

Anand Paul

List of Publications by Year in descending order

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Version: 2024-02-01

226
papers

5,539
citations

109321

35
h-index

106344

65
g-index

235
all docs

235
docs citations

235
times ranked

4790
citing authors

#	ARTICLE	IF	CITATIONS
1	Urban planning and building smart cities based on the Internet of Things using Big Data analytics. Computer Networks, 2016, 101, 63-80.	5.1	678
2	Exploiting IoT and big data analytics: Defining Smart Digital City using real-time urban data. Sustainable Cities and Society, 2018, 40, 600-610.	10.4	258
3	Smartbuddy: defining human behaviors using big data analytics in social internet of things. IEEE Wireless Communications, 2016, 23, 68-74.	9.0	209
4	ECG Signal Preprocessing and SVM Classifier-Based Abnormality Detection in Remote Healthcare Applications. IEEE Access, 2018, 6, 9767-9773.	4.2	175
5	Real-Time Big Data Analytical Architecture for Remote Sensing Application. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2015, 8, 4610-4621.	4.9	138
6	IoT-Based Intelligent Modeling of Smart Home Environment for Fire Prevention and Safety. Journal of Sensor and Actuator Networks, 2018, 7, 11.	3.9	134
7	Cooperative Cognitive Intelligence for Internet of Vehicles. IEEE Systems Journal, 2017, 11, 1249-1258.	4.6	123
8	Real-time Medical Emergency Response System: Exploiting IoT and Big Data for Public Health. Journal of Medical Systems, 2016, 40, 283.	3.6	105
9	Internet of Things: A primer. Human Behavior and Emerging Technologies, 2019, 1, 37-47.	4.4	104
10	Fog Computing-Based IoT for Health Monitoring System. Journal of Sensors, 2018, 2018, 1-7.	1.1	92
11	Intensity Gradient Technique for Efficient Intra-Prediction in H.264/AVC. IEEE Transactions on Circuits and Systems for Video Technology, 2008, 18, 694-698.	8.3	91
12	Real time intrusion detection system for ultra-high-speed big data environments. Journal of Supercomputing, 2016, 72, 3489-3510.	3.6	90
13	IoT-Based Big Data. International Journal on Semantic Web and Information Systems, 2017, 13, 28-47.	5.1	88
14	Smart cyber society: Integration of capillary devices with high usability based on Cyber-Physical System. Future Generation Computer Systems, 2016, 56, 493-503.	7.5	77
15	Parallel Reconfigurable Computing-Based Mapping Algorithm for Motion Estimation in Advanced Video Coding. Transactions on Embedded Computing Systems, 2012, 11, 1-18.	2.9	70
16	A Robust Approach for Brain Tumor Detection in Magnetic Resonance Images Using Finetuned EfficientNet. IEEE Access, 2022, 10, 65426-65438.	4.2	69
17	Toward modeling and optimization of features selection in Big Data based social Internet of Things. Future Generation Computer Systems, 2018, 82, 715-726.	7.5	68
18	5G-enabled Hierarchical architecture for software-defined intelligent transportation system. Computer Networks, 2019, 150, 81-89.	5.1	68

#	ARTICLE	IF	CITATIONS
19	Real-Time Big Data Stream Processing Using GPU with Spark Over Hadoop Ecosystem. International Journal of Parallel Programming, 2018, 46, 630-646.	1.5	67
20	Convolutional neural network based early fire detection. Multimedia Tools and Applications, 2020, 79, 9083-9099.	3.9	62
21	Hadoop-Based Intelligent Care System (HICS). ACM Transactions on Internet Technology, 2018, 18, 1-24.	4.4	59
22	Cooperative Intelligence of Vehicles for Intelligent Transportation Systems (ITS). Wireless Personal Communications, 2016, 87, 461-484.	2.7	55
23	A Cluster-Based Data Fusion Technique to Analyze Big Data in Wireless Multi-Sensor System. IEEE Access, 2017, 5, 5069-5083.	4.2	54
24	Real-time secure communication for Smart City in high-speed Big Data environment. Future Generation Computer Systems, 2018, 83, 638-652.	7.5	53
25	I/Q Imbalance Aware Nonlinear Wireless-Powered Relaying of B5G Networks: Security and Reliability Analysis. IEEE Transactions on Network Science and Engineering, 2021, 8, 2995-3008.	6.4	53
26	Deep Learning-Based Drivers Emotion Classification System in Time Series Data for Remote Applications. Remote Sensing, 2020, 12, 587.	4.0	52
27	IoT-based smart city development using big data analytical approach. , 2016, , .		51
28	An efficient divide-and-conquer approach for big data analytics in machine-to-machine communication. Neurocomputing, 2016, 174, 439-453.	5.9	50
29	Efficient Graph-Oriented Smart Transportation Using Internet of Things Generated Big Data. , 2015, , .		47
30	Abstractive Text Summarization based on Improved Semantic Graph Approach. International Journal of Parallel Programming, 2018, 46, 992-1016.	1.5	47
31	Service Orchestration of Optimizing Continuous Features in Industrial Surveillance Using Big Data Based Fog-Enabled Internet of Things. IEEE Access, 2018, 6, 21582-21591.	4.2	43
32	An immersive learning model using evolutionary learning. Computers and Electrical Engineering, 2018, 65, 236-249.	4.8	43
33	A Trustworthy SIoT Aware Mechanism as an Enabler for Citizen Services in Smart Cities. Electronics (Switzerland), 2020, 9, 918.	3.1	43
34	A Decade Review on Smart Cities: Paradigms, Challenges and Opportunities. IEEE Access, 2022, 10, 68319-68364.	4.2	41
35	Comparative Analysis of Intelligent Transportation Systems for Sustainable Environment in Smart Cities. Sustainability, 2017, 9, 1120.	3.2	40
36	Energy monitoring in IoT-based ad hoc networks: An overview. Computers and Electrical Engineering, 2019, 76, 133-142.	4.8	39

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37	Real-Time Route Planning and Data Dissemination for Urban Scenarios Using the Internet of Things. IEEE Wireless Communications, 2019, 26, 50-55.	9.0	38
38	Identification and role of opinion leaders in information diffusion for online discussion network. Journal of Ambient Intelligence and Humanized Computing, 2023, 14, 15301-15313.	4.9	37
39	Vehicular traffic optimisation and even distribution using ant colony in smart city environment. IET Intelligent Transport Systems, 2018, 12, 594-601.	3.0	35
40	Multilayer cluster designing algorithm for lifetime improvement of wireless sensor networks. Journal of Supercomputing, 2014, 70, 104-132.	3.6	33
41	Multilevel Data Processing Using Parallel Algorithms for Analyzing Big Data in High-Performance Computing. International Journal of Parallel Programming, 2018, 46, 508-527.	1.5	32
42	Blockchain for public health care in smart society. Microprocessors and Microsystems, 2021, 80, 103524.	2.8	32
43	Real-Time Power Management for Embedded M2M Using Intelligent Learning Methods. Transactions on Embedded Computing Systems, 2014, 13, 1-22.	2.9	31
44	Smart traffic control: Identifying driving-violations using fog devices with vehicular cameras in smart cities. Sustainable Cities and Society, 2021, 71, 102986.	10.4	31
45	Big autonomous vehicular data classifications: Towards procuring intelligence in ITS. Vehicular Communications, 2017, 9, 306-312.	4.0	30
46	Blockchain For Intelligent Transport System. IETE Technical Review (Institution of Electronics and) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	3.2	30
47	A novel fast algorithm for intra mode decision in H.264/AVC encoders. , 0, , .		29
48	Data Transmission Scheme Using Mobile Sink in Static Wireless Sensor Network. Journal of Sensors, 2015, 2015, 1-8.	1.1	29
49	Mobility Aware Energy Efficient Congestion Control in Mobile Wireless Sensor Network. International Journal of Distributed Sensor Networks, 2014, 10, 530416.	2.2	28
50	Mid-term electricity load prediction using CNN and Bi-LSTM. Journal of Supercomputing, 2021, 77, 10942-10958.	3.6	28
51	Probabilistic Model for M2M in IoT networking and communication. Telecommunication Systems, 2016, 62, 59-66.	2.5	27
52	Energy efficient hierarchical resource management for mobile cloud computing. IEEE Transactions on Sustainable Computing, 2017, 2, 100-112.	3.1	27
53	Missing Data Imputation for Geolocation-based Price Prediction Using KNNâ€MCF Method. ISPRS International Journal of Geo-Information, 2020, 9, 227.	2.9	27
54	Real-time video processing for traffic control in smart city using Hadoop ecosystem with GPUs. Soft Computing, 2018, 22, 1533-1544.	3.6	25

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55	MGR: Multi-parameter Green Reliable communication for Internet of Things in 5G network. Journal of Parallel and Distributed Computing, 2018, 118, 34-45.	4.1	25
56	Exploiting Small World Problems in a SlOT Environment. Energies, 2018, 11, 2089.	3.1	25
57	Distributed Multi-Representative Re-Fusion Approach for Heterogeneous Sensing Data Collection. Transactions on Embedded Computing Systems, 2017, 16, 1-25.	2.9	23
58	Average fill rate and horizon length. Operations Research Letters, 2005, 33, 525-530.	0.7	22
59	FU-Net: fast biomedical image segmentation model based on bottleneck convolution layers. Multimedia Systems, 2021, 27, 637-650.	4.7	22
60	Video search and indexing with reinforcement agent for interactive multimedia services. Transactions on Embedded Computing Systems, 2013, 12, 1-16.	2.9	21
61	Change Detection in Synthetic Aperture Radar Images Based on Fuzzy Active Contour Models and Genetic Algorithms. Mathematical Problems in Engineering, 2014, 2014, 1-15.	1.1	21
62	A Wearable Sleep Position Tracking System Based on Dynamic State Transition Framework. IEEE Access, 2019, 7, 135742-135756.	4.2	21
63	Socio-cyber network: The potential of cyber-physical system to define human behaviors using big data analytics. Future Generation Computer Systems, 2019, 92, 868-878.	7.5	21
64	Secure Healthcare Record Sharing Mechanism with Blockchain. Applied Sciences (Switzerland), 2022, 12, 2307.	2.5	21
65	Gradient-based edge detection for motion estimation in H.264/AVC. IET Image Processing, 2011, 5, 323.	2.5	20
66	An architecture to analyze big data in the Internet of Things. , 2015, , .		20
67	Machine learning based approach for multimedia surveillance during fire emergencies. Multimedia Tools and Applications, 2020, 79, 16201-16217.	3.9	20
68	On path correlation and PERT bias. European Journal of Operational Research, 2008, 189, 1208-1216.	5.7	19
69	Graph based M2M optimization in an IoT environment. , 2013, , .		19
70	Morphological dilation image coding with context weights prediction. Signal Processing: Image Communication, 2010, 25, 717-728.	3.2	18
71	Interactive scheduling for mobile multimedia service in M2M environment. Multimedia Tools and Applications, 2014, 71, 235-246.	3.9	18
72	Defining Human Behaviors Using Big Data Analytics in Social Internet of Things. , 2016, , .		18

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73	Real-time continuous feature extraction in large size satellite images. Journal of Systems Architecture, 2016, 64, 122-132.	4.3	18
74	Hierarchical architecture for 5G based software-defined intelligent transportation system. , 2018, , .		18
75	A Cyber-Physical System and Graph-Based Approach for Transportation Management in Smart Cities. Sustainability, 2021, 13, 7606.	3.2	18
76	A robust approach for industrial small-object detection using an improved faster regional convolutional neural network. Scientific Reports, 2021, 11, 23390.	3.3	18
77	Exploiting real-time big data to empower smart transportation using big graphs. , 2016, , .		17
78	Weighted Based Trustworthiness Ranking in Social Internet of Things by using Soft Set Theory. , 2019, , .		17
79	Improved U-Net: Fully Convolutional Network Model for Skin-Lesion Segmentation. Applied Sciences (Switzerland), 2020, 10, 3658.	2.5	17
80	Inventory Planning for a Modular Product Family. Production and Operations Management, 2015, 24, 1033-1053.	3.8	16
81	Exploiting encrypted and tunneled multimedia calls in high-speed big data environment. Multimedia Tools and Applications, 2018, 77, 4959-4984.	3.9	16
82	Machine learning-based automated image processing for quality management in industrial Internet of Things. International Journal of Distributed Sensor Networks, 2019, 15, 155014771988355.	2.2	16
83	Weight initialization based-rectified linear unit activation function to improve the performance of a convolutional neural network model. Concurrency Computation Practice and Experience, 2021, 33, e6143.	2.2	16
84	E-MCDA: Extended-Multilayer Cluster Designing Algorithm for Network Lifetime Improvement of Homogenous Wireless Sensor Networks. International Journal of Distributed Sensor Networks, 2015, 11, 902581.	2.2	16
85	Dynamic Power Management for Ubiquitous Network Devices. Advanced Science Letters, 2013, 19, 2046-2049.	0.2	16
86	A game theory-based block image compression method in encryption domain. Journal of Supercomputing, 2015, 71, 3353-3372.	3.6	15
87	An Efficient Multidimensional Big Data Fusion Approach in Machine-to-Machine Communication. Transactions on Embedded Computing Systems, 2016, 15, 1-25.	2.9	15
88	Introduction: intelligent vehicular communications. , 2017, , 1-20.		15
89	High Performance Adaptive Deblocking Filter for H.264/AVC. IETE Technical Review (Institution of Tj ETQq1 1 0.784314 rgBT/Overlock	3.2	14
90	Algorithm and Architecture for Adaptive Motion Estimation in Video Processing. IETE Technical Review (Institution of Electronics and Telecommunication Engineers, India), 2013, 30, 24.	3.2	14

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91	Hadoop Based Real-Time Intrusion Detection for High-Speed Networks. , 2016, , .		14
92	Multilevel Graph-Based Decision Making in Big Scholarly Data: An Approach to Identify Expert Reviewer, Finding Quality Impact Factor, Ranking Journals and Researchers. IEEE Transactions on Emerging Topics in Computing, 2021, 9, 280-292.	4.6	14
93	Hadoop based real-time Big Data Architecture for remote sensing Earth Observatory System. , 2015, , .		13
94	3D Terrain Real-time Rendering Method Based on CUDA-OpenGL Interoperability. IETE Technical Review (Institution of Electronics and Telecommunication Engineers, India), 2015, 32, 471-478.	3.2	13
95	Uncertain clustering algorithms based on rough and fuzzy sets for real-time image segmentation. Journal of Real-Time Image Processing, 2017, 13, 645-663.	3.5	13
96	Fuzzy-based trusted routing to mitigate packet dropping attack between data aggregation points in smart grid communication network. Computing (Vienna/New York), 2017, 99, 81-106.	4.8	13
97	A novel class based searching algorithm in small world internet of drone network. Computer Communications, 2020, 157, 329-335.	5.1	13
98	Socially Optimal Contracting between a Regional Blood Bank and Hospitals. Production and Operations Management, 2019, 28, 908-932.	3.8	12
99	Blockchain Expansion to secure Assets with Fog Node on special Duty. Soft Computing, 2020, 24, 15209-15221.	3.6	12
100	REF-Net: Robust, Efficient, and Fast Network for Semantic Segmentation Applications Using Devices With Limited Computational Resources. IEEE Access, 2021, 9, 15084-15098.	4.2	12
101	Dependability and reliability analysis of intra cluster routing technique. Peer-to-Peer Networking and Applications, 2015, 8, 838-850.	3.9	11
102	Adaptive Search Window for High Efficiency Video Coding. Journal of Signal Processing Systems, 2015, 79, 257-262.	2.1	11
103	Advanced computing model for geosocial media using big data analytics. Multimedia Tools and Applications, 2017, 76, 24767-24787.	3.9	11
104	Big data analytics of geosocial media for planning and real-time decisions. , 2017, , .		11
105	Reduction of mixed noise from wearable sensors in human-motion estimation. Computers and Electrical Engineering, 2017, 61, 287-296.	4.8	11
106	SDIoT: Software Defined Internet of Thing to Analyze Big Data in Smart Cities. , 2017, , .		11
107	A Query based Information search in an Individualâ€™s Small World of Social Internet of Things. Computer Communications, 2020, 163, 176-185.	5.1	11
108	Efficient Intra Prediction in H.264 Based on Intensity Gradient Approach. , 2007, , .		10

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109	Near real-time big data analysis on vehicular networks. , 2015, , .		10
110	Emerging Mobile Communication Technologies for Healthcare System in 5G Network. , 2016, , .		10
111	Intrusion Detection using Decision Tree Model in High-Speed Environment. , 2018, , .		10
112	A Hybrid Channel-Communication-Enabled CNN-LSTM Model for Electricity Load Forecasting. Energies, 2022, 15, 2263.	3.1	10
113	UzADL: Anomaly detection and localization using graph Laplacian matrix-based unsupervised learning method. Computers and Industrial Engineering, 2022, 171, 108313.	6.3	10
114	Big Data and Internet of Things. , 2015, , .		9
115	The Internet of Things based medical emergency management using Hadoop ecosystem. , 2015, , .		9
116	An Algorithm for Alleviating the Effect of Hotspot on Throughput in Wireless Sensor Networks. , 2017, , .		9
117	Dynamic ranking-based MapReduce job scheduler to exploit heterogeneous performance in a virtualized environment. Journal of Supercomputing, 2019, 75, 7520-7549.	3.6	9
118	DCBT-Net: Training Deep Convolutional Neural Networks With Extremely Noisy Labels. IEEE Access, 2020, 8, 220482-220495.	4.2	9
119	Guest Editorial: Digital Twinning: Integrating AI-ML and Big Data Analytics for Virtual Representation. IEEE Transactions on Industrial Informatics, 2022, 18, 1355-1358.	11.3	9
120	Semisupervised Particle Swarm Optimization for Classification. Mathematical Problems in Engineering, 2014, 2014, 1-11.	1.1	8
121	Automatic segmentation of liver & lesion detection using H-minima transform and connecting component labeling. Multimedia Tools and Applications, 2020, 79, 8459-8481.	3.9	8
122	A Real-Time Super-Resolution Method Based on Convolutional Neural Networks. Circuits, Systems, and Signal Processing, 2020, 39, 805-817.	2.0	8
123	Blockchain based healthcare system with Artificial Intelligence. , 2020, , .		8
124	Optimizing MapReduce Task Scheduling on Virtualized Heterogeneous Environments Using Ant Colony Optimization. IEEE Access, 2022, 10, 55842-55855.	4.2	8
125	Context-Aware Mobile Sensors for Sensing Discrete Events in Smart Environment. Journal of Sensors, 2016, 2016, 1-10.	1.1	7
126	Wireless Networking Performance in IoT Using Adaptive Contention Window. Wireless Communications and Mobile Computing, 2018, 2018, 1-9.	1.2	7

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127	Uniform Turnpike Theorems for Finite Markov Decision Processes. Mathematics of Operations Research, 2019, 44, 1145-1160.	1.3	7
128	Special issue on "Wearable computing techniques for smart health". Journal of Ambient Intelligence and Humanized Computing, 2020, 11, 4305-4305.	4.9	7
129	Intelligent implementation of residential demand response using multiagent system and deep neural networks. Concurrency Computation Practice and Experience, 2021, 33, e6168.	2.2	7
130	Computation Aware Scheme for Visual Signal Processing. Journal of Software, 2010, 5, .	0.6	7
131	Robustness to variability in project networks. IIE Transactions, 2001, 33, 649-660.	2.1	6
132	Region similarity based edge detection for motion estimation in H.264/AVC. IEICE Electronics Express, 2010, 7, 47-52.	0.8	6
133	Time-and-ID-Based Proxy Reencryption Scheme. Journal of Applied Mathematics, 2014, 2014, 1-7.	0.9	6
134	Improving MapReduce scheduler for heterogeneous workloads in a heterogeneous environment. Concurrency Computation Practice and Experience, 2020, 32, e5558.	2.2	6
135	Projection Based Adaptive Window Size Selection for Efficient Motion Estimation in H.264/AVC. IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences, 2006, E89-A, 2970-2976.	0.3	6
136	Characterization of English Braille Patterns Using Automated Tools and RICA Based Feature Extraction Methods. Sensors, 2022, 22, 1836.	3.8	6
137	Adaptive search range selection for scalable video coding extension of H.264/AVC. , 2008, , .		5
138	Dynamic power management for embedded ubiquitous systems. , 2013, , .		5
139	Speech-driven talking face using embedded confusable system for real time mobile multimedia. Multimedia Tools and Applications, 2014, 73, 417-437.	3.9	5
140	Power Aware Mobility Management of M2M for IoT Communications. Mobile Information Systems, 2015, 2015, 1-14.	0.6	5
141	Features Selection Model for Internet of E-Health Things Using Big Data. , 2017, , .		5
142	Context-Driven Mobile Learning Using Fog Computing. , 2018, , .		5
143	Special issue on Machine learning approaches and challenges of missing data in the era of big data. International Journal of Machine Learning and Cybernetics, 2019, 10, 2589-2591.	3.6	5
144	Smart contract's interface for user centric business model in blockchain. , 2019, , .		5

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145	Software-Defined Internet of Things to Analyze Big Data in Smart Cities. EAI/Springer Innovations in Communication and Computing, 2019, , 91-106.	1.1	5
146	Fine-grained data-locality aware MapReduce job scheduler in a virtualized environment. Journal of Ambient Intelligence and Humanized Computing, 2020, 11, 4261-4272.	4.9	5
147	Artificial neural networks as clinical decision support systems. Concurrency Computation Practice and Experience, 2021, 33, e6342.	2.2	5
148	Human-in-the-Loop Predictive Analytics Using Statistical Learning. Journal of Healthcare Engineering, 2021, 2021, 1-14.	1.9	5
149	Trustworthy intelligent industrial monitoring architecture for early event detection by exploiting social IoT. , 2020, , .		5
150	Enhanced long-range personal identification based on multimodal information of human features. Multimedia Tools and Applications, 2014, 73, 291-307.	3.9	4
151	Queuing Model for Cognitive Radio Vehicular Network. , 2015, , .		4
152	An object localization optimization technique in medical images using plant growth simulation algorithm. SpringerPlus, 2016, 5, 1784.	1.2	4
153	A Cloud-Based Enterprise Resource Planning Architecture for Womenâ€™s Education in Remote Areas. Electronics (Switzerland), 2020, 9, 1758.	3.1	4
154	A Partition-Based Active Contour Model Incorporating Local Information for Image Segmentation. Scientific World Journal, The, 2014, 2014, 1-19.	2.1	3
155	Optimized data transmission using cooperative devices in clustered D2D communication. , 2014, , .		3
156	Embedded surveillance system for vehicular networks. , 2015, , .		3
157	High-Speed Network Traffic Analysis: Detecting VoIP Calls in Secure Big Data Streaming. , 2016, , .		3
158	An Adaptive Transcursive Algorithm for Depth Estimation in Deep Learning Networks. , 2016, , .		3
159	Spoken dialog summarization system with HAPPINESS/SUFFERING factor recognition. Frontiers of Computer Science, 2017, 11, 429-443.	2.4	3
160	High Performance Multi-Operand Adder for Medical Images. Intelligent Automation and Soft Computing, 2017, 23, 345-349.	2.1	3
161	SleePS: Sleep position tracking system for screening sleep quality by wristbands. , 2017, , .		3
162	A big data analytical framework for analyzing solar energy receptors using evolutionary computing approach. Journal of Ambient Intelligence and Humanized Computing, 2019, 10, 4071-4083.	4.9	3

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163	Handling Non-Local Executions to Improve MapReduce Performance Using Ant Colony Optimization. IEEE Access, 2021, 9, 96176-96188.	4.2	3
164	A new affinity matrix weighted k-nearest neighbors graph to improve spectral clustering accuracy. PeerJ Computer Science, 2021, 7, e692.	4.5	3
165	IoT-Based Big Data. , 2019, , 1409-1428.		3
166	Elderly People Activity Recognition in Smart Grid Monitoring Environment. Mathematical Problems in Engineering, 2022, 2022, 1-12.	1.1	3
167	Graph based orange computing architecture for cyber-physical being. , 2013, , .		2
168	Energy Aware Simple Ant Routing Algorithm for Wireless Sensor Networks. Mathematical Problems in Engineering, 2015, 2015, 1-11.	1.1	2
169	A Multi-Parameter Based Vertical Handover Decision Scheme for M2M Communications in HetMANET. , 2015, , .		2
170	User-centric incremental learning model of dynamic personal identification for mobile devices. Multimedia Systems, 2015, 21, 121-130.	4.7	2
171	Vehicular network (VN) model. , 2017, , 43-75.		2
172	Theory and application of vehicular networks. , 2017, , 131-159.		2
173	Big Data collision analysis framework. , 2017, , 177-184.		2
174	Future trends and challenges in ITS. , 2017, , 185-210.		2
175	High Performance GCM Architecture for the Security of High Speed Network. International Journal of Parallel Programming, 2018, 46, 904-922.	1.5	2
176	Country Interest Analysis Based on Long-Term Short-Term Memory(LSTM) In Decentralized System. , 2018, , .		2
177	Sleep Position Management System for Enhancing Sleep Quality using Wearable Devices. , 2018, , .		2
178	Security Flaws of Operating System Against Live Device Attacks: A case study on live Linux distribution device. , 2019, , .		2
179	Energy Efficient Green Solution for Hierarchical Resource Management for Mobile Cloud Computing. , 2019, , .		2
180	MapReduce Scheduler to Minimize the Size of Intermediate Data in Shuffle Phase. , 2019, , .		2

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181	Smart embedded system based on demosaicking for enhancement of surveillance systems. Computers and Electrical Engineering, 2020, 86, 106731.	4.8	2
182	Computational human performance modelling for human-in-the-Loop machine systems. Journal of Intelligent and Fuzzy Systems, 2020, 39, 5349-5357.	1.4	2
183	Robustness to Variability in Project Networks. IIE Transactions, 2001, 33, 649-660.	2.1	1
184	Programmable Logic Array Design for H.264 Context-Based Adaptive Variable Length Coding. , 2006, , .		1
185	Requirements planning for modular products. Naval Research Logistics, 2006, 53, 418-431.	2.2	1
186	Adaptive edge detection for motion estimation in H.264/AVC. , 2010, , .		1
187	Sequencing jobs on a non-Markovian machine with random disruptions. IIE Transactions, 2012, 44, 671-680.	2.1	1
188	Dependable management system for ubiquitous camera array service in an elder-care center. Transactions on Embedded Computing Systems, 2013, 12, 1-24.	2.9	1
189	Bioinspired Mechanisms in Wireless Ad Hoc and Sensor Networks. Journal of Sensors, 2015, 2015, 1-2.	1.1	1
190	Using physical layer clock recovery to augment application layer time synchronization. Journal of Supercomputing, 2015, 71, 2153-2176.	3.6	1
191	Embedded surveillance system for vehicular networks. , 2015, , .		1
192	Cognitive radio in vehicular network. , 2017, , 113-129.		1
193	A multi-layer low-energy adaptive clustering hierarchy for wireless sensor network. , 2017, , .		1
194	Evaluation of vehicular network models. , 2017, , 77-112.		1
195	Comparative Study of Sustainable Transportation Systems: A futuristic approach. , 2018, , .		1
196	Securing High-Velocity Data: Authentication and Key Management Model for Smart City Communication. , 2019, , .		1
197	Combined Dense Urban Traffic Surveillance and Principal Component Analysis for Intelligent Transportation Systems. , 2019, , .		1
198	RTRD: Real-Time Route Discovery for Urban Scenarios Using Internet of Things. , 2019, , .		1

#	ARTICLE	IF	CITATIONS
199	A Hybrid Search Optimization Technique Based on Evolutionary Learning in Plants. Lecture Notes in Computer Science, 2016, , 271-279.	1.3	1
200	BI-LSTM-LSTM Based Time Series Electricity Consumption Forecast for South Korea. Transactions on Computational Science and Computational Intelligence, 2021, , 897-902.	0.3	1
201	Stocking Under Random Demand and Product Variety: Exact Models and Heuristics. Production and Operations Management, 2022, 31, 1006-1032.	3.8	1
202	A Brief Review on Deep Learning and Types of Implementation for Deep Learning. Advances in Data Mining and Database Management Book Series, 2018, , 20-32.	0.5	1
203	Improving MapReduce scheduler for heterogeneous workloads in a heterogeneous environment. Concurrency Computation Practice and Experience, 2020, 32, e5978.	2.2	1
204	Detection of plant diseases in the images using Deep Neural Networks. , 2020, , .		1
205	A Brief Review on Deep Learning and Types of Implementation for Deep Learning. , 2020, , 30-40.		1
206	Electric Vehicle Usage Pattern Analysis Using Nonnegative Matrix Factorization in Renewable EV-Smart Charging Grid Environment. Mathematical Problems in Engineering, 2022, 2022, 1-9.	1.1	1
207	Detection of Touchscreen-Based Urdu Braille Characters Using Machine Learning Techniques. Mobile Information Systems, 2021, 2021, 1-16.	0.6	1
208	A Multi-Parameter Based Vertical Handover Decision Scheme for M2M Communications in HetMANET. , 2014, , .		0
209	Big Data Analytical Architecture Using Divide-and-Conquer Approach in Machine-to-Machine Communication. , 2015, , .		0
210	Medical Development Platform Using ZyCAP-Based Partial Reconfiguration on ZynqSoC. Intelligent Automation and Soft Computing, 2017, 23, 365-371.	2.1	0
211	Vehicular network as business model in Big Data. , 2017, , 161-176.		0
212	Context Sensitive Health Monitoring Using Fog Computing. , 2017, , .		0
213	Real-time Traffic Management Model using GPUenabled Edge Devices. , 2019, , .		0
214	Comparative analysis of segmentation techniques based on chest X-ray images. Multimedia Tools and Applications, 2020, 79, 8483-8518.	3.9	0
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