

# Daniel Mietchen

## List of Publications by Year in descending order

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Version: 2024-02-01

76  
papers

1,739  
citations

361045

20  
h-index

360668

35  
g-index

89  
all docs

89  
docs citations

89  
times ranked

2689  
citing authors

#	ARTICLE	IF	CITATIONS
1	Representing COVID-19 information in collaborative knowledge graphs: The case of Wikidata. Semantic Web, 2022, 13, 233-264.	1.1	19
2	A formalization of one of the main claims of "Cortex reorganization of <i>Xenopus laevis</i> eggs in strong static magnetic fields" by Mietchen et al. 20051. Data Science, 2022, 5, 21-23.	0.7	0
3	A formalization of one of the main claims of "Creative Commons licenses and the non-commercial condition: Implications for the re-use of biodiversity information" by Hagedorn et al. 20111. Data Science, 2022, 5, 39-42.	0.7	0
4	Fostering global data sharing: highlighting the recommendations of the Research Data Alliance COVID-19 working group. Wellcome Open Research, 2020, 5, 267.	0.9	11
5	Fostering global data sharing: highlighting the recommendations of the Research Data Alliance COVID-19 working group. Wellcome Open Research, 2020, 5, 267.	0.9	6
6	Wikidata as a knowledge graph for the life sciences. ELife, 2020, 9, .	2.8	76
7	Correction to: Using Shape Expressions (ShEx) to Share RDF Data Models and to Guide Curation with Rigorous Validation. Lecture Notes in Computer Science, 2019, , C1-C1.	1.0	1
8	Using Shape Expressions (ShEx) to Share RDF Data Models and to Guide Curation with Rigorous Validation. Lecture Notes in Computer Science, 2019, , 606-620.	1.0	19
9	Ten principles for machine-actionable data management plans. PLoS Computational Biology, 2019, 15, e1006750.	1.5	32
10	An open toolkit for tracking open science partnership implementation and impact. Gates Open Research, 2019, 3, 1442.	2.0	10
11	Submit a Topic Page to PLOS Computational Biology and Wikipedia. PLoS Computational Biology, 2018, 14, e1006137.	1.5	7
12	A Landscape Survey of ActiveDMPs. International Journal of Digital Curation, 2018, 13, 204-214.	0.1	3
13	Academics can help shape Wikipedia. Science, 2017, 357, 557-558.	6.0	15
14	Scholia, Scientometrics and Wikidata. Lecture Notes in Computer Science, 2017, , 237-259.	1.0	55
15	A multi-disciplinary perspective on emergent and future innovations in peer review. F1000Research, 2017, 6, 1151.	0.8	62
16	A multi-disciplinary perspective on emergent and future innovations in peer review. F1000Research, 2017, 6, 1151.	0.8	134
17	Developing international open science collaborations: Funder reflections on the Open Science Prize. PLoS Biology, 2017, 15, e2002617.	2.6	4
18	Wikipedia as a gateway to biomedical research: The relative distribution and use of citations in the English Wikipedia. PLoS ONE, 2017, 12, e0190046.	1.1	22

#	ARTICLE	IF	CITATIONS
19	Progress in promoting data sharing in public health emergencies. Bulletin of the World Health Organization, 2017, 95, 243-243.	1.5	26
20	Open drug discovery for the Zika virus. F1000Research, 2016, 5, 150.	0.8	50
21	Applying, Evaluating and Refining Bioinformatics Core Competencies (An Update from the Curriculum) Tj ETQq1 1 0.784314 rgBT /Ov	1.5	24
22	Data sharing in public health emergencies. International Journal of Infectious Diseases, 2016, 53, 35-36.	1.5	3
23	The Transformative Nature of Transparency in Research Funding. PLoS Biology, 2014, 12, e1002027.	2.6	10
24	Enriched biodiversity data as a resource and service. Biodiversity Data Journal, 2014, 2, e1125.	0.4	15
25	Revolving images and multi-image keys—open new horizons in descriptive taxonomy: ZooKeys—working examples. ZooKeys, 2013, 328, 1-3.	0.5	4
26	ISCB Computational Biology Wikipedia Competition. PLoS Computational Biology, 2013, 9, e1003242.	1.5	8
27	Beyond dead trees: integrating the scientific process in the Biodiversity Data Journal. Biodiversity Data Journal, 2013, 1, e995.	0.4	40
28	Eupolybothrus cavernicolus Komeri & Stoev sp. n. (Chilopoda: Lithobiomorpha: Lithobiidae): the first eukaryotic species description combining transcriptomic, DNA barcoding and micro-CT imaging data. Biodiversity Data Journal, 2013, 1, e1013.	0.4	46
29	Topic Pages: PLoS Computational Biology Meets Wikipedia. PLoS Computational Biology, 2012, 8, e1002446.	1.5	23
30	An Asian Elephant Imitates Human Speech. Current Biology, 2012, 22, 2144-2148.	1.8	134
31	Wikis in scholarly publishing. Nature Precedings, 2011, , .	0.1	0
32	Collaborative platforms for streamlining workflows in Open Science. Nature Precedings, 2011, , .	0.1	3
33	Peer reviews: make them public. Nature, 2011, 473, 452-452.	13.7	4
34	Effectively incorporating selected multimedia content into medical publications. BMC Medicine, 2011, 9, 17.	2.3	37
35	Wikis in scholarly publishing*. Information Services and Use, 2011, 31, 53-59.	0.1	4
36	Creative Commons licenses and the non-commercial condition: Implications for the re-use of biodiversity information. ZooKeys, 2011, 150, 127-149.	0.5	58

#	ARTICLE	IF	CITATIONS
37	Interlinking journal and wiki publications through joint citation: Working examples from ZooKeys and Plazi on Species-ID. ZooKeys, 2011, 90, 1-12.	0.5	25
38	Optimizing automated preprocessing streams for brain morphometric comparisons across multiple primate species. Nature Precedings, 2010, , .	0.1	1
39	Optimizing automated preprocessing streams for brain morphometric comparisons across multiple primate species. Nature Precedings, 2010, , .	0.1	0
40	Wikis as platforms for scholarly publishing. Nature Precedings, 2010, , .	0.1	0
41	Computational morphometry for detecting changes in brain structure due to development, aging, learning, disease and evolution. Frontiers in Neuroinformatics, 2009, 3, 25.	1.3	62
42	Three-dimensional Magnetic Resonance Imaging of fossils across taxa. Biogeosciences, 2008, 5, 25-41.	1.3	23
43	In Vivo Assessment of Cold Adaptation in Insect Larvae by Magnetic Resonance Imaging and Magnetic Resonance Spectroscopy. PLoS ONE, 2008, 3, e3826.	1.1	15
44	In vivo magnetic resonance microscopy of differentiation in <i>Xenopus laevis</i> embryos from the first cleavage onwards. Differentiation, 2007, 75, 84-92.	1.0	21
45	A cardiac signature of emotionality. European Journal of Neuroscience, 2007, 26, 3328-3338.	1.2	52
46	Untangling syntactic and sensory processing: An ERP study of music perception. Psychophysiology, 2007, 44, 476-490.	1.2	137
47	Subcellular In Vivo <sup>1</sup> H MR Spectroscopy of <i>Xenopus laevis</i> Oocytes. Biophysical Journal, 2006, 90, 1797-1803.	0.2	35
48	Magnetic resonance imaging of the siliceous skeleton of the demosponge <i>Lubomirskia baicalensis</i> . Journal of Structural Biology, 2006, 153, 31-41.	1.3	30
49	Non-invasive diagnostics in fossils - Magnetic Resonance Imaging of pathological belemnites. Biogeosciences, 2005, 2, 133-140.	1.3	23
50	Cortex reorganization of <i>Xenopus laevis</i> eggs in strong static magnetic fields. Biomagnetic Research and Technology, 2005, 3, 2.	2.0	10
51	Peer Review – The Newcomers' Perspective. PLoS Biology, 2005, 3, e326.	2.6	19
52	Giving young European students a voice. Nature, 2004, 427, 378-378.	13.7	2
53	Perceptions about postdocs. EMBO Reports, 2004, 5, 1104-1104.	2.0	2
54	Automated dielectric single cell spectroscopy - temperature dependence of electrorotation. Journal Physics D: Applied Physics, 2002, 35, 1258-1270.	1.3	25

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55	The move to open access and growth: experience from Journal of Hymenoptera Research. Journal of Hymenoptera Research, 0, 30, 1-6.	0.8	3
56	Enabling Open Science: Wikidata for Research (Wiki4R). Research Ideas and Outcomes, 0, 1, e7573.	1.0	17
57	FAIR and open multilingual clinical trials in Wikidata and Wikipedia. Research Ideas and Outcomes, 0, 7, .	1.0	3
58	Open science in practice: 300 published research ideas and outcomes illustrate how RIO Journal facilitates engagement with the research process. Research Ideas and Outcomes, 0, 7, .	1.0	3
59	Radical collaboration during a global health emergency: development of the RDA COVID-19 data sharing recommendations and guidelines. Open Research Europe, 0, 1, 69.	2.0	3
60	Developing a scalable framework for partnerships between health agencies and the Wikimedia ecosystem. Research Ideas and Outcomes, 0, 7, .	1.0	1
61	Towards an open, zoomable atlas for invasion science and beyond. NeoBiota, 0, 68, 5-18.	1.0	12
62	Hacking Infrastructures Together: Towards better interoperability of infrastructures. Biodiversity Information Science and Standards, 0, 5, .	0.0	0
63	A multi-disciplinary perspective on emergent and future innovations in peer review. F1000Research, 0, 6, 1151.	0.8	14
64	An open toolkit for tracking open science partnership implementation and impact. Gates Open Research, 0, 3, 1442.	2.0	2
65	Using Crowd-curation to Improve Taxon Annotations on the Wikimedia Infrastructure. Biodiversity Information Science and Standards, 0, 3, .	0.0	2
66	Publishing the research process. Research Ideas and Outcomes, 0, 1, .	1.0	12
67	Data Policy Recommendations for Biodiversity Data. EU BON Project Report. Research Ideas and Outcomes, 0, 2, .	1.0	9
68	Community engagement: The "last mile" challenge for European research e-infrastructures. Research Ideas and Outcomes, 0, 2, e9933.	1.0	6
69	Technical aspects of preprint services in the life sciences: a workshop report. Research Ideas and Outcomes, 0, 3, e11825.	1.0	3
70	Strategies and guidelines for scholarly publishing of biodiversity data. Research Ideas and Outcomes, 0, 3, e12431.	1.0	40
71	Machine-actionable data management plans (maDMPs). Research Ideas and Outcomes, 0, 3, e13086.	1.0	14
72	Robustifying Scholia: paving the way for knowledge discovery and research assessment through Wikidata. Research Ideas and Outcomes, 0, 5, .	1.0	7

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73	Quantifying the Impact of Data Sharing on Outbreak Dynamics (QIDSOD). Research Ideas and Outcomes, 0, 6, .	1.0	4
74	SKG4EOSC - Scholarly Knowledge Graphs for EOSC: Establishing a backbone of knowledge graphs for FAIR Scholarly Information in EOSC. Research Ideas and Outcomes, 0, 8, .	1.0	5
75	Inconsistent XML as a barrier to reuse of Open Access Content. , 0, , .		0
76	The LOTUS initiative for open knowledge management in natural products research. ELife, 0, 11, .	2.8	90