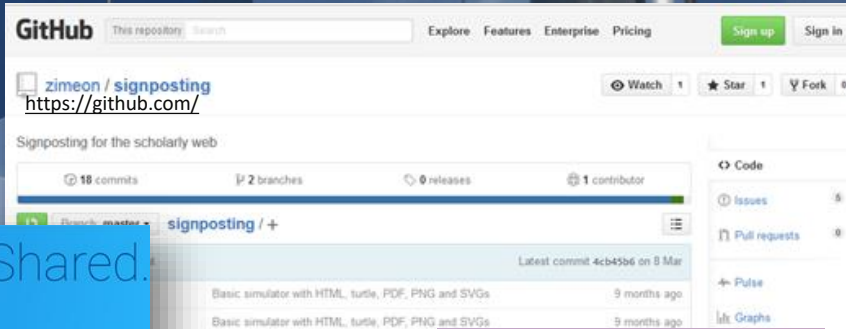
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...con dati FAIR...

Comment | OPEN

The FAIR Guiding Principles for scientific data management and stewardship

.] Barend Mons

improve the infrastructure supporting the diverse set of stakeholders—representing agencies, and scholarly publishers—have jointly endorse a concise and measurable criterion as the FAIR Data Principles. The intent is to provide a guideline for those wishing to enhance the data management practices. Distinct from peer initiatives that

March 2016



F=METADATI, IDENTIFICATIVI
PERSISTENTI...

A= CONSERVAZIONE SUL LUNGO
PERIODO

I=FORMATI APERTI, INTEROPERABILI

R=DOCUMENTAZIONE E LICENZE

...e con un Data Management Plan



IOSSG

Italian Open Science Support Group

- DMP È
- UN MODO STRUTTURATO DI PENSARE AI PROPRI DATI: raccolta, conservazione, descrizione, condivisione
 - living document: va aggiornato

DATASET DESCRIPTION	Descrivere i dati esistenti o che si intendono creare, indicandone provenienza, natura e ordine di grande Motivare la creazione di nuovi dataset e relativo valore aggiunto.
Provenance of data (content)	Descrivere se i dati provengono da interviste, indagini, sono estratti da archivi disciplinari, banche dati e/o da altri progetti (in tal caso, segnalare il titolo dei progetti)
Provenance of metadata	Idem
Type of data	Descrivere se sono qualitativi, quantitativi

Data Stewardship Wizard

Data Integration

7

Data Interpretation

3

Information and insight

14

Is there any pre-existing data?

Are there any data sets available in the world that are relevant to your planned research?

Data Stewardship for Open Science: atg

☐ No

☐ Yes

Will reference data be created?

reference data set for future research (by

Data Wizard per gestire i dati

<https://app.dsw.fairdata.solutions/questionnaire>

C|C because good research needs good data

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Breast Cancer Res Treat. 1988 May;11(2):147-53.

Distribution of Ha-RAS-1 proto-oncogene alleles in breast cancer patients and in a control population.

Saglio G¹, Camaschella C, Giali M, Serra A, Guerrasio A, Peirone B, Gasparini P, Mazza U, Ceppellini R, Biglia N, et al.

Author information

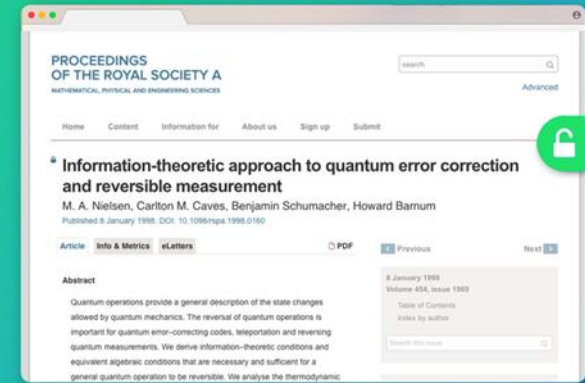
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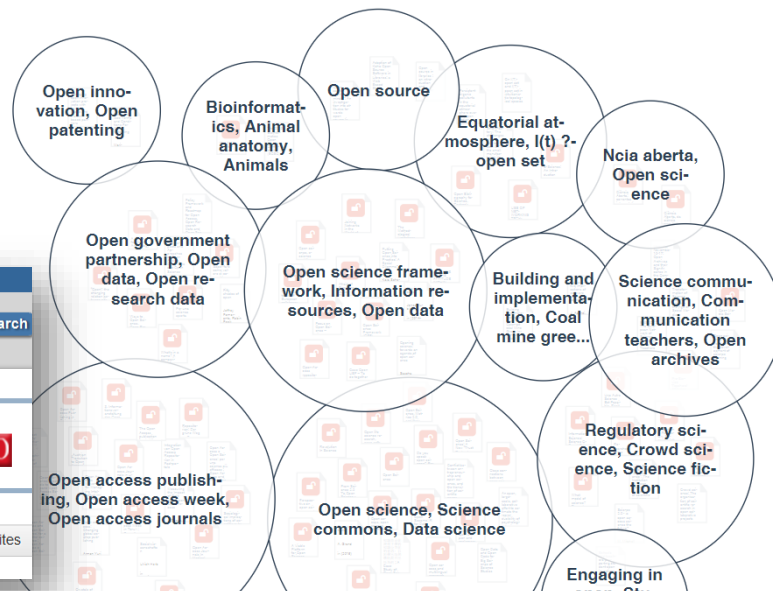
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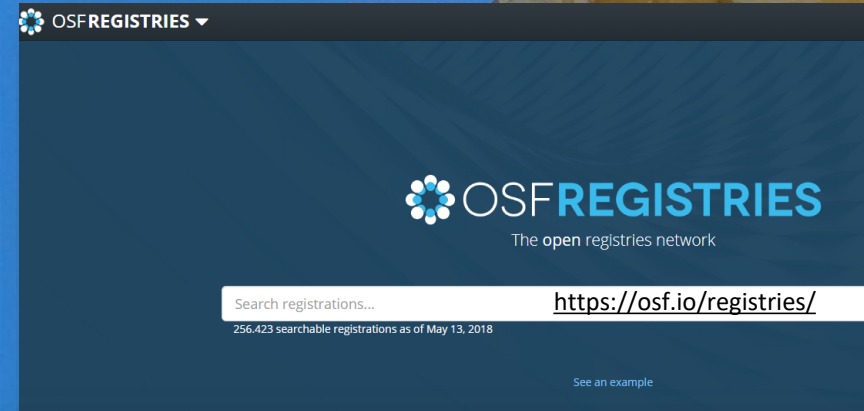
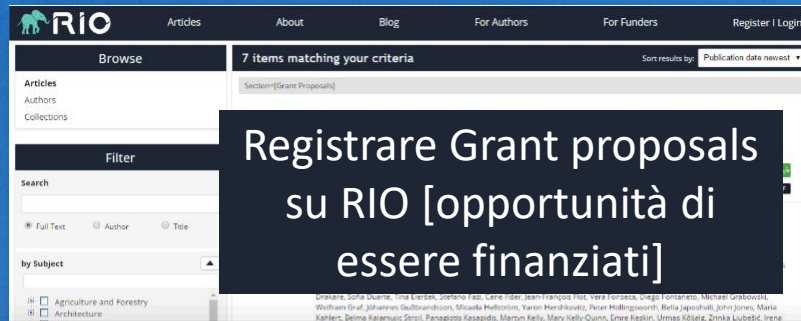
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...e apprendo l'intero ciclo



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Majesty The Queen

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Ragioni per No

Valid reasons not to participate in open science practices

Casper J. Albers*

Abstract

The past years have seen a sharp increase in the attention for open science practices. Such practices include pre-registration and registered reports, sharing of materials, open access publishing and attention to reproducibility of research. Despite the overwhelming amount of evidence highlighting the benefits of open science, some researchers remain reluctant. In this paper, I will outline valid reasons for researchers not to participate in open science practices.

Discussion

There are no valid reasons.

*Heymans Institute for Psychological Research, Grote Kruisstraat 2/1, 9712 TS Groningen, The Netherlands. <https://twitter.com/CaAl/status/966279936028958720>

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e chi MULINI A VENTO



... e voi?

...grazie!