

Timothy Clark

List of Publications by Year in descending order

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52
papers

11,848
citations

172457

29
h-index

197818

49
g-index

71
all docs

71
docs citations

71
times ranked

23969
citing authors

#	ARTICLE	IF	CITATIONS
1	FAIRSCAPE: a Framework for FAIR and Reproducible Biomedical Analytics. <i>Neuroinformatics</i> , 2022, 20, 187-202.	2.8	4
2	Discovery of signatures of fatal neonatal illness in vital signs using highly comparative time-series analysis. <i>Npj Digital Medicine</i> , 2022, 5, 6.	10.9	9
3	Evidence Graphs: Supporting Transparent and FAIR Computation, with Defeasible Reasoning on Data, Methods, and Results. <i>Lecture Notes in Computer Science</i> , 2021, , 39-50.	1.3	1
4	FAIR Data Reuse – the Path through Data Citation. <i>Data Intelligence</i> , 2020, 2, 78-86.	1.5	33
5	Unique, Persistent, Resolvable: Identifiers as the Foundation of FAIR. <i>Data Intelligence</i> , 2020, 2, 30-39.	1.5	25
6	Recognizing the value of software: a software citation guide. <i>F1000Research</i> , 2020, 9, 1257.	1.6	23
7	The importance of software citation. <i>F1000Research</i> , 2020, 9, 1257.	1.6	8
8	A data citation roadmap for scholarly data repositories. <i>Scientific Data</i> , 2019, 6, 28.	5.3	59
9	Novel methods for integration and visualization of genomics and genetics data in Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2019, 15, 788-798.	0.8	18
10	Tau induces blood vessel abnormalities and angiogenesis-related gene expression in P301L transgenic mice and human Alzheimer's disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E1289-E1298.	7.1	224
11	Sample Size for Biosimilar Trials: In Defense of Synthesis. <i>Therapeutic Innovation and Regulatory Science</i> , 2018, 52, 300-305.	1.6	4
12	Analysis of extracellular mRNA in human urine reveals splice variant biomarkers of muscular dystrophies. <i>Nature Communications</i> , 2018, 9, 3906.	12.8	38
13	Cross-sectional analysis of UK research studies in 2015: results from a scoping project with the UK Health Research Authority. <i>BMJ Open</i> , 2018, 8, e022340.	1.9	2
14	Uniform resolution of compact identifiers for biomedical data. <i>Scientific Data</i> , 2018, 5, 180029.	5.3	50
15	Neuronal calcineurin transcriptional targets parallel changes observed in Alzheimer disease brain. <i>Journal of Neurochemistry</i> , 2018, 147, 24-39.	3.9	14
16	A data citation roadmap for scientific publishers. <i>Scientific Data</i> , 2018, 5, 180259.	5.3	90
17	The FAIR Guiding Principles for scientific data management and stewardship. <i>Scientific Data</i> , 2016, 3, 160018.	5.3	8,670
18	Crowdsourced estimation of cognitive decline and resilience in Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2016, 12, 645-653.	0.8	72

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19	Achieving human and machine accessibility of cited data in scholarly publications. PeerJ Computer Science, 2015, 1, e1.	4.5	89
20	Pain Research Forum: application of scientific social media frameworks in neuroscience. Frontiers in Neuroinformatics, 2014, 8, 21.	2.5	9
21	Next Generation Scientific Publishing and the Web of Data. Semantic Web, 2014, 5, 257-259.	1.9	4
22	Micropublications: a semantic model for claims, evidence, arguments and annotations in biomedical communications. Journal of Biomedical Semantics, 2014, 5, 28.	1.6	77
23	Semantic Web repositories for genomics data using the eXframe platform. Journal of Biomedical Semantics, 2014, 5, S3.	1.6	6
24	CiTO + SWAN: The web semantics of bibliographic records, citations, evidence and discourse relationships. Semantic Web, 2014, 5, 295-311.	1.9	6
25	PAV ontology: provenance, authoring and versioning. Journal of Biomedical Semantics, 2013, 4, 37.	1.6	64
26	Web Annotation as a First-Class Object. IEEE Internet Computing, 2013, 17, 71-75.	3.3	14
27	Sample size determinations in original research protocols for randomised clinical trials submitted to UK research ethics committees: review. BMJ, The, 2013, 346, f1135-f1135.	6.0	49
28	Genome-Wide Increase in Histone H2A Ubiquitylation in a Mouse Model of Huntington's Disease. Journal of Huntington's Disease, 2013, 2, 263-277.	1.9	11
29	Collaborative and Distributed Biomedical Applications. , 2013, , 438-439.		0
30	World Wide Web. , 2013, , 2356-2361.		0
31	Toward interoperable bioscience data. Nature Genetics, 2012, 44, 121-126.	21.4	362
32	Open semantic annotation of scientific publications using DOMEQ. Journal of Biomedical Semantics, 2012, 3, S1.	1.6	30
33	Genome-Wide Histone Acetylation Is Altered in a Transgenic Mouse Model of Huntington's Disease. PLoS ONE, 2012, 7, e41423.	2.5	80
34	The Translational Medicine Ontology and Knowledge Base: driving personalized medicine by bridging the gap between bench and bedside. Journal of Biomedical Semantics, 2011, 2, S1.	1.6	68
35	An open annotation ontology for science on web 3.0. Journal of Biomedical Semantics, 2011, 2, S4.	1.6	93
36	Building biomedical web communities using a semantically aware content management system. Briefings in Bioinformatics, 2009, 10, 129-138.	6.5	21

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37	Produce and Consume Linked Data with Drupal!. Lecture Notes in Computer Science, 2009, , 763-778.	1.3	65
38	The SWAN biomedical discourse ontology. Journal of Biomedical Informatics, 2008, 41, 739-751.	4.3	113
39	Huntingtin Modulates Transcription, Occupies Gene Promoters<i>In Vivo</i>, and Binds Directly to DNA in a Polyglutamine-Dependent Manner. Journal of Neuroscience, 2008, 28, 10720-10733.	3.6	179
40	Alzforum and SWAN: the present and future of scientific web communities. Briefings in Bioinformatics, 2007, 8, 163-171.	6.5	54
41	Histones associated with downregulated genes are hypo-acetylated in Huntington's disease models. Human Molecular Genetics, 2007, 16, 1293-1306.	2.9	203
42	Knowledge Integration in Biomedicine: Technology and Community. Briefings in Bioinformatics, 2007, 8, E1-E3.	6.5	6
43	Advancing translational research with the Semantic Web. BMC Bioinformatics, 2007, 8, S2.	2.6	214
44	AlzPharm: integration of neurodegeneration data using RDF. BMC Bioinformatics, 2007, 8, S4.	2.6	38
45	Effects of gender on nigral gene expression and parkinson disease. Neurobiology of Disease, 2007, 26, 606-614.	4.4	206
46	Alzforum. Methods in Molecular Biology, 2007, 401, 365-381.	0.9	40
47	SWAN: A distributed knowledge infrastructure for Alzheimer disease research. Web Semantics, 2006, 4, 222-228.	2.9	38
48	Globally distributed object identification for biological knowledgebases. Briefings in Bioinformatics, 2004, 5, 59-70.	6.5	124
49	Computational knowledge integration in biopharmaceutical research. Briefings in Bioinformatics, 2003, 4, 260-278.	6.5	37
50	Editorial: Identity and interoperability in bioinformatics. Briefings in Bioinformatics, 2003, 4, 4-6.	6.5	8
51	Recent Applications of Web Semantics in eLifeScience. SSRN Electronic Journal, 0, , .	0.4	0
52	Interoperability and FAIRness through a novel combination of Web technologies. PeerJ Computer Science, 0, 3, e110.	4.5	58