

Anand Nayyar

List of Publications by Year in descending order

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Version: 2024-02-01

219
papers

6,073
citations

101384

36
h-index

123241

61
g-index

242
all docs

242
docs citations

242
times ranked

3732
citing authors

#	ARTICLE	IF	CITATIONS
1	Machine Learning from Theory to Algorithms: An Overview. Journal of Physics: Conference Series, 2018, 1142, 012012.	0.3	278
2	COVID-19 cases prediction by using hybrid machine learning and beetle antennae search approach. Sustainable Cities and Society, 2021, 66, 102669.	5.1	230
3	Agriculture drones: A modern breakthrough in precision agriculture. Journal of Statistics and Management Systems, 2017, 20, 507-518.	0.3	204
4	BHEEM: A Blockchain-Based Framework for Securing Electronic Health Records. , 2018, , .		176
5	Fog computing: from architecture to edge computing and big data processing. Journal of Supercomputing, 2019, 75, 2070-2105.	2.4	168
6	A Novel Smart Healthcare Design, Simulation, and Implementation Using Healthcare 4.0 Processes. IEEE Access, 2020, 8, 118433-118471.	2.6	156
7	An Overview of IoT Sensor Data Processing, Fusion, and Analysis Techniques. Sensors, 2020, 20, 6076.	2.1	142
8	Improved Handwritten Digit Recognition Using Convolutional Neural Networks (CNN). Sensors, 2020, 20, 3344.	2.1	140
9	SDN-based real-time urban traffic analysis in VANET environment. Computer Communications, 2020, 149, 162-175.	3.1	119
10	Smart traffic monitoring system using Unmanned Aerial Vehicles (UAVs). Computer Communications, 2020, 157, 434-443.	3.1	116
11	Virtual Reality (VR) & Augmented Reality (AR) technologies for tourism and hospitality industry. International Journal of Engineering and Technology(UAE), 2018, 7, 156.	0.2	112
12	Sarcasm Detection Using Soft Attention-Based Bidirectional Long Short-Term Memory Model With Convolution Network. IEEE Access, 2019, 7, 23319-23328.	2.6	109
13	Smart farming. , 2016, , .		107
14	Blockchain and Fog Based Architecture for Internet of Everything in Smart Cities. Future Internet, 2020, 12, 61.	2.4	106
15	Movie Recommender System Using K-Means Clustering AND K-Nearest Neighbor. , 2019, , .		87
16	Advancing Modern Healthcare With Nanotechnology, Nanobiosensors, and Internet of Nano Things: Taxonomies, Applications, Architecture, and Challenges. IEEE Access, 2020, 8, 65230-65266.	2.6	82
17	Internet of Robotic Things: Driving Intelligent Robotics of Future - Concept, Architecture, Applications and Technologies. , 2018, , .		74
18	Home energy management system (HEMS): concept, architecture, infrastructure, challenges and energy management schemes. Energy Systems, 2022, 13, 643-669.	1.8	74

#	ARTICLE	IF	CITATIONS
19	Green Internet of Things (G-IoT). Advances in Data Mining and Database Management Book Series, 2019, , 379-405.	0.4	74
20	Brain-Computer Interface-Based Humanoid Control: A Review. Sensors, 2020, 20, 3620.	2.1	63
21	Convolutional neural network based early fire detection. Multimedia Tools and Applications, 2020, 79, 9083-9099.	2.6	62
22	Flying Adhoc Network (FANETs): Simulation Based Performance Comparison of Routing Protocols: AODV, DSDV, DSR, OLSR, AOMDV and HWMP. , 2018, , .		61
23	A Novel Deep-Learning-Based Bug Severity Classification Technique Using Convolutional Neural Networks and Random Forest with Boosting. Sensors, 2019, 19, 2964.	2.1	57
24	bSSA: Binary Salp Swarm Algorithm With Hybrid Data Transformation for Feature Selection. IEEE Access, 2021, 9, 14867-14882.	2.6	57
25	The Internet of Drone Things (IoDT): Future Envision of Smart Drones. Advances in Intelligent Systems and Computing, 2020, , 563-580.	0.5	56
26	Emerging use of UAVs™s: secure communication protocol issues and challenges. , 2020, , 37-55.		53
27	WBAN: Driving e-healthcare Beyond Telemedicine to Remote Health Monitoring. , 2019, , 89-119.		52
28	Research on Auto-Scaling of Web Applications in Cloud: Survey, Trends and Future Directions. Scalable Computing, 2019, 20, 399-432.	0.7	50
29	A Critical Analysis of Methodologies for Detection and Classification of Power Quality Events in Smart Grid. IEEE Access, 2021, 9, 83507-83534.	2.6	49
30	T2FL-PSO: Type-2 Fuzzy Logic-Based Particle Swarm Optimization Algorithm Used to Maximize the Lifetime of Internet of Things. IEEE Access, 2021, 9, 63966-63979.	2.6	47
31	APD-JFAD: Accurate Prevention and Detection of Jelly Fish Attack in MANET. IEEE Access, 2018, 6, 56954-56965.	2.6	46
32	Authentication Protocol for Cloud Databases Using Blockchain Mechanism. Sensors, 2019, 19, 4444.	2.1	46
33	Blockchain-based efficient communication for food supply chain industry: Transparency and traceability analysis for sustainable business. International Journal of Communication Systems, 2021, 34, e4696.	1.6	45
34	Predicting Employee Attrition using XGBoost Machine Learning Approach. , 2018, , .		44
35	Towards Pattern-Based Change Verification Framework for Cloud-Enabled Healthcare Component-Based. IEEE Access, 2020, 8, 148007-148020.	2.6	44
36	Blended Learning Tools and Practices: A Comprehensive Analysis. IEEE Access, 2021, 9, 85151-85197.	2.6	44

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37	An efficient anonymous authentication and confidentiality preservation schemes for secure communications in wireless body area networks. <i>Wireless Networks</i> , 2021, 27, 2119-2130.	2.0	43
38	Smart COVID-shield: an IoT driven reliable and automated prototype model for COVID-19 symptoms tracking. <i>Computing (Vienna/New York)</i> , 2022, 104, 1233-1254.	3.2	43
39	Vision Navigator: A Smart and Intelligent Obstacle Recognition Model for Visually Impaired Users. <i>Mobile Information Systems</i> , 2022, 2022, 1-15.	0.4	43
40	BioSenHealth 1.0: A Novel Internet of Medical Things (IoMT)-Based Patient Health Monitoring System. <i>Lecture Notes in Networks and Systems</i> , 2019, , 155-164.	0.5	42
41	BOLD: Bio-Inspired Optimized Leader Election for Multiple Drones. <i>Sensors</i> , 2020, 20, 3134.	2.1	41
42	Introduction to Swarm Intelligence. , 2018, , 53-78.		41
43	A Decade Review on Smart Cities: Paradigms, Challenges and Opportunities. <i>IEEE Access</i> , 2022, 10, 68319-68364.	2.6	41
44	Rooted Tree Optimization for the Backstepping Power Control of a Doubly Fed Induction Generator Wind Turbine: dSPACE Implementation. <i>IEEE Access</i> , 2021, 9, 26512-26522.	2.6	38
45	Rumour veracity detection on twitter using particle swarm optimized shallow classifiers. <i>Multimedia Tools and Applications</i> , 2019, 78, 24083-24101.	2.6	37
46	Supervised link prediction using structured α -based feature extraction in social network. <i>Concurrency Computation Practice and Experience</i> , 2022, 34, e5839.	1.4	37
47	A novel Software-Defined Drone Network (SDDN)-based collision avoidance strategies for on-road traffic monitoring and management. <i>Vehicular Communications</i> , 2021, 28, 100313.	2.7	37
48	Spider Monkey Crow Optimization Algorithm With Deep Learning for Sentiment Classification and Information Retrieval. <i>IEEE Access</i> , 2021, 9, 24249-24262.	2.6	37
49	Facial Emotion Detection to Assess Learner's State of Mind in an Online Learning System. , 2020, , .		37
50	Proficient QoS-Based Target Coverage Problem in Wireless Sensor Networks. <i>IEEE Access</i> , 2020, 8, 74315-74325.	2.6	36
51	Low Area PRESENT Cryptography in FPGA Using TRNG-PRNG Key Generation. <i>Computers, Materials and Continua</i> , 2021, 68, 1447-1465.	1.5	36
52	Smart Surveillance Robot for Real-Time Monitoring and Control System in Environment and Industrial Applications. <i>Advances in Intelligent Systems and Computing</i> , 2018, , 229-243.	0.5	34
53	An Optimization Model for Software Quality Prediction With Case Study Analysis Using MATLAB. <i>IEEE Access</i> , 2019, 7, 85123-85138.	2.6	34
54	NLFFT: A Novel Fault Tolerance Model Using Artificial Intelligence to Improve Performance in Wireless Sensor Networks. <i>IEEE Access</i> , 2020, 8, 149231-149254.	2.6	33

#	ARTICLE	IF	CITATIONS
55	Secure crowd-sensing protocol for fog-based vehicular cloud. <i>Future Generation Computer Systems</i> , 2021, 120, 61-75.	4.9	33
56	Ant Colony Optimization (ACO) based Routing Protocols for Wireless Sensor Networks (WSN): A Survey. <i>International Journal of Advanced Computer Science and Applications</i> , 2017, 8, .	0.5	33
57	A New Model for Predicting Component-Based Software Reliability Using Soft Computing. <i>IEEE Access</i> , 2019, 7, 147191-147203.	2.6	32
58	A Novel Simulated-Annealing Based Electric Bus System Design, Simulation, and Analysis for Dehradun Smart City. <i>IEEE Access</i> , 2020, 8, 89395-89424.	2.6	32
59	MADCR: Mobility aware dynamic clustering-based routing protocol in Internet of Vehicles. <i>China Communications</i> , 2021, 18, 69-85.	2.0	31
60	Innovative Ideas to Manage Urban Traffic Congestion in Cognitive Cities. <i>Impact of Meat Consumption on Health and Environmental Sustainability</i> , 2019, , 139-162.	0.4	31
61	Security and Privacy in Remote Healthcare. , 2019, , 201-225.		30
62	IEEMARP- a novel energy efficient multipath routing protocol based on ant Colony optimization (ACO) for dynamic sensor networks. <i>Multimedia Tools and Applications</i> , 2020, 79, 35221-35252.	2.6	30
63	Duplicate Bug Report Detection and Classification System Based on Deep Learning Technique. <i>IEEE Access</i> , 2020, 8, 200749-200763.	2.6	30
64	Dynamic Task Scheduling using Balanced VM Allocation Policy for Fog Computing Platforms. <i>Scalable Computing</i> , 2019, 20, 433-456.	0.7	30
65	DL-CNN-based approach with image processing techniques for diagnosis of retinal diseases. <i>Multimedia Systems</i> , 2022, 28, 1417-1438.	3.0	29
66	Pneumonia Detection Using Convolutional Neural Networks (CNNs). <i>Lecture Notes in Networks and Systems</i> , 2020, , 471-483.	0.5	29
67	Tightly Coupling Fusion of UWB Ranging and IMU Pedestrian Dead Reckoning for Indoor Localization. <i>IEEE Access</i> , 2021, 9, 164206-164222.	2.6	29
68	Stock Prediction Based on Technical Indicators Using Deep Learning Model. <i>Computers, Materials and Continua</i> , 2022, 70, 287-304.	1.5	28
69	Data Placement in Era of Cloud Computing: a Survey, Taxonomy and Open Research Issues. <i>Scalable Computing</i> , 2019, 20, 377-398.	0.7	28
70	An assessment of forerunners for customer loyalty in the selected financial sector by SEM approach toward their effect on business. <i>Data Technologies and Applications</i> , 2019, 53, 546-561.	0.9	27
71	CT-RPL: Cluster Tree Based Routing Protocol to Maximize the Lifetime of Internet of Things. <i>Sensors</i> , 2020, 20, 5858.	2.1	27
72	si3-Industry: A Sustainable, Intelligent, Innovative, Internet-of-Things Industry. <i>Advances in Science, Technology and Innovation</i> , 2020, , 1-21.	0.2	27

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73	Comprehensive Analysis of Routing Protocols Surrounding Underwater Sensor Networks (UWSNs). <i>Advances in Intelligent Systems and Computing</i> , 2019, , 435-450.	0.5	25
74	Multimedia Social Big Data: Mining. <i>Intelligent Systems Reference Library</i> , 2020, , 289-321.	1.0	25
75	IoT-based green city architecture using secured and sustainable android services. <i>Environmental Technology and Innovation</i> , 2020, 20, 101091.	3.0	25
76	IoT-IIRS: Internet of Things based intelligent-irrigation recommendation system using machine learning approach for efficient water usage. <i>PeerJ Computer Science</i> , 2021, 7, e578.	2.7	24
77	Modified Cascade Controller Design for Unstable Processes With Large Dead Time. <i>IEEE Access</i> , 2020, 8, 157022-157036.	2.6	23
78	MUD-Based Behavioral Profiling Security Framework for Software-Defined IoT Networks. <i>IEEE Internet of Things Journal</i> , 2022, 9, 6611-6622.	5.5	23
79	An enhanced energy-efficient fuzzy-based cognitive radio scheme for IoT. <i>Neural Computing and Applications</i> , 2022, 34, 19193-19215.	3.2	23
80	Effect of Consumer Green Behavior Perspective on Green Unwavering Across Various Retail Configurations. <i>Advances in Marketing, Customer Relationship Management, and E-services Book Series</i> , 2020, , 96-124.	0.7	22
81	A Modified Step-Up Converter with Small Signal Analysis-Based Controller for Renewable Resource Applications. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 102.	1.3	21
82	A Smart Cloud Service Management Algorithm for Vehicular Clouds. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2021, 22, 5329-5340.	4.7	21
83	A Review of Beaglebone Smart Board's-A Linux/Android Powered Low Cost Development Platform Based on ARM Technology. , 2015, , .		20
84	Analysis of Simulation Tools for Underwater Sensor Networks (UWSNs). <i>Lecture Notes in Networks and Systems</i> , 2019, , 165-180.	0.5	20
85	Leveraging energy-efficient load balancing algorithms in fog computing. <i>Concurrency Computation Practice and Experience</i> , 2022, 34, e5913.	1.4	20
86	Enhancement of Security and Handling the Inconspicuousness in IoT Using a Simple Size Extensible Blockchain. <i>Energies</i> , 2020, 13, 1795.	1.6	20
87	Cyber Security Challenges for Smart Cities. <i>Impact of Meat Consumption on Health and Environmental Sustainability</i> , 2019, , 27-54.	0.4	20
88	Predicting and Interpreting Student Performance Using Ensemble Models and Shapley Additive Explanations. <i>IEEE Access</i> , 2021, 9, 152688-152703.	2.6	20
89	A Comprehensive Review of Ant Colony Optimization (ACO) based Energy-Efficient Routing Protocols for Wireless Sensor Networks. <i>International Journal of Wireless Networks and Broadband Technologies</i> , 2014, 3, 33-55.	1.0	19
90	Efficiency analysis for stochastic dynamic facility layout problem using meta-heuristic, data envelopment analysis and machine learning. <i>Computational Intelligence</i> , 2020, 36, 172-202.	2.1	19

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91	A Three-Step Authentication Model for Mobile Phone User Using Keystroke Dynamics. IEEE Access, 2020, 8, 125909-125922.	2.6	19
92	Comparative study with practical validation of photovoltaic monocrystalline module for single and double diode models. Scientific Reports, 2021, 11, 19153.	1.6	19
93	Robot Path Planning Using Modified Artificial Bee Colony Algorithm. Advances in Intelligent Systems and Computing, 2020, , 25-36.	0.5	19
94	Lightweight Proof of Game (LPoG): A Proof of Work (PoW)â€™s Extended Lightweight Consensus Algorithm for Wearable Kidneys. Sensors, 2020, 20, 2868.	2.1	19
95	A deep learning approach to intelligent fruit identification and family classification. Multimedia Tools and Applications, 2022, 81, 27783-27798.	2.6	19
96	Data Consumption-Aware Load Forecasting Scheme for Smart Grid Systems. , 2018, , .		18
97	Arrhenius Artificial Bee Colony Algorithm. Lecture Notes in Networks and Systems, 2019, , 187-195.	0.5	18
98	A novel heuristic simulationâ€™optimization method for critical infrastructure in smart transportation systems. International Journal of Communication Systems, 2020, 33, e4397.	1.6	18
99	Multilingual Opinion Mining Movieâ€™Recommendation System Using RNN. Lecture Notes in Networks and Systems, 2020, , 589-605.	0.5	18
100	A Comprehensive Review of Semiconductor-Type Gas Sensors for Environmental Monitoring. Review of Computer Engineering Research, 2016, 3, 55-64.	0.8	17
101	Performance Analysis of ACO Based Routing Protocols- EMCBR, AntChain, IACR, ACO-EAMRA for Wireless Sensor Networks (WSNs). British Journal of Mathematics & Computer Science, 2017, 20, 1-18.	0.3	17
102	New techniques for efficiently k-NN algorithm for brain tumor detection. Multimedia Tools and Applications, 2022, 81, 18595-18616.	2.6	17
103	A Comprehensive Survey on Ransomware Attack: A Growing Havoc Cyberthreat. Advances in Intelligent Systems and Computing, 2019, , 403-420.	0.5	16
104	Smart-IoUT 1.0: A Smart Aquatic Monitoring Network Based on Internet of Underwater Things (IoUT). Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2019, , 191-207.	0.2	15
105	Chaotic-map based authenticated security framework with privacy preservation for remote point-of-care. Multimedia Tools and Applications, 2021, 80, 17103-17128.	2.6	15
106	System Performance of Wireless Sensor Network Using LoRaâ€™Zigbee Hybrid Communication. Computers, Materials and Continua, 2021, 68, 1615-1635.	1.5	15
107	Fog Computing: Building a Road to IoT with Fog Analytics. Studies in Big Data, 2020, , 59-78.	0.8	15
108	An Encyclopedia Coverage of Compilerâ€™s, Programmerâ€™s & Simulatorâ€™s for 8051, PIC, AVR, ARM, Arduino Embedded Technologies. International Journal of Reconfigurable and Embedded Systems (IJRES), 2016, 5, 18.	0.3	15

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109	A Comprehensive Analysis of Goods and Services Tax (GST) in India. Indian Journal of Finance, 2018, 12, 57.	0.1	15
110	Internet of Things (IoT) and the Digital Business Environment: A Standpoint Inclusive Cyber Space, Cyber Crimes, and Cybersecurity. , 2020, , 111-152.		15
111	Metamaterial based photonic structure: An alternate high performance antireflection coating for solar cell. Optik, 2019, 179, 740-743.	1.4	14
112	Sarcasm detection using deep learning and ensemble learning. Multimedia Tools and Applications, 2022, 81, 43229-43252.	2.6	14
113	Distributed Big Data Analytics in the Internet of Signals. , 2018, , .		13
114	Design and Implementation of Improved Three Port Converter and B4-Inverter Fed Brushless Direct Current Motor Drive System for Industrial Applications. IEEE Access, 2020, 8, 149093-149112.	2.6	13
115	Adoption of Fog Computing in Healthcare 4.0. Signals and Communication Technology, 2021, , 3-36.	0.4	13
116	A Comprehensive Review of BeagleBone Technology: Smart Board Powered by ARM. International Journal of Smart Home, 2016, 10, 95-108.	0.6	13
117	Green and Smart Buildings. Advances in Civil and Industrial Engineering Book Series, 2020, , 146-163.	0.2	13
118	Data Glove: Internet of Things (IoT) Based Smart Wearable Gadget. British Journal of Mathematics & Computer Science, 2016, 15, 1-12.	0.3	13
119	FDTD approach to photonic based angular waveguide for wide range of sensing application. Optik, 2019, 176, 56-59.	1.4	12
120	A comprehensive analysis and prediction of earthquake magnitude based on position and depth parameters using machine and deep learning models. Multimedia Tools and Applications, 2021, 80, 28419-28438.	2.6	12
121	Elliptic Curve Signcryption-Based Mutual Authentication Protocol for Smart Cards. Applied Sciences (Switzerland), 2020, 10, 8291.	1.3	11
122	LOA-RPL: Novel Energy-Efficient Routing Protocol for the Internet of Things Using Lion Optimization Algorithm to Maximize Network Lifetime. Computers, Materials and Continua, 2021, 69, 351-371.	1.5	11
123	Adaptive Flower Pollination Algorithm-Based Energy Efficient Routing Protocol for Multi-Robot Systems. IEEE Access, 2021, 9, 82417-82434.	2.6	11
124	Simulation-Based Performance Analysis of Location-Based Opportunistic Routing Protocols in Underwater Sensor Networks Having Communication Voids. Advances in Intelligent Systems and Computing, 2020, , 697-711.	0.5	11
125	Hyperbolic Spider Monkey Optimization Algorithm. Recent Advances in Computer Science and Communications, 2020, 13, 35-42.	0.5	11
126	Photovoltaic Thermal Collectors Integrated with Phase Change Materials: A Comprehensive Analysis. Electronics (Switzerland), 2022, 11, 337.	1.8	11

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127	ML-MDS: Machine Learning based Misbehavior Detection System for Cognitive Software-defined Multimedia VANETs (CSDMV) in smart cities. Multimedia Tools and Applications, 2023, 82, 3931-3951.	2.6	11
128	Soft-computing-based false alarm reduction for hierarchical data of intrusion detection system. International Journal of Distributed Sensor Networks, 2019, 15, 155014771988313.	1.3	10
129	Game theoretical approach for load balancing using SGMLB model in cloud environment. PLoS ONE, 2020, 15, e0231708.	1.1	10
130	An efficient post-processing adaptive filtering technique to rectifying the flickering effects. PLoS ONE, 2021, 16, e0250959.	1.1	10
131	Systematic Review of Dynamic Multi-Object Identification and Localization: Techniques and Technologies. IEEE Access, 2021, 9, 122924-122950.	2.6	10
132	Simulation Based Evaluation of Reactive Routing Protocol for MANET. , 2012, , .		9
133	Firefly Swarm: Metaheuristic Swarm Intelligence Technique for Mathematical Optimization. Advances in Intelligent Systems and Computing, 2019, , 457-466.	0.5	9
134	Human Age Classification System Using K-NN Classifier. Communications in Computer and Information Science, 2019, , 294-311.	0.4	9
135	Demand Supply-Based Economic Model for Resource Provisioning in Industrial IoT Traffic. IEEE Internet of Things Journal, 2022, 9, 10529-10538.	5.5	9
136	Multi-sensor information fusion for efficient smart transport vehicle tracking and positioning based on deep learning technique. Journal of Supercomputing, 2022, 78, 6121-6146.	2.4	9
137	A novel defense mechanism via Genetic Algorithm for counterfeiting and combating Jelly Fish attack in Mobile Ad-Hoc Networks. , 2014, , .		8
138	Prediction of optical specifications through ANN model to design a monochromatic optical filter for all three optical windows. Optik, 2019, 198, 163314.	1.4	8
139	Artificial Bee Colony Optimization Population-Based Meta-Heuristic Swarm Intelligence Technique. Advances in Intelligent Systems and Computing, 2019, , 513-525.	0.5	8
140	L-shape Si-waveguide for THz-communication. Optik, 2019, 178, 509-512.	1.4	8
141	Test Suit Generation for Object Oriented Programs: A Hybrid Firefly and Differential Evolution Approach. IEEE Access, 2020, 8, 179167-179188.	2.6	8
142	Factex: A Practical Approach to Crime Detection. Advances in Intelligent Systems and Computing, 2020, , 503-516.	0.5	8
143	Simulation of Jelly Fish Periodic Attack in Mobile Ad hoc Networks. International Journal of Computer Trends and Technology, 2014, 15, 20-22.	0.1	8
144	A novel homomorphic RASD framework for secured data access and storage in cloud computing. Open Computer Science, 2020, 10, 431-443.	1.3	8

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145	Improvise approach for respiratory pathologies classification with multilayer convolutional neural networks. Multimedia Tools and Applications, 2022, 81, 39185-39205.	2.6	8
146	A Review of De-Facto MAC Standard: IEEE 802.11 DCF. , 2014, , .		7
147	Comprehensive Analysis of Routing Protocols for Cognitive Radio Ad-hoc Networks (CRAHNs). , 2018, , .		7
148	EnsemV3X: a novel ensemble deep learning architecture for multi-label scene classification. PeerJ Computer Science, 2021, 7, e557.	2.7	7
149	Wireless Power Transfer Under Secure Communication with Multiple Antennas and Eavesdroppers. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2019, , 208-220.	0.2	6
150	Generation of ultra violet signal from visible light using photonic crystal fiber: A realization of PCF based UV torch. Optik, 2019, 180, 913-916.	1.4	6
151	A novel air quality monitoring and improvement system based on wireless sensor and actuator networks using LoRa communication. PeerJ Computer Science, 2021, 7, e711.	2.7	6
152	Improved Feature Selection Method for the Identification of Soil Images Using Oscillating Spider Monkey Optimization. IEEE Access, 2021, 9, 167128-167139.	2.6	6
153	Optimal emplacement of sensors by orbit-electron theory in wireless sensor networks. Wireless Networks, 2022, 28, 1605-1623.	2.0	6
154	Sustainable IoT Solution for Freshwater Aquaculture Management. IEEE Sensors Journal, 2022, 22, 16563-16572.	2.4	6
155	Augmenting Dental Care: A Current Perspective. , 2018, , 51-67.		5
156	Logarithmic Spiral Based Local Search in Artificial Bee Colony Algorithm. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2019, , 15-27.	0.2	5
157	Role of Fuzzy Approach towards Fault Detection for Distributed Components. Computers, Materials and Continua, 2021, 67, 1979-1996.	1.5	5
158	Optimization of the CNN Model for Hand Sign Language Recognition Using Adam Optimization Technique. Lecture Notes in Networks and Systems, 2021, , 89-104.	0.5	5
159	Robust Multimedia Watermarking. Advances in Information Security, Privacy, and Ethics Book Series, 2020, , 73-89.	0.4	5
160	Predicting Resource Availability in Local Mobile Crowd Computing Using Convolutional GRU. Computers, Materials and Continua, 2022, 70, 5199-5212.	1.5	5
161	A Gaussian process-based approach toward credit risk modeling using stationary activations. Concurrency Computation Practice and Experience, 0, , e6692.	1.4	5
162	IEEMARP: Improved Energy Efficient Multipath Ant Colony Optimization (ACO) Routing Protocol for Wireless Sensor Networks. Communications in Computer and Information Science, 2018, , 3-24.	0.4	4

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163	Defending Jellyfish Attack in Mobile Ad hoc Networks via Novel Fuzzy System Rule. Advances in Intelligent Systems and Computing, 2019, , 437-455.	0.5	4
164	Sigmoidal Salp Swarm Algorithm. , 2020, , .		4
165	Object detection based approach for Automatic detection of Pneumonia. , 2020, , .		4
166	Hybrid Spectrum Access Strategy for Throughput Enhancement of Cognitive Radio Network. Lecture Notes in Networks and Systems, 2021, , 105-122.	0.5	4
167	Evaluation of Geotagging Twitter Data Using Sentiment Analysis During COVID-19. Lecture Notes in Networks and Systems, 2021, , 601-608.	0.5	4
168	Effect of Multiple-Agent Deployment in MANET. Recent Patents on Computer Science, 2019, 12, 180-190.	0.5	4
169	Swarm Intelligence and Evolutionary Algorithms in Disease Diagnosis”Introductory Aspects. , 2019, , 1-18.		4
170	Enhancement of the Evaporation and Condensation Processes of a Solar Still with an Ultrasound Cotton Tent and a Thermoelectric Cooling Chamber. Electronics (Switzerland), 2022, 11, 284.	1.8	4
171	Advances in Swarm Intelligence and Machine Learning for Optimizing Problems in Image Processing and Data Analytics (Part 1). Recent Patents on Computer Science, 2019, 12, 248-249.	0.5	3
172	Realization of absorber, reflector and transmitter using single photonic structure. Optik, 2019, 180, 962-966.	1.4	3
173	Dispersion Engineered AsSe2 Based Chalcogenide Photonic Crystal Fiber for MIR Region Supercontinuum Generation. Lecture Notes in Electrical Engineering, 2022, , 311-319.	0.3	3
174	Using DEMATEL for Contextual Learner Modeling in Personalized and Ubiquitous Learning. Computers, Materials and Continua, 2021, 69, 3981-4001.	1.5	3
175	Effective Classification and Handling of Incoming Data Packets in Mobile Ad Hoc Networks (MANETs) Using Random Forest Ensemble Technique (RF/ET). Advances in Intelligent Systems and Computing, 2020, , 431-444.	0.5	3
176	Fuzzy Logic based Hybrid Model for Automatic Extractive Text Summarization. , 2020, , .		3
177	Swarm Intelligence and Evolutionary Algorithms for Cancer Diagnosis. , 2019, , 19-44.		3
178	Fusion of Deep Learning and Image Processing Techniques for Breast Cancer Diagnosis. Studies in Computational Intelligence, 2021, , 1-25.	0.7	3
179	Automatic Segmentation and Classification of Brain Tumor from MR Images Using DWT-RBFNN. Studies in Big Data, 2021, , 215-243.	0.8	3
180	Operating of Gasoline Engine Using Naphtha and Octane Boosters from Waste as Fuel Additives. Sustainability, 2021, 13, 13019.	1.6	3

#	ARTICLE	IF	CITATIONS
181	Big Data Analytics Using Swarm-Based Long Short-Term Memory for Temperature Forecasting. Computers, Materials and Continua, 2022, 71, 2347-2361.	1.5	3
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