Tobias Kuhn

List of Publications by Year
in descending order

55 papers	9,810 citations	566801 15 h-index	233125 45 g-index
67 all docs	67 docs citations	67 times ranked	20696 citing authors

#	Article	IF	Citations
1	The FAIR Guiding Principles for scientific data management and stewardship. Scientific Data, 2016, 3, 160018.	2.4	8,670
2	A Survey and Classification of Controlled Natural Languages. Computational Linguistics, 2014, 40, 121-170.	2.5	206
3	FAIR Principles: Interpretations and Implementation Considerations. Data Intelligence, 2020, 2, 10-29.	0.8	149
4	Attempto Controlled English for Knowledge Representation. Lecture Notes in Computer Science, 2008, , 104-124.	1.0	109
5	Evaluating FAIR maturity through a scalable, automated, community-governed framework. Scientific Data, 2019, 6, 174.	2.4	82
6	Inheritance Patterns in Citation Networks Reveal Scientific Memes. Physical Review X, 2014, 4, .	2.8	55
7	Decentralized provenance-aware publishing with nanopublications. PeerJ Computer Science, 0, 2, e78.	2.7	45
8	Broadening the Scope of Nanopublications. Lecture Notes in Computer Science, 2013, , 487-501.	1.0	31
9	On Controlled Natural Languages: Properties and Prospects. Lecture Notes in Computer Science, 2010, , 281-289.	1.0	29
10	Making Digital Artifacts on the Web Verifiable and Reliable. IEEE Transactions on Knowledge and Data Engineering, 2015, 27, 2390-2400.	4.0	24
11	A Multilingual Semantic Wiki Based on Attempto Controlled English and Grammatical Framework. Lecture Notes in Computer Science, 2013, , 427-441.	1.0	24
12	Nanopublications: A Growing Resource of Provenance-Centric Scientific Linked Data. , 2018, , .		21
13	Expressing High-Level Scientific Claims with Formal Semantics. , 2021, , .		20
14	A Principled Approach to Grammars for Controlled Natural Languages and Predictive Editors. Journal of Logic, Language and Information, 2013, 22, 33-70.	0.4	18
15	The understandability of OWL statements in controlled English. Semantic Web, 2013, 4, 101-115.	1.1	18
16	Publishing DisGeNET as nanopublications. Semantic Web, 2016, 7, 519-528.	1.1	18
17	Trusty URIs: Verifiable, Immutable, and Permanent Digital Artifacts for Linked Data. Lecture Notes in Computer Science, 2014, , 395-410.	1.0	17
18	Writing Clinical Practice Guidelines in Controlled Natural Language. Lecture Notes in Computer Science, 2010, , 265-280.	1.0	15

#	ARTICLE	IF	CITATIONS
19	Reusable FAIR Implementation Profiles as Accelerators of FAIR Convergence. Lecture Notes in Computer Science, 2020, , 138-147.	1.0	15
20	Genuine semantic publishing. Data Science, 2017, 1, 139-154.	0.7	14
21	Semantic micro-contributions with decentralized nanopublication services. PeerJ Computer Science, 2021, 7, e387.	2.7	13
22	Easy Web API Development with SPARQL Transformer. Lecture Notes in Computer Science, 2019, , 454-470.	1.0	13
23	AceRules: Executing Rules in Controlled Natural Language. , 2007, , 299-308.		13
24	Improving Text Mining with Controlled Natural Language: A Case Study for Protein Interactions. Lecture Notes in Computer Science, 2006, , 66-81.	1.0	12
25	An Evaluation Framework for Controlled Natural Languages. Lecture Notes in Computer Science, 2010, , 1-20.	1.0	11
26	Mining images in biomedical publications: Detection and analysis of gel diagrams. Journal of Biomedical Semantics, 2014, 5, 10.	0.9	10
27	FAIR Convergence Matrix: Optimizing the Reuse of Existing FAIR-Related Resources. Data Intelligence, 2020, 2, 158-170.	0.8	10
28	Reliable Granular References to Changing Linked Data. Lecture Notes in Computer Science, 2017, , 436-451.	1.0	10
29	Towards FAIR protocols and workflows: the OpenPREDICT use case. PeerJ Computer Science, 2020, 6, e281.	2.7	10
30	Controlled English for Reasoning on the Semantic Web. Lecture Notes in Computer Science, 2009, , 276-308.	1.0	9
31	Data Scienceâ€" Methods, infrastructure, and applications. Data Science, 2017, 1, 1-5.	0.7	8
32	Perspectives on automated composition of workflows in the life sciences. F1000Research, 2021, 10, 897.	0.8	7
33	A Unified Nanopublication Model for Effective and User-Friendly Access to the Elements of Scientific Publishing. Lecture Notes in Computer Science, 2020, , 104-119.	1.0	7
34	Provenance-Centered Dataset of Drug-Drug Interactions. Lecture Notes in Computer Science, 2015, , 293-300.	1.0	7
35	Publishing Without Publishers: A Decentralized Approach to Dissemination, Retrieval, and Archiving of Data. Lecture Notes in Computer Science, 2015, , 656-672.	1.0	7
36	Evaluating named entity recognition tools for extracting social networks from novels. PeerJ Computer Science, 2019, 5, e189.	2.7	7

#	Article	IF	Citations
37	Representing Physician Suicide Claims as Nanopublications: Proof-of-Concept Study Creating Claim Networks. Jmirx Med, 2022, 3, e34979.	0.2	7
38	Coral: Corpus Access in Controlled Language. Corpora, 2012, 7, 187-206.	0.4	6
39	Collaborative multilingual knowledge management based on controlled natural language. Semantic Web, 2015, 6, 241-258.	1.1	5
40	Codeco: A Practical Notation for Controlled English Grammars in Predictive Editors. Lecture Notes in Computer Science, 2012, , 95-114.	1.0	5
41	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
42	Verifiable source code documentation in controlled natural language. Science of Computer Programming, 2014, 96, 121-140.	1.5	4
43	Science Bots. , 2015, , .		4
44	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	3
45	A Framework for Citing Nanopublications. Lecture Notes in Computer Science, 2019, , 70-83.	1.0	3
46	Finding and accessing diagrams in biomedical publications. AMIA ... Annual Symposium proceedings, 2012, 2012, 468-74.	0.2	3
47	Living Literature Reviews. , 2021, , .		3
48	User-friendly Composition of FAIR Workflows in a Notebook Environment. , 2021, , .		3
49	Peer Reviewing Revisited. , 2019, , .		2
50	Evaluating the Fully Automatic Multi-language Translation of the Swiss Avalanche Bulletin. Lecture Notes in Computer Science, 2014, , 44-54.	1.0	2
51	LRE journal CNL introduction. Language Resources and Evaluation, 2017, 51, 9-11.	1.8	1
52	The Controlled Natural Language of Randall Munroe's Thing Explainer. Lecture Notes in Computer Science, 2016, , 102-110.	1.0	1
53	Extracting Core Claims from Scientific Articles. Communications in Computer and Information Science, 2017, , 32-46.	0.4	0
54	Special Issue on Semantic Publishing with Formalization Papers1. Data Science, 2022, 5, 1-9.	0.7	0

#	ARTICLE	IF	CITATIONS
55	Authors' Response to Peer Reviews of "Representing Physician Suicide Claims as Nanopublications: Proof-of-Concept Study Creating Claim Networks" Jmirx Med, 2022, 3, e40158.	0.2	0