

Mohammad Elhoseny

List of Publications by Year in descending order

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214
papers

10,665
citations

28274
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42399
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224
all docs

224
docs citations

224
times ranked

7068
citing authors

#	ARTICLE	IF	CITATIONS
1	Computer aided detection of mammographic mass using exact Gaussianâ€™Hermite moments. Journal of Ambient Intelligence and Humanized Computing, 2024, 15, 1139-1147.	4.9	14
2	Multi-objective rain optimization algorithm with WELM model for customer churn prediction in telecommunication sector. Complex & Intelligent Systems, 2023, 9, 3473-3485.	6.5	21
3	An enhanced whale optimization algorithm for vehicular communication networks. International Journal of Communication Systems, 2022, 35, e3953.	2.5	49
4	Deep neural network-based application partitioning and scheduling for hospitals and medical enterprises using IoT assisted mobile fog cloud. Enterprise Information Systems, 2022, 16, .	4.7	54
5	Cost-efficient mobility offloading and task scheduling for microservices IoT applications in container-based fog cloud network. Cluster Computing, 2022, 25, 2061-2083.	5.0	31
6	A hybrid feature selection model based on butterfly optimization algorithm: COVID-19 as a case study. Expert Systems, 2022, 39, e12786.	4.5	27
7	Enhanced WSN Routing Protocol for Internet of Things to Process Multimedia Big Data. Wireless Personal Communications, 2022, 126, 2081-2100.	2.7	2
8	The role of information systems for digital transformation in the private sector: a review of Egyptian SMEs. African Journal of Economic and Management Studies, 2022, 13, 468-479.	1.1	7
9	Automated Colorectal Polyp Classification Using Deep Neural Networks with Colonoscopy Images. International Journal of Fuzzy Systems, 2022, 24, 2525-2537.	4.0	3
10	Hybrid Computational Intelligence Algorithm for Autonomous Handling of COVID-19 Pandemic Emergency in Smart Cities. Sustainable Cities and Society, 2022, 76, 103430.	10.4	7
11	Synergic Deep Learning for Smart Health Diagnosis of COVID-19 for Connected Living and Smart Cities. ACM Transactions on Internet Technology, 2022, 22, 1-14.	4.4	42
12	Hybrid quantum-classical convolutional neural network model for COVID-19 prediction using chest X-ray images. Journal of Computational Design and Engineering, 2022, 9, 343-363.	3.1	49
13	Machine learning in the quantum realm: The state-of-the-art, challenges, and future vision. Expert Systems With Applications, 2022, 194, 116512.	7.6	48
14	Improving Sustainable Vegetation Indices Processing on Low-Cost Architectures. Sustainability, 2022, 14, 2521.	3.2	8
15	SFDWA: Secure and Fault-Tolerant Aware Delay Optimal Workload Assignment Schemes in Edge Computing for Internet of Drone Things Applications. Wireless Communications and Mobile Computing, 2022, 2022, 1-11.	1.2	7
16	Underwater Sensor Multi-Parameter Scheduling for Heterogenous Computing Nodes. ACM Transactions on Sensor Networks, 2022, 18, 1-23.	3.6	1
17	Social Media Big Data Analysis: Towards Enhancing Competitiveness of Firms in a Post-Pandemic World. Journal of Healthcare Engineering, 2022, 2022, 1-14.	1.9	10
18	Advanced Cognitive Algorithm for Biomedical Data Processing: COVID-19 Pattern Recognition as a Case Study. Journal of Healthcare Engineering, 2022, 2022, 1-11.	1.9	7

#	ARTICLE	IF	CITATIONS
19	Blockchain multi-objective optimization approach-enabled secure and cost-efficient scheduling for the Internet of Medical Things (IoMT) in fog-cloud system. Soft Computing, 2022, 26, 6429-6442.	3.6	23
20	A New Model for a Secure Social Media Application. Applied Sciences (Switzerland), 2022, 12, 6375.	2.5	1
21	Leveraging mist and fog for big data analytics in <scp>IoT</scp> environment. Transactions on Emerging Telecommunications Technologies, 2021, 32, e4057.	3.9	14
22	Optimal Deep Learning based Convolution Neural Network for digital forensics Face Sketch Synthesis in internet of things (IoT). International Journal of Machine Learning and Cybernetics, 2021, 12, 3249-3260.	3.6	25
23	An efficient <scp>radix trie</scp>-based semantic visual indexing model for <scp>large-scale</scp> image retrieval in cloud environment. Software - Practice and Experience, 2021, 51, 489-502.	3.6	43
24	Energy-Aware Marine Predators Algorithm for Task Scheduling in IoT-Based Fog Computing Applications. IEEE Transactions on Industrial Informatics, 2021, 17, 5068-5076.	11.3	96
25	Intelligent Group Prediction Algorithm of GPS Trajectory Based on Vehicle Communication. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 3987-3996.	8.0	20
26	Energy-Aware Metaheuristic Algorithm for Industrial-Internet-of-Things Task Scheduling Problems in Fog Computing Applications. IEEE Internet of Things Journal, 2021, 8, 12638-12649.	8.7	52
27	Data Encryption for Internet of Things Applications Based on Catalan Objects and Two Combinatorial Structures. IEEE Transactions on Reliability, 2021, 70, 819-830.	4.6	33
28	ST-DeepHAR: Deep Learning Model for Human Activity Recognition in IoHT Applications. IEEE Internet of Things Journal, 2021, 8, 4969-4979.	8.7	69
29	Application of discrete transforms with selective coefficients for blind image watermarking. Transactions on Emerging Telecommunications Technologies, 2021, 32, e3771.	3.9	22
30	An evolutionary lion optimization algorithm-based image compression technique for biomedical applications. Expert Systems, 2021, 38, .	4.5	58
31	An IoT-Cloud Based Intelligent Computer-aided Diagnosis of Diabetic Retinopathy Stage Classification Using Deep Learning Approach. Computers, Materials and Continua, 2021, 66, 1665-1680.	1.9	19
32	Fully Automatic Segmentation of Gynaecological Abnormality Using a New Viola-Jones Model. Computers, Materials and Continua, 2021, 66, 3161-3182.	1.9	18
33	Identification of trusted IoT devices for secure delegation. Computers and Electrical Engineering, 2021, 90, 106988.	4.8	10
34	An efficient heap-based optimization algorithm for parameters identification of proton exchange membrane fuel cells model: Analysis and case studies. International Journal of Hydrogen Energy, 2021, 46, 11908-11925.	7.1	33
35	A Conceptual Hybrid Approach from a Multicriteria Perspective for Sustainable Third-Party Reverse Logistics Provider Identification. Sustainability, 2021, 13, 4615.	3.2	11
36	An Adaptive Protection of Flooding Attacks Model for Complex Network Environments. Security and Communication Networks, 2021, 2021, 1-17.	1.5	38

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37	Data Reduction Model for Balancing Indexing and Securing Resources in the Internet-of-Things Applications. IEEE Internet of Things Journal, 2021, 8, 5953-5972.	8.7	12
38	Computational Intelligence-Based Financial Crisis Prediction Model Using Feature Subset Selection with Optimal Deep Belief Network. Big Data, 2021, 9, 100-115.	3.4	19
39	Performance analysis for similarity data fusion model for enabling time series indexing in internet of things applications. PeerJ Computer Science, 2021, 7, e500.	4.5	6
40	Real-time evaluation of different indexes in precision agriculture using a heterogeneous embedded system. Sustainable Computing: Informatics and Systems, 2021, 30, 100506.	2.2	12
41	Green Communication for Sixth-Generation Intent-Based Networks: An Architecture Based on Hybrid Computational Intelligence Algorithm. Wireless Communications and Mobile Computing, 2021, 2021, 1-13.	1.2	3
42	Secure blockchain enabled Cyber-physical systems in healthcare using deep belief network with ResNet model. Journal of Parallel and Distributed Computing, 2021, 153, 150-160.	4.1	164
43	IoT Solution for AI-Enabled PRIVACY-PREServing with Big Data Transferring: An Application for Healthcare Using Blockchain. Energies, 2021, 14, 5364.	3.1	19
44	An Optimized Framework for WSN Routing in the Context of Industry 4.0. Sensors, 2021, 21, 6474.	3.8	64
45	An effective metaheuristic based node localization technique for wireless sensor networks enabled indoor communication. Physical Communication, 2021, 48, 101411.	2.1	22
46	Deep Learning based Optimal Multimodal Fusion Framework for Intrusion Detection Systems for Healthcare Data. Computers, Materials and Continua, 2021, 66, 2555-2571.	1.9	16
47	Security and Privacy Issues in Medical Internet of Things: Overview, Countermeasures, Challenges and Future Directions. Sustainability, 2021, 13, 11645.	3.2	40
48	Return Rate Prediction in Blockchain Financial Products Using Deep Learning. Sustainability, 2021, 13, 11901.	3.2	10
49	Cognitive computing-based COVID-19 detection on Internet of things-enabled edge computing environment. Soft Computing, 2021, , 1-12.	3.6	9
50	Quantum Chain of Things (QCoT): A New Paradigm for Integrating Quantum Computing, Blockchain, and Internet of Things. , 2021, , .		8
51	Secure Automated Forensic Investigation for Sustainable Critical Infrastructures Compliant with Green Computing Requirements. IEEE Transactions on Sustainable Computing, 2020, 5, 174-191.	3.1	30
52	Raspberry Pi assisted face recognition framework for enhanced law-enforcement services in smart cities. Future Generation Computer Systems, 2020, 108, 995-1007.	7.5	127
53	Optimal feature level fusion based ANFIS classifier for brain MRI image classification. Concurrency Computation Practice and Experience, 2020, 32, e4887.	2.2	52
54	A-COA: an adaptive cuckoo optimization algorithm for continuous and combinatorial optimization. Neural Computing and Applications, 2020, 32, 681-705.	5.6	18

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55	Deep learning model for real-time image compression in Internet of Underwater Things (IoUT). Journal of Real-Time Image Processing, 2020, 17, 2097-2111.	3.5	119
56	Reliable Data Transmission Model for Mobile Ad Hoc Network Using Signcryption Technique. IEEE Transactions on Reliability, 2020, 69, 1077-1086.	4.6	104
57	Parameter identification of two dimensional digital filters using electro-magnetism optimization. Multimedia Tools and Applications, 2020, 79, 5005-5022.	3.9	6
58	Modeling neutrosophic variables based on particle swarm optimization and information theory measures for forest fires. Journal of Supercomputing, 2020, 76, 2339-2356.	3.6	12
59	Multi-object Detection and Tracking (MODT) Machine Learning Model for Real-Time Video Surveillance Systems. Circuits, Systems, and Signal Processing, 2020, 39, 611-630.	2.0	123
60	Internet of Vehicles Over Named Data Networking: Current Status and Future Challenges. Studies in Systems, Decision and Control, 2020, , 83-99.	1.0	9
61	Energy Efficient Optimal Routing for Communication in VANETs via Clustering Model. Studies in Systems, Decision and Control, 2020, , 1-14.	1.0	34
62	An efficient hierarchical clustering protocol for multihop Internet of vehicles communication. Transactions on Emerging Telecommunications Technologies, 2020, 31, e3690.	3.9	82
63	Intelligent firefly-based algorithm with Levy distribution (FF-L) for multicast routing in vehicular communications. Expert Systems With Applications, 2020, 140, 112889.	7.6	39
64	Challenges and recommended technologies for the industrial internet of things: A comprehensive review. Measurement: Journal of the International Measurement Confederation, 2020, 151, 107198.	5.0	118
65	Unsupervised Model for Detecting Plagiarism in Internet-based Handwritten Arabic Documents. Journal of Organizational and End User Computing, 2020, 32, 42-66.	2.9	32
66	Swarm intelligenceâ€based energy efficient clustering with multihop routing protocol for sustainable wireless sensor networks. International Journal of Distributed Sensor Networks, 2020, 16, 155014772094913.	2.2	38
67	DeepH-DTA: Deep Learning for Predicting Drug-Target Interactions: A Case Study of COVID-19 Drug Repurposing. IEEE Access, 2020, 8, 170433-170451.	4.2	36
68	Energy efficient clustering with disease diagnosis model for IoT based sustainable healthcare systems. Sustainable Computing: Informatics and Systems, 2020, 28, 100453.	2.2	33
69	An Optimal Least Square Support Vector Machine Based Earnings Prediction of Blockchain Financial Products. IEEE Access, 2020, 8, 120321-120330.	4.2	46
70	Towards automated SCADA forensic investigation: challenges, opportunities and promising paradigms. International Journal of Information and Computer Security, 2020, 13, 268.	0.2	0
71	Special Issue on â€Cognitive Big Data Analytics for Intelligent Information Systemsâ€. Information Systems and E-Business Management, 2020, 18, 485-486.	3.7	2
72	An Efficient Framework for Secure Image Archival and Retrieval System Using Multiple Secret Share Creation Scheme. IEEE Access, 2020, 8, 144310-144320.	4.2	22

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73	A model for the effective COVID-19 identification in uncertainty environment using primary symptoms and CT scans. Health Informatics Journal, 2020, 26, 3088-3105.	2.1	28
74	Kernel learning for blind image recovery from motion blur. Multimedia Tools and Applications, 2020, 79, 21873-21887.	3.9	4
75	Semantic-k-NN algorithm: An enhanced version of traditional k-NN algorithm. Expert Systems With Applications, 2020, 151, 113374.	7.6	46
76	Highly Reliable and Low-Complexity Image Compression Scheme Using Neighborhood Correlation Sequence Algorithm in WSN. IEEE Transactions on Reliability, 2020, 69, 1398-1423.	4.6	74
77	A Hybrid COVID-19 Detection Model Using an Improved Marine Predators Algorithm and a Ranking-Based Diversity Reduction Strategy. IEEE Access, 2020, 8, 79521-79540.	4.2	138
78	Improved Feature Selection Model for Big Data Analytics. IEEE Access, 2020, 8, 66989-67004.	4.2	114
79	Hybridization of firefly and Improved Multi-Objective Particle Swarm Optimization algorithm for energy efficient load balancing in Cloud Computing environments. Journal of Parallel and Distributed Computing, 2020, 142, 36-45.	4.1	131
80	Deep learning with LSTM based distributed data mining model for energy efficient wireless sensor networks. Physical Communication, 2020, 40, 101097.	2.1	97
81	Weakly Supervised Deep Learning for Objects Detection from Images. Studies in Distributed Intelligence, 2020, , 231-242.	0.6	11
82	Privacy Preserving Blockchain Technique to Achieve Secure and Reliable Sharing of IoT Data. Computers, Materials and Continua, 2020, 65, 87-107.	1.9	62
83	Improved Models for Time Series Cluster Representation Based Dynamic Time Warping. , 2020, , .		0
84	Intelligent Multimedia Applications in Wavelet Domain: New Trends and Future Research Directions. , 2020, , 137-144.		0
85	Secure Image Processing and Transmission Schema in Cluster-Based Wireless Sensor Network. , 2020, , 698-715.		1
86	Dynamic Wireless Sensor Networks. Studies in Systems, Decision and Control, 2019, , .	1.0	18
87	Hierarchical and Clustering WSN Models: Their Requirements for Complex Applications. Studies in Systems, Decision and Control, 2019, , 53-71.	1.0	8
88	Secure Data Transmission in WSN: An Overview. Studies in Systems, Decision and Control, 2019, , 115-143.	1.0	23
89	Multi-layer security of medical data through watermarking and chaotic encryption for tele-health applications. Multimedia Tools and Applications, 2019, 78, 3457-3470.	3.9	180
90	An Encryption Model for Data Processing in WSN. Studies in Systems, Decision and Control, 2019, , 145-169.	1.0	5

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91	An approach for de-noising and contrast enhancement of retinal fundus image using CLAHE. Optics and Laser Technology, 2019, 110, 87-98.	4.6	190
92	A new binary salp swarm algorithm: development and application for optimization tasks. Neural Computing and Applications, 2019, 31, 1641-1663.	5.6	104
93	Expand Mobile WSN Coverage in Harsh Environments. Studies in Systems, Decision and Control, 2019, , 29-52.	1.0	12
94	Optimizing Cluster Head Selection in WSN to Prolong Its Existence. Studies in Systems, Decision and Control, 2019, , 93-111.	1.0	6
95	EoT-driven hybrid ambient assisted living framework with naïve Bayes and firefly algorithm. Neural Computing and Applications, 2019, 31, 1275-1300.	5.6	36
96	A Hybrid Artificial Intelligence and Internet of Things Model for Generation of Renewable Resource of Energy. IEEE Access, 2019, 7, 111181-111191.	4.2	97
97	Improved DGA Domain Names Detection and Categorization Using Deep Learning Architectures with Classical Machine Learning Algorithms. Advanced Sciences and Technologies for Security Applications, 2019, , 161-192.	0.5	7
98	Optimal Lightweight Encryption Based Secret Share Creation Scheme for Digital Images in Wireless Sensor Networks. Lecture Notes in Electrical Engineering, 2019, , 115-129.	0.4	1
99	Optimal tuning of decentralized fractional order PID controllers for TITO process using equivalent transfer function. Cognitive Systems Research, 2019, 58, 292-303.	2.7	55
100	Deep Learning Framework for Cyber Threat Situational Awareness Based on Email and URL Data Analysis. Advanced Sciences and Technologies for Security Applications, 2019, , 87-124.	0.5	21
101	An Optimal Lightweight RECTANGLE Block Cipher for Secure Image Transmission in Wireless Sensor Networks. Lecture Notes in Electrical Engineering, 2019, , 33-47.	0.4	1
102	Optimal Data Hiding Key in Encrypted Images Based Digital Image Security in Wireless Sensor Networks. Lecture Notes in Electrical Engineering, 2019, , 99-113.	0.4	0
103	Multiple Share Creation with Optimal Hash Function for Image Security in WSN Aid of OGWO. Lecture Notes in Electrical Engineering, 2019, , 131-146.	0.4	1
104	Intelligent Diagnostic Prediction and Classification System for Chronic Kidney Disease. Scientific Reports, 2019, 9, 9583.	3.3	120
105	Cosine similarity measures of bipolar neutrosophic set for diagnosis of bipolar disorder diseases. Artificial Intelligence in Medicine, 2019, 101, 101735.	6.5	85
106	Lower the loss ratio when using a Fibonacci Indicator Retracement to Restore Accuracy by Avoiding Wrong Forecasts using enhanced indicators. , 2019, , .		0
107	A New Distance Vector-Hop Localization Algorithm Based on Half-Measure Weighted Centroid. Mobile Information Systems, 2019, 2019, 1-9.	0.6	13
108	Intelligent data aggregation inspired paradigm and approaches in IoT applications. Journal of Intelligent and Fuzzy Systems, 2019, 37, 3-7.	1.4	8

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109	Efficient Fire Detection for Uncertain Surveillance Environment. IEEE Transactions on Industrial Informatics, 2019, 15, 3113-3122.	11.3	184
110	An Optimal Haar Wavelet with Light Weight Cryptography Based Secret Data Hiding on Digital Images in Wireless Sensor Networks. Lecture Notes in Electrical Engineering, 2019, , 65-81.	0.4	1
111	An Optimal Singular Value Decomposition with LWC-RECTANGLE Block Cipher Based Digital Image Watermarking in Wireless Sensor Networks. Lecture Notes in Electrical Engineering, 2019, , 83-98.	0.4	4
112	A Local Information Sensing-Based Broadcast Scheme for Disseminating Emergency Safety Messages in IoV. Mobile Information Systems, 2019, 2019, 1-11.	0.6	11
113	An Efficient Image Encryption Scheme Based on Signcryption Technique with Adaptive Elephant Herding Optimization. Advanced Sciences and Technologies for Security Applications, 2019, , 31-42.	0.5	19
114	An Optimal Light Weight Cryptographyâ€”SIMON Block Cipher for Secure Image Transmission in Wireless Sensor Networks. Lecture Notes in Electrical Engineering, 2019, , 17-32.	0.4	1
115	Research on Efficient Data Forwarding in Vehicular Networks. Mobile Information Systems, 2019, 2019, 1-2.	0.6	2
116	An Optimal Lightweight Cryptographic Hash Function for Secure Image Transmission in Wireless Sensor Networks. Lecture Notes in Electrical Engineering, 2019, , 49-64.	0.4	4
117	Intelligent trajectory planning model for electric vehicle in unknown environment. Journal of Intelligent and Fuzzy Systems, 2019, 37, 397-407.	1.4	12
118	Optimal bilateral filter and Convolutional Neural Network based denoising method of medical image measurements. Measurement: Journal of the International Measurement Confederation, 2019, 143, 125-135.	5.0	147
119	Effective features to classify ovarian cancer data in internet of medical things. Computer Networks, 2019, 159, 147-156.	5.1	70
120	Computer network security evaluation simulation model based on neural network. Journal of Intelligent and Fuzzy Systems, 2019, 37, 3197-3204.	1.4	62
121	Multiobjective feature selection for microarray data via distributed parallel algorithms. Future Generation Computer Systems, 2019, 100, 952-981.	7.5	30
122	Equivalent mechanism: Releasing location data with errors through differential privacy. Future Generation Computer Systems, 2019, 98, 600-608.	7.5	21
123	A Heterogeneous IoV Architecture for Data Forwarding in Vehicle to Infrastructure Communication. Mobile Information Systems, 2019, 2019, 1-12.	0.6	40
124	Region-based scalable smart system for anomaly detection in pedestrian walkways. Computers and Electrical Engineering, 2019, 75, 146-160.	4.8	59
125	Real-time detection of cole diseases and insect pests in wireless sensor networks. Journal of Intelligent and Fuzzy Systems, 2019, 37, 3513-3524.	1.4	18
126	Special issue on machine learning applications for self-organized wireless sensor networks. Neural Computing and Applications, 2019, 31, 1-2.	5.6	10

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127	Dual watermarking framework for privacy protection and content authentication of multimedia. Future Generation Computer Systems, 2019, 94, 654-673.	7.5	140
128	Data Security and Challenges in Smart Cities. Lecture Notes in Intelligent Transportation and Infrastructure, 2019, , 117-142.	0.5	39
129	Feature selection based on artificial bee colony and gradient boosting decision tree. Applied Soft Computing Journal, 2019, 74, 634-642.	7.2	384
130	Blockchains for Smart Cities: A Survey. Lecture Notes in Intelligent Transportation and Infrastructure, 2019, , 193-210.	0.5	11
131	Collaborative task assignment of interconnected, affective robots towards autonomous healthcare assistant. Future Generation Computer Systems, 2019, 92, 241-251.	7.5	31
132	A novel PSO algorithm for dynamic wireless sensor network multiobjective optimization problem. Transactions on Emerging Telecommunications Technologies, 2019, 30, e3523.	3.9	20
133	Biomechanics of artificial intervertebral disc with different materials using finite element method. Soft Computing, 2019, 23, 9215-9236.	3.6	2
134	An efficient Swarm-Intelligence approach for task scheduling in cloud-based internet of things applications. Journal of Ambient Intelligence and Humanized Computing, 2019, 10, 3469-3479.	4.9	129
135	Modelling the spice parameters of SOI MOSFET using a combinational algorithm. Cluster Computing, 2019, 22, 4683-4692.	5.0	27
136	Intelligent Bézier curve-based path planning model using Chaotic Particle Swarm Optimization algorithm. Cluster Computing, 2019, 22, 4745-4766.	5.0	161
137	Extended Genetic Algorithm for solving open-shop scheduling problem. Soft Computing, 2019, 23, 5099-5116.	3.6	133
138	The impact of the hybrid platform of internet of things and cloud computing on healthcare systems: opportunities, challenges, and open problems. Journal of Ambient Intelligence and Humanized Computing, 2019, 10, 4151-4166.	4.9	279
139	Mobile Object Tracking in Wide Environments Using WSNs. Studies in Systems, Decision and Control, 2019, , 3-28.	1.0	8
140	Extending Homogeneous WSN Lifetime in Dynamic Environments Using the Clustering Model. Studies in Systems, Decision and Control, 2019, , 73-92.	1.0	10
141	Using Wireless Sensor to Acquire Live Data on a SCADA System, Towards Monitoring File Integrity. Studies in Systems, Decision and Control, 2019, , 171-191.	1.0	2
142	Optimal Stream Encryption for Multiple Shares of Images by Improved Cuckoo Search Model. Lecture Notes in Electrical Engineering, 2019, , 147-161.	0.4	0
143	A multi-objective transportation model under neutrosophic environment. Computers and Electrical Engineering, 2018, 69, 705-719.	4.8	110
144	Secure and Robust Fragile Watermarking Scheme for Medical Images. IEEE Access, 2018, 6, 10269-10278.	4.2	189

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145	A machine learning model for improving healthcare services on cloud computing environment. Measurement: Journal of the International Measurement Confederation, 2018, 119, 117-128.	5.0	171
146	An Empirical Analysis of User Behavior for P2P IPTV Workloads. Advances in Intelligent Systems and Computing, 2018, , 252-263.	0.6	14
147	A Framework for Big Data Analysis in Smart Cities. Advances in Intelligent Systems and Computing, 2018, , 405-414.	0.6	52
148	Automatic removal of complex shadows from indoor videos using transfer learning and dynamic thresholding. Computers and Electrical Engineering, 2018, 70, 813-825.	4.8	75
149	Recognizing human activity in mobile crowdsensing environment using optimized k -NN algorithm. Expert Systems With Applications, 2018, 107, 32-44.	7.6	98
150	Secure Medical Data Transmission Model for IoT-Based Healthcare Systems. IEEE Access, 2018, 6, 20596-20608.	4.2	427
151	A hybrid model of Internet of Things and cloud computing to manage big data in health services applications. Future Generation Computer Systems, 2018, 86, 1383-1394.	7.5	260
152	Quantum Key Distribution Over Multi-point Communication System: An Overview. Studies in Big Data, 2018, , 101-121.	1.1	1
153	An Efficient Scheme for Video Delivery in Wireless Networks. Studies in Big Data, 2018, , 207-225.	1.1	3
154	Multi-parties Quantum Secure Direct Communication with Authentication. Studies in Big Data, 2018, , 143-184.	1.1	1
155	Optimizing K-coverage of mobile WSNs. Expert Systems With Applications, 2018, 92, 142-153.	7.6	137
156	Quantum Computing and Cryptography: An Overview. Studies in Big Data, 2018, , 63-100.	1.1	3
157	IPsec Multicast Architecture Based on Quantum Key Distribution, Quantum Secret Sharing and Measurement. Studies in Big Data, 2018, , 123-142.	1.1	0
158	Computer-Aided Acute Lymphoblastic Leukemia Diagnosis System Based on Image Analysis. Studies in Computational Intelligence, 2018, , 131-147.	0.9	51
159	Different Architectures of Quantum Key Distribution Network. Studies in Big Data, 2018, , 41-61.	1.1	0
160	Multimodal Biometric Personal Identification and Verification. Studies in Computational Intelligence, 2018, , 249-276.	0.9	20
161	Bezier Curve Based Path Planning in a Dynamic Field using Modified Genetic Algorithm. Journal of Computational Science, 2018, 25, 339-350.	2.9	185
162	Self-maintenance model for Wireless Sensor Networks. Computers and Electrical Engineering, 2018, 70, 799-812.	4.8	102

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163	Robust general N user authentication scheme in a centralized quantum communication network via generalized GHZ states. <i>Frontiers of Physics</i> , 2018, 13, 1.	5.0	56
164	NoSQL Injection Attack Detection in Web Applications Using RESTful Service. <i>Programming and Computer Software</i> , 2018, 44, 435-444.	0.9	44
165	An Efficient Optimal Key Based Chaos Function for Medical Image Security. <i>IEEE Access</i> , 2018, 6, 77145-77154.	4.2	97
166	Emotion recognition using empirical mode decomposition and approximation entropy. <i>Computers and Electrical Engineering</i> , 2018, 72, 383-392.	4.8	59
167	A secure real-time internet of medical smart things (IOMST). <i>Computers and Electrical Engineering</i> , 2018, 72, 455-467.	4.8	21
168	Trust-based secure clustering in WSN-based intelligent transportation systems. <i>Computer Networks</i> , 2018, 146, 151-158.	5.1	121
169	Systems thinking for developing sustainable complex smart cities based on self-regulated agent systems and fog computing. <i>Sustainable Computing: Informatics and Systems</i> , 2018, 19, 204-213.	2.2	21
170	Exploring New Vista of intelligent collaborative filtering: A restaurant recommendation paradigm. <i>Journal of Computational Science</i> , 2018, 27, 168-182.	2.9	24
171	Energy efficient collaborative proactive routing protocol for Wireless Sensor Network. <i>Computer Networks</i> , 2018, 142, 154-167.	5.1	46
172	A Fast and Accurate Retina Image Verification Method Based on Structure Similarity. , 2018, , .		7
173	Automated toxicity test model based on a bio-inspired technique and AdaBoost classifier. <i>Computers and Electrical Engineering</i> , 2018, 71, 346-358.	4.8	5
174	Hybrid Rough Neural Network Model for Signature Recognition. <i>Studies in Computational Intelligence</i> , 2018, , 295-318.	0.9	24
175	Efficient Schemes for Payout Latency Reduction in P2P-VoD Systems. <i>Studies in Computational Intelligence</i> , 2018, , 477-495.	0.9	11
176	Autonomic Self-healing Approach to Eliminate Hardware Faults in Wireless Sensor Networks. <i>Advances in Intelligent Systems and Computing</i> , 2018, , 151-160.	0.6	12
177	Intelligent Algorithms for Optimal Selection of Virtual Machine in Cloud Environment, Towards Enhance Healthcare Services. <i>Advances in Intelligent Systems and Computing</i> , 2018, , 289-298.	0.6	20
178	Cascade Multimodal Biometric System Using Fingerprint and Iris Patterns. <i>Advances in Intelligent Systems and Computing</i> , 2018, , 590-599.	0.6	14
179	Evaluating Learnersâ€™ Progress in Smart Learning Environment. <i>Advances in Intelligent Systems and Computing</i> , 2018, , 734-744.	0.6	7
180	A New Model for Detecting Similarity in Arabic Documents. <i>Advances in Intelligent Systems and Computing</i> , 2018, , 488-499.	0.6	1

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181	Proposal for a Quantum-Based Memory for Storing Classical Information and the Connection Between Molecular Dynamics Simulations and the Landauer's Principle. <i>Studies in Big Data</i> , 2018, , 291-316.	1.1	0
182	A Genetic Algorithm-Based, Dynamic Clustering Method Towards Improved WSN Longevity. <i>Journal of Network and Systems Management</i> , 2017, 25, 21-46.	4.9	180
183	Equilibrium charge distribution on a finite straight one-dimensional wire. <i>European Journal of Physics</i> , 2017, 38, 055202.	0.6	13
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