

# Timothy Clark

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9125407/publications.pdf>

Version: 2024-02-01

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	The FAIR Guiding Principles for scientific data management and stewardship. <i>Scientific Data</i> , 2016, 3, 160018.	5.3	8,670
2	Toward interoperable bioscience data. <i>Nature Genetics</i> , 2012, 44, 121-126.	21.4	362
3	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
4	Advancing translational research with the Semantic Web. <i>BMC Bioinformatics</i> , 2007, 8, S2.	2.6	214
5	Effects of gender on nigral gene expression and parkinson disease. <i>Neurobiology of Disease</i> , 2007, 26, 606-614.	4.4	206
6	Histones associated with downregulated genes are hypo-acetylated in Huntington's disease models. <i>Human Molecular Genetics</i> , 2007, 16, 1293-1306.	2.9	203
7	Huntingtin Modulates Transcription, Occupies Gene Promoters <i>In Vivo</i> , and Binds Directly to DNA in a Polyglutamine-Dependent Manner. <i>Journal of Neuroscience</i> , 2008, 28, 10720-10733.	3.6	179
8	Globally distributed object identification for biological knowledgebases. <i>Briefings in Bioinformatics</i> , 2004, 5, 59-70.	6.5	124
9	The SWAN biomedical discourse ontology. <i>Journal of Biomedical Informatics</i> , 2008, 41, 739-751.	4.3	113
10	An open annotation ontology for science on web 3.0. <i>Journal of Biomedical Semantics</i> , 2011, 2, S4.	1.6	93
11	A data citation roadmap for scientific publishers. <i>Scientific Data</i> , 2018, 5, 180259.	5.3	90
12	Achieving human and machine accessibility of cited data in scholarly publications. <i>PeerJ Computer Science</i> , 2015, 1, e1.	4.5	89
13	Genome-Wide Histone Acetylation Is Altered in a Transgenic Mouse Model of Huntington's Disease. <i>PLoS ONE</i> , 2012, 7, e41423.	2.5	80
14	Micropublications: a semantic model for claims, evidence, arguments and annotations in biomedical communications. <i>Journal of Biomedical Semantics</i> , 2014, 5, 28.	1.6	77
15	Crowdsourced estimation of cognitive decline and resilience in Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2016, 12, 645-653.	0.8	72
16	The Translational Medicine Ontology and Knowledge Base: driving personalized medicine by bridging the gap between bench and bedside. <i>Journal of Biomedical Semantics</i> , 2011, 2, S1.	1.6	68
17	Produce and Consume Linked Data with Drupal!. <i>Lecture Notes in Computer Science</i> , 2009, , 763-778.	1.3	65
18	PAV ontology: provenance, authoring and versioning. <i>Journal of Biomedical Semantics</i> , 2013, 4, 37.	1.6	64

#	ARTICLE	IF	CITATIONS
19	A data citation roadmap for scholarly data repositories. <i>Scientific Data</i> , 2019, 6, 28.	5.3	59
20	Interoperability and FAIRness through a novel combination of Web technologies. <i>PeerJ Computer Science</i> , 0, 3, e110.	4.5	58
21	Alzforum and SWAN: the present and future of scientific web communities. <i>Briefings in Bioinformatics</i> , 2007, 8, 163-171.	6.5	54
22	Uniform resolution of compact identifiers for biomedical data. <i>Scientific Data</i> , 2018, 5, 180029.	5.3	50
23	Sample size determinations in original research protocols for randomised clinical trials submitted to UK research ethics committees: review. <i>BMJ</i> , The, 2013, 346, f1135-f1135.	6.0	49
24	Alzforum. <i>Methods in Molecular Biology</i> , 2007, 401, 365-381.	0.9	40
25	SWAN: A distributed knowledge infrastructure for Alzheimer disease research. <i>Web Semantics</i> , 2006, 4, 222-228.	2.9	38
26	AlzPharm: integration of neurodegeneration data using RDF. <i>BMC Bioinformatics</i> , 2007, 8, S4.	2.6	38
27	Analysis of extracellular mRNA in human urine reveals splice variant biomarkers of muscular dystrophies. <i>Nature Communications</i> , 2018, 9, 3906.	12.8	38
28	Computational knowledge integration in biopharmaceutical research. <i>Briefings in Bioinformatics</i> , 2003, 4, 260-278.	6.5	37
29	FAIR Data Reuse – the Path through Data Citation. <i>Data Intelligence</i> , 2020, 2, 78-86.	1.5	33
30	Open semantic annotation of scientific publications using DOMEQ. <i>Journal of Biomedical Semantics</i> , 2012, 3, S1.	1.6	30
31	Unique, Persistent, Resolvable: Identifiers as the Foundation of FAIR. <i>Data Intelligence</i> , 2020, 2, 30-39.	1.5	25
32	Recognizing the value of software: a software citation guide. <i>F1000Research</i> , 2020, 9, 1257.	1.6	23
33	Building biomedical web communities using a semantically aware content management system. <i>Briefings in Bioinformatics</i> , 2009, 10, 129-138.	6.5	21
34	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
35	Web Annotation as a First-Class Object. <i>IEEE Internet Computing</i> , 2013, 17, 71-75.	3.3	14
36	Neuronal calcineurin transcriptional targets parallel changes observed in Alzheimer disease brain. <i>Journal of Neurochemistry</i> , 2018, 147, 24-39.	3.9	14

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37	Genome-Wide Increase in Histone H2A Ubiquitylation in a Mouse Model of Huntington's Disease. <i>Journal of Huntington's Disease</i> , 2013, 2, 263-277.	1.9	11
38	Pain Research Forum: application of scientific social media frameworks in neuroscience. <i>Frontiers in Neuroinformatics</i> , 2014, 8, 21.	2.5	9
39	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
40	Editorial: Identity and interoperability in bioinformatics. <i>Briefings in Bioinformatics</i> , 2003, 4, 4-6.	6.5	8
41	The importance of software citation. <i>F1000Research</i> , 2020, 9, 1257.	1.6	8
42	Knowledge Integration in Biomedicine: Technology and Community. <i>Briefings in Bioinformatics</i> , 2007, 8, E1-E3.	6.5	6
43	Semantic Web repositories for genomics data using the eXframe platform. <i>Journal of Biomedical Semantics</i> , 2014, 5, S3.	1.6	6
44	CiTO + SWAN: The web semantics of bibliographic records, citations, evidence and discourse relationships. <i>Semantic Web</i> , 2014, 5, 295-311.	1.9	6
45	Next Generation Scientific Publishing and the Web of Data. <i>Semantic Web</i> , 2014, 5, 257-259.	1.9	4
46	Sample Size for Biosimilar Trials: In Defense of Synthesis. <i>Therapeutic Innovation and Regulatory Science</i> , 2018, 52, 300-305.	1.6	4
47	FAIRSCAPE: a Framework for FAIR and Reproducible Biomedical Analytics. <i>Neuroinformatics</i> , 2022, 20, 187-202.	2.8	4
48	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
49	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
50	Recent Applications of Web Semantics in eLifeScience. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
51	Collaborative and Distributed Biomedical Applications. , 2013, , 438-439.		0
52	World Wide Web. , 2013, , 2356-2361.		0