

Simon Fong

List of Publications by Year in descending order

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Version: 2024-02-01

391
papers

6,330
citations

126708

33
h-index

123241

61
g-index

412
all docs

412
docs citations

412
times ranked

6384
citing authors

#	ARTICLE	IF	CITATIONS
1	Artificial intelligence in cancer diagnosis and prognosis: Opportunities and challenges. <i>Cancer Letters</i> , 2020, 471, 61-71.	3.2	305
2	Developing residential wireless sensor networks for ECG healthcare monitoring. <i>IEEE Transactions on Consumer Electronics</i> , 2017, 63, 442-449.	3.0	213
3	A Survey of Data Mining and Deep Learning in Bioinformatics. <i>Journal of Medical Systems</i> , 2018, 42, 139.	2.2	194
4	Accelerated PSO Swarm Search Feature Selection for Data Stream Mining Big Data. <i>IEEE Transactions on Services Computing</i> , 2016, 9, 33-45.	3.2	192
5	AmPEP: Sequence-based prediction of antimicrobial peptides using distribution patterns of amino acid properties and random forest. <i>Scientific Reports</i> , 2018, 8, 1697.	1.6	181
6	DBSCAN: Past, present and future. , 2014, , .		170
7	Composite Monte Carlo decision making under high uncertainty of novel coronavirus epidemic using hybridized deep learning and fuzzy rule induction. <i>Applied Soft Computing Journal</i> , 2020, 93, 106282.	4.1	153
8	Medical cyber-physical systems: A survey. <i>Journal of Medical Systems</i> , 2018, 42, 74.	2.2	147
9	Accelerated Particle Swarm Optimization and Support Vector Machine for Business Optimization and Applications. <i>Communications in Computer and Information Science</i> , 2011, , 53-66.	0.4	146
10	Epileptic Seizures Prediction Using Machine Learning Methods. <i>Computational and Mathematical Methods in Medicine</i> , 2017, 2017, 1-10.	0.7	130
11	Wolf search algorithm with ephemeral memory. , 2012, , .		129
12	Finding an Accurate Early Forecasting Model from Small Dataset: A Case of 2019-nCoV Novel Coronavirus Outbreak. <i>International Journal of Interactive Multimedia and Artificial Intelligence</i> , 2020, 6, 132.	1.0	123
13	Internet of Things for In-Home Health Monitoring Systems: Current Advances, Challenges and Future Directions. <i>IEEE Journal on Selected Areas in Communications</i> , 2021, 39, 300-310.	9.7	106
14	Social Group Optimization-Assisted Kapur's Entropy and Morphological Segmentation for Automated Detection of COVID-19 Infection from Computed Tomography Images. <i>Cognitive Computation</i> , 2020, 12, 1011-1023.	3.6	90
15	Metaheuristic Algorithms: Optimal Balance of Intensification and Diversification. <i>Applied Mathematics and Information Sciences</i> , 2014, 8, 977-983.	0.7	90
16	Swarm intelligence: past, present and future. <i>Soft Computing</i> , 2018, 22, 5923-5933.	2.1	87
17	A Novel Hybrid Self-Adaptive Bat Algorithm. <i>Scientific World Journal</i> , The, 2014, 2014, 1-12.	0.8	85
18	Automated 3-D lung tumor detection and classification by an active contour model and CNN classifier. <i>Expert Systems With Applications</i> , 2019, 134, 112-119.	4.4	81

#	ARTICLE	IF	CITATIONS
19	Artificial intelligence in the diagnosis of COVID-19: challenges and perspectives. International Journal of Biological Sciences, 2021, 17, 1581-1587.	2.6	74
20	Adaptive multi-objective swarm fusion for imbalanced data classification. Information Fusion, 2018, 39, 1-24.	11.7	72
21	Integrating nature-inspired optimization algorithms to K-means clustering. , 2012, , .		70
22	PSOVina: The hybrid particle swarm optimization algorithm for protein-ligand docking. Journal of Bioinformatics and Computational Biology, 2015, 13, 1541007.	0.3	64
23	From Swarm Intelligence to Metaheuristics: Nature-Inspired Optimization Algorithms. Computer, 2016, 49, 52-59.	1.2	61
24	Elephant Search Algorithm for optimization problems. , 2015, , .		55
25	Predicting unusual energy consumption events from smart home sensor network by data stream mining with misclassified recall. Journal of Ambient Intelligence and Humanized Computing, 2018, 9, 1197-1221.	3.3	51
26	Feature Selection in Life Science Classification: Metaheuristic Swarm Search. IT Professional, 2014, 16, 24-29.	1.4	48
27	Bat algorithm: Recent advances. , 2014, , .		45
28	A review of metaheuristics in robotics. Computers and Electrical Engineering, 2015, 43, 278-291.	3.0	45
29	Hierarchical classification in text mining for sentiment analysis of online news. Soft Computing, 2016, 20, 3411-3420.	2.1	44
30	A heuristic optimization method inspired by wolf preying behavior. Neural Computing and Applications, 2015, 26, 1725-1738.	3.2	43
31	A Supply-chain System Framework Based on Internet of Things Using Blockchain Technology. ACM Transactions on Internet Technology, 2021, 21, 1-24.	3.0	43
32	Forecasting the REITs and stock indices: Group Method of Data Handling Neural Network approach. Pacific Rim Property Research Journal, 2017, 23, 123-160.	0.4	39
33	Predicting concentration levels of air pollutants by transfer learning and recurrent neural network. Knowledge-Based Systems, 2020, 192, 105622.	4.0	39
34	Deep back propagation-long short-term memory network based upper-limb sEMG signal classification for automated rehabilitation. Biocybernetics and Biomedical Engineering, 2020, 40, 987-1001.	3.3	37
35	Improving the classification performance of biological imbalanced datasets by swarm optimization algorithms. Journal of Supercomputing, 2016, 72, 3708-3728.	2.4	36
36	Parallel ensemble learning of convolutional neural networks and local binary patterns for face recognition. Computer Methods and Programs in Biomedicine, 2020, 197, 105622.	2.6	36

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37	Fusing wearable and remote sensing data streams by fast incremental learning with swarm decision table for human activity recognition. Information Fusion, 2020, 60, 41-64.	11.7	35
38	A biometric authentication model using hand gesture images. BioMedical Engineering OnLine, 2013, 12, 111.	1.3	34
39	Adaptive swarm cluster-based dynamic multi-objective synthetic minority oversampling technique algorithm for tackling binary imbalanced datasets in biomedical data classification. BioData Mining, 2016, 9, 37.	2.2	34
40	Financial time series pattern matching with extended UCR Suite and Support Vector Machine. Expert Systems With Applications, 2016, 55, 284-296.	4.4	34
41	How Meta-heuristic Algorithms Contribute to Deep Learning in the Hype of Big Data Analytics. Advances in Intelligent Systems and Computing, 2018, , 3-25.	0.5	34
42	Adaptive Swarm Balancing Algorithms for rare-event prediction in imbalanced healthcare data. PLoS ONE, 2017, 12, e0180830.	1.1	34
43	Clinical application of modified bag-of-features coupled with hybrid neural-based classifier in dengue fever classification using gene expression data. Medical and Biological Engineering and Computing, 2018, 56, 709-720.	1.6	33
44	Clustering big IoT data by metaheuristic optimized mini-batch and parallel partition-based DGC in Hadoop. Future Generation Computer Systems, 2018, 86, 1395-1412.	4.9	32
45	An adaptive meta-heuristic search for the internet of things. Future Generation Computer Systems, 2017, 76, 486-494.	4.9	31
46	Fragmented plant leaf recognition: Bag-of-features, fuzzy-color and edge-texture histogram descriptors with multi-layer perceptron. Optik, 2019, 181, 639-650.	1.4	31
47	Real-Time Clinical Decision Support System with Data Stream Mining. Journal of Biomedicine and Biotechnology, 2012, 2012, 1-8.	3.0	30
48	Multilayer neural networks-based control of underwater vehicles with uncertain dynamics and disturbances. Nonlinear Dynamics, 2020, 100, 3555-3573.	2.7	30
49	A new SEAIRD pandemic prediction model with clinical and epidemiological data analysis on COVID-19 outbreak. Applied Intelligence, 2021, 51, 4162-4198.	3.3	30
50	Design of a recommender system for mobile tourism multimedia selection. , 2008, , .		28
51	Optimizing SMOTE by Metaheuristics with Neural Network and Decision Tree. , 2015, , .		28
52	Data Mining in Sporting Activities Created by Sports Trackers. , 2013, , .		27
53	Fuzzy Aspect Based Opinion Classification System for Mining Tourist Reviews. Advances in Fuzzy Systems, 2016, 2016, 1-14.	0.6	27
54	Mining Massive E-Health Data Streams for IoMT Enabled Healthcare Systems. Sensors, 2020, 20, 2131.	2.1	27

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55	An Introduction to COVID-19. SpringerBriefs in Applied Sciences and Technology, 2021, , 1-22.	0.2	27
56	Histogram of Oriented Gradient Based Plantar Pressure Image Feature Extraction and Classification Employing Fuzzy Support Vector Machine. Journal of Medical Imaging and Health Informatics, 2018, 8, 842-854.	0.2	27
57	Bat algorithm for topology optimization in microelectronic applications. , 2012, , .		26
58	How to Build a Chatbot. , 2018, , .		26
59	Gaussian mixture model for texture characterization with application to brain DTI images. Journal of Advanced Research, 2019, 16, 15-23.	4.4	26
60	Towards Enhancement of Performance of K-Means Clustering Using Nature-Inspired Optimization Algorithms. Scientific World Journal, The, 2014, 2014, 1-16.	0.8	25
61	An IoT-Based Smart Controlling System of Air Conditioner for High Energy Efficiency. , 2017, , .		25
62	Dynamic group optimisation algorithm for training feed-forward neural networks. Neurocomputing, 2018, 314, 1-19.	3.5	25
63	Building a diseases symptoms ontology for medical diagnosis: An integrative approach. , 2012, , .		24
64	Countering the concept-drift problems in big data by an incrementally optimized stream mining model. Journal of Systems and Software, 2015, 102, 158-166.	3.3	24
65	Adaptive Incremental Genetic Algorithm for Task Scheduling in Cloud Environments. Symmetry, 2018, 10, 168.	1.1	24
66	Optical pressure sensors based plantar image segmenting using an improved fully convolutional network. Optik, 2019, 179, 99-114.	1.4	24
67	CNN-based 3D object classification using Hough space of LiDAR point clouds. Human-centric Computing and Information Sciences, 2020, 10, .	6.1	24
68	Swarm Search for Feature Selection in Classification. , 2013, , .		23
69	Elitist Binary Wolf Search Algorithm for Heuristic Feature Selection in High-Dimensional Bioinformatics Datasets. Scientific Reports, 2017, 7, 4354.	1.6	23
70	Nonlinear characterization and complexity analysis of cardiocographic examinations using entropy measures. Journal of Supercomputing, 2020, 76, 1305-1320.	2.4	23
71	Clustering algorithm based on nature-inspired approach for energy optimization in heterogeneous wireless sensor network. Applied Soft Computing Journal, 2021, 104, 107171.	4.1	23
72	Web 2.0 Recommendation service by multi-collaborative filtering trust network algorithm. Information Systems Frontiers, 2013, 15, 533-551.	4.1	22

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73	Recent advances in metaheuristic algorithms: Does the Makara dragon exist?. Journal of Supercomputing, 2016, 72, 3764-3786.	2.4	22
74	Automatic Cardiotocography Diagnostic System Based on Hilbert Transform and Adaptive Threshold Technique. IEEE Access, 2019, 7, 73085-73094.	2.6	22
75	Fuzzy observer-based tracking control of an underactuated underwater vehicle with linear velocity estimation. IET Control Theory and Applications, 2020, 14, 584-593.	1.2	22
76	Using causality modeling and Fuzzy Lattice Reasoning algorithm for predicting blood glucose. Expert Systems With Applications, 2013, 40, 7354-7366.	4.4	21
77	Classifying 3D objects in LiDAR point clouds with a back-propagation neural network. Human-centric Computing and Information Sciences, 2018, 8, .	6.1	21
78	Multi-stage optimization of a deep model: A case study on ground motion modeling. PLoS ONE, 2018, 13, e0203829.	1.1	20
79	Forecasting Energy Consumption from Smart Home Sensor Network by Deep Learning. Communications in Computer and Information Science, 2018, , 255-265.	0.4	20
80	Mining Prognosis Index of Brain Metastases Using Artificial Intelligence. Cancers, 2019, 11, 1140.	1.7	20
81	Evaluation of Stream Mining Classifiers for Real-Time Clinical Decision Support System: A Case Study of Blood Glucose Prediction in Diabetes Therapy. BioMed Research International, 2013, 2013, 1-16.	0.9	19
82	Elephant search algorithm applied to data clustering. Soft Computing, 2018, 22, 6035-6046.	2.1	19
83	Swarm Search Methods in Weka for Data Mining. , 2018, , .		19
84	An efficient local binary pattern based plantar pressure optical sensor image classification using convolutional neural networks. Optik, 2019, 185, 543-557.	1.4	19
85	Vision Tracking: A Survey of the State-of-the-Art. SN Computer Science, 2020, 1, 1.	2.3	19
86	Solving the Under-Fitting Problem for Decision Tree Algorithms by Incremental Swarm Optimization in Rare-Event Healthcare Classification. Journal of Medical Imaging and Health Informatics, 2016, 6, 1102-1110.	0.2	19
87	AI-Enabled Technologies that Fight the Coronavirus Outbreak. SpringerBriefs in Applied Sciences and Technology, 2021, , 23-45.	0.2	18
88	A Very Fast Decision Tree Algorithm for Real-Time Data Mining of Imperfect Data Streams in a Distributed Wireless Sensor Network. International Journal of Distributed Sensor Networks, 2012, 8, 863545.	1.3	17
89	Selecting Optimal Feature Set in High-Dimensional Data by Swarm Search. Journal of Applied Mathematics, 2013, 2013, 1-18.	0.4	17
90	Gesture Recognition from Data Streams of Human Motion Sensor Using Accelerated PSO Swarm Search Feature Selection Algorithm. Journal of Sensors, 2015, 2015, 1-16.	0.6	17

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91	Finding approximate solutions of NP-hard optimization and TSP problems using elephant search algorithm. Journal of Supercomputing, 2016, 72, 3960-3992.	2.4	17
92	Multispectral-based opinion classification model for tourist reviews. Expert Systems, 2019, 36, e12371.	2.9	17
93	Comparative Research of Swarm Intelligence Clustering Algorithms for Analyzing Medical Data. IEEE Access, 2019, 7, 137560-137569.	2.6	17
94	Dual feature selection and rebalancing strategy using metaheuristic optimization algorithms in X-ray image datasets. Multimedia Tools and Applications, 2019, 78, 20913-20933.	2.6	17
95	A binary PSO-based ensemble under-sampling model for rebalancing imbalanced training data. Journal of Supercomputing, 2022, 78, 7428-7463.	2.4	17
96	Using Hierarchical Time Series Clustering Algorithm and Wavelet Classifier for Biometric Voice Classification. Journal of Biomedicine and Biotechnology, 2012, 2012, 1-12.	3.0	16
97	Classifying Human Voices by Using Hybrid SFX Time-Series Preprocessing and Ensemble Feature Selection. BioMed Research International, 2013, 2013, 1-27.	0.9	16
98	Wolf search algorithm for numeric association rule mining. , 2016, , .		16
99	Robust High-dimensional Bioinformatics Data Streams Mining by ODR-ioVFDT. Scientific Reports, 2017, 7, 43167.	1.6	16
100	A 3D localisation method in indoor environments for virtual reality applications. Human-centric Computing and Information Sciences, 2017, 7, .	6.1	16
101	Training Classifiers with Shadow Features for Sensor-Based Human Activity Recognition. Sensors, 2017, 17, 476.	2.1	16
102	Solving permutation flow-shop scheduling problem by rhinoceros search algorithm. Soft Computing, 2018, 22, 6025-6034.	2.1	16
103	Bioinspired Computational Approach to Missing Value Estimation. Mathematical Problems in Engineering, 2018, 2018, 1-16.	0.6	16
104	Kestrel-based Search Algorithm (KSA) and Long Short Term Memory (LSTM) Network for feature selection in classification of high-dimensional bioinformatics datasets. , 0, , .		16
105	Stream-based Biomedical Classification Algorithms for Analyzing Biosignals. Journal of Information Processing Systems, 2011, 7, 717-732.	1.0	16
106	Knowledge-empowered automated negotiation system for e-Commerce. Knowledge and Information Systems, 2008, 17, 167-191.	2.1	15
107	Nature-Inspired Clustering Algorithms for Web Intelligence Data. , 2012, , .		15
108	Opportunities and Challenges of Integrating Bio-Inspired Optimization and Data Mining Algorithms. , 2013, , 385-402.		15

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109	Incremental Optimization Mechanism for Constructing a Decision Tree in Data Stream Mining. <i>Mathematical Problems in Engineering</i> , 2013, 2013, 1-14.	0.6	15
110	A novel feature selection by clustering coefficients of variations. , 2014, , .		15
111	Cross Entropy Method Based Hybridization of Dynamic Group Optimization Algorithm. <i>Entropy</i> , 2017, 19, 533.	1.1	15
112	A formal approach to candlestick pattern classification in financial time series. <i>Applied Soft Computing Journal</i> , 2019, 84, 105700.	4.1	15
113	Intelligent energy optimization for advanced IoT analytics edge computing on wireless sensor networks. <i>International Journal of Distributed Sensor Networks</i> , 2020, 16, 155014772090877.	1.3	15
114	Artificial intelligence in ophthalmopathy and ultra-wide field image: A survey. <i>Expert Systems With Applications</i> , 2021, 182, 115068.	4.4	15
115	Rare Events Forecasting Using a Residual-Feedback GMDH Neural Network. , 2012, , .		14
116	Sentiment Analysis of Online News Using MALLET. , 2013, , .		14
117	Robust Skull-Stripping Segmentation Based on Irrational Mask for Magnetic Resonance Brain Images. <i>Journal of Digital Imaging</i> , 2015, 28, 738-747.	1.6	14
118	Multi-view convolutional neural network with leader and long-tail particle swarm optimizer for enhancing heart disease and breast cancer detection. <i>Neural Computing and Applications</i> , 2020, 32, 15469-15488.	3.2	14
119	Artificial Neural Networks in Coordinated Control of Multiple Hovercrafts with Unmodeled Terms. <i>Applied Sciences (Switzerland)</i> , 2018, 8, 862.	1.3	13
120	3D object recognition method with multiple feature extraction from LiDAR point clouds. <i>Journal of Supercomputing</i> , 2019, 75, 4430-4442.	2.4	13
121	Trend following algorithms in automated derivatives market trading. <i>Expert Systems With Applications</i> , 2012, 39, 11378-11390.	4.4	12
122	Countering the Concept-Drift Problem in Big Data Using iOVFDT. , 2013, , .		12
123	3D Reconstruction Framework for Multiple Remote Robots on Cloud System. <i>Symmetry</i> , 2017, 9, 55.	1.1	12
124	Self-Adaptive Pre-Processing Methodology for Big Data Stream Mining in Internet of Things Environmental Sensor Monitoring. <i>Symmetry</i> , 2017, 9, 244.	1.1	12
125	Enhanced ground segmentation method for Lidar point clouds in human-centric autonomous robot systems. <i>Human-centric Computing and Information Sciences</i> , 2019, 9, .	6.1	12
126	Swarm Decision Table and Ensemble Search Methods in Fog Computing Environment: Case of Day-Ahead Prediction of Building Energy Demands Using IoT Sensors. <i>IEEE Internet of Things Journal</i> , 2020, 7, 2321-2342.	5.5	12

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127	Integration of Kestrel-based search algorithm with artificial neural network for feature subset selection. International Journal of Bio-Inspired Computation, 2019, 13, 222.	0.6	12
128	A Framework of Business Intelligence-Driven Data Mining for E-business. , 2009, , .		11
129	Improvised methods for tackling big data stream mining challenges: case study of human activity recognition. Journal of Supercomputing, 2016, 72, 3927-3959.	2.4	11
130	Multifractal analysis of ceramic pottery SEM images in Cucuteni-Tripolye culture. Optik, 2018, 164, 538-546.	1.4	11
131	Medical data mining in sentiment analysis based on optimized swarm search feature selection. Australasian Physical and Engineering Sciences in Medicine, 2018, 41, 1087-1100.	1.4	11
132	A hardware-aware CPU power measurement based on the power-exponent function model for cloud servers. Information Sciences, 2021, 547, 1045-1065.	4.0	11
133	Not every friend on a social network can be trusted: Classifying imposters using decision trees. , 2012, , .		10
134	Performance Evaluation of Frequent Subgraph Discovery Techniques. Mathematical Problems in Engineering, 2014, 2014, 1-6.	0.6	10
135	GPU-Accelerated Foreground Segmentation and Labeling for Real-Time Video Surveillance. Sustainability, 2016, 8, 916.	1.6	10
136	Eidetic Wolf Search Algorithm with a global memory structure. European Journal of Operational Research, 2016, 254, 19-28.	3.5	10
137	Big data analytics for transportation: Problems and prospects for its application in China. , 2016, , .		10
138	Dynamic Group Optimization Algorithm With Embedded Chaos. IEEE Access, 2018, 6, 22728-22743.	2.6	10
139	Development of interventions for an intelligent and individualized mobile health care system to promote healthy diet and physical activity: using an intervention mapping framework. BMC Public Health, 2019, 19, 1311.	1.2	10
140	Designing an Efficient and Secure Credit Card-based Payment System with Web Services Based on the ANSI X9.59-2006. Journal of Information Processing Systems, 2012, 8, 495-520.	1.0	10
141	The Melting Temperature of 99.97 wt.% Al Estimated from Activation Energy for Viscous Flow. European Physical Journal D, 2003, 53, 439-446.	0.4	9
142	User Acceptance Testing of Mobile Payment in Various Scenarios. , 2008, , .		9
143	Atmospheric pattern recognition of human activities on ubiquitous sensor network using data stream mining algorithms. International Journal of Sensor Networks, 2016, 20, 147.	0.2	9
144	Self-regularized causal structure discovery for trajectory-based networks. Journal of Computer and System Sciences, 2016, 82, 594-609.	0.9	9

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145	Location-based big data analytics for guessing the next Foursquare check-ins. Journal of Supercomputing, 2017, 73, 3112-3127.	2.4	9
146	A Novel Sensor Data Pre-Processing Methodology for the Internet of Things Using Anomaly Detection and Transfer-By-Subspace-Similarity Transformation. Sensors, 2019, 19, 4536.	2.1	9
147	A clustering based variable sub-window approach using particle swarm optimisation for biomedical sensor data monitoring. Enterprise Information Systems, 2021, 15, 15-35.	3.3	9
148	Predictive Models for Decision Support in the COVID-19 Crisis. SpringerBriefs in Applied Sciences and Technology, 2021, , .	0.2	9
149	On improving the lightweight video encryption algorithms for real-time video transmission. , 2008, , .		8
150	A web-based performance monitoring system for e-government services. , 2009, , .		8
151	Real-time business intelligence system architecture with stream mining. , 2010, , .		8
152	Data mining and automatic OLAP schema generation. , 2010, , .		8
153	Not Every Friend on a Social Network Can be Trusted: An Online Trust Indexing Algorithm. , 2012, , .		8
154	A map-like visualisation method based on liquid modelling. Journal of Visual Languages and Computing, 2015, 31, 87-103.	1.8	8
155	A decision support system using combined-classifier for high-speed data stream in smart grid. Enterprise Information Systems, 2016, 10, 947-958.	3.3	8
156	Evaluation of Real Time Location System technologies in the health care sector. , 2017, , .		8
157	Counting Passengers in Public Buses by Sensing Carbon Dioxide Concentration. , 2018, , .		8
158	Data stream mining in fog computing environment with feature selection using ensemble of swarm search algorithms. , 2018, , .		8
159	Diabetic plantar pressure analysis using image fusion. Multimedia Tools and Applications, 2020, 79, 11213-11236.	2.6	8
160	AI-Empowered Data Analytics for Coronavirus Epidemic Monitoring and Control. SpringerBriefs in Applied Sciences and Technology, 2021, , 47-71.	0.2	8
161	Adaptive Multi-objective Swarm Crossover Optimization for Imbalanced Data Classification. Lecture Notes in Computer Science, 2016, , 374-390.	1.0	8
162	Kestrel-Based Search Algorithm for Association Rule Mining and Classification of Frequently Changed Items. , 2016, , .		7

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163	A time series pre-processing methodology with statistical and spectral analysis for classifying non-stationary stochastic biosignals. Journal of Supercomputing, 2016, 72, 3887-3908.	2.4	7
164	Rare Event Prediction Using Similarity Majority Under-Sampling Technique. Communications in Computer and Information Science, 2017, , 23-39.	0.4	7
165	Optimized and Frequent Subgraphs: How Are They Related?. IEEE Access, 2018, 6, 37237-37249.	2.6	7
166	Addressing Low Dimensionality Feature Subset Selection: ReliefF(-k) or Extended Correlation-Based Feature Selection(eCFS)?. Advances in Intelligent Systems and Computing, 2020, , 251-260.	0.5	7
167	Multi-stage Clustering Algorithm for Energy Optimization in Wireless Sensor Networks. Communications in Computer and Information Science, 2019, , 223-238.	0.4	7
168	Study concerning the electrical resistivity of some liquid metals in ultrasonic field. European Physical Journal D, 1999, 49, 253-261.	0.4	6
169	Contact tracing in healthcare digital ecosystems for infectious disease control and quarantine management. , 2009, , .		6
170	Wikis as digital ecosystems: An analysis based on authorship. , 2009, , .		6
171	CSET automated negotiation model for optimal supply chain formation. World Review of Science, Technology and Sustainable Development, 2010, 7, 67.	0.3	6
172	A Scalable Data Stream Mining Methodology: Stream-Based Holistic Analytics and Reasoning in Parallel. , 2014, , .		6
173	Hierarchical Classification in Text Mining for Sentiment Analysis. , 2014, , .		6
174	A Critical Review of Security Threats in Cloud Computing. , 2015, , .		6
175	Classifying Forum Questions Using PCA and Machine Learning for Improving Online CQA. Communications in Computer and Information Science, 2015, , 13-22.	0.4	6
176	Dynamic group search algorithm. , 2016, , .		6
177	Self-Adaptive Parameters Optimization for Incremental Classification in Big Data Using Neural Network. International Series on Computer Entertainment and Media Technology, 2016, , 175-196.	0.7	6
178	Predicting the next turn at road junction from big traffic data. Journal of Supercomputing, 2017, 73, 3128-3148.	2.4	6
179	Fast multi-subsequence monitoring on streaming time-series based on Forward-propagation. Information Sciences, 2018, 450, 73-88.	4.0	6
180	A suite of swarm dynamic multi-objective algorithms for rebalancing extremely imbalanced datasets. Applied Soft Computing Journal, 2018, 69, 784-805.	4.1	6

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181	Fast fuzzy subsequence matching algorithms on time-series. Expert Systems With Applications, 2019, 116, 275-284.	4.4	6
182	Could or could not of Grid-Loc: grid BLE structure for indoor localisation system using machine learning. Service Oriented Computing and Applications, 2020, 14, 161-174.	1.3	6
183	Optimizing Classification Decision Trees by Using Weighted Naïve Bayes Predictors to Reduce the Imbalanced Class Problem in Wireless Sensor Network. International Journal of Distributed Sensor Networks, 2013, 9, 460641.	1.3	6
184	Business Intelligence Modeling: A Case Study of Disaster Management Organization in Pakistan. , 2009, , .		5
185	Improving the Accuracy of Incremental Decision Tree Learning Algorithm via Loss Function. , 2013, , .		5
186	Human-Robot Interaction Learning Using Demonstration-Based Learning and <i>Q</i> -Learning in a Pervasive Sensing Environment. International Journal of Distributed Sensor Networks, 2013, 9, 782043.	1.3	5
187	Optimized Swarm Search-Based Feature Selection for Text Mining in Sentiment Analysis. , 2015, , .		5
188	A Generic Service Framework for Stock Market Prediction. , 2016, , .		5
189	GPU-enabled back-propagation artificial neural network for digit recognition in parallel. Journal of Supercomputing, 2016, 72, 3868-3886.	2.4	5
190	Longitudinal Ambient Mobile Sensor Monitoring for TCM-oriented Healthcare Assessments. , 2017, , .		5
191	Generating Neural Networks with Optimal Features through Particle Swarm Optimization. , 2017, , .		5
192	The Comparative Analysis of Smith-Waterman Algorithm with Jaro-Winkler Algorithm for the Detection of Duplicate Health Related Records. , 2018, , .		5
193	White Learning: A White-Box Data Fusion Machine Learning Framework for Extreme and Fast Automated Cancer Diagnosis. IT Professional, 2019, 21, 71-77.	1.4	5
194	A Fast Feature Selection Method Based on Coefficient of Variation for Diabetics Prediction Using Machine Learning. International Journal of Extreme Automation and Connectivity in Healthcare, 2019, 1, 55-65.	0.1	5
195	Bio-inspired energy efficient clustering approach for wireless sensor networks. , 2019, , .		5
196	Towards a Context-Free Machine Universal Grammar (CF-MUG) in Natural Language Processing. IEEE Access, 2020, 8, 165111-165129.	2.6	5
197	A Hybrid Approach to Human Posture Classification During TV Watching. Journal of Medical Imaging and Health Informatics, 2016, 6, 1119-1126.	0.2	5
198	Performance analysis of shared buffer ATM switches with different cell departure models. International Journal of Communication Systems, 1998, 11, 265-274.	1.6	4

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199	The heat transfer coefficient during the solidification of aluminum. European Physical Journal D, 2002, 52, 387-393.	0.4	4
200	Efficient and Secure Card-based Payment System Based on ANSI X9.59-2006. , 2007, , .		4
201	The Application of Trend Following Strategies in Stock Market Trading. , 2009, , .		4
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