

Simon Fong

List of Publications by Year in descending order

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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	A novel approach for CPU load prediction of cloud server combining denoising and error correction. Computing (Vienna/New York), 2023, 105, 577-594.	3.2	4
2	A binary PSO-based ensemble under-sampling model for rebalancing imbalanced training data. Journal of Supercomputing, 2022, 78, 7428-7463.	2.4	17
3	Artificial neural network-based approaches for computer-aided disease diagnosis and treatment. , 2022, , 79-99.		2
4	AI and deep learning for processing the huge amount of patient-centric data that assist in clinical decisions. , 2022, , 101-121.		3
5	A 3D Object Recognition Method From LiDAR Point Cloud Based on USAE-BLS. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 15267-15277.	4.7	4
6	An ambient air quality evaluation model based on improved evidence theory. Scientific Reports, 2022, 12, 5753.	1.6	0
7	Empowering multi-class medical data classification by Group-of-Single-Class-predictors and transfer optimization: Cases of structured dataset by machine learning and radiological images by deep learning. Future Generation Computer Systems, 2022, 133, 10-22.	4.9	2
8	Multi-Label Attribute Selection of Arrhythmia for Electrocardiogram Signals with Fusion Learning. Bioengineering, 2022, 9, 268.	1.6	2
9	A Fast Feature Selection Method Based on Coefficient of Variation for Diabetics Prediction Using Machine Learning. , 2022, , 241-251.		0
10	An Introduction to COVID-19. SpringerBriefs in Applied Sciences and Technology, 2021, , 1-22.	0.2	27
11	AI-Enabled Technologies that Fight the Coronavirus Outbreak. SpringerBriefs in Applied Sciences and Technology, 2021, , 23-45.	0.2	18
12	AI-Empowered Data Analytics for Coronavirus Epidemic Monitoring and Control. SpringerBriefs in Applied Sciences and Technology, 2021, , 47-71.	0.2	8
13	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
14	A hybrid shape-based image clustering using time-series analysis. Multimedia Tools and Applications, 2021, 80, 3793-3808.	2.6	0
15	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
16	Predictive Models for Decision Support in the COVID-19 Crisis. SpringerBriefs in Applied Sciences and Technology, 2021, , .	0.2	9
17	Identifying the Most Feasible Technologies for mHealth Maternal Mortality Interventions in Sub-Saharan Africa. Lecture Notes in Networks and Systems, 2021, , 173-184.	0.5	0
18	Dynamic swarm class rebalancing for the process mining of rare events. Journal of Supercomputing, 2021, 77, 7549-7583.	2.4	0

#	ARTICLE	IF	CITATIONS
19	A new SEAIRD pandemic prediction model with clinical and epidemiological data analysis on COVID-19 outbreak. <i>Applied Intelligence</i> , 2021, 51, 4162-4198.	3.3	30
20	A Novel Pre-processing Method for Enhancing Classification Over Sensor Data Streams Using Subspace Probability Detection. <i>Lecture Notes in Computer Science</i> , 2021, , 38-49.	1.0	0
21	Artificial intelligence in the diagnosis of COVID-19: challenges and perspectives. <i>International Journal of Biological Sciences</i> , 2021, 17, 1581-1587.	2.6	74
22	Convolutional neural network with group theory and random selection particle swarm optimizer for enhancing cancer image classification. <i>Mathematical Biosciences and Engineering</i> , 2021, 18, 5573-5591.	1.0	4
23	A 3D Object Segmentation Method Using CCL Algorithm for LiDAR Point Cloud. <i>Lecture Notes in Electrical Engineering</i> , 2021, , 371-377.	0.3	0
24	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
25	A Supply-chain System Framework Based on Internet of Things Using Blockchain Technology. <i>ACM Transactions on Internet Technology</i> , 2021, 21, 1-24.	3.0	43
26	Guest Editorial: Internet of Things for In-Home Health Monitoring. <i>IEEE Journal on Selected Areas in Communications</i> , 2021, 39, 295-299.	9.7	2
27	Fast and Accurate Terrain Image Classification for ASTER Remote Sensing by Data Stream Mining and Evolutionary-EAC Instance-Learning-Based Algorithm. <i>Remote Sensing</i> , 2021, 13, 1123.	1.8	4
28	Novel evolutionary-EAC instance-learning-based algorithm for fast data stream mining in assisted living with extreme connectivity. <i>Computing (Vienna/New York)</i> , 2021, 103, 1519-1543.	3.2	1
29	Modelling dynamics of coronavirus disease 2019 spread for pandemic forecasting based on Simulink. <i>Physical Biology</i> , 2021, 18, 045003.	0.8	3
30	Clustering algorithm based on nature-inspired approach for energy optimization in heterogeneous wireless sensor network. <i>Applied Soft Computing Journal</i> , 2021, 104, 107171.	4.1	23
31	Discriminable Multi-Label Attribute Selection for Pre-Course Student Performance Prediction. <i>Entropy</i> , 2021, 23, 1252.	1.1	3
32	Artificial intelligence in ophthalmopathy and ultra-wide field image: A survey. <i>Expert Systems With Applications</i> , 2021, 182, 115068.	4.4	15
33	GPU-based parallel Shadow Features generation at neural system for improving gait human activity recognition. <i>Multimedia Tools and Applications</i> , 2021, 80, 12293-12308.	2.6	4
34	An enhanced particle swarm optimization with distribution fields appearance model for object tracking. <i>International Journal of Wavelets, Multiresolution and Information Processing</i> , 2021, 19, 2050065.	0.9	1
35	An ECG data sampling method for home-use IoT ECG monitor system optimization based on brick-up metaheuristic algorithm. <i>Mathematical Biosciences and Engineering</i> , 2021, 18, 9076-9093.	1.0	1
36	Epidemiology Compartmental Models "SIR, SEIR, and SEIR with Intervention. <i>SpringerBriefs in Applied Sciences and Technology</i> , 2021, , 15-39.	0.2	2

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37	Artificial Intelligence Prediction for the COVID-19 Data Based on LSTM Neural Networks and H2O AutoML. SpringerBriefs in Applied Sciences and Technology, 2021, , 69-87.	0.2	3
38	Nonlinear Prediction for the COVID-19 Data Based on Quadratic Kalman Filtering. SpringerBriefs in Applied Sciences and Technology, 2021, , 55-68.	0.2	1
39	Forecasting COVID-19 Time Series Based on an Autoregressive Model. SpringerBriefs in Applied Sciences and Technology, 2021, , 41-54.	0.2	1
40	A Graph Mining Approach for Ranking and Discovering the Interesting Frequent Subgraph Patterns. International Journal of Computational Intelligence Systems, 2021, 14, .	1.6	2
41	Nonlinear characterization and complexity analysis of cardiocotographic examinations using entropy measures. Journal of Supercomputing, 2020, 76, 1305-1320.	2.4	23
42	Diabetic plantar pressure analysis using image fusion. Multimedia Tools and Applications, 2020, 79, 11213-11236.	2.6	8
43	Vision Tracking: A Survey of the State-of-the-Art. SN Computer Science, 2020, 1, 1.	2.3	19
44	Artificial intelligence in cancer diagnosis and prognosis: Opportunities and challenges. Cancer Letters, 2020, 471, 61-71.	3.2	305
45	Intelligent Car Parking System Based on Blockchain Processing Reengineering. Lecture Notes on Data Engineering and Communications Technologies, 2020, , 265-273.	0.5	2
46	Swarm Decision Table and Ensemble Search Methods in Fog Computing Environment: Case of Day-Ahead Prediction of Building Energy Demands Using IoT Sensors. IEEE Internet of Things Journal, 2020, 7, 2321-2342.	5.5	12
47	Intelligent energy optimization for advanced IoT analytics edge computing on wireless sensor networks. International Journal of Distributed Sensor Networks, 2020, 16, 155014772090877.	1.3	15
48	Social Group Optimizationâ€“Assisted Kapurâ€™s Entropy and Morphological Segmentation for Automated Detection of COVID-19 Infection from Computed Tomography Images. Cognitive Computation, 2020, 12, 1011-1023.	3.6	90
49	CNN-based 3D object classification using Hough space of LiDAR point clouds. Human-centric Computing and Information Sciences, 2020, 10, .	6.1	24
50	Towards a Context-Free Machine Universal Grammar (CF-MUG) in Natural Language Processing. IEEE Access, 2020, 8, 165111-165129.	2.6	5
51	White learning methodology: A case study of cancer-related disease factors analysis in real-time PACS environment. Computer Methods and Programs in Biomedicine, 2020, 197, 105724.	2.6	4
52	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
53	Brain Tissue Evaluation Based on Skeleton Shape and Similarity Analysis between Hemispheres. Computation, 2020, 8, 31.	1.0	2
54	An adaptive workload-aware power consumption measuring method for servers in cloud data centers. Computing (Vienna/New York), 2020, , 1.	3.2	4

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55	Correction to "Comparative Research of Swarm Intelligence Clustering Algorithms for Analyzing Medical Data". IEEE Access, 2020, 8, 110251-110251.	2.6	0
56	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
57	Multilayer neural networks-based control of underwater vehicles with uncertain dynamics and disturbances. Nonlinear Dynamics, 2020, 100, 3555-3573.	2.7	30
58	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
59	Multi-view convolutional neural network with leader and long-tail particle swarm optimizer for enhancing heart disease and breast cancer detection. Neural Computing and Applications, 2020, 32, 15469-15488.	3.2	14
60	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
61	Predicting concentration levels of air pollutants by transfer learning and recurrent neural network. Knowledge-Based Systems, 2020, 192, 105622.	4.0	39
62	Composite Monte Carlo decision making under high uncertainty of novel coronavirus epidemic using hybridized deep learning and fuzzy rule induction. Applied Soft Computing Journal, 2020, 93, 106282.	4.1	153
63	Mining Massive E-Health Data Streams for IoMT Enabled Healthcare Systems. Sensors, 2020, 20, 2131.	2.1	27
64	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
65	An ICP-Based Point Clouds Registration Method for Indoor Environment Modeling. Lecture Notes in Electrical Engineering, 2020, , 339-344.	0.3	1
66	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
67	Finding an Accurate Early Forecasting Model from Small Dataset: A Case of 2019-nCoV Novel Coronavirus Outbreak. International Journal of Interactive Multimedia and Artificial Intelligence, 2020, 6, 132.	1.0	123
68	Towards a Realistic Model for Simulating Spread of Infectious COVID-19 Disease. , 2020, , .		1
69	Pattern Mining Approaches Used in Social Media Data. International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems, 2020, 28, 123-152.	0.9	2
70	Orchestration of Thick Data Analytics Based on Conversational Workflows in Healthcare Community of Practice. , 2020, , .		2
71	Analysis of Bluetooth Low Energy RSSI Values for Use as a Real Time Link Quality Indicator for Indoor Location. Lecture Notes in Computer Science, 2020, , 980-991.	1.0	0
72	Hybridized White Learning in Cloud-Based Picture Archiving and Communication System for Predictability and Interpretability. Lecture Notes in Computer Science, 2020, , 511-521.	1.0	0

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73	Quality enhancement of stochastic feature subset selection via genetic algorithms. Assessment in bioinformatics data sets. , 2020, , .		0
74	Teng-Yue algorithm. , 2020, , .		1
75	Broad Learning with Attribute Selection for Rheumatoid Arthritis. , 2020, , .		3
76	Kennard-Stone Balance Algorithm for Time-series Big Data Stream Mining. , 2020, , .		3
77	Internet of Breath (IoB): Integrative Indoor Gas Sensor Applications for Emergency Control and Occupancy Detection. Advances in Intelligent Systems and Computing, 2019, , 342-359.	0.5	2
78	Mining Prognosis Index of Brain Metastases Using Artificial Intelligence. Cancers, 2019, 11, 1140.	1.7	20
79	A formal approach to candlestick pattern classification in financial time series. Applied Soft Computing Journal, 2019, 84, 105700.	4.1	15
80	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
81	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
82	Enhanced ground segmentation method for Lidar point clouds in human-centric autonomous robot systems. Human-centric Computing and Information Sciences, 2019, 9, .	6.1	12
83	Helpfulness-Aware Matrix Factorization for Cross-Category Service Recommendations. , 2019, , .		0
84	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
85	Multiaspectâ€based opinion classification model for tourist reviews. Expert Systems, 2019, 36, e12371.	2.9	17
86	Automated 3-D lung tumor detection and classification by an active contour model and CNN classifier. Expert Systems With Applications, 2019, 134, 112-119.	4.4	81
87	Automatic Cardiotocography Diagnostic System Based on Hilbert Transform and Adaptive Threshold Technique. IEEE Access, 2019, 7, 73085-73094.	2.6	22
88	Comparative Research of Swarm Intelligence Clustering Algorithms for Analyzing Medical Data. IEEE Access, 2019, 7, 137560-137569.	2.6	17
89	An Empirical Study on Performance Server Analysis and URL Phishing Prevention to Improve System Management Through Machine Learning. Lecture Notes in Computer Science, 2019, , 199-207.	1.0	0
90	Fast Incremental Learning With Swarm Decision Table and Stochastic Feature Selection in an IoT Extreme Automation Environment. IT Professional, 2019, 21, 14-26.	1.4	4

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91	Dual feature selection and rebalancing strategy using metaheuristic optimization algorithms in X-ray image datasets. <i>Multimedia Tools and Applications</i> , 2019, 78, 20913-20933.	2.6	17
92	3D object recognition method with multiple feature extraction from LiDAR point clouds. <i>Journal of Supercomputing</i> , 2019, 75, 4430-4442.	2.4	13
93	An efficient local binary pattern based plantar pressure optical sensor image classification using convolutional neural networks. <i>Optik</i> , 2019, 185, 543-557.	1.4	19
94	A Fast Feature Selection Method Based on Coefficient of Variation for Diabetics Prediction Using Machine Learning. <i>International Journal of Extreme Automation and Connectivity in Healthcare</i> , 2019, 1, 55-65.	0.1	5
95	Bio-inspired energy efficient clustering approach for wireless sensor networks. , 2019, , .		5
96	Attribute Reduction Based on Multi-objective Decomposition-Ensemble Optimizer with Rough Set and Entropy. , 2019, , .		2
97	3D Hough Transform Algorithm for Ground Surface Extraction from LiDAR Point Clouds. , 2019, , .		2
98	Fast fuzzy subsequence matching algorithms on time-series. <i>Expert Systems With Applications</i> , 2019, 116, 275-284.	4.4	6
99	Optical pressure sensors based plantar image segmenting using an improved fully convolutional network. <i>Optik</i> , 2019, 179, 99-114.	1.4	24
100	Fragmented plant leaf recognition: Bag-of-features, fuzzy-color and edge-texture histogram descriptors with multi-layer perceptron. <i>Optik</i> , 2019, 181, 639-650.	1.4	31
101	Gaussian mixture model for texture characterization with application to brain DTI images. <i>Journal of Advanced Research</i> , 2019, 16, 15-23.	4.4	26
102	Integration of Kestrel-based search algorithm with artificial neural network for feature subset selection. <i>International Journal of Bio-Inspired Computation</i> , 2019, 13, 222.	0.6	12
103	A GPU-Based Training of BP Neural Network for Healthcare Data Analysis. <i>Lecture Notes in Electrical Engineering</i> , 2019, , 193-198.	0.3	1
104	Multi-stage Clustering Algorithm for Energy Optimization in Wireless Sensor Networks. <i>Communications in Computer and Information Science</i> , 2019, , 223-238.	0.4	7
105	Does the Order of Attributes Play an Important Role in Classification?. <i>Lecture Notes in Computer Science</i> , 2019, , 370-380.	1.0	3
106	Predicting unusual energy consumption events from smart home sensor network by data stream mining with misclassified recall. <i>Journal of Ambient Intelligence and Humanized Computing</i> , 2018, 9, 1197-1221.	3.3	51
107	Similarity Majority Under-Sampling Technique for Easing Imbalanced Classification Problem. <i>Communications in Computer and Information Science</i> , 2018, , 3-23.	0.4	2
108	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

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109	Incremental Optimization Mechanism for Constructing a Balanced Very Fast Decision Tree for Big Data. , 2018, , 111-144.		1
110	Dynamic Group Optimization Algorithm With Embedded Chaos. IEEE Access, 2018, 6, 22728-22743.	2.6	10
111	Fast multi-subsequence monitoring on streaming time-series based on Forward-propagation. Information Sciences, 2018, 450, 73-88.	4.0	6
112	Multifractal analysis of ceramic pottery SEM images in Cucuteni-Tripolye culture. Optik, 2018, 164, 538-546.	1.4	11
113	Solving permutation flow-shop scheduling problem by rhinoceros search algorithm. Soft Computing, 2018, 22, 6025-6034.	2.1	16
114	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
115	Medical cyber-physical systems: A survey. Journal of Medical Systems, 2018, 42, 74.	2.2	147
116	Elephant search algorithm applied to data clustering. Soft Computing, 2018, 22, 6035-6046.	2.1	19
117	Dynamic group search algorithm for solving an engineering problem. Operational Research, 2018, 18, 781-799.	1.3	1
118	Adaptive multi-objective swarm fusion for imbalanced data classification. Information Fusion, 2018, 39, 1-24.	11.7	72
119	Swarm intelligence: past, present and future. Soft Computing, 2018, 22, 5923-5933.	2.1	87
120	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
121	A suite of swarm dynamic multi-objective algorithms for rebalancing extremely imbalanced datasets. Applied Soft Computing Journal, 2018, 69, 784-805.	4.1	6
122	Framework of Temporal Data Stream Mining by Using Incrementally Optimized Very Fast Decision Forest. Studies in Big Data, 2018, , 483-502.	0.8	1
123	Multi-view Convolution Neural Network with Swarm Search Based Hyperparameter Optimization for Enhancing Heart Disease and Breast Cancer Detection. , 2018, , .		2
124	Fast Cluster-learning with Prior Probability from Big Dataset. , 2018, , .		0
125	Study of the Influence on Beauty Brands and Their Products from Chinese Social Network. , 2018, , .		0
126	A 3D Obstacle Classification Method in Point Clouds Using K-NN. , 2018, , .		1

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127	Counting Passengers in Public Buses by Sensing Carbon Dioxide Concentration. , 2018, , .		3
128	Counting Passengers in Public Buses by Sensing Carbon Dioxide Concentration. , 2018, , .		8
129	Classifying 3D objects in LiDAR point clouds with a back-propagation neural network. Human-centric Computing and Information Sciences, 2018, 8, .	6.1	21
130	A Novel Algorithm for Neural Network Architecture Generation, Parameter Optimization and Feature Selection. , 2018, , .		0
131	Experimenting with Clojure on Extracting Medication Information from Clinical Narratives. , 2018, , .		0
132	Data Stream Mining with Swarm Decision Table in Fog Computing Environment. , 2018, , .		3
133	Multi-stage optimization of a deep model: A case study on ground motion modeling. PLoS ONE, 2018, 13, e0203829.	1.1	20
134	The Comparative Analysis of Smith-Waterman Algorithm with Jaro-Winkler Algorithm for the Detection of Duplicate Health Related Records. , 2018, , .		5
135	Forecasting Energy Consumption from Smart Home Sensor Network by Deep Learning. Communications in Computer and Information Science, 2018, , 255-265.	0.4	20
136	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
137	Bioinspired Computational Approach to Missing Value Estimation. Mathematical Problems in Engineering, 2018, 2018, 1-16.	0.6	16
138	Optimized and Frequent Subgraphs: How Are They Related?. IEEE Access, 2018, 6, 37237-37249.	2.6	7
139	A Survey of Data Mining and Deep Learning in Bioinformatics. Journal of Medical Systems, 2018, 42, 139.	2.2	194
140	Artificial Neural Networks in Coordinated Control of Multiple Hovercrafts with Unmodeled Terms. Applied Sciences (Switzerland), 2018, 8, 862.	1.3	13
141	Gaussian Guided Self-Adaptive Wolf Search Algorithm Based on Information Entropy Theory. Entropy, 2018, 20, 37.	1.1	3
142	Carbon Oxides Gases for Occupancy Counting and Emergency Control in Fog Environment. Symmetry, 2018, 10, 66.	1.1	2
143	Adaptive Incremental Genetic Algorithm for Task Scheduling in Cloud Environments. Symmetry, 2018, 10, 168.	1.1	24
144	Benchmarking Swarm Rebalancing Algorithm for Relieving Imbalanced Machine Learning Problems. International Series on Computer Entertainment and Media Technology, 2018, , 1-40.	0.7	0

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145	Performance Evaluation of Shadow Features as a Data Preprocessing Method in Data Mining for Human Activities Recognitions. International Series on Computer Entertainment and Media Technology, 2018, , 41-66.	0.7	1
146	Swarm Search Methods in Weka for Data Mining. , 2018, , .		19
147	Validity-based elephant search algorithm. Operational Research, 2018, 18, 841-863.	1.3	1
148	Data stream mining in fog computing environment with feature selection using ensemble of swarm search algorithms. , 2018, , .		8
149	How to Build a Chatbot. , 2018, , .		26
150	An Efficient Ranking Scheme for Frequent Subgraph Patterns. , 2018, , .		3
151	Dynamic group optimisation algorithm for training feed-forward neural networks. Neurocomputing, 2018, 314, 1-19.	3.5	25
152	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
153	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
154	A Scalable Bluetooth Low Energy Design Model for Sensor Detection for an Indoor Real Time Location System. Lecture Notes in Computer Science, 2018, , 317-330.	1.0	0
155	An adaptive meta-heuristic search for the internet of things. Future Generation Computer Systems, 2017, 76, 486-494.	4.9	31
156	Emerging Service Orchestration Discovery and Monitoring. IEEE Transactions on Services Computing, 2017, 10, 889-901.	3.2	3
157	Design of hand gesture interaction framework on clouds for multiple users. Journal of Supercomputing, 2017, 73, 2851-2866.	2.4	1
158	Location-based big data analytics for guessing the next Foursquare check-ins. Journal of Supercomputing, 2017, 73, 3112-3127.	2.4	9
159	Robust High-dimensional Bioinformatics Data Streams Mining by ODR-ioVFDT. Scientific Reports, 2017, 7, 43167.	1.6	16
160	On Recognizing Abnormal Human Behaviours by Data Stream Mining with Misclassified Recalls. , 2017, , .		1
161	Real-time Decision Rules for Diabetes Therapy Management by Data Stream Mining. IT Professional, 2017, , 1-1.	1.4	4
162	Predicting the next turn at road junction from big traffic data. Journal of Supercomputing, 2017, 73, 3128-3148.	2.4	6

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163	Managing Diabetes Therapy through Datastream Mining. IT Professional, 2017, 19, 50-57.	1.4	3
164	Visual clustering-based apriori ARM methodology for obtaining quality association rules. , 2017, , .		4
165	Evaluation of Real Time Location System technologies in the health care sector. , 2017, , .		8
166	Meta-zoo-heuristic algorithms. , 2017, , .		1
167	Rare Event Prediction Using Similarity Majority Under-Sampling Technique. Communications in Computer and Information Science, 2017, , 23-39.	0.4	7
168	Design and implementation of a same-user identification system in invoked reality space. Multimedia Tools and Applications, 2017, 76, 11429-11447.	2.6	0
169	Elitist Binary Wolf Search Algorithm for Heuristic Feature Selection in High-Dimensional Bioinformatics Datasets. Scientific Reports, 2017, 7, 4354.	1.6	23
170	Development of simulator for invoked reality environmental design. Multimedia Tools and Applications, 2017, 76, 11407-11428.	2.6	1
171	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
172	An IoT-Based Smart Controlling System of Air Conditioner for High Energy Efficiency. , 2017, , .		25
173	Developing residential wireless sensor networks for ECG healthcare monitoring. IEEE Transactions on Consumer Electronics, 2017, 63, 442-449.	3.0	213
174	Facial Feature Based Secure Information Transmission. , 2017, , .		0
175	Big Data Mining Algorithms for Fog Computing. , 2017, , .		2
176	Human Body and Face Detection based Anti-shoulder Attack System on ATM. , 2017, , .		4
177	A DCT-based Information Hiding Method for Network Authentication. , 2017, , .		0
178	A 3D localisation method in indoor environments for virtual reality applications. Human-centric Computing and Information Sciences, 2017, 7, .	6.1	16
179	An Implementation of VR Chemistry Experiment System. , 2017, , .		2
180	Longitudinal Ambient Mobile Sensor Monitoring for TCM-oriented Healthcare Assessments. , 2017, , .		5

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181	Training Classifiers with Shadow Features for Sensor-Based Human Activity Recognition. Sensors, 2017, 17, 476.	2.1	16
182	Energy-Aware Cluster Reconfiguration Algorithm for the Big Data Analytics Platform Spark. Sustainability, 2017, 9, 2357.	1.6	4
183	3D Reconstruction Framework for Multiple Remote Robots on Cloud System. Symmetry, 2017, 9, 55.	1.1	12
184	Self-Adaptive Pre-Processing Methodology for Big Data Stream Mining in Internet of Things Environmental Sensor Monitoring. Symmetry, 2017, 9, 244.	1.1	12
185	Cross Entropy Method Based Hybridization of Dynamic Group Optimization Algorithm. Entropy, 2017, 19, 533.	1.1	15
186	Generating Neural Networks with Optimal Features through Particle Swarm Optimization. , 2017, , .		5
187	Epileptic Seizures Prediction Using Machine Learning Methods. Computational and Mathematical Methods in Medicine, 2017, 2017, 1-10.	0.7	130
188	General Precautions against Security Threats for Computer Networks in SMEs. , 2017, , .		1
189	Real-time Analysis and Visualization for Big Data of Energy Consumption. , 2017, , .		0
190	Impact of advanced parallel or cloud computing technologies for image guided diagnosis and therapy. Journal of X-Ray Science and Technology, 2017, 25, 187-192.	0.7	2
191	Adaptive Swarm Balancing Algorithms for rare-event prediction in imbalanced healthcare data. PLoS ONE, 2017, 12, e0180830.	1.1	34
192	Audiences Counting in Cinema by Detecting Occupied Chairs. Lecture Notes in Electrical Engineering, 2017, , 493-498.	0.3	0
193	Accelerated PSO Swarm Search Feature Selection for Data Stream Mining Big Data. IEEE Transactions on Services Computing, 2016, 9, 33-45.	3.2	192
194	GPU-Accelerated Foreground Segmentation and Labeling for Real-Time Video Surveillance. Sustainability, 2016, 8, 916.	1.6	10
195	Fuzzy Aspect Based Opinion Classification System for Mining Tourist Reviews. Advances in Fuzzy Systems, 2016, 2016, 1-14.	0.6	27
196	Finding approximate solutions of NP-hard optimization and TSP problems using elephant search algorithm. Journal of Supercomputing, 2016, 72, 3960-3992.	2.4	17
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