

Mark J Daley

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5717046/publications.pdf>

Version: 2024-02-01

72
papers

863
citations

686830

13
h-index

752256

20
g-index

78
all docs

78
docs citations

78
times ranked

1233
citing authors

#	ARTICLE	IF	CITATIONS
1	Endothelial Injury and Glycocalyx Degradation in Critically Ill Coronavirus Disease 2019 Patients: Implications for Microvascular Platelet Aggregation. , 2020, 2, e0194.		99
2	Metabolomics Profiling of Critically Ill Coronavirus Disease 2019 Patients: Identification of Diagnostic and Prognostic Biomarkers. , 2020, 2, e0272.		92
3	Inflammation Profiling of Critically Ill Coronavirus Disease 2019 Patients. , 2020, 2, e0144.		69
4	Genomic copy number variation in <i>Mus musculus</i> . <i>BMC Genomics</i> , 2015, 16, 497.	1.2	46
5	Novel Outcome Biomarkers Identified With Targeted Proteomic Analyses of Plasma From Critically Ill Coronavirus Disease 2019 Patients. , 2020, 2, e0189.		44
6	Metabolomics profiling of concussion in adolescent male hockey players: a novel diagnostic method. <i>Metabolomics</i> , 2016, 12, 1.	1.4	43
7	Transcriptional profiling of leukocytes in critically ill COVID19 patients: implications for interferon response and coagulation. <i>Intensive Care Medicine Experimental</i> , 2020, 8, 75.	0.9	37
8	Closure and decidability properties of some language classes with respect to ciliate bio-operations. <i>Theoretical Computer Science</i> , 2003, 306, 19-38.	0.5	31
9	Repetitive mild traumatic brain injury in mice triggers a slowly developing cascade of long-term and persistent behavioral deficits and pathological changes. <i>Acta Neuropathologica Communications</i> , 2021, 9, 60.	2.4	31
10	AI's gonna have an impact on everything in society, so it has to have an impact on public health: a fundamental qualitative descriptive study of the implications of artificial intelligence for public health. <i>BMC Public Health</i> , 2021, 21, 40.	1.2	28
11	Regulated RNA rewriting: Modelling RNA editing with guided insertion. <i>Theoretical Computer Science</i> , 2007, 387, 103-112.	0.5	27
12	Template-guided DNA recombination. <i>Theoretical Computer Science</i> , 2005, 330, 237-250.	0.5	22
13	DNA Computing: Models and Implementations. <i>Comments on Theoretical Biology</i> , 2002, 7, 177-198.	0.6	18
14	Case Report: Inflammation and Endothelial Injury Profiling of COVID-19 Pediatric Multisystem Inflammatory Syndrome (MIS-C). <i>Frontiers in Pediatrics</i> , 2021, 9, 597926.	0.9	15
15	Families of languages defined by ciliate bio-operations. <i>Theoretical Computer Science</i> , 2004, 320, 51-69.	0.5	14
16	One-reversal counter machines and multihead automata: Revisited. <i>Theoretical Computer Science</i> , 2012, 454, 81-87.	0.5	13
17	HD-CNV: hotspot detector for copy number variants. <i>Bioinformatics</i> , 2013, 29, 262-263.	1.8	13
18	Gene co-citation networks associated with worker sterility in honey bees. <i>BMC Systems Biology</i> , 2014, 8, 38.	3.0	12

#	ARTICLE	IF	CITATIONS
19	Structure and function of gene regulatory networks associated with worker sterility in honeybees. <i>Ecology and Evolution</i> , 2016, 6, 1692-1701.	0.8	12
20	Some Properties of Ciliate Bio-operations. <i>Lecture Notes in Computer Science</i> , 2003, , 116-127.	1.0	12
21	A selective impairment of perception of sound motion direction in peripheral space: A case study. <i>Neuropsychologia</i> , 2016, 80, 79-89.	0.7	11
22	Useful Templates and Iterated Template-Guided DNA Recombination in Ciliates. <i>Theory of Computing Systems</i> , 2006, 39, 619-633.	0.7	10
23	Neural network models of the tactile system develop first-order units with spatially complex receptive fields. <i>PLoS ONE</i> , 2018, 13, e0199196.	1.1	9
24	On the uniqueness of shuffle on words and finite languages. <i>Theoretical Computer Science</i> , 2009, 410, 3711-3724.	0.5	8
25	Detection and Profiling of Human Coronavirus Immunoglobulins in Critically Ill Coronavirus Disease 2019 Patients. , 2021, 3, e0369.		8
26	How to Compute with DNA. <i>Lecture Notes in Computer Science</i> , 1999, , 269-282.	1.0	8
27	Concussion Symptoms Predictive of Adolescent Sport-Related Concussion Injury. <i>Clinical Journal of Sport Medicine</i> , 2020, 30, e147-e149.	0.9	7
28	Critically Ill COVID-19 Patients Exhibit Anti-SARS-CoV-2 Serological Responses. <i>Pathophysiology</i> , 2021, 28, 212-223.	1.0	7
29	INTRA-MOLECULAR TEMPLATE-GUIDED RECOMBINATION. <i>International Journal of Foundations of Computer Science</i> , 2007, 18, 1177-1186.	0.8	6
30	Novelty search for deep reinforcement learning policy network weights by action sequence edit metric distance. , 2019, , .		6
31	Computational Nature of Gene Assembly in Ciliates. , 2012, , 1233-1280.		6
32	Algorithmic decomposition of shuffle on words. <i>Theoretical Computer Science</i> , 2012, 454, 38-50.	0.5	5
33	On the generalizability of linear and non-linear region of interest-based multivariate regression models for fMRI data. , 2018, , .		5
34	A Distinct Metabolite Signature in Military Personnel Exposed to Repetitive Low-Level Blasts. <i>Frontiers in Neurology</i> , 2022, 13, 831792.	1.1	5
35	Finding Nonlinear Relationships in fMRI Time Series with Symbolic Regression. , 2016, , .		4
36	Insights into quasar UV spectra using unsupervised clustering analysis. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 459, 1659-1681.	1.6	4

#	ARTICLE	IF	CITATIONS
37	Relativized codes. Theoretical Computer Science, 2012, 429, 54-64.	0.5	3
38	Searching for nonlinear relationships in fMRI data with symbolic regression. , 2017, , .		3
39	Viral Gene Compression: Complexity and Verification. Lecture Notes in Computer Science, 2005, , 102-112.	1.0	3
40	On the Shuffle Automaton Size for Words. Electronic Proceedings in Theoretical Computer Science, EPTCS, 0, 3, 79-89.	0.8	3
41	The Use of Cremation Data for Timely Mortality Surveillance During the COVID-19 Pandemic in Ontario, Canada: Validation Study. JMIR Public Health and Surveillance, 2022, 8, e32426.	1.2	3
42	Putative Concussion Biomarkers Identified in Adolescent Male Athletes Using Targeted Plasma Proteomics. Frontiers in Neurology, 2021, 12, 787480.	1.1	3
43	FORMAL MODELLING OF VIRAL GENE COMPRESSION. International Journal of Foundations of Computer Science, 2005, 16, 453-469.	0.8	2
44	Halting the hallmarks: a cellular automaton model of early cancer growth inhibition. Natural Computing, 2016, 15, 15-30.	1.8	2
45	Modelling intracranial pressure with noninvasive physiological measures. , 2017, , .		2
46	Circeâ€™s Victims: Are We Too Easily Seduced by the Siren Song of Mathematical Physics?. Psychological Inquiry, 2018, 29, 194-195.	0.4	2
47	Novel severe traumatic brain injury blood outcome biomarkers identified with proximity extension assay. Clinical Chemistry and Laboratory Medicine, 2021, 59, 1662-1669.	1.4	2
48	Template-Guided Recombination: From Theory to Laboratory. Natural Computing Series, 2009, , 117-137.	2.2	2
49	One-Reversal Counter Machines and Multihead Automata: Revisited. Lecture Notes in Computer Science, 2011, , 166-177.	1.0	2
50	Voronoi diagrams, vectors and the visually impaired. , 2006, , .		1
51	On codes defined by bio-operations. Theoretical Computer Science, 2007, 378, 3-16.	0.5	1
52	COMPUTATION BY ANNOTATION: MODELLING EPIGENETIC REGULATION. International Journal of Foundations of Computer Science, 2008, 19, 1087-1098.	0.8	1
53	Constructures: supporting human ingenuity in software. Digital Creativity, 2009, 20, 79-94.	0.8	1
54	Theoretical and computational properties of transpositions. Natural Computing, 2011, 10, 795-804.	1.8	1

#	ARTICLE	IF	CITATIONS
55	ORTHOGONAL SHUFFLE ON TRAJECTORIES. International Journal of Foundations of Computer Science, 2011, 22, 213-222.	0.8	1
56	An algebraic generalization for graph and tensor-based neural networks. , 2017, , .		1
57	Generating Nonlinear Models of Functional Connectivity from Functional Magnetic Resonance Imaging Data with Genetic Programming. , 2019, , .		1
58	Is Human Walking a Network Medicine Problem? An Analysis Using Symbolic Regression Models with Genetic Programming. Computer Methods and Programs in Biomedicine, 2021, 206, 106104.	2.6	1
59	Bag Automata and Stochastic Retrieval of Biomolecules in Solution. Lecture Notes in Computer Science, 2003, , 239-250.	1.0	1
60	Dynamic ADTs. , 2009, , .		1
61	Simulating Cancer Growth Using Cellular Automata to Detect Combination Drug Targets. Lecture Notes in Computer Science, 2014, , 67-79.	1.0	1
62	On the Processing Power of Protozoa. , 2008, , 152-153.		1
63	No Going Back: An Interactive Visualization Application for Trailblazing on the Web. , 2008, , .		0
64	Modelling programmed frameshifting with frameshift machines. Natural Computing, 2010, 9, 239-261.	1.8	0
65	A relation by palindromic subwords. Natural Computing, 2010, 9, 935-954.	1.8	0
66	Review of Networks of the brain.. Canadian Psychology, 2011, 52, 321-322.	1.4	0
67	The Complexity of Genomic Structural Variation in Neurodevelopmental Disorders. Biological Psychiatry, 2014, 75, 344-345.	0.7	0
68	Single-subject functional parcellation of the human brainstem. Autonomic Neuroscience: Basic and Clinical, 2015, 192, 11-12.	1.4	0
69	User and Task Identification of Smartwatch Data with an Ensemble of Nonlinear Symbolic Models. , 2019, , .		0
70	On Codes Defined by Bio-operations. Lecture Notes in Computer Science, 2004, , 127-138.	1.0	0
71	A Useful Bounded Resource Functional Language. , 2008, , 198-210.		0
72	The COMPASS-COVID-19-ICU Study: Identification of Factors to Predict the Risk of Intubation and Mortality in Patients with Severe COVID-19. Hemato, 2022, 3, 204-218.	0.2	0