

David M Shotton

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/242223/publications.pdf>

Version: 2024-02-01

58
papers

3,094
citations

236612

25
h-index

189595

50
g-index

58
all docs

58
docs citations

58
times ranked

2095
citing authors

#	ARTICLE	IF	CITATIONS
1	The molecular structure of human erythrocyte spectrin. <i>Journal of Molecular Biology</i> , 1979, 131, 303-329.	2.0	543
2	Confocal scanning optical microscopy and its applications for biological specimens. <i>Journal of Cell Science</i> , 1989, 94, 175-206.	1.2	310
3	Intramembrane particle aggregation in erythrocyte ghosts. II. The influence of spectrin aggregation. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1976, 426, 101-122.	1.4	288
4	Muscular dystrophy in the mdx mouse: Histopathology of the soleus and extensor digitorum longus muscles. <i>Journal of the Neurological Sciences</i> , 1987, 80, 39-54.	0.3	262
5	[7] Elastase. <i>Methods in Enzymology</i> , 1970, 19, 113-140.	0.4	147
6	FaBiO and CiTO: Ontologies for describing bibliographic resources and citations. <i>Web Semantics</i> , 2012, 17, 33-43.	2.2	136
7	Adventures in Semantic Publishing: Exemplar Semantic Enhancements of a Research Article. <i>PLoS Computational Biology</i> , 2009, 5, e1000361.	1.5	124
8	Semantic publishing: the coming revolution in scientific journal publishing. <i>Learned Publishing</i> , 2009, 22, 85-94.	0.8	119
9	Confocal scanning microscopy: three-dimensional biological imaging. <i>Trends in Biochemical Sciences</i> , 1989, 14, 435-439.	3.7	104
10	CiTO, the Citation Typing Ontology. <i>Journal of Biomedical Semantics</i> , 2010, 1, S6.	0.9	98
11	OpenCitations, an infrastructure organization for open scholarship. <i>Quantitative Science Studies</i> , 2020, 1, 428-444.	1.6	82
12	Electronic light microscopy: present capabilities and future prospects. <i>Histochemistry and Cell Biology</i> , 1995, 104, 97-137.	0.8	59
13	Software review: COCI, the OpenCitations Index of Crossref open DOI-to-DOI citations. <i>Scientometrics</i> , 2019, 121, 1213-1228.	1.6	50
14	The Document Components Ontology (DoCO). <i>Semantic Web</i> , 2016, 7, 167-181.	1.1	46
15	The SPAR Ontologies. <i>Lecture Notes in Computer Science</i> , 2018, , 119-136.	1.0	44
16	Publishing: Open citations. <i>Nature</i> , 2013, 502, 295-297.	13.7	43
17	The shape of spectrin molecules from human erythrocyte membranes. <i>Biochimica Et Biophysica Acta (BBA) - Protein Structure</i> , 1978, 536, 313-317.	1.7	41
18	Setting our bibliographic references free: towards open citation data. <i>Journal of Documentation</i> , 2015, 71, 253-277.	0.9	40

#	ARTICLE	IF	CITATIONS
19	Modelling OWL Ontologies with Graffoo. Lecture Notes in Computer Science, 2014, , 320-325.	1.0	36
20	FlyTED: the Drosophila Testis Gene Expression Database. Nucleic Acids Research, 2010, 38, D710-D715.	6.5	34
21	Quantitative freeze-fracture electron microscopy of dystrophic muscle membranes. Journal of the Neurological Sciences, 1982, 57, 161-190.	0.3	33
22	Linked data and provenance in biological data webs. Briefings in Bioinformatics, 2009, 10, 139-152.	3.2	32
23	Meeting Report from the Second "Minimum Information for Biological and Biomedical Investigations" (MIBBI) workshop. Standards in Genomic Sciences, 2010, 3, 259-266.	1.5	32
24	Crystalline porcine pancreatic elastase. Journal of Molecular Biology, 1968, 32, 155-IN8.	2.0	29
25	Freeze-fracture view of membrane fusion. Nature, 1978, 272, 16-17.	13.7	27
26	One Year of the OpenCitations Corpus. Lecture Notes in Computer Science, 2017, , 184-192.	1.0	26
27	Structural analysis of the CD5 antigen. Expression, disulphide bond analysis and physical characterisation of CD5 scavenger receptor superfamily domain 1. FEBS Journal, 1998, 257, 131-141.	0.2	25
28	Scholarly publishing and linked data. , 2012, , .		25
29	Erythrocyte membrane skeleton abnormalities in hereditary spherocytosis. British Journal of Haematology, 1983, 54, 173-187.	1.2	23
30	Video on the Internet: An Introduction to the Digital Encoding, Compression, and Transmission of Moving Image Data. Journal of Structural Biology, 1999, 125, 133-155.	1.3	22
31	OpenFlyData: An exemplar data web integrating gene expression data on the fruit fly Drosophila melanogaster. Journal of Biomedical Informatics, 2010, 43, 752-761.	2.5	22
32	Tools for the Automatic Generation of Ontology Documentation. International Journal on Semantic Web and Information Systems, 2013, 9, 21-44.	2.2	21
33	The Five Stars of Online Journal Articles - a Framework for Article Evaluation. D-Lib Magazine, 2012, 18, .	0.5	18
34	Quick-freezing " the new frontier in freeze-fracture. Nature, 1980, 283, 12-14.	13.7	17
35	The Publishing Workflow Ontology (PWO). Semantic Web, 2017, 8, 703-718.	1.1	17
36	Issues in learning an ontology from text. BMC Bioinformatics, 2009, 10, S1.	1.2	11

#	ARTICLE	IF	CITATIONS
37	CLAROS - Bringing Classical Art to a Global Public. , 2009, , .		10
38	Faceted documents. , 2012, , .		10
39	Recognising document components in XML-based academic articles. , 2013, , .		10
40	Enabling text search on SPARQL endpoints through OSCAR. Data Science, 2019, 2, 205-227.	0.7	8
41	The OpenCitations Data Model. Lecture Notes in Computer Science, 2020, , 447-463.	1.0	8
42	Isolation and initial biochemical characterisation of caps of two major rat thymocyte glycoproteins: Evidence for the involvement of a 205 K Con A binding protein and cytoskeletal components in capping. Cytoskeleton, 1987, 8, 37-43.	4.4	7
43	Ultrastructural identification of type 1 fibres in human skeletal muscle. Journal of the Neurological Sciences, 1988, 83, 93-108.	0.3	6
44	CiTO + SWAN: The web semantics of bibliographic records, citations, evidence and discourse relationships. Semantic Web, 2014, 5, 295-311.	1.1	6
45	Creating RESTful APIs over SPARQL endpoints using RAMOSE. Semantic Web, 2022, 13, 195-213.	1.1	6
46	OpenFlyData: The Way to Go for Biological Data Integration. Lecture Notes in Computer Science, 2009, , 47-54.	1.0	6
47	Quantitative freeze?fracture studies of membrane changes in chicken muscular dystrophy. Muscle and Nerve, 1986, 9, 501-514.	1.0	5
48	Building a Semantic Web Image Repository for Biological Research Images. , 2008, , 154-169.		5
49	VIDOS, a system for video editing and format conversion over the Internet. Computer Networks, 2000, 34, 931-944.	3.2	4
50	FaBIO and CiTO: Ontologies for Describing Bibliographic Resources and Citations. SSRN Electronic Journal, 2012, , .	0.4	4
51	OSCAR: A Customisable Tool for Free-Text Search over SPARQL Endpoints. Lecture Notes in Computer Science, 2018, , 121-137.	1.0	4
52	Illustration: database pictures tell a true story. Nature, 2003, 422, 374-374.	18.7	3
53	Tools for the Automatic Generation of Ontology Documentation. , 0, , 839-865.		2
54	Strukturmerkmale einer Enzymfamilie. Chemie in Unserer Zeit, 1971, 5, 1-7.	0.1	1

#	ARTICLE	IF	CITATIONS
55	Freeze-Etch Studies of Membrane Proteins: A Review. Biochemical Society Transactions, 1978, 6, 38-40.	1.6	1
56	Cytotoxic T lymphocytes can induce a condemned state and synchronous post-mitotic apoptosis of daughter target cells. European Journal of Immunology, 1999, 29, 1793-1802.	1.6	1
57	3.1 Data Webs for Image Repositories. , 2010, , 98-101.		1
58	Title is missing!. TrAC - Trends in Analytical Chemistry, 1983, 2, xiv.	5.8	0