

Saman K Halgamuge

List of Publications by Year in descending order

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179
papers

8,133
citations

94433

37
h-index

53230

85
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183
all docs

183
docs citations

183
times ranked

7816
citing authors

#	ARTICLE	IF	CITATIONS
1	Self-Organizing Hierarchical Particle Swarm Optimizer With Time-Varying Acceleration Coefficients. IEEE Transactions on Evolutionary Computation, 2004, 8, 240-255.	10.0	2,481
2	Dynamic self-organizing maps with controlled growth for knowledge discovery. IEEE Transactions on Neural Networks, 2000, 11, 601-614.	4.2	419
3	CONTRA: copy number analysis for targeted resequencing. Bioinformatics, 2012, 28, 1307-1313.	4.1	308
4	A Review on efficient thermal management of air- and liquid-cooled data centers: From chip to the cooling system. Applied Energy, 2017, 205, 1165-1188.	10.1	301
5	Neural networks in designing fuzzy systems for real world applications. Fuzzy Sets and Systems, 1994, 65, 1-12.	2.7	221
6	Classification of Parkinson's Disease Gait Using Spatial-Temporal Gait Features. IEEE Journal of Biomedical and Health Informatics, 2015, 19, 1794-1802.	6.3	163
7	Algorithm selection for black-box continuous optimization problems: A survey on methods and challenges. Information Sciences, 2015, 317, 224-245.	6.9	150
8	Multiobjective Evolution of Fuzzy Rough Neural Network via Distributed Parallelism for Stock Prediction. IEEE Transactions on Fuzzy Systems, 2020, 28, 939-952.	9.8	147
9	A Recursive Decomposition Method for Large Scale Continuous Optimization. IEEE Transactions on Evolutionary Computation, 2018, 22, 647-661.	10.0	139
10	Fuel economy improvements for urban driving: Hybrid vs. intelligent vehicles. Transportation Research Part C: Emerging Technologies, 2007, 15, 1-16.	7.6	125
11	A Survey of Algorithms for Distributed Charging Control of Electric Vehicles in Smart Grid. IEEE Transactions on Intelligent Transportation Systems, 2020, 21, 4497-4515.	8.0	123
12	Analysis of SD sequences in completed microbial genomes: Non-SD-led genes are as common as SD-led genes. Gene, 2006, 373, 90-99.	2.2	109
13	Optimal Operation of Energy Storage Systems Considering Forecasts and Battery Degradation. IEEE Transactions on Smart Grid, 2018, 9, 2086-2096.	9.0	109
14	Exploratory Landscape Analysis of Continuous Space Optimization Problems Using Information Content. IEEE Transactions on Evolutionary Computation, 2015, 19, 74-87.	10.0	107
15	Potential of air-side economizers for data center cooling: A case study for key Australian cities. Applied Energy, 2013, 104, 207-219.	10.1	103
16	Inferring copy number and genotype in tumour exome data. BMC Genomics, 2014, 15, 732.	2.8	102
17	Splice site identification using probabilistic parameters and SVM classification. BMC Bioinformatics, 2006, 7, S15.	2.6	93
18	An Incentive-Compatible Energy Trading Framework for Neighborhood Area Networks With Shared Energy Storage. IEEE Transactions on Sustainable Energy, 2020, 11, 467-476.	8.8	85

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19	Generalized Modeling of Multilink Cable-Driven Manipulators With Arbitrary Routing Using the Cable-Routing Matrix. IEEE Transactions on Robotics, 2013, 29, 1102-1113.	10.3	83
20	Microbial and viral metagenomes of a subtropical freshwater reservoir subject to climatic disturbances. ISME Journal, 2013, 7, 2374-2386.	9.8	81
21	An unsupervised hierarchical dynamic self-organizing approach to cancer class discovery and marker gene identification in microarray data. Bioinformatics, 2003, 19, 2131-2140.	4.1	80
22	A comparison of constraint-handling methods for the application of particle swarm optimization to constrained nonlinear optimization problems. , 0, , .		74
23	Binning sequences using very sparse labels within a metagenome. BMC Bioinformatics, 2008, 9, 215.	2.6	74
24	A comparative study of manufacturing practices and performance variables. International Journal of Production Economics, 2008, 112, 841-859.	8.9	72
25	Empirical relationships between some manufacturing practices and performance. International Journal of Production Research, 2008, 46, 3583-3613.	7.5	66
26	Model predictive control for a solar assisted ground source heat pump system. Energy, 2018, 152, 974-984.	8.8	64
27	CoNVEX: copy number variation estimation in exome sequencing data using HMM. BMC Bioinformatics, 2013, 14, S2.	2.6	61
28	Event Triggered Adaptive Differential Modulation: A New Method for Traffic Reduction in Networked Control Systems. IEEE Transactions on Automatic Control, 2013, 58, 1696-1706.	5.7	60
29	Unsupervised discovery of microbial population structure within metagenomes using nucleotide base composition. Nucleic Acids Research, 2012, 40, e34-e34.	14.5	58
30	Combining News and Technical Indicators in Daily Stock Price Trends Prediction. Lecture Notes in Computer Science, 2007, , 1087-1096.	1.3	53
31	Wrench-Closure Workspace Generation for Cable Driven Parallel Manipulators Using a Hybrid Analytical-Numerical Approach. Journal of Mechanical Design, Transactions of the ASME, 2011, 133, .	2.9	51
32	Using Growing Self-Organising Maps to Improve the Binning Process in Environmental Whole-Genome Shotgun Sequencing. Journal of Biomedicine and Biotechnology, 2008, 2008, 1-10.	3.0	50
33	Control period selection for improved operating performance in district heating networks. Energy and Buildings, 2011, 43, 605-613.	6.7	46
34	An Online Power-Balancing Strategy for a Parallel Hybrid Electric Vehicle Assisted by an Integrated Starter Generator. IEEE Transactions on Vehicular Technology, 2010, 59, 2689-2699.	6.3	45
35	Computer-aided design of fuzzy systems based on generic VHDL specifications. IEEE Transactions on Fuzzy Systems, 1996, 4, 403-417.	9.8	42
36	Particle Swarm Optimisation for Protein Motif Discovery. Genetic Programming and Evolvable Machines, 2004, 5, 203-214.	2.2	42

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37	Energy, environmental and economical saving potential of data centers with various economizers across Australia. <i>Applied Energy</i> , 2016, 183, 1528-1549.	10.1	42
38	Inverse Dynamics of Multilink Cable-Driven Manipulators With the Consideration of Joint Interaction Forces and Moments. <i>IEEE Transactions on Robotics</i> , 2015, 31, 479-488.	10.3	41
39	Protein motif extraction with neuro-fuzzy optimization. <i>Bioinformatics</i> , 2002, 18, 1084-1090.	4.1	40
40	Computationally advantageous and stable hierarchical fuzzy systems for active suspension. <i>IEEE Transactions on Industrial Electronics</i> , 2003, 50, 48-61.	7.9	38
41	Quantifying Variable Interactions in Continuous Optimization Problems. <i>IEEE Transactions on Evolutionary Computation</i> , 2017, 21, 249-264.	10.0	38
42	Minimizing the thermal impact of computing equipment upgrades in data centers. <i>Energy and Buildings</i> , 2012, 50, 81-92.	6.7	36
43	A Meta-learning Prediction Model of Algorithm Performance for Continuous Optimization Problems. <i>Lecture Notes in Computer Science</i> , 2012, , 226-235.	1.3	36
44	Enhancement of topology preservation and hierarchical dynamic self-organising maps for data visualisation. <i>International Journal of Approximate Reasoning</i> , 2003, 32, 259-279.	3.3	34
45	Coordinated charging and discharging control of electric vehicles to manage supply voltages in distribution networks: Assessing the customer benefit. <i>Applied Energy</i> , 2021, 291, 116857.	10.1	34
46	Prokaryotic assemblages and metagenomes in pelagic zones of the South China Sea. <i>BMC Genomics</i> , 2015, 16, 219.	2.8	33
47	ViQuaS: an improved reconstruction pipeline for viral quasispecies spectra generated by next-generation sequencing. <i>Bioinformatics</i> , 2015, 31, 886-896.	4.1	33
48	Positive-Unlabeled Learning for inferring drug interactions based on heterogeneous attributes. <i>BMC Bioinformatics</i> , 2017, 18, 140.	2.6	33
49	An alternative approach for generation of membership functions and fuzzy rules based on radial and cubic basis function networks. <i>International Journal of Approximate Reasoning</i> , 1995, 12, 279-298.	3.3	32
50	Optimum sizing and tracking of combined cooling heating and power systems for bulk energy consumers. <i>Applied Energy</i> , 2014, 118, 124-134.	10.1	31
51	EXIMS: an improved data analysis pipeline based on a new peak picking method for EXploring Imaging Mass Spectrometry data. <i>Bioinformatics</i> , 2015, 31, 3198-3206.	4.1	31
52	Musculoskeletal Static Workspace Analysis of the Human Shoulder as a Cable-Driven Robot. <i>IEEE/ASME Transactions on Mechatronics</i> , 2015, 20, 978-984.	5.8	30
53	Optimal road design through ecologically sensitive areas considering animal migration dynamics. <i>Transportation Research Part C: Emerging Technologies</i> , 2017, 77, 478-494.	7.6	30
54	Towards the stand-alone operation of data centers with free cooling and optimally sized hybrid renewable power generation and energy storage. <i>Renewable and Sustainable Energy Reviews</i> , 2018, 93, 451-472.	16.4	29

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55	Fast splice site detection using information content and feature reduction. BMC Bioinformatics, 2008, 9, S8.	2.6	28
56	Driver Fatigue Detection by Fusing Multiple Cues. Lecture Notes in Computer Science, 2007, , 801-809.	1.3	27
57	An on-time delivery improvement model for manufacturing organisations. International Journal of Production Research, 2010, 48, 2373-2394.	7.5	27
58	Deep reinforcement learning for energy and time optimized scheduling of precedence-constrained tasks in edgeâ€‘cloud computing environments. Future Generation Computer Systems, 2022, 137, 14-30.	7.5	27
59	Self-evolving neural networks for rule-based data processing. IEEE Transactions on Signal Processing, 1997, 45, 2766-2773.	5.3	26
60	Feasibility and performance analysis of hybrid ground source heat pump systems in fourteen cities. Energy, 2021, 234, 121254.	8.8	24
61	Sensor Scheduling for Target Tracking by Suboptimal Algorithms. IEEE Transactions on Vehicular Technology, 2009, 58, 1467-1479.	6.3	23
62	A trainable transparent universal approximator for defuzzification in Mamdani-type neuro-fuzzy controllers. IEEE Transactions on Fuzzy Systems, 1998, 6, 304-314.	9.8	22
63	Class structure visualization with semi-supervised growing self-organizing maps. Neurocomputing, 2008, 71, 3124-3130.	5.9	22
64	Comparing two video-based techniques for driver fatigue detection: classification versus optical flow approach. Machine Vision and Applications, 2011, 22, 597-618.	2.7	22
65	An Extended Growing Self-Organizing Map for Selection of Clusters in Sensor Networks. International Journal of Distributed Sensor Networks, 2005, 1, 227-243.	2.2	21
66	Multi-objective efficiency enhancement using workload spreading in an operational data center. Applied Energy, 2015, 138, 432-444.	10.1	21
67	FUZZY NEURAL NETWORKS: BETWEEN FUNCTIONAL EQUIVALENCE AND APPLICABILITY. International Journal of Neural Systems, 1995, 06, 185-196.	5.2	20
68	Optimized sink node path using particle swarm optimization. , 2006, , .		20
69	The oligonucleotide frequency derived error gradient and its application to the binning of metagenome fragments. BMC Genomics, 2009, 10, S10.	2.8	20
70	A combined effect absorption chiller for enhanced performance of combined cooling heating and power systems. Applied Energy, 2014, 127, 239-248.	10.1	20
71	Optimized rule-based delay proportion adjustment for proportional differentiated services. IEEE Journal on Selected Areas in Communications, 2005, 23, 261-276.	14.0	19
72	The Algorithm Selection Problem on the Continuous Optimization Domain. Studies in Computational Intelligence, 2013, , 75-89.	0.9	19

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73	Gabor wavelet similarity maps for optimising hierarchical road sign classifiers. Pattern Recognition Letters, 2007, 28, 260-267.	4.2	17
74	Management of Orphaned-Nodes in Wireless Sensor Networks for Smart Irrigation Systems. IEEE Transactions on Signal Processing, 2011, 59, 4909-4922.	5.3	17
75	Landscape characterization of numerical optimization problems using biased scattered data. , 2012, , .		17
76	Bioinformatics Pipelines for Targeted Resequencing and Whole-Exome Sequencing of Human and Mouse Genomes: A Virtual Appliance Approach for Instant Deployment. PLoS ONE, 2014, 9, e95217.	2.5	17
77	A two-tiered unsupervised clustering approach for drug repositioning through heterogeneous data integration. BMC Bioinformatics, 2018, 19, 129.	2.6	16
78	Face Recognition by Extending Elastic Bunch Graph Matching with Particle Swarm Optimization. Journal of Multimedia, 2009, 4, .	0.3	16
79	The node-weighted Steiner tree approach to identify elements of cancer-related signaling pathways. BMC Bioinformatics, 2017, 18, 551.	2.6	15
80	Coordinated Charge and Discharge Scheduling of Electric Vehicles for Load Curve Shaping. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 7653-7665.	8.0	15
81	Using the Active Appearance Model to detect driver fatigue. , 2007, , .		14
82	An optimized anti-lock braking system in the presence of multiple road surface types. International Journal of Adaptive Control and Signal Processing, 2007, 21, 477-498.	4.1	14
83	Simplifying the Bacteria Foraging Optimization Algorithm. , 2010, , .		14
84	Mathematical modeling and experimental verification of an absorption chiller including three dimensional temperature and concentration distributions. Applied Energy, 2013, 106, 232-242.	10.1	14
85	Intelligent fastening with Aâ€BOLTTM technology and sensor networks. Assembly Automation, 2004, 24, 386-393.	1.7	13
86	Decision tree ensembles for online operation of large smart grids. Energy Conversion and Management, 2012, 59, 9-18.	9.2	13
87	A Physarum-Inspired Algorithm for Minimum-Cost Relay Node Placement in Wireless Sensor Networks. IEEE/ACM Transactions on Networking, 2020, 28, 681-694.	3.8	13
88	A comparison of fuel consumption between hybrid and intelligent vehicles during urban driving. Proceedings of the Institution of Mechanical Engineers, Part D: Journal of Automobile Engineering, 2006, 220, 67-76.	1.9	12
89	On the selection of fitness landscape analysis metrics for continuous optimization problems. , 2014, , .		12
90	A Multiple Regression Approach to Normalization of Spatiotemporal Gait Features. Journal of Applied Biomechanics, 2016, 32, 128-139.	0.8	12

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91	Assessment of Gait Characteristics in Total Knee Arthroplasty Patients Using a Hierarchical Partial Least Squares Method. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2018, 22, 205-214.	6.3	12
92	Multi-resolution, multi-horizon distributed solar PV power forecasting with forecast combinations. <i>Expert Systems With Applications</i> , 2022, 205, 117690.	7.6	12
93	A rule based prototype system for automatic classification in industrial quality control. , 0, , .		11
94	Exploratory analysis of high-throughput metabolomic data. <i>Metabolomics</i> , 2013, 9, 1311-1320.	3.0	11
95	Improving the on-line control of energy storage via forecast error metric customization. <i>Journal of Energy Storage</i> , 2016, 8, 51-59.	8.1	11
96	Comprehensive Insights Into Composition, Metabolic Potentials, and Interactions Among Archaeal, Bacterial, and Viral Assemblages in Meromictic Lake Shunet in Siberia. <i>Frontiers in Microbiology</i> , 2018, 9, 1763.	3.5	11
97	The Rationale Behind Seeking Inspiration from Nature. <i>Studies in Computational Intelligence</i> , 2009, , 51-76.	0.9	11
98	Self-Organizing Nebulous Growths for Robust and Incremental Data Visualization. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2021, 32, 4588-4602.	11.3	11
99	Optimised Landmark Model Matching for Face Recognition. , 0, , .		10
100	Gene function prediction based on genomic context clustering and discriminative learning: an application to bacteriophages. <i>BMC Bioinformatics</i> , 2007, 8, S6.	2.6	10
101	Genome classification by gene distribution: An overlapping subspace clustering approach. <i>BMC Evolutionary Biology</i> , 2008, 8, 116.	3.2	10
102	Fast algorithms inspired by Physarum polycephalum for node weighted steiner tree problem with multiple terminals. , 2016, , .		10
103	A physarum-inspired prize-collecting steiner tree approach to identify subnetworks for drug repositioning. <i>BMC Systems Biology</i> , 2016, 10, 128.	3.0	10
104	Assessing Species Diversity Using Metavirome Data: Methods and Challenges. <i>Computational and Structural Biotechnology Journal</i> , 2017, 15, 447-455.	4.1	10
105	Traffic Reduction in Packet Switched Networked Control Systems Using Deadband Error Modulation. <i>IEEE Transactions on Automatic Control</i> , 2017, 62, 4038-4043.	5.7	10
106	Minimum-Cost Heterogeneous Node Placement in Wireless Sensor Networks. <i>IEEE Access</i> , 2019, 7, 14847-14858.	4.2	10
107	Real-time conversion of inertial measurement unit data to ankle joint angles using deep neural networks. <i>Journal of Biomechanics</i> , 2021, 125, 110552.	2.1	10
108	On the Task Specific Evaluation and Optimisation of Cable-Driven Manipulators. , 2012, , 707-716.		10

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109	Fast shortest path optimization inspired by shuttle streaming of Physarum polycephalum. , 2012, , .		9
110	Can a data center heat-flow model be scaled down?. , 2012, , .		9
111	Increasing the thermal efficiency of an operational data center using cold aisle containment. , 2014, , .		9
112	Finding group Steiner trees in graphs with both vertex and edge weights. Proceedings of the VLDB Endowment, 2021, 14, 1137-1149.	3.8	9
113	Information Theoretic Classification of Problems for Metaheuristics. Lecture Notes in Computer Science, 2008, , 319-328.	1.3	9
114	Optimal Weighting of Landmarks for Face Recognition. Journal of Multimedia, 2006, 1, .	0.3	9
115	Energy Efficient Sensor Scheduling with a Mobile Sink Node for the Target Tracking Application. Sensors, 2009, 9, 696-716.	3.8	8
116	Unsupervised learning for exploring MALDI imaging mass spectrometry ‘omics’ data. , 2014, , .		8
117	Approximate symbolic pattern matching for protein sequence data. International Journal of Approximate Reasoning, 2003, 32, 171-186.	3.3	7
118	Optimisation of valve timing events of internal combustion engines with particle swarm optimisation. , 0, , .		7
119	Gene functionality's influence on the second codon: A large-scale survey of second codon composition in three domains. Genomics, 2010, 96, 92-101.	2.9	7
120	A new peak detection algorithm for MALDI mass spectrometry data based on a modified Asymmetric Pseudo-Voigt model. BMC Genomics, 2015, 16, S12.	2.8	7
121	A multiple regression normalization approach to evaluation of gait in total knee arthroplasty patients. Clinical Biomechanics, 2016, 32, 92-101.	1.2	7
122	IMPARO: inferring microbial interactions through parameter optimisation. BMC Molecular and Cell Biology, 2020, 21, 34.	2.0	7
123	A Decentralized Electric Vehicle Charge Scheduling Scheme for Tracking Power Profiles. , 2020, , .		7
124	Cable Function Analysis for the Musculoskeletal Static Workspace of a Human Shoulder. Mechanisms and Machine Science, 2015, , 263-274.	0.5	7
125	Mobile Sensor Management For Target Tracking. , 2007, , .		6
126	Dynamic Self-Organising Maps: Theory, Methods and Applications. Studies in Computational Intelligence, 2009, , 363-379.	0.9	6

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127	Adaptive wireless sensor networks powered by hybrid energy harvesting for environmental monitoring. , 2012, , .		6
128	Enhanced thermal performance of absorption chillers fired by multiple dynamic heat sources. International Journal of Precision Engineering and Manufacturing, 2012, 13, 1231-1238.	2.2	6
129	The importance of temporal resolution in evaluating residential energy storage. , 2017, , .		6
130	Multi-Resolution Dynamic Programming for the Receding Horizon Control of Energy Storage. IEEE Transactions on Sustainable Energy, 2019, 10, 333-343.	8.8	6
131	Clustering Sensor Networks Using Growing Self-Organising Map. , 0, , .		5
132	Polynomial kernel adaptation and extensions to the SVM classifier learning. Neural Computing and Applications, 2007, 17, 19-25.	5.6	5
133	QoE-Aware Traffic Aggregation Using Preference Logic for Edge Intelligence. IEEE Transactions on Wireless Communications, 2021, 20, 6093-6106.	9.2	5
134	Scalable Dynamic Self-Organising Maps for Mining Massive Textual Data. Lecture Notes in Computer Science, 2006, , 260-267.	1.3	5
135	Detection of Faulty Semiconductor Wafers using Dynamic Growing Self Organizing Map. , 2005, , .		4
136	Optimization of All SI Engine Combustion Control and Related Events for Efficiency. , 2006, , .		4
137	Rigorous Analysis of Numerical Phase and Group Velocity Bounds in Yee's FDTD Grid. IEEE Microwave and Wireless Components Letters, 2007, 17, 556-558.	3.2	4
138	Sensitivity-Based Hierarchical Controller Architectures for Active Suspension. IEEE Transactions on Control Systems Technology, 2008, 16, 103-112.	5.2	4
139	Similarity of Continuous Optimization Problems from the Algorithm Performance Perspective. , 2019, , .		4
140	Extremum Seeking Control With Sporadic Packet Transmission for Networked Control Systems. IEEE Transactions on Control of Network Systems, 2020, 7, 758-769.	3.7	4
141	Characteristic profile. , 2021, 1, 95-106.		4
142	Stability of hierarchical fuzzy systems generated by Neuro-Fuzzy. Soft Computing, 2004, 8, 409-416.	3.6	3
143	On the potential for-improving fuel economy using a traffic flow sensor network. , 0, , .		3
144	Semi-supervised Learning of Dynamic Self-Organising Maps. Lecture Notes in Computer Science, 2006, , 915-924.	1.3	3

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145	The power grabbers. IEEE Power and Energy Magazine, 2010, 8, 46-53.	1.6	3
146	Accurate reconstruction of viral quasispecies spectra through improved estimation of strain richness. BMC Bioinformatics, 2015, 16, S3.	2.6	3
147	Accounting for forecast uncertainty in the optimized operation of energy storage. , 2016, , .		3
148	Multiple Cluster Merging and Multihop Transmission in Wireless Sensor Networks. , 2007, , 89-99.		3
149	A sub Bayesian nearest prototype neural network with fuzzy interpretability for diagnosis problems. , 1995, , .		2
150	Effects of search pattern variations in motif discovery algorithm: MotifFinder. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2003, 36, 501-506.	0.4	2
151	Realtime classification with structure adapting neuro-fuzzy systems. Integrated Computer-Aided Engineering, 2003, 10, 357-367.	4.6	2
152	A review on optimization strategies of combined cooling heating and power generation. , 2012, , .		2
153	The effects of an ankle foot orthosis on cerebral palsy gait: A multiple regression analysis. , 2015, 2015, 5509-12.		2
154	The Value of Flexible Road Designs Through Ecologically Sensitive Areas. Lecture Notes in Management and Industrial Engineering, 2018, , 71-80.	0.4	2
155	ENVirT: inference of ecological characteristics of viruses from metagenomic data. BMC Bioinformatics, 2019, 19, 377.	2.6	2
156	A Memetic Cooperative Co-evolution Model for Large Scale Continuous Optimization. Lecture Notes in Computer Science, 2017, , 291-300.	1.3	2
157	Robustness of Visualization Methods in Preserving the Continuous and Discrete Latent Structures of High-Dimensional Single-Cell Data. , 2021, , .		2
158	Classification of antiseizure drugs in cultured neuronal networks using multielectrode arrays and unsupervised learning. Epilepsia, 2022, , .	5.1	2
159	A Method for Evaluating Quality of Clustering DNA Fragments Encoded in Different Nucleotide Frequencies. , 2007, , .		1
160	Structure adaptation of hierarchical knowledge-based classifiers. Neural Computing and Applications, 2009, 18, 523-537.	5.6	1
161	Hybrid optimization algorithms resembling the life cycles of organisms of Phylum Cnidaria. , 2014, , .		1
162	Changes in propagation delays for quantifying pharmacological effects on cortical cultures. , 2014, , .		1

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163	Selecting an optimal combination of storage & transmission assets with a non-dispatchable electricity supply. , 2014, , .		1
164	Metaheuristic Algorithm Similarity Analysis Based on Performance Metric Mapping of Fractional Ranking. , 2018, , .		1
165	Investigation of Average Mutual Information for Species Separation Using GSOM. Lecture Notes in Computer Science, 2009, , 42-49.	1.3	1
166	Energy Adaptive Sensor Scheduling for Noisy Sensor Measurements. Lecture Notes in Computer Science, 2009, , 187-200.	1.3	1
167	Designing higher value roads to preserve species at risk by optimally controlling traffic flow. Annals of Operations Research, 2023, 320, 663-693.	4.1	1
168	Using Particle Swarm Optimisation for Elastic Bunch Graph Matching to Recognise Faces. , 2005, , .		0
169	Improving Training Speed of Support Vector Machines by Creating Exploitable Trends of Lagrangian Variables: An Application to DNA Splice Site Detection. , 2007, , .		0
170	Support Vector Machine Integrated CCA for Classification of Complex Chemical Patterns. , 2008, , .		0
171	Knowledge discovery in biological big data using near unsupervised learning: Keynote presentation. , 2014, , .		0
172	Deep Near Unsupervised Learning for Data Analysis in Metabolomics, Drug-Drug Interaction Discovery and Human Gait Recognition. , 2016, , .		0
173	Integrating Data-Driven Forecasting and Optimization to Improve the Operation of Distributed Energy Storage. , 2016, , .		0
174	Keynote address: Data engineering meets health. , 2016, , .		0
175	Optimizing the Operation of a Hybrid Solar Assisted Ground Source Heat Pump System. , 2018, , .		0
176	Mining of Labeled Incomplete Data Using Fast Dimension Partitioning. Studies in Fuzziness and Soft Computing, 2001, , 191-216.	0.8	0
177	Binning Sequences Using Very Sparse Labels Within a Metagenome. , 2014, , 1-13.		0
178	FAIR AI: A Conceptual Framework for Democratisation of 21st Century AI. , 2021, , .		0
179	From The International Space Station To Tropical Rainforests And Polar Ice Caps: Microbial Communities Foretell The Effects Of Climate Change. , 2021, , .		0