

PLoS ONE and Chemical blogspace: About no Impact yet

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chem-bla-ics

Journals in chemistry are pretty well fixed. *JACS*, *Angewandte Chemie* are clear leaders. *Nature* and *Science* if you have something that will attract many scientists. For the rest many smaller journals exist more dedicated at particular research areas.

- 1 Journal of the American Chemical Society
- 2 Angewandte Chemie International Edition
- 3 Nature
- 4 Science
- 5 Organic Letters
- 6 Journal of Medicinal Chemistry
- 7 Journal of Chemical Information and Computer Sci
- 8 Journal of Chemical Information and Modeling
- 9 Proceedings of the National Academy of Sciences
- 10 The Journal of Organic Chemistry
- 11 Bioorganic & Medicinal Chemistry Letters
- 12 Nature Reviews Drug Discovery
- 13 Drug Discovery Today
- 14 Nature Biotechnology
- 16 Tetrahedron Letters
- 17 BMC bioinformatics
- 18 Organometallics
- 19 Advanced Drug Delivery Reviews

[PLOS ONE](#) is a new journal that changes the way science is published: it publishes anything that is scientifically sound and does not make any judgement on impact and lets the community deal with that. [Cameron Neylon](#) recently had him taped to discuss [article-level metrics used at PLoS ONE](#) (see also [this](#)).

And, PONE (as they affectionately call it) seems to be steadily growing to, at least, become a BIG publisher. Clearly, not dedicating yourself to a small discipline helps. And the IT we have had around for the past 10 years make this large scale publishing possible. The impact of a paper becomes clear through those article level metrics.

Finding interesting papers, however, may be a bit more difficult. There are dedicated RSS feeds listed at the front page:

Contents	
Browse our content by subject area, presented with the most recently published research first	
Anesthesiology and Pain Management RSS	Molecular Biology RSS
Biochemistry RSS	Nephrology RSS
Biophysics RSS	Neurological Disorders RSS
Biotechnology RSS	Neuroscience RSS
Cardiovascular Disorders RSS	Non-Clinical Medicine RSS
Cell Biology RSS	Nutrition RSS
Chemical Biology RSS	Obstetrics RSS
Chemistry RSS	Oncology RSS
Computational Biology RSS	Ophthalmology RSS
Computer Science RSS	Otolaryngology RSS
Critical Care and Emergency Medicine RSS	Pathology RSS
Dermatology RSS	Pediatrics and Child Health RSS
Developmental Biology RSS	Pharmacology RSS
	Physics RSS

And I recently subscribed to [the Chemistry feed \(RSS\)](#).

One of the sources taken into account for the article-level metrics is Postgenomic.com, and you may be aware that [Chemical blogspace](#) is using the same software. However, us ~60 active have not been paying attention this PONE feed. Well, there have appeared only 84 papers yet in this subsection:

1 - 10 of 84 articles published in Chemistry. 

1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | [Next >](#)

> Published 21 Aug 2009

[Practical, Microfabrication-Free Device for Single-Cell Isolation](#)

Liang-I Lin, Shih-hui Chao, Deirdre R. Meldrum

> Published 19 Aug 2009

[Development of a Quantitative Bead Capture Assay for Soluble IL-7 Receptor Alpha in Human Plasma](#)

Sylvie Faucher, Angela M. Crawley, Wendy Decker, Alice Sherring, Dragica Bogdanovic, Tao Ding, Michele Bergeron, Jonathan B. Angel, Paul Sandstrom

> Published 17 Aug 2009

[Knocking-Down Cyclin A₂ by siRNA Suppresses Apoptosis and Switches Differentiation Pathways in K562](#)

... but only one has been cited in Chemical blogspace, which is a bit disappointing:

A comparison of wood density between classic

 published by PLoS ONE on Tue 1st Jan 08

Berend C Stoel, Terry M Borman

DOI [10.1371/journal.pone.0002554](https://doi.org/10.1371/journal.pone.0002554) PMID 18596937

Classical violins created by Cremonese masters, such as Stradivari, and the sound of all violins are compared in terms of the wood density. It has been able to replicate the sound quality of these classic violins by analyzing an instrument's geometry and the material properties of the wood. The properties, the wood density, at the growth ring level, were measured using tomography and specially developed image-processing techniques. The antique violins, however, the density differences

So, what are your reasons you do not read this journal yet?

I have spotted one paper which I will soon read and review: *How Large Is the Metabolome? A Critical Analysis of Data Exchange Practices in Chemistry* (doi:10.1371/journal.pone.0005440).