Mark J Daley

List of Publications by Year
in descending order

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	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
2	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
3	A Distinct Metabolite Signature in Military Personnel Exposed to Repetitive Low-Level Blasts. Frontiers in Neurology, 2022, 13, 831792.	1.1	5
4	â€œAIâ€™s gonna have an impact on everything in society, so it has to have an impact on public healthâ€: a fundamental qualitative descriptive study of the implications of artificial intelligence for public health. BMC Public Health, 2021, 21, 40.	1.2	28
5	Detection and Profiling of Human Coronavirus Immunoglobulins in Critically Ill Coronavirus Disease 2019 Patients. , 2021, 3, e0369.		8
6	Repetitive mild traumatic brain injury in mice triggers a slowly developing cascade of long-term and persistent behavioral deficits and pathological changes. Acta Neuropathologica Communications, 2021, 9, 60.	2.4	31
7	Case Report: Inflammation and Endothelial Injury Profiling of COVID-19 Pediatric Multisystem Inflammatory Syndrome (MIS-C). Frontiers in Pediatrics, 2021, 9, 597926.	0.9	15
8	Critically Ill COVID-19 Patients Exhibit Anti-SARS-CoV-2 Serological Responses. Pathophysiology, 2021, 28, 212-223.	1.0	7
9	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
10	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
11	Putative Concussion Biomarkers Identified in Adolescent Male Athletes Using Targeted Plasma Proteomics. Frontiers in Neurology, 2021, 12, 787480.	1.1	3
12	Concussion Symptoms Predictive of Adolescent Sport-Related Concussion Injury. Clinical Journal of Sport Medicine, 2020, 30, e147-e149.	0.9	7
13	Metabolomics Profiling of Critically Ill Coronavirus Disease 2019 Patients: Identification of Diagnostic and Prognostic Biomarkers. , 2020, 2, e0272.		92
14	Novel Outcome Biomarkers Identified With Targeted Proteomic Analyses of Plasma From Critically Ill Coronavirus Disease 2019 Patients. , 2020, 2, e0189.		44
15	Endothelial Injury and Glycocalyx Degradation in Critically Ill Coronavirus Disease 2019 Patients: Implications for Microvascular Platelet Aggregation. , 2020, 2, e0194.		99
16	Inflammation Profiling of Critically Ill Coronavirus Disease 2019 Patients. , 2020, 2, e0144.		69
17	Transcriptional profiling of leukocytes in critically ill COVID19 patients: implications for interferon response and coagulation. Intensive Care Medicine Experimental, 2020, 8, 75.	0.9	37
18	User and Task Identification of Smartwatch Data with an Ensemble of Nonlinear Symbolic Models. , 2019, , .		0

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19	Novelty search for deep reinforcement learning policy network weights by action sequence edit metric distance. , 2019, , .		6
20	Generating Nonlinear Models of Functional Connectivity from Functional Magnetic Resonance Imaging Data with Genetic Programming. , 2019, , .		1
21	Circeâ€™s Victims: Are We Too Easily Seduced by the Siren Song of Mathematical Physics?. Psychological Inquiry, 2018, 29, 194-195.	0.4	2
22	On the generalizability of linear and non-linear region of interest-based multivariate regression models for fMRI data. , 2018, , .		5
23	Neural network models of the tactile system develop first-order units with spatially complex receptive fields. PLoS ONE, 2018, 13, e0199196.	1.1	9
24	An algebraic generalization for graph and tensor-based neural networks. , 2017, , .		1
25	Modelling intracranial pressure with noninvasive physiological measures. , 2017, , .		2
26	Searching for nonlinear relationships in fMRI data with symbolic regression. , 2017, , .		3
27	Metabolomics profiling of concussion in adolescent male hockey players: a novel diagnostic method. Metabolomics, 2016, 12, 1.	1.4	43
28	Finding Nonlinear Relationships in fMRI Time Series with Symbolic Regression. , 2016, , .		4
29	Halting the hallmarks: a cellular automaton model of early cancer growth inhibition. Natural Computing, 2016, 15, 15-30.	1.8	2
30	A selective impairment of perception of sound motion direction in peripheral space: A case study. Neuropsychologia, 2016, 80, 79-89.	0.7	11
31	Insights into quasar UV spectra using unsupervised clustering analysis. Monthly Notices of the Royal Astronomical Society, 2016, 459, 1659-1681.	1.6	4
32	Structure and function of gene regulatory networks associated with worker sterility in honeybees. Ecology and Evolution, 2016, 6, 1692-1701.	0.8	12
33	Single-subject functional parcellation of the human brainstem. Autonomic Neuroscience: Basic and Clinical, 2015, 192, 11-12.	1.4	0
34	Genomic copy number variation in Mus musculus. BMC Genomics, 2015, 16, 497.	1.2	46
35	Gene co-citation networks associated with worker sterility in honey bees. BMC Systems Biology, 2014, 8, 38.	3.0	12
36	The Complexity of Genomic Structural Variation in Neurodevelopmental Disorders. Biological Psychiatry, 2014, 75, 344-345.	0.7	0

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37	Simulating Cancer Growth Using Cellular Automata to Detect Combination Drug Targets. Lecture Notes in Computer Science, 2014, , 67-79.	1.0	1
38	HD-CNV: hotspot detector for copy number variants. Bioinformatics, 2013, 29, 262-263.	1.8	13
39	Algorithmic decomposition of shuffle on words. Theoretical Computer Science, 2012, 454, 38-50.	0.5	5
40	One-reversal counter machines and multihead automata: Revisited. Theoretical Computer Science, 2012, 454, 81-87.	0.5	13
41	Relativized codes. Theoretical Computer Science, 2012, 429, 54-64.	0.5	3
42	Computational Nature of Gene Assembly in Ciliates. , 2012, , 1233-1280.		6
43	Theoretical and computational properties of transpositions. Natural Computing, 2011, 10, 795-804.	1.8	1
44	ORTHOGONAL SHUFFLE ON TRAJECTORIES. International Journal of Foundations of Computer Science, 2011, 22, 213-222.	0.8	1
45	Review of Networks of the brain.. Canadian Psychology, 2011, 52, 321-322.	1.4	0
46	One-Reversal Counter Machines and Multihead Automata: Revisited. Lecture Notes in Computer Science, 2011, , 166-177.	1.0	2
47	Modelling programmed frameshifting with frameshift machines. Natural Computing, 2010, 9, 239-261.	1.8	0
48	A relation by palindromic subwords. Natural Computing, 2010, 9, 935-954.	1.8	0
49	Constructures: supporting human ingenuity in software. Digital Creativity, 2009, 20, 79-94.	0.8	1
50	On the uniqueness of shuffle on words and finite languages. Theoretical Computer Science, 2009, 410, 3711-3724.	0.5	8
51	Template-Guided Recombination: FromÂTheoryÂto Laboratory. Natural Computing Series, 2009, , 117-137.	2.2	2
52	Dynamic ADTs. , 2009, , .		1
53	No Going Back: An Interactive Visualization Application for Trailblazing on the Web. , 2008, , .		0
54	COMPUTATION BY ANNOTATION: MODELLING EPIGENETIC REGULATION. International Journal of Foundations of Computer Science, 2008, 19, 1087-1098.	0.8	1

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55	On the Processing Power of Protozoa. , 2008, , 152-153.		1
56	A Useful Bounded Resource Functional Language. , 2008, , 198-210.		0
57	INTRA-MOLECULAR TEMPLATE-GUIDED RECOMBINATION. International Journal of Foundations of Computer Science, 2007, 18, 1177-1186.	0.8	6
58	On codes defined by bio-operations. Theoretical Computer Science, 2007, 378, 3-16.	0.5	1
59	Regulated RNA rewriting: Modelling RNA editing with guided insertion. Theoretical Computer Science, 2007, 387, 103-112.	0.5	27
60	Useful Templates and Iterated Template-Guided DNA Recombination in Ciliates. Theory of Computing Systems, 2006, 39, 619-633.	0.7	10
61	Voronoi diagrams, vectors and the visually impaired. , 2006, , .		1
62	Template-guided DNA recombination. Theoretical Computer Science, 2005, 330, 237-250.	0.5	22
63	FORMAL MODELLING OF VIRAL GENE COMPRESSION. International Journal of Foundations of Computer Science, 2005, 16, 453-469.	0.8	2
64	Viral Gene Compression: Complexity and Verification. Lecture Notes in Computer Science, 2005, , 102-112.	1.0	3
65	Families of languages defined by ciliate bio-operations. Theoretical Computer Science, 2004, 320, 51-69.	0.5	14
66	On Codes Defined by Bio-operations. Lecture Notes in Computer Science, 2004, , 127-138.	1.0	0
67	Closure and decidability properties of some language classes with respect to ciliate bio-operations. Theoretical Computer Science, 2003, 306, 19-38.	0.5	31
68	Some Properties of Ciliate Bio-operations. Lecture Notes in Computer Science, 2003, , 116-127.	1.0	12
69	Bag Automata and Stochastic Retrieval of Biomolecules in Solution. Lecture Notes in Computer Science, 2003, , 239-250.	1.0	1
70	DNA Computing: Models and Implementations. Comments on Theoretical Biology, 2002, 7, 177-198.	0.6	18
71	How to Compute with DNA. Lecture Notes in Computer Science, 1999, , 269-282.	1.0	8
72	On the Shuffle Automaton Size for Words. Electronic Proceedings in Theoretical Computer Science, EPTCS, 0, 3, 79-89.	0.8	3