

Scholia as of September 2018

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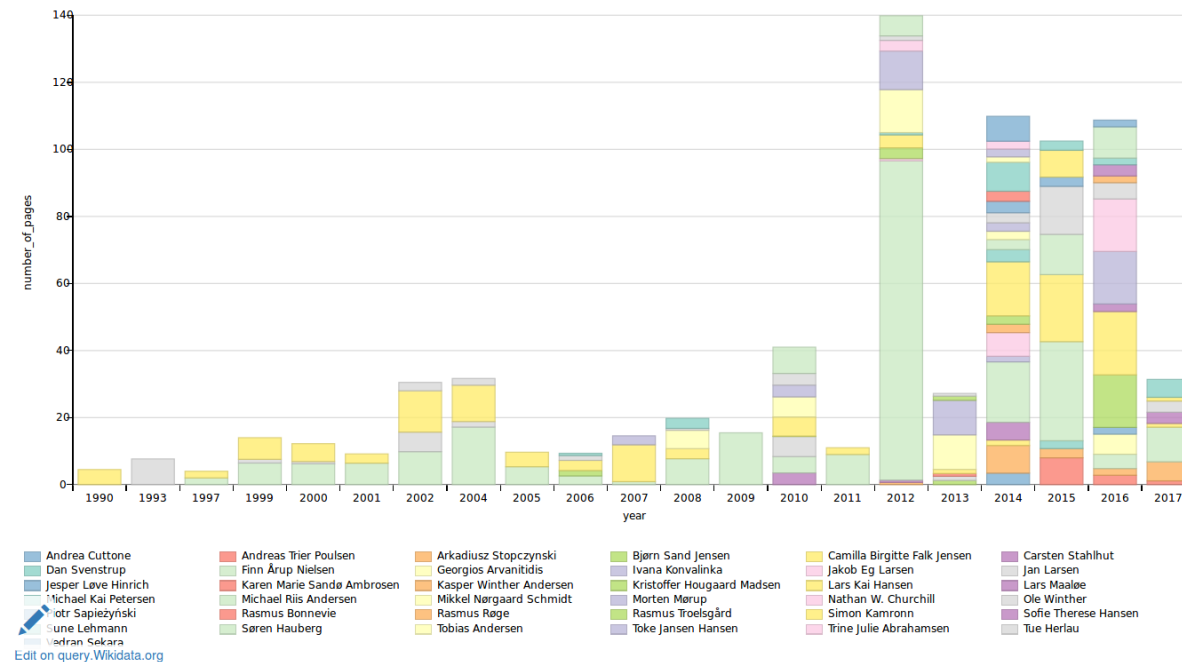
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Scholia: Showing all science with Wikidata

Page production

Scientific article page production per year per author. The number of pages for a multiple-author paper is distributed among the authors. The statistics is only for papers where the "number of pages" property has been set.



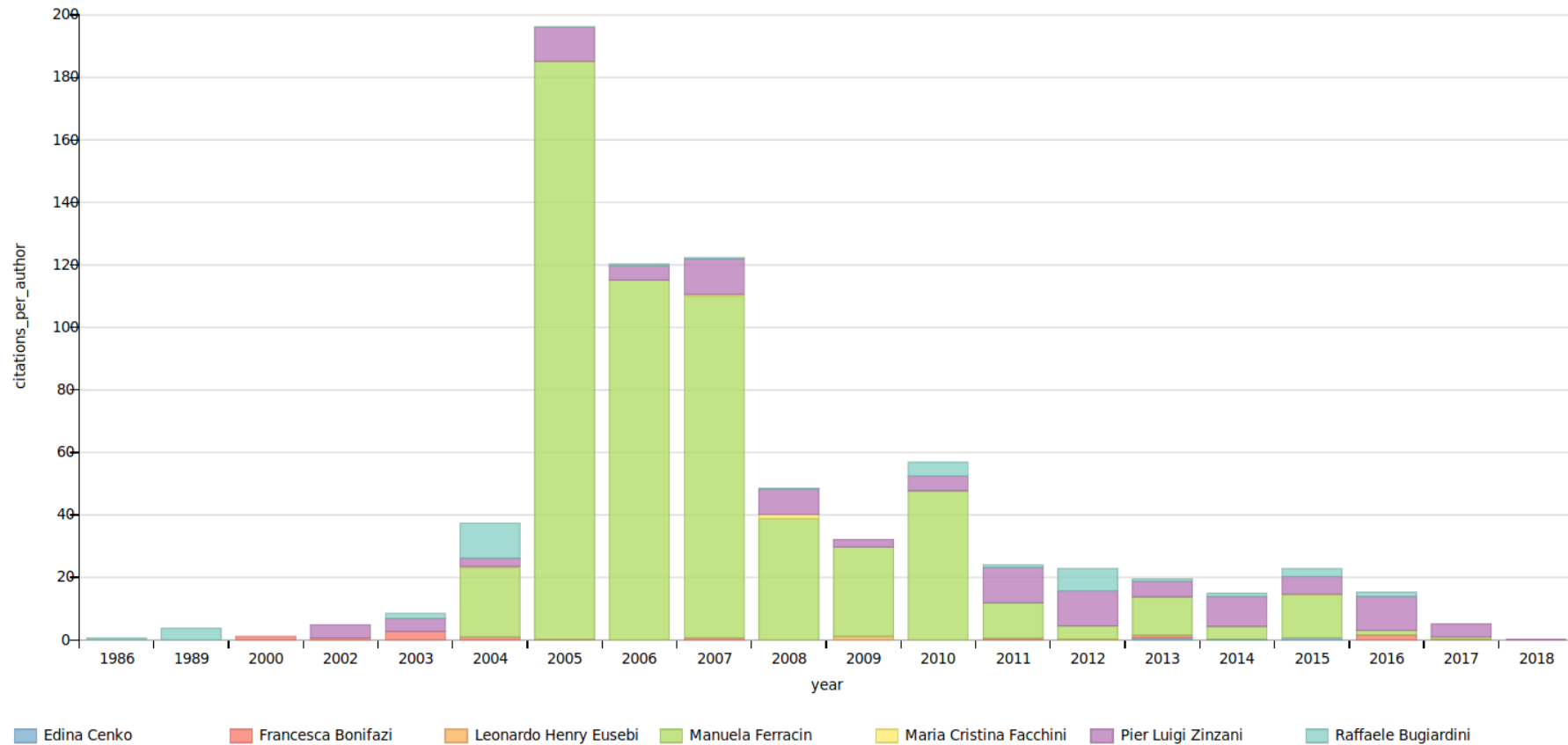
Scholia is a webservice from <https://tools.wmflabs.org/scholia/> and a Python package from <https://github.com/fnielsen/scholia>.

The webservice generates overview of science with *Wikidata Query Service* and is built with the Flask web framework, HTML, Bootstrap, Javascript and templated SPARQL.

For researcher profiles, scientometrics, bibliographic reference management, information discovery (find relevant papers, scientific meetings, researchers, funding opportunities, ...).

Co-author normalized citations per year

Co-author-normalized citations per year



Bologna's co-author normalized citations per year.

Projects in Scholia

Citations per budget

Show entries

Search:

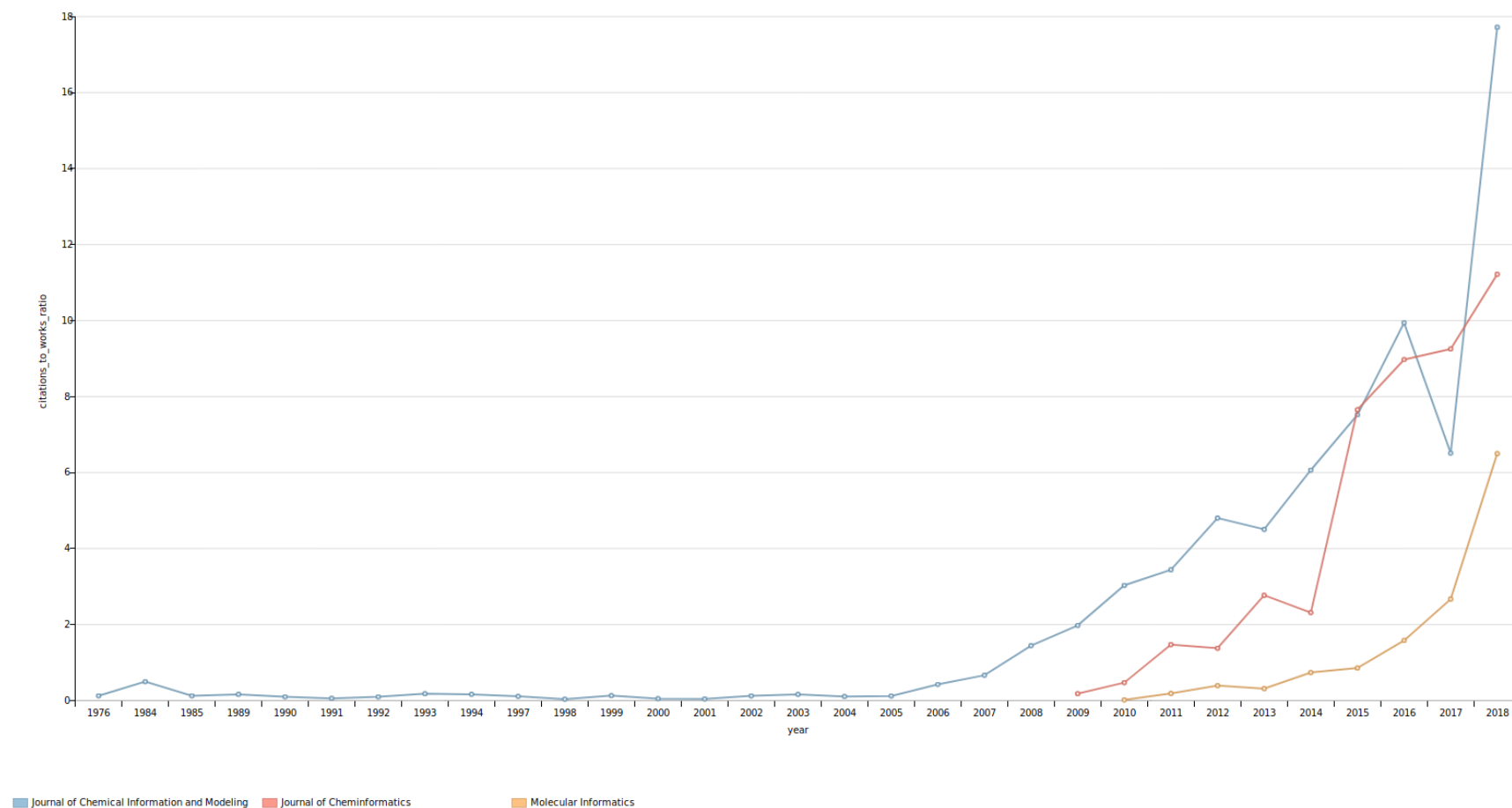
Cites per_million	Citations	Budget	Currency	Short name	Project
207.40053358079109	894	4310500	euro	NANOMMUNE	Comprehensive assessment of hazardous effects of engineered nanomaterials on the immune system
193.09230169599405	54	279659	euro	ENRHES	Engineered Nanoparticles: Review of Health and Environmental Safety
126.71418448584886	19	149943.75	euro	SILKENE	SILKENE: Bionic silk with graphene or other nanomaterials spun by silkworms
88.94785719449311	429	4823050.42	euro	NEURONANO	Do nanoparticles induce neurodegenerative diseases? Understanding the origin of reactive oxidative species and protein aggregation and mis-folding phenomena in the presence of nanoparticles
64.33839298625732	84	1305596.8	euro	NANOTRANSKINETICS	Modelling basis and kinetics of nanoparticle interaction with membranes, uptake into cells, and sub-cellular and inter-compartmental transport
57.69595026013908	304	5269000.66	euro	ENPRA	Risk Assessment of Engineered Nanoparticles
49.57705673070313	195	3933271.01	euro	NANOTEST	Development of methodology for alternative testing strategies for the assessment of the toxicological profile of nanoparticles used in medical diagnostics
39.87060659140868	51	1279137.8	euro	MODNANOTOX	Modelling nanoparticle toxicity: principles, methods, novel approaches
36.2593836519345	118	3254330	euro	NANOTOES	Nanotechnology: Training Of Experts in Safety
29.24248324571952	365	12481840.1	euro	MARINA	Managing Risks of Nanoparticles

Research project aspect (the schema for projects and grants is not quite settled).

If works are linked up to the project (by Wiki-data's *sponsored by* property) we can make unusually statistics.

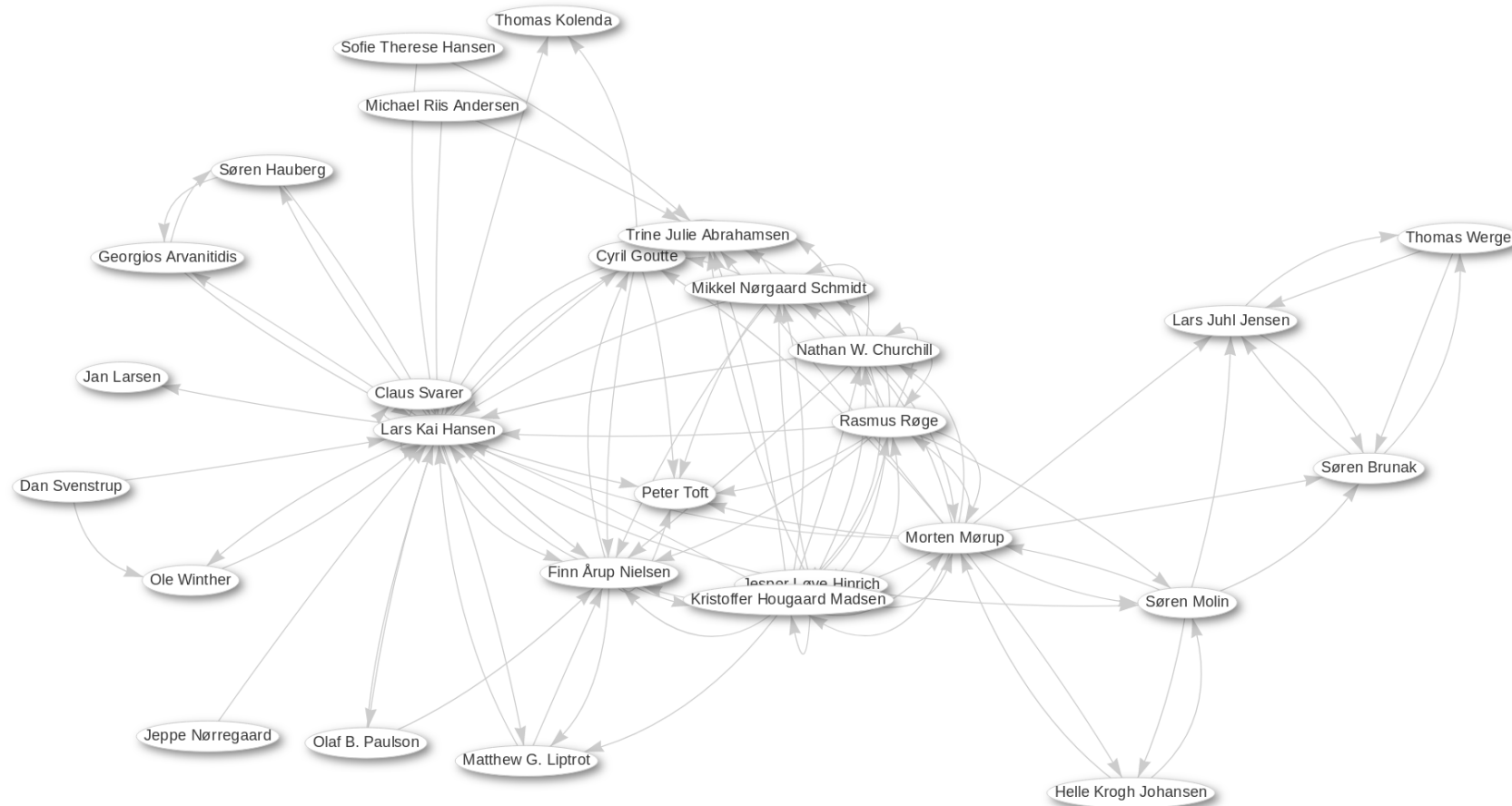
Here *citations per million budget*.

Comparison of multiple items



Multiple countries, e.g., some Southern and Eastern African countries or cheminformatics journals (here Willighagen's *citations to work ratio*).

Scholia's "subaspects"



Cocitation network for machine learning researchers in Denmark:
</scholia/country/Q33/topic/Q2539>.

Geodata and Scholia

Nearby researchers

Show entries

Search:

Score	Author	Example work
24.178268894199626	Ulrike Cress	A productive clash of perspectives? The interplay between articles' and authors' perspectives and their impact on Wikipedia edits in a controversial domain
9.818634462803981	Iassen Halatchliyski	A productive clash of perspectives? The interplay between articles' and authors' perspectives and their impact on Wikipedia edits in a controversial domain
1.604942154393766	Jason Weston	Reading Wikipedia to Answer Open-Domain Questions
0.16670001484301264	Denny Vrandečić	Revisiting reverts: accurate revert detection in Wikipedia
0.08335000742150632	Rudi Studer	Semantic Wikipedia
0.04167500371075316	Maria Koutraki	Wikipedia Infobox Type Prediction Using Embeddings
0.04167500371075316	Harald Sack	Wikipedia Infobox Type Prediction Using Embeddings

Wikipedia researchers near Tübingen: Weight information in Wikidata by the geographical distance and topic of authored works (Nielsen et al., 2018).

</scholia/location/Q3806/-topic/Q52>.

Nearby (in space and time) events also possible.

Wembedder

Frontolimbic Serotonin 2A Receptor Binding in Healthy Subjects Is Associated with Personality Risk Factors for Affective Disorder (Q20984691)

Related: [Seasonal changes in brain serotonin transporter binding in short serotonin transporter linked polymorphic region-allele carriers but not in long-allele homozygotes](#) · [A nonlinear relationship between cerebral serotonin transporter and 5-HT\(2A\) receptor binding: an in vivo molecular imaging study in humans](#) · [Mining the posterior cingulate: Segregation between memory and pain components](#) · [Cerebral 5-HT2A receptor binding is increased in patients with Tourette's syndrome](#) · [Wikipedia in the eyes of its beholders: A systematic review of scholarly research on Wikipedia readers and readership](#) · ["The sum of all human knowledge": A systematic review of scholarly research on the content of Wikipedia](#) · [Cerebellar heterogeneity and its impact on PET data quantification of 5-HT receptor radioligands](#) · [Good Friends, Bad News - Affect and Virality in Twitter](#) · [The Center for Integrated Molecular Brain Imaging \(Cimbi\) database](#) · [A New ANEW: Evaluation of a Word List for Sentiment Analysis in Microblogs](#)

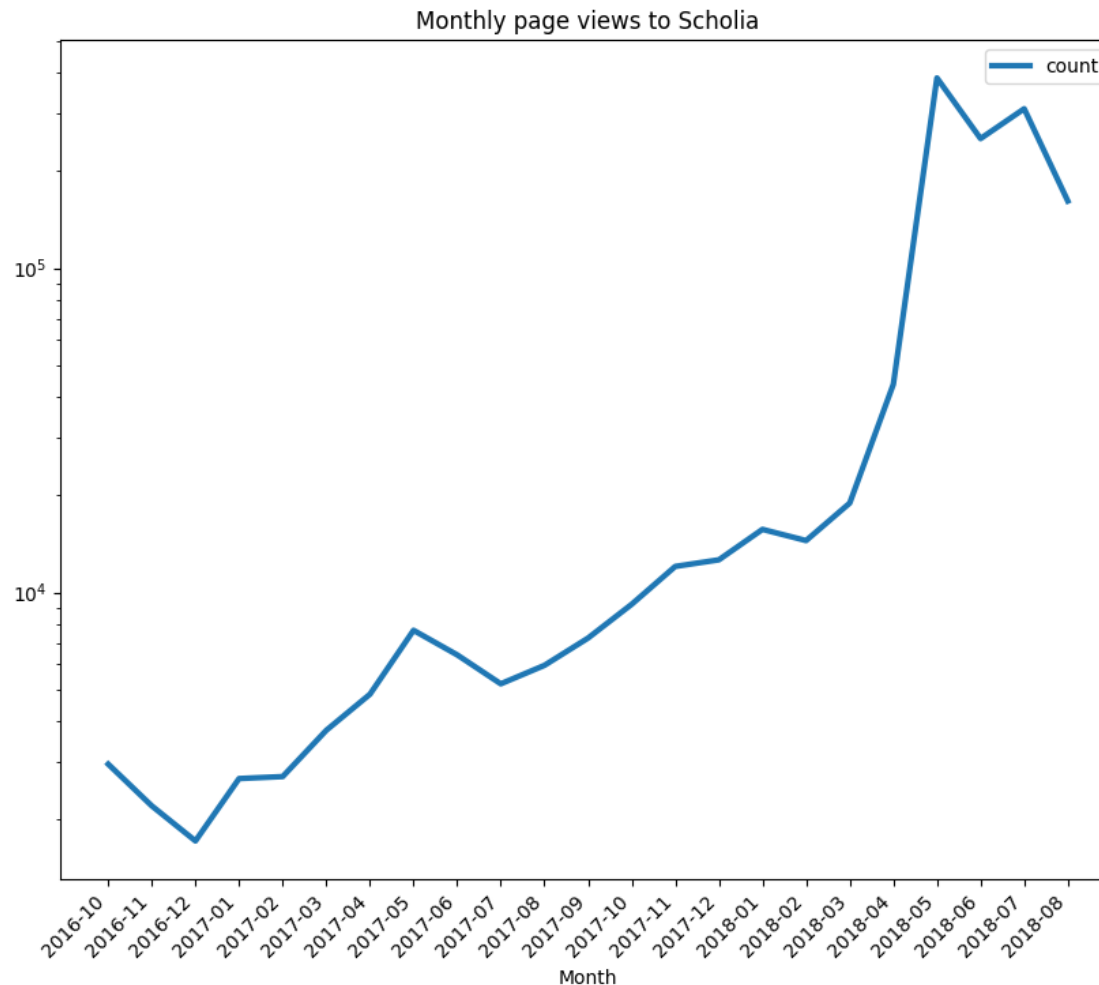
Finding related items based on word2vec-based knowledge graph embedding ([Nielsen, 2017](#)).

Here for [a scientific article](#).

In this case, the similar articles found are (probably) mostly related to coauthorship relations.

But a newer embedding would probably be much affected by the citation relations between papers.

Scholia usage statistics



Monthly pageview for Scholia has increased and has been over 300'000.

The latest increase is likely due to inclusion of link to Scholia from Wikimedia Commons templates. Whether page view coming this way are bots or users are not known.

References

Nielsen, F. Å. (2017). [Wembedder: Wikidata entity embedding web service](#). DOI: [10.5281/zenodo.1009127](#).

Nielsen, F. Å., Mietchen, D., and Willighagen, E. (2018). Geospatial data and Scholia. *Proceedings of the 3rd International Workshop on Geospatial Linked Data and the 2nd Workshop on Querying the Web of Data*. DOI: [10.5281/ZENODO.1202256](#).