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PLoS ONE and Chemical blogspace: About no Impact yet

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Cb, Chemistry, Publishing, Plos

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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.

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:

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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**.

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› 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

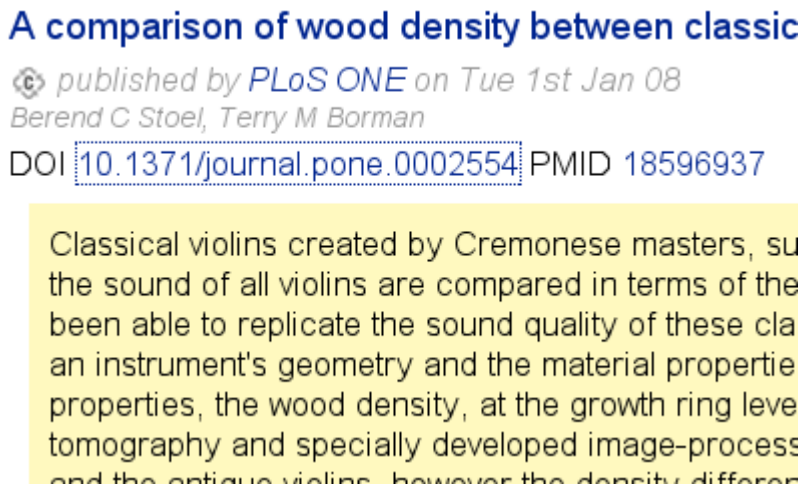
Development of a Quantitative Bead Capture Assay for Soluble IL-7 Receptor Alpha in Human Plasma

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 A_2 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 PMID 18596937

Classical violins created by Cremonese masters, su
the sound of all violins are compared in terms of the
been able to replicate the sound quality of these cla
an instrument's geometry and the material propertie
properties, the wood density, at the growth ring leve
tomography and specially developed image-process

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).