Daniel Mietchen

List of Publications by Year
in descending order

76	1,739	361045	360668
papers	citations	20 h-index	35 g-index

89	89	89	2689
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Untangling syntactic and sensory processing: An ERP study of music perception. Psychophysiology, 2007, 44, 476-490.	1.2	137
2	An Asian Elephant Imitates Human Speech. Current Biology, 2012, 22, 2144-2148.	1.8	134
3	A multi-disciplinary perspective on emergent and future innovations in peer review. F1000Research, 2017, 6, 1151.	0.8	134
4	The LOTUS initiative for open knowledge management in natural products research. ELife, 0, 11, .	2.8	90
5	Wikidata as a knowledge graph for the life sciences. ELife, 2020, 9, .	2.8	76
6	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
7	A multi-disciplinary perspective on emergent and future innovations in peer review. F1000Research, 2017, 6, 1151.	0.8	62
8	Creative Commons licenses and the non-commercial condition: Implications for the re-use of biodiversity information. ZooKeys, 2011, 150, 127-149.	0.5	58
9	Scholia, Scientometrics and Wikidata. Lecture Notes in Computer Science, 2017, , 237-259.	1.0	55
10	A cardiac signature of emotionality. European Journal of Neuroscience, 2007, 26, 3328-3338.	1.2	52
11	Open drug discovery for the Zika virus. F1000Research, 2016, 5, 150.	0.8	50
12	Eupolybothrus cavernicolus KomeriÄki & Stoev sp.Ân. (Chilopoda: Lithobiomorpha: Lithobiidae): the first eukaryotic species description combining transcriptomic, DNA barcoding andÂmicro-CT imaging data. Biodiversity Data Journal, 2013, 1, e1013.	0.4	46
13	Beyond dead trees: integrating the scientific process in the Biodiversity Data Journal. Biodiversity Data Journal, 2013, 1, e995.	0.4	40
14	Strategies and guidelines for scholarly publishing of biodiversity data. Research Ideas and Outcomes, 0, 3, e12431.	1.0	40
15	Effectively incorporating selected multimedia content into medical publications. BMC Medicine, 2011, 9, 17.	2.3	37
16	Subcellular In Vivo 1H MR Spectroscopy of Xenopus laevis Oocytes. Biophysical Journal, 2006, 90, 1797-1803.	0.2	35
17	Ten principles for machine-actionable data management plans. PLoS Computational Biology, 2019, 15, e1006750.	1.5	32
18	Magnetic resonance imaging of the siliceous skeleton of the demosponge Lubomirskia baicalensis. Journal of Structural Biology, 2006, 153, 31-41.	1.3	30

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19	Progress in promoting data sharing in public health emergencies. Bulletin of the World Health Organization, 2017, 95, 243-243.	1.5	26
20	Automated dielectric single cell spectroscopy - temperature dependence of electrorotation. Journal Physics D: Applied Physics, 2002, 35, 1258-1270.	1.3	25
21	Interlinking journal and wiki publications through joint citation:â€‚Working examples from ZooKeys and Plazi on Species-ID. ZooKeys, 2011, 90, 1-12.	0.5	25
22	Applying, Evaluating and Refining Bioinformatics Core Competencies (An Update from the Curriculum) Tj ETQq0 0 0 rgBT /Overlock 10 T	1.5	24
23	Non-invasive diagnostics in fossils - Magnetic Resonance Imaging of pathological belemnites. Biogeosciences, 2005, 2, 133-140.	1.3	23
24	Three-dimensional Magnetic Resonance Imaging of fossils across taxa. Biogeosciences, 2008, 5, 25-41.	1.3	23
25	Topic Pages: PLoS Computational Biology Meets Wikipedia. PLoS Computational Biology, 2012, 8, e1002446.	1.5	23
26	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
27	In vivo magnetic resonance microscopy of differentiation in Xenopus laevis embryos from the first cleavage onwards. Differentiation, 2007, 75, 84-92.	1.0	21
28	Peer Reviewâ€”The Newcomers' Perspective. PLoS Biology, 2005, 3, e326.	2.6	19
29	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
30	Representing COVID-19 information in collaborative knowledge graphs: The case of Wikidata. Semantic Web, 2022, 13, 233-264.	1.1	19
31	Enabling Open Science: Wikidata for Research (Wiki4R). Research Ideas and Outcomes, 0, 1, e7573.	1.0	17
32	Academics can help shape Wikipedia. Science, 2017, 357, 557-558.	6.0	15
33	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
34	Enriched biodiversity data as a resource and service. Biodiversity Data Journal, 2014, 2, e1125.	0.4	15
35	A multi-disciplinary perspective on emergent and future innovations in peer review. F1000Research, 0, 6, 1151.	0.8	14
36	Machine-actionable data management plans (maDMPs). Research Ideas and Outcomes, 0, 3, e13086.	1.0	14

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37	Towards an open, zoomable atlas for invasion science and beyond. NeoBiota, 0, 68, 5-18.	1.0	12
38	Publishing the research process. Research Ideas and Outcomes, 0, 1, .	1.0	12
39	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
40	Cortex reorganization of Xenopus laevis eggs in strong static magnetic fields. Biomagnetic Research and Technology, 2005, 3, 2.	2.0	10
41	The Transformative Nature of Transparency in Research Funding. PLoS Biology, 2014, 12, e1002027.	2.6	10
42	An open toolkit for tracking open science partnership implementation and impact. Gates Open Research, 2019, 3, 1442.	2.0	10
43	Data Policy Recommendations for Biodiversity Data. EU BON Project Report. Research Ideas and Outcomes, 0, 2, .	1.0	9
44	ISCB Computational Biology Wikipedia Competition. PLoS Computational Biology, 2013, 9, e1003242.	1.5	8
45	Submit a Topic Page to PLOS Computational Biology and Wikipedia. PLoS Computational Biology, 2018, 14, e1006137.	1.5	7
46	Robustifying Scholia: paving the way for knowledge discovery and research assessment through Wikidata. Research Ideas and Outcomes, 0, 5, .	1.0	7
47	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
48	Community engagement: The â€˜last mileâ€™ challenge for European research e-infrastructures. Research Ideas and Outcomes, 0, 2, e9933.	1.0	6
49	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
50	Peer reviews: make them public. Nature, 2011, 473, 452-452.	13.7	4
51	Wikis in scholarly publishing*. Information Services and Use, 2011, 31, 53-59.	0.1	4
52	Revolving images and multi-image keysÂopen new horizons in descriptive taxonomy: ZooKeysÂworkingÂexamples. ZooKeys, 2013, 328, 1-3.	0.5	4
53	Developing international open science collaborations: Funder reflections on the Open Science Prize. PLoS Biology, 2017, 15, e2002617.	2.6	4
54	Quantifying the Impact of Data Sharing on Outbreak Dynamics (QIDSOD). Research Ideas and Outcomes, 0, 6, .	1.0	4

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55	Collaborative platforms for streamlining workflows in Open Science. Nature Precedings, 2011, , .	0.1	3
56	The move to open access and growth: experience from Journal of Hymenoptera Research. Journal of Hymenoptera Research, 0, 30, 1-6.	0.8	3
57	Data sharing in public health emergencies. International Journal of Infectious Diseases, 2016, 53, 35-36.	1.5	3
58	FAIR and open multilingual clinical trials in Wikidata and Wikipedia. Research Ideas and Outcomes, 0, 7, .	1.0	3
59	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
60	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
61	Technical aspects of preprint services in the life sciences: a workshop report. Research Ideas and Outcomes, 0, 3, e11825.	1.0	3
62	A Landscape Survey of ActiveDMPs. International Journal of Digital Curation, 2018, 13, 204-214.	0.1	3
63	Giving young European students a voice. Nature, 2004, 427, 378-378.	13.7	2
64	Perceptions about postdocs. EMBO Reports, 2004, 5, 1104-1104.	2.0	2
65	An open toolkit for tracking open science partnership implementation and impact. Gates Open Research, 0, 3, 1442.	2.0	2
66	Using Crowd-curation to Improve Taxon Annotations on the Wikimedia Infrastructure. Biodiversity Information Science and Standards, 0, 3, .	0.0	2
67	Optimizing automated preprocessing streams for brain morphometric comparisons across multiple primate species. Nature Precedings, 2010, , .	0.1	1
68	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
69	Developing a scalable framework for partnerships between health agencies and the Wikimedia ecosystem. Research Ideas and Outcomes, 0, 7, .	1.0	1
70	Optimizing automated preprocessing streams for brain morphometric comparisons across multiple primate species. Nature Precedings, 2010, , .	0.1	0
71	Wikis as platforms for scholarly publishing. Nature Precedings, 2010, , .	0.1	0
72	Wikis in scholarly publishing. Nature Precedings, 2011, , .	0.1	0

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73	Hacking Infrastructures Together: Towards better interoperability of infrastructures. Biodiversity Information Science and Standards, 0, 5, .	0.0	0
74	A formalization of one of the main claims of â€œCortex reorganization of Xenopus laevis eggs in strong static magnetic fieldsâ€•by Mietchen et al. 20051. Data Science, 2022, 5, 21-23.	0.7	0
75	A formalization of one of the main claims of â€œCreative Commons licenses and the non-commercial condition: Implications for the re-use of biodiversity informationâ€•by Hagedorn et al. 20111. Data Science, 2022, 5, 39-42.	0.7	0
76	Inconsistent XML as a barrier to reuse of Open Access Content. , 0, , .		0