Tobias Kuhn

List of Publications by Year in Descending Order

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	Special Issue on Semantic Publishing with Formalization Papers1. *Data Science*, **2022**, 5, 1-9	2.2	
52	Expressing High-Level Scientific Claims with Formal Semantics **2021**,		17
51	Semantic micro-contributions with decentralized nanopublication services. *PeerJ Computer Science*, **2021**, 7, e387	2.7	4
50	Perspectives on automated composition of workflows in the life sciences. *F1000Research*, **2021**, 10, 897	3.6	0
49	FAIR Principles: Interpretations and Implementation Considerations. *Data Intelligence*, **2020**, 2, 10-29	3	66
48	Reusable FAIR Implementation Profiles as Accelerators of FAIR Convergence. *Lecture Notes in Computer Science*, **2020**, 138-147	0.9	3
47	Towards FAIR protocols and workflows: the OpenPREDICT use case. *PeerJ Computer Science*, **2020**, 6, e281	2.7	1
46	Nanocitation: Complete and Interoperable Citations of Nanopublications. *Communications in Computer and Information Science*, **2020**, 182-187	0.3	1
45	A Unified Nanopublication Model for Effective and User-Friendly Access to the Elements of Scientific Publishing. *Lecture Notes in Computer Science*, **2020**, 104-119	0.9	6
44	FAIR Convergence Matrix: Optimizing the Reuse of Existing FAIR-Related Resources. *Data Intelligence*, **2020**, 2, 158-170	3	4
43	Evaluating FAIR maturity through a scalable, automated, community-governed framework. *Scientific Data*, **2019**, 6, 174	8.2	41
42	A Framework for Citing Nanopublications. *Lecture Notes in Computer Science*, **2019**, 70-83	0.9	2
41	Evaluating named entity recognition tools for extracting social networks from novels. *PeerJ Computer Science*, **2019**, 5, e189	2.7	2
40	Easy Web API Development with SPARQL Transformer. *Lecture Notes in Computer Science*, **2019**, 454-470	0.9	11
39	Peer Reviewing Revisited **2019**,		2
38	Nanopublications: A Growing Resource of Provenance-Centric Scientific Linked Data **2018**,		14
37	Fully automatic multi-language translation with a catalogue of phrases: successful employment for the Swiss avalanche bulletin. *Language Resources and Evaluation*, **2017**, 51, 13-35	1.8	2

36	Extracting Core Claims from Scientific Articles. *Communications in Computer and Information Science* , **2017**, 32-46	0.3	
35	Data Science Methods, infrastructure, and applications. *Data Science*, **2017**, 1, 1-5	2.2	4
34	Genuine semantic publishing. *Data Science*, **2017**, 1, 139-154	2.2	9
33	Reliable Granular References to Changing Linked Data. *Lecture Notes in Computer Science*, **2017**, 436-451	0.9	7
32	Publishing DisGeNET as nanopublications. *Semantic Web*, **2016**, 7, 519-528	2.4	13
31	The Controlled Natural Language of Randall Munroe Thing Explainer. *Lecture Notes in Computer Science*, **2016**, 102-110	0.9	1
30	The FAIR Guiding Principles for scientific data management and stewardship. *Scientific Data*, **2016**, 3, 160018	8.2	4154
29	Science Bots **2015**,		4
28	Making Digital Artifacts on the Web Verifiable and Reliable. *IEEE Transactions on Knowledge and Data Engineering*, **2015**, 27, 2390-2400	4.2	18
27	Collaborative multilingual knowledge management based on controlled natural language. *Semantic Web*, **2015**, 6, 241-258	2.4	2
26	Provenance-Centered Dataset of Drug-Drug Interactions. *Lecture Notes in Computer Science*, **2015**, 293-300	0.9	7
25	Publishing Without Publishers: A Decentralized Approach to Dissemination, Retrieval, and Archiving of Data. *Lecture Notes in Computer Science*, **2015**, 656-672	0.9	5
24	Mining images in biomedical publications: Detection and analysis of gel diagrams. *Journal of Biomedical Semantics*, **2014**, 5, 10	2.2	8
23	Verifiable source code documentation in controlled natural language. *Science of Computer Programming*, **2014**, 96, 121-140	1.1	2
22	A Survey and Classification of Controlled Natural Languages. *Computational Linguistics*, **2014**, 40, 121-170	2.8	138
21	Inheritance Patterns in Citation Networks Reveal Scientific Memes. *Physical Review X*, **2014**, 4,	9.1	45
20	Trusty URIs: Verifiable, Immutable, and Permanent Digital Artifacts for Linked Data. *Lecture Notes in Computer Science*, **2014**, 395-410	0.9	10
19	Evaluating the Fully Automatic Multi-language Translation of the Swiss Avalanche Bulletin. *Lecture Notes in Computer Science*, **2014**, 44-54	0.9	2

18	A Principled Approach to Grammars for Controlled Natural Languages and Predictive Editors. *Journal of Logic, Language and Information*, **2013**, 22, 33-70	0.7	14
17	The understandability of OWL statements in controlled English. *Semantic Web*, **2013**, 4, 101-115	2.4	13
16	A Multilingual Semantic Wiki Based on Attempto Controlled English and Grammatical Framework. *Lecture Notes in Computer Science*, **2013**, 427-441	0.9	14
15	Broadening the Scope of Nanopublications. *Lecture Notes in Computer Science*, **2013**, 487-501	0.9	26
14	Finding and accessing diagrams in biomedical publications **2012**, 2012, 468-74	0.7	3
13	Coral: Corpus Access in Controlled Language. *Corpora*, **2012**, 7, 187-206	0.8	4
12	Codeco: A Practical Notation for Controlled English Grammars in Predictive Editors. *Lecture Notes in Computer Science*, **2012**, 95-114	0.9	2
11	An Evaluation Framework for Controlled Natural Languages. *Lecture Notes in Computer Science*, **2010**, 1-20	0.9	7
10	Writing Clinical Practice Guidelines in Controlled Natural Language. *Lecture Notes in Computer Science*, **2010**, 265-280	0.9	11
9	On Controlled Natural Languages: Properties and Prospects. *Lecture Notes in Computer Science*, **2010**, 281-289	0.9	22
8	Controlled English for Reasoning on the Semantic Web. *Lecture Notes in Computer Science*, **2009**, 276-308	0.9	7
7	Attempto Controlled English for Knowledge Representation. *Lecture Notes in Computer Science*, **2008**, 104-124	0.9	80
6	AceRules: Executing Rules in Controlled Natural Language **2007**, 299-308		10
5	Improving Text Mining with Controlled Natural Language: A Case Study for Protein Interactions. *Lecture Notes in Computer Science*, **2006**, 66-81	0.9	9
4	Reusable FAIR Implementation Profiles as Accelerators of FAIR Convergence		2
3	Decentralized provenance-aware publishing with nanopublications		2
2	Decentralized provenance-aware publishing with nanopublications. *PeerJ Computer Science*,2, e78	2.7	30
1	Evaluating FAIR Maturity Through a Scalable, Automated, Community-Governed Framework		3