

Objective

- Bit of good advice when writing a paper

- Do not flirt with Impact factor! Choose your journal with respect to audience, message, and budget.
- Concentrate on **scientific excellence**:
prestige \neq quality ; # citations \neq scientific value
- write your paper (in a machine readable version Latex, pdf...) in good English. Have it read by native speaker (or ChatGPT...).
- **controversial** papers make science move forward, **wrong** papers are part of science, **fraud** kills science, **plagiarism** is not science
- avoid self-citations, give appropriate credit to competitors.

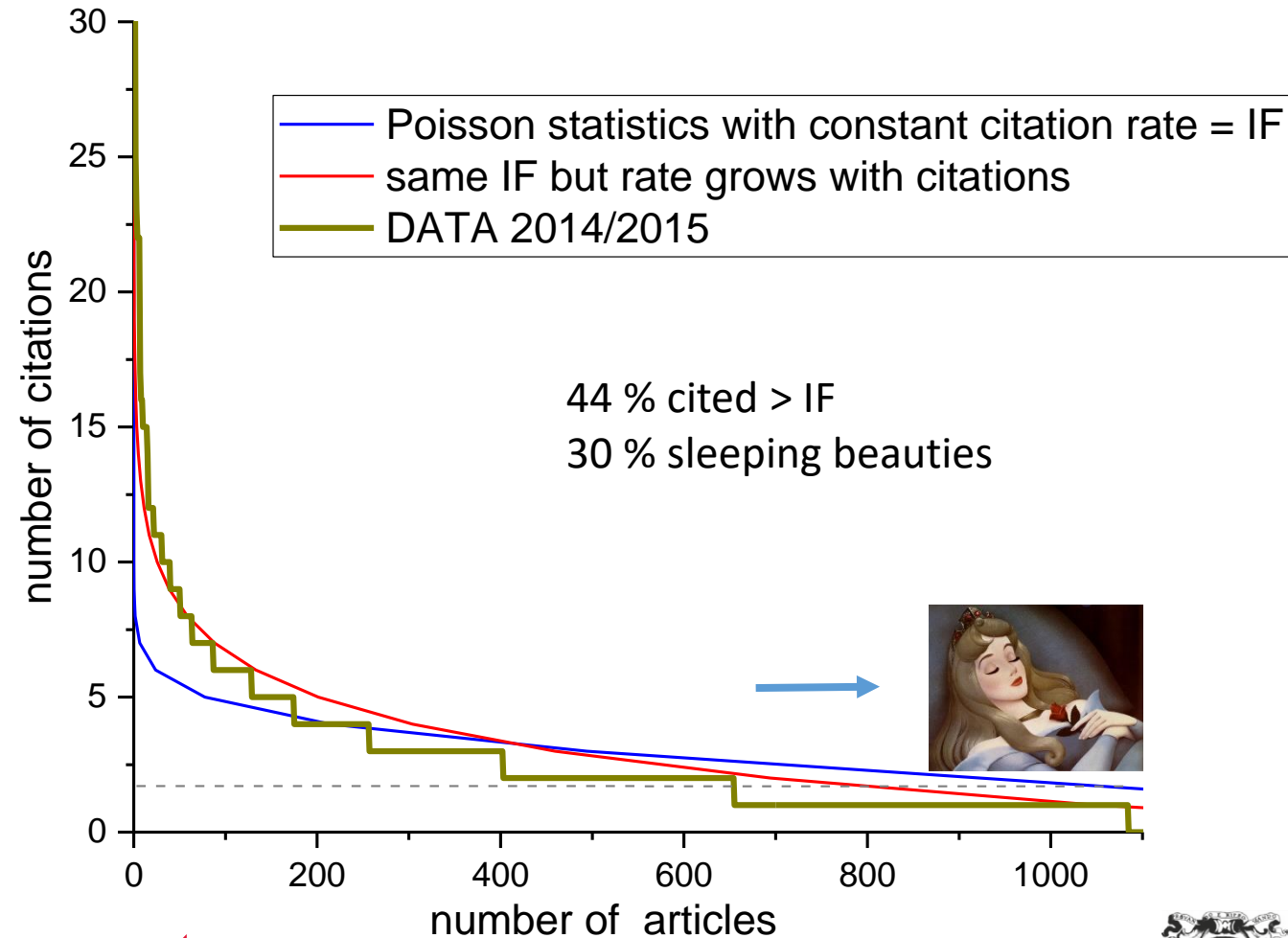
- respect **ALL** affiliations in the **CORRECT** way (often negotiated by local and national authorities)

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- check out for journal copyright policy on Sherpa-Romeo and CC BY licence compatibility. Be aware of predatory journals ([Beall's list](#))
- deposit your full-text article on HAL/ArXiv.org (with CC BY licence if possible) either upon submission or upon acceptance. Update if applicable.
- peer-review is part of the scientist's job!
- networks like ResearchGate or Academia are excellent for promotion, it is *not* legal to upload full-text articles for commercial purposes

Full statistics of citations



Link with assessment

Assessment evaluates scientific activity = publications +

Evaluator should have **easy and unlimited access** to all publications, including reactions, comments, theses

Evaluation should be transparent to all citizens

Scientific Assessment needs Open Science

Scientific quality \neq number of citations \neq Impact factor of journals

« Prestigious » journals are **NOT** open, impose embargos
OR have expensive APC (and thus privilege “rich” scientists)

(2013)

There is a pressing need **to improve the ways** in which the output of **scientific research is evaluated** by funding agencies, academic institutions, and other parties. The San Francisco Declaration on Research Assessment (DORA) is a worldwide initiative covering all scholarly disciplines.

A number of themes run through its recommendations:

- **the need to eliminate the use of journal-based metrics, such as Journal Impact Factors, in funding, appointment, and promotion considerations;**
- **the need to assess research on its own merits rather than on the basis of the journal in which the research is published;** and
- the need to capitalize on the opportunities provided by online publication (such as relaxing unnecessary limits on the number of words, figures, and references in articles, and **exploring new indicators of significance and impact**).

Disruptiveness index ?

signed by SFP, CNRS, CEA, Académie des Sciences, many Universities (UGA), HCÉRES,

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(→ ChatGPT)

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