

Tobias Kuhn

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

53
papers

4,871
citations

14
h-index

67
g-index

67
ext. papers

7,269
ext. citations

1.9
avg, IF

4.99
L-index

#	Paper	IF	Citations
53	The FAIR Guiding Principles for scientific data management and stewardship. <i>Scientific Data</i> , 2016 , 3, 160018	8.2	4154
52	A Survey and Classification of Controlled Natural Languages. <i>Computational Linguistics</i> , 2014 , 40, 121-170.	8.8	138
51	Attempto Controlled English for Knowledge Representation. <i>Lecture Notes in Computer Science</i> , 2008 , 104-124	0.9	80
50	FAIR Principles: Interpretations and Implementation Considerations. <i>Data Intelligence</i> , 2020 , 2, 10-29	3	66
49	Inheritance Patterns in Citation Networks Reveal Scientific Memes. <i>Physical Review X</i> , 2014 , 4,	9.1	45
48	Evaluating FAIR maturity through a scalable, automated, community-governed framework. <i>Scientific Data</i> , 2019 , 6, 174	8.2	41
47	Decentralized provenance-aware publishing with nanopublications. <i>PeerJ Computer Science</i> , 2018 , 2, e78	2.7	30
46	Broadening the Scope of Nanopublications. <i>Lecture Notes in Computer Science</i> , 2013 , 487-501	0.9	26
45	On Controlled Natural Languages: Properties and Prospects. <i>Lecture Notes in Computer Science</i> , 2010 , 281-289	0.9	22
44	Making Digital Artifacts on the Web Verifiable and Reliable. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2015 , 27, 2390-2400	4.2	18
43	Expressing High-Level Scientific Claims with Formal Semantics 2021 ,		17
42	A Principled Approach to Grammars for Controlled Natural Languages and Predictive Editors. <i>Journal of Logic, Language and Information</i> , 2013 , 22, 33-70	0.7	14
41	A Multilingual Semantic Wiki Based on Attempto Controlled English and Grammatical Framework. <i>Lecture Notes in Computer Science</i> , 2013 , 427-441	0.9	14
40	Nanopublications: A Growing Resource of Provenance-Centric Scientific Linked Data 2018 ,		14
39	Publishing DisGeNET as nanopublications. <i>Semantic Web</i> , 2016 , 7, 519-528	2.4	13
38	The understandability of OWL statements in controlled English. <i>Semantic Web</i> , 2013 , 4, 101-115	2.4	13
37	Easy Web API Development with SPARQL Transformer. <i>Lecture Notes in Computer Science</i> , 2019 , 454-470.	0.9	11

36	Writing Clinical Practice Guidelines in Controlled Natural Language. <i>Lecture Notes in Computer Science</i> , 2010 , 265-280	0.9	11
35	Trusty URIs: Verifiable, Immutable, and Permanent Digital Artifacts for Linked Data. <i>Lecture Notes in Computer Science</i> , 2014 , 395-410	0.9	10
34	AceRules: Executing Rules in Controlled Natural Language 2007 , 299-308		10
33	Genuine semantic publishing. <i>Data Science</i> , 2017 , 1, 139-154	2.2	9
32	Improving Text Mining with Controlled Natural Language: A Case Study for Protein Interactions. <i>Lecture Notes in Computer Science</i> , 2006 , 66-81	0.9	9
31	Mining images in biomedical publications: Detection and analysis of gel diagrams. <i>Journal of Biomedical Semantics</i> , 2014 , 5, 10	2.2	8
30	Provenance-Centered Dataset of Drug-Drug Interactions. <i>Lecture Notes in Computer Science</i> , 2015 , 293-300		7
29	Reliable Granular References to Changing Linked Data. <i>Lecture Notes in Computer Science</i> , 2017 , 436-451	0.9	7
28	Controlled English for Reasoning on the Semantic Web. <i>Lecture Notes in Computer Science</i> , 2009 , 276-308	0.9	7
27	An Evaluation Framework for Controlled Natural Languages. <i>Lecture Notes in Computer Science</i> , 2010 , 1-20	0.9	7
26	A Unified Nanopublication Model for Effective and User-Friendly Access to the Elements of Scientific Publishing. <i>Lecture Notes in Computer Science</i> , 2020 , 104-119	0.9	6
25	Publishing Without Publishers: A Decentralized Approach to Dissemination, Retrieval, and Archiving of Data. <i>Lecture Notes in Computer Science</i> , 2015 , 656-672	0.9	5
24	Science Bots 2015 ,		4
23	Data Science—Methods, infrastructure, and applications. <i>Data Science</i> , 2017 , 1, 1-5	2.2	4
22	Coral: Corpus Access in Controlled Language. <i>Corpora</i> , 2012 , 7, 187-206	0.8	4
21	FAIR Convergence Matrix: Optimizing the Reuse of Existing FAIR-Related Resources. <i>Data Intelligence</i> , 2020 , 2, 158-170	3	4
20	Semantic micro-contributions with decentralized nanopublication services. <i>PeerJ Computer Science</i> , 2021 , 7, e387	2.7	4
19	Reusable FAIR Implementation Profiles as Accelerators of FAIR Convergence. <i>Lecture Notes in Computer Science</i> , 2020 , 138-147	0.9	3

18	Finding and accessing diagrams in biomedical publications 2012 , 2012, 468-74	0.7	3
17	Evaluating FAIR Maturity Through a Scalable, Automated, Community-Governed Framework		3
16	Fully automatic multi-language translation with a catalogue of phrases: successful employment for the Swiss avalanche bulletin. <i>Language Resources and Evaluation</i> , 2017 , 51, 13-35	1.8	2
15	Verifiable source code documentation in controlled natural language. <i>Science of Computer Programming</i> , 2014 , 96, 121-140	1.1	2
14	Collaborative multilingual knowledge management based on controlled natural language. <i>Semantic Web</i> , 2015 , 6, 241-258	2.4	2
13	Reusable FAIR Implementation Profiles as Accelerators of FAIR Convergence		2
12	Decentralized provenance-aware publishing with nanopublications		2
11	A Framework for Citing Nanopublications. <i>Lecture Notes in Computer Science</i> , 2019 , 70-83	0.9	2
10	Evaluating named entity recognition tools for extracting social networks from novels. <i>PeerJ Computer Science</i> , 2019 , 5, e189	2.7	2
9	Evaluating the Fully Automatic Multi-language Translation of the Swiss Avalanche Bulletin. <i>Lecture Notes in Computer Science</i> , 2014 , 44-54	0.9	2
8	Codeco: A Practical Notation for Controlled English Grammars in Predictive Editors. <i>Lecture Notes in Computer Science</i> , 2012 , 95-114	0.9	2
7	Peer Reviewing Revisited 2019 ,		2
6	Towards FAIR protocols and workflows: the OpenPREDICT use case. <i>PeerJ Computer Science</i> , 2020 , 6, e281	2.7	1
5	Nanocitation: Complete and Interoperable Citations of Nanopublications. <i>Communications in Computer and Information Science</i> , 2020 , 182-187	0.3	1
4	The Controlled Natural Language of Randall Munroe's Thing Explainer. <i>Lecture Notes in Computer Science</i> , 2016 , 102-110	0.9	1
3	Perspectives on automated composition of workflows in the life sciences. <i>F1000Research</i> , 2021 , 10, 897	3.6	0
2	Extracting Core Claims from Scientific Articles. <i>Communications in Computer and Information Science</i> , 2017 , 32-46	0.3	
1	Special Issue on Semantic Publishing with Formalization Papers1. <i>Data Science</i> , 2022 , 5, 1-9	2.2	

