Anand Paul

List of Publications by Year
in descending order

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	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
2	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
3	Stocking Under Random Demand and Product Variety: Exact Models and Heuristics. Production and Operations Management, 2022, 31, 1006-1032.	3.8	1
4	Secure Healthcare Record Sharing Mechanism with Blockchain. Applied Sciences (Switzerland), 2022, 12, 2307.	2.5	21
5	Characterization of English Braille Patterns Using Automated Tools and RICA Based Feature Extraction Methods. Sensors, 2022, 22, 1836.	3.8	6
6	Elderly People Activity Recognition in Smart Grid Monitoring Environment. Mathematical Problems in Engineering, 2022, 2022, 1-12.	1.1	3
7	A Hybrid Channel-Communication-Enabled CNN-LSTM Model for Electricity Load Forecasting. Energies, 2022, 15, 2263.	3.1	10
8	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
9	Optimizing MapReduce Task Scheduling on Virtualized Heterogeneous Environments Using Ant Colony Optimization. IEEE Access, 2022, 10, 55842-55855.	4.2	8
10	A Robust Approach for Brain Tumor Detection in Magnetic Resonance Images Using Finetuned EfficientNet. IEEE Access, 2022, 10, 65426-65438.	4.2	69
11	A Decade Review on Smart Cities: Paradigms, Challenges and Opportunities. IEEE Access, 2022, 10, 68319-68364.	4.2	41
12	UzADL: Anomaly detection and localization using graph Laplacian matrix-based unsupervised learning method. Computers and Industrial Engineering, 2022, 171, 108313.	6.3	10
13	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
14	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
15	Blockchain For Intelligent Transport System. IETE Technical Review (Institution of Electronics and) Tj ETQq1 1 0.784314 rgBT /Overloc	3.2	30
16	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
17	Blockchain for public health care in smart society. Microprocessors and Microsystems, 2021, 80, 103524.	2.8	32
18	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

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19	Handling Non-Local Executions to Improve MapReduce Performance Using Ant Colony Optimization. IEEE Access, 2021, 9, 96176-96188.	4.2	3
20	Mid-term electricity load prediction using CNN and Bi-LSTM. Journal of Supercomputing, 2021, 77, 10942-10958.	3.6	28
21	Intelligent implementation of residential demand response using multiagent system and deep neural networks. Concurrency Computation Practice and Experience, 2021, 33, e6168.	2.2	7
22	Artificial neural networks as clinical decision support systems. Concurrency Computation Practice and Experience, 2021, 33, e6342.	2.2	5
23	A Cyber-Physical System and Graph-Based Approach for Transportation Management in Smart Cities. Sustainability, 2021, 13, 7606.	3.2	18
24	Human-in-the-Loop Predictive Analytics Using Statistical Learning. Journal of Healthcare Engineering, 2021, 2021, 1-14.	1.9	5
25	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
26	A new affinity matrix weighted k-nearest neighbors graph to improve spectral clustering accuracy. PeerJ Computer Science, 2021, 7, e692.	4.5	3
27	FU-Net: fast biomedical image segmentation model based on bottleneck convolution layers. Multimedia Systems, 2021, 27, 637-650.	4.7	22
28	Demand Response: Multiagent System Based DR Implementation. Transactions on Computational Science and Computational Intelligence, 2021, , 877-881.	0.3	0
29	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
30	Publicly verifiable threshold secret sharing based on three‑dimensional‑cellular automata. Concurrency Computation Practice and Experience, 2021, 33, e6146.	2.2	0
31	Detection of Touchscreen-Based Urdu Braille Characters Using Machine Learning Techniques. Mobile Information Systems, 2021, 2021, 1-16.	0.6	1
32	A robust approach for industrial small-object detection using an improved faster regional convolutional neural network. Scientific Reports, 2021, 11, 23390.	3.3	18
33	Convolutional neural network based early fire detection. Multimedia Tools and Applications, 2020, 79, 9083-9099.	3.9	62
34	Machine learning based approach for multimedia surveillance during fire emergencies. Multimedia Tools and Applications, 2020, 79, 16201-16217.	3.9	20
35	Comparative analysis of segmentation techniques based on chest X-ray images. Multimedia Tools and Applications, 2020, 79, 8483-8518.	3.9	0
36	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

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37	A Real-Time Super-Resolution Method Based on Convolutional Neural Networks. Circuits, Systems, and Signal Processing, 2020, 39, 805-817.	2.0	8
38	Improving MapReduce scheduler for heterogeneous workloads in a heterogeneous environment. Concurrency Computation Practice and Experience, 2020, 32, e5558.	2.2	6
39	Smart embedded system based on demosaicking for enhancement of surveillance systems. Computers and Electrical Engineering, 2020, 86, 106731.	4.8	2
40	Computational human performance modelling for human-in-the-Loop machine systems. Journal of Intelligent and Fuzzy Systems, 2020, 39, 5349-5357.	1.4	2
41	DCBT-Net: Training Deep Convolutional Neural Networks With Extremely Noisy Labels. IEEE Access, 2020, 8, 220482-220495.	4.2	9
42	A Cloud-Based Enterprise Resource Planning Architecture for Women's Education in Remote Areas. Electronics (Switzerland), 2020, 9, 1758.	3.1	4
43	A Query based Information search in an Individual's Small World of Social Internet of Things. Computer Communications, 2020, 163, 176-185.	5.1	11
44	Call for Special Issue Papers: Soft Computing Models for Big Data and Internet of Things. Big Data, 2020, 8, 169-170.	3.4	0
45	A Trustworthy SIoT Aware Mechanism as an Enabler for Citizen Services in Smart Cities. Electronics (Switzerland), 2020, 9, 918.	3.1	43
46	Blockchain Expansion to secure Assets with Fog Node on special Duty. Soft Computing, 2020, 24, 15209-15221.	3.6	12
47	An Efficient Friendship Selection Mechanism for an Individual's Small World in Social Internet of Things. , 2020, , .		0
48	Improved U-Net: Fully Convolutional Network Model for Skin-Lesion Segmentation. Applied Sciences (Switzerland), 2020, 10, 3658.	2.5	17
49	Deep Learning-Based Drivers Emotion Classification System in Time Series Data for Remote Applications. Remote Sensing, 2020, 12, 587.	4.0	52
50	Special issue on "Wearable computing techniques for smart health" Journal of Ambient Intelligence and Humanized Computing, 2020, 11, 4305-4305.	4.9	7
51	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
52	Missing Data Imputation for Geolocation-based Price Prediction Using KNN–MCF Method. ISPRS International Journal of Geo-Information, 2020, 9, 227.	2.9	27
53	A novel class based searching algorithm in small world internet of drone network. Computer Communications, 2020, 157, 329-335.	5.1	13
54	Energy Efficient Congestion Control in Wireless Sensor Networks. , 2020, , 780-799.		0

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55	Improving MapReduce scheduler for heterogeneous workloads in a heterogeneous environment. Concurrency Computation Practice and Experience, 2020, 32, e5978.	2.2	1
56	Blockchain based healthcare system with Artificial Intelligence. , 2020, , .		8
57	Genetic Analysis for Breast Cancer Prediction and Diagnosis. , 2020, , .		0
58	Detection of plant diseases in the images using Deep Neural Networks. , 2020, , .		1
59	A Brief Review on Deep Learning and Types of Implementation for Deep Learning. , 2020, , 30-40.		1
60	Trustworthy intelligent industrial monitoring architecture for early event detection by exploiting social IoT. , 2020, , .		5
61	Real-time Traffic Management Model using GPUenabled Edge Devices. , 2019, , .		0
62	Dynamic ranking-based MapReduce job scheduler to exploit heterogeneous performance in a virtualized environment. Journal of Supercomputing, 2019, 75, 7520-7549.	3.6	9
63	Security Flaws of Operating System Against Live Device Attacks: A case study on live Linux distribution device. , 2019, , .		2
64	Securing High-Velocity Data: Authentication and Key Management Model for Smart City Communication. , 2019, , .		1
65	Energy Efficient Green Solution for Hierarchical Resource Management for Mobile Cloud Computing. , 2019, , .		2
66	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
67	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
68	A Wearable Sleep Position Tracking System Based on Dynamic State Transition Framework. IEEE Access, 2019, 7, 135742-135756.	4.2	21
69	Smart contract's interface for user centric business model in blockchain. , 2019, , .		5
70	Internet of Things: A primer. Human Behavior and Emerging Technologies, 2019, 1, 37-47.	4.4	104
71	Energy monitoring in IoT-based ad hoc networks: An overview. Computers and Electrical Engineering, 2019, 76, 133-142.	4.8	39
72	Combined Dense Urban Traffic Surveillance and Principal Component Analysis for Intelligent Transportation Systems. , 2019, , .		1

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73	RTRD: Real-Time Route Discovery for Urban Scenarios Using Internet of Things. , 2019, , .		1
74	Weighted Based Trustworthiness Ranking in Social Internet of Things by using Soft Set Theory. , 2019, , .		17
75	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
76	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
77	MapReduce Scheduler to Minimize the Size of Intermediate Data in Shuffle Phase. , 2019, , .		2
78	Uniform Turnpike Theorems for Finite Markov Decision Processes. Mathematics of Operations Research, 2019, 44, 1145-1160.	1.3	7
79	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
80	Socially Optimal Contracting between a Regional Blood Bank and Hospitals. Production and Operations Management, 2019, 28, 908-932.	3.8	12
81	5G-enabled Hierarchical architecture for software-defined intelligent transportation system. Computer Networks, 2019, 150, 81-89.	5.1	68
82	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
83	IoT-Based Big Data. , 2019, , 1409-1428.		3
84	Hadoop-Based Intelligent Care System (HICS). ACM Transactions on Internet Technology, 2018, 18, 1-24.	4.4	59
85	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
86	ECG Signal Preprocessing and SVM Classifier-Based Abnormality Detection in Remote Healthcare Applications. IEEE Access, 2018, 6, 9767-9773.	4.2	175
87	Abstractive Text Summarization based on Improved Semantic Graph Approach. International Journal of Parallel Programming, 2018, 46, 992-1016.	1.5	47
88	Real-time video processing for traffic control in smart city using Hadoop ecosystem with GPUs. Soft Computing, 2018, 22, 1533-1544.	3.6	25
89	High Performance GCM Architecture for the Security of High Speed Network. International Journal of Parallel Programming, 2018, 46, 904-922.	1.5	2
90	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

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91	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
92	Exploiting encrypted and tunneled multimedia calls in high-speed big data environment. Multimedia Tools and Applications, 2018, 77, 4959-4984.	3.9	16
93	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
94	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
95	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
96	An immersive learning model using evolutionary learning. Computers and Electrical Engineering, 2018, 65, 236-249.	4.8	43
97	Real-time secure communication for Smart City in high-speed Big Data environment. Future Generation Computer Systems, 2018, 83, 638-652.	7.5	53
98	Country Interest Analysis Based on Long-Term Short-Term Memory(LSTM) In Decentralized System. , 2018, , .		2
99	Sleep Position Management System for Enhancing Sleep Quality using Wearable Devices. , 2018, , .		2
100	Intrusion Detection using Decision Tree Model in High-Speed Environment. , 2018, , .		10
101	Comparative Study of Sustainable Transportation Systems: A futuristic approach. , 2018, , .		1
102	Context-Driven Mobile Learning Using Fog Computing. , 2018, , .		5
103	Exploiting Small World Problems in a SIoT Environment. Energies, 2018, 11, 2089.	3.1	25
104	Fog Computing-Based IoT for Health Monitoring System. Journal of Sensors, 2018, 2018, 1-7.	1.1	92
105	Wireless Networking Performance in IoT Using Adaptive Contention Window. Wireless Communications and Mobile Computing, 2018, 2018, 1-9.	1.2	7
106	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
107	Hierarchical architecture for 5G based software-defined intelligent transportation system. , 2018, , .		18
108	Vehicular traffic optimisation and even distribution using ant colony in smart city environment. IET Intelligent Transport Systems, 2018, 12, 594-601.	3.0	35

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109	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
110	Big Data Deep Analytics for Geosocial Networks. Advances in Data Mining and Database Management Book Series, 2018, , 120-140.	0.5	0
111	Cooperative Cognitive Intelligence for Internet of Vehicles. IEEE Systems Journal, 2017, 11, 1249-1258.	4.6	123
112	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
113	Medical Development Platform Using ZyCAP-Based Partial Reconfiguration on ZynqSoC. Intelligent Automation and Soft Computing, 2017, 23, 365-371.	2.1	0
114	A Cluster-Based Data Fusion Technique to Analyze Big Data in Wireless Multi-Sensor System. IEEE Access, 2017, 5, 5069-5083.	4.2	54
115	Advanced computing model for geosocial media using big data analytics. Multimedia Tools and Applications, 2017, 76, 24767-24787.	3.9	11
116	Spoken dialog summarization system with HAPPINESS/SUFFERING factor recognition. Frontiers of Computer Science, 2017, 11, 429-443.	2.4	3
117	Distributed Multi-Representative Re-Fusion Approach for Heterogeneous Sensing Data Collection. Transactions on Embedded Computing Systems, 2017, 16, 1-25.	2.9	23
118	Energy efficient hierarchical resource management for mobile cloud computing. IEEE Transactions on Sustainable Computing, 2017, 2, 100-112.	3.1	27
119	Big autonomous vehicular data classifications: Towards procuring intelligence in ITS. Vehicular Communications, 2017, 9, 306-312.	4.0	30
120	Big data analytics of geosocial media for planning and real-time decisions. , 2017, , .		11
121	Reduction of mixed noise from wearable sensors in human-motion estimation. Computers and Electrical Engineering, 2017, 61, 287-296.	4.8	11
122	Introduction: intelligent vehicular communications. , 2017, , 1-20.		15
123	Vehicular network (VN) model. , 2017, , 43-75.		2
124	Cognitive radio in vehicular network. , 2017, , 113-129.		1
125	Theory and application of vehicular networks. , 2017, , 131-159.		2
126	Vehicular network as business model in Big Data. , 2017, , 161-176.		0

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127	Big Data collision analysis framework. , 2017, , 177-184.		2
128	Future trends and challenges in ITS. , 2017, , 185-210.		2
129	High Performance Multi-Operand Adder for Medical Images. Intelligent Automation and Soft Computing, 2017, 23, 345-349.	2.1	3
130	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
131	Features Selection Model for Internet of E-Health Things Using Big Data. , 2017, , .		5
132	SDIoT: Software Defined Internet of Thing to Analyze Big Data in Smart Cities. , 2017, , .		11
133	An Algorithm for Alleviating the Effect of Hotspot on Throughput in Wireless Sensor Networks. , 2017, , .		9
134	A multi-layer low-energy adaptive clustering hierarchy for wireless sensor network. , 2017, , .		1
135	SleePS: Sleep position tracking system for screening sleep quality by wristbands. , 2017, , .		3
136	Evaluation of vehicular network models. , 2017, , 77-112.		1
137	Context Sensitive Health Monitoring Using Fog Computing. , 2017, , .		0
138	IoT-Based Big Data. International Journal on Semantic Web and Information Systems, 2017, 13, 28-47.	5.1	88
139	Comparative Analysis of Intelligent Transportation Systems for Sustainable Environment in Smart Cities. Sustainability, 2017, 9, 1120.	3.2	40
140	Human enabled green IoT in 5G networks. , 2017, , .		0
141	Context-Aware Mobile Sensors for Sensing Discrete Events in Smart Environment. Journal of Sensors, 2016, 2016, 1-10.	1.1	7
142	Hadoop Based Real-Time Intrusion Detection for High-Speed Networks. , 2016, , .		14
143	IoT-based smart city development using big data analytical approach. , 2016, , .		51
144	High-Speed Network Traffic Analysis: Detecting VoIP Calls in Secure Big Data Streaming. , 2016, , .		3

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145	Defining Human Behaviors Using Big Data Analytics in Social Internet of Things. , 2016, , .		18
146	Exploiting real-time big data to empower smart transportation using big graphs. , 2016, , .		17
147	Emerging Mobile Communication Technologies for Healthcare System in 5G Network. , 2016, , .		10
148	Real-time Medical Emergency Response System: Exploiting IoT and Big Data for Public Health. Journal of Medical Systems, 2016, 40, 283.	3.6	105
149	Smartbuddy: defining human behaviors using big data analytics in social internet of things. IEEE Wireless Communications, 2016, 23, 68-74.	9.0	209
150	An object localization optimization technique in medical images using plant growth simulation algorithm. SpringerPlus, 2016, 5, 1784.	1.2	4
151	An Adaptive Transcursive Algorithm for Depth Estimation in Deep Learning Networks. , 2016, , .		3
152	An Efficient Multidimensional Big Data Fusion Approach in Machine-to-Machine Communication. Transactions on Embedded Computing Systems, 2016, 15, 1-25.	2.9	15
153	Real time intrusion detection system for ultra-high-speed big data environments. Journal of Supercomputing, 2016, 72, 3489-3510.	3.6	90
154	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
155	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
156	Real-time continuous feature extraction in large size satellite images. Journal of Systems Architecture, 2016, 64, 122-132.	4.3	18
157	An efficient divide-and-conquer approach for big data analytics in machine-to-machine communication. Neurocomputing, 2016, 174, 439-453.	5.9	50
158	Cooperative Intelligence of Vehicles for Intelligent Transportation Systems (ITS). Wireless Personal Communications, 2016, 87, 461-484.	2.7	55
159	Probabilistic Model for M2M in IoT networking and communication. Telecommunication Systems, 2016, 62, 59-66.	2.5	27
160	A Hybrid Search Optimization Technique Based on Evolutionary Learning in Plants. Lecture Notes in Computer Science, 2016, , 271-279.	1.3	1
161	A (2, 2) and (n, n)-Threshold Random Grid-Based Visual Secret Sharing Using Chaos Theory. Advanced Science Letters, 2016, 22, 2527-2531.	0.2	0
162	An architecture to analyze big data in the Internet of Things. , 2015, , .		20

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163	Big Data Analytical Architecture Using Divide-and-Conquer Approach in Machine-to-Machine Communication. , 2015, , .		0
164	Big Data and Internet of Things. , 2015, , .		9
165	Inventory Planning for a Modular Product Family. Production and Operations Management, 2015, 24, 1033-1053.	3.8	16
166	Energy Aware Simple Ant Routing Algorithm for Wireless Sensor Networks. Mathematical Problems in Engineering, 2015, 2015, 1-11.	1.1	2
167	Bioinspired Mechanisms in Wireless Ad Hoc and Sensor Networks. Journal of Sensors, 2015, 2015, 1-2.	1.1	1
168	Data Transmission Scheme Using Mobile Sink in Static Wireless Sensor Network. Journal of Sensors, 2015, 2015, 1-8.	1.1	29
169	Power Aware Mobility Management of M2M for IoT Communications. Mobile Information Systems, 2015, 2015, 1-14.	0.6	5
170	Queuing Model for Cognitive Radio Vehicular Network. , 2015, , .		4
171	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
172	A Multi-Parameter Based Vertical Handover Decision Scheme for M2M Communications in HetMANET. , 2015, , .		2
173	The Internet of Things based medical emergency management using Hadoop ecosystem. , 2015, , .		9
174	Efficient Graph-Oriented Smart Transportation Using Internet of Things Generated Big Data. , 2015, , .		47
175	Hadoop based real-time Big Data Architecture for remote sensing Earth Observatory System. , 2015, , .		13
176	Dependability and reliability analysis of intra cluster routing technique. Peer-to-Peer Networking and Applications, 2015, 8, 838-850.	3.9	11
177	Using physical layer clock recovery to augment application layer time synchronization. Journal of Supercomputing, 2015, 71, 2153-2176.	3.6	1
178	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
179	Embedded surveillance system for vehicular networks. , 2015, , .		3
180	Embedded surveillance system for vehicular networks. , 2015, , .		1

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181	A game theory-based block image compression method in encryption domain. Journal of Supercomputing, 2015, 71, 3353-3372.	3.6	15
182	Near real-time big data analysis on vehicular networks. , 2015, , .		10
183	User-centric incremental learning model of dynamic personal identification for mobile devices. Multimedia Systems, 2015, 21, 121-130.	4.7	2
184	Adaptive Search Window for High Efficiency Video Coding. Journal of Signal Processing Systems, 2015, 79, 257-262.	2.1	11
185	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
186	Integration of Capillary Devices in the Smart Society based on Web of Things. , 2015, , .		0
187	Time-and-ID-Based Proxy Reencryption Scheme. Journal of Applied Mathematics, 2014, 2014, 1-7.	0.9	6
188	A Partition-Based Active Contour Model Incorporating Local Information for Image Segmentation. Scientific World Journal, The, 2014, 2014, 1-19.	2.1	3
189	Real-Time Power Management for Embedded M2M Using Intelligent Learning Methods. Transactions on Embedded Computing Systems, 2014, 13, 1-22.	2.9	31
190	Semisupervised Particle Swarm Optimization for Classification. Mathematical Problems in Engineering, 2014, 2014, 1-11.	1.1	8
191	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
192	Optimized data transmission using cooperative devices in clustered D2D communication. , 2014, , .		3
193	Enhanced long-range personal identification based on multimodal information of human features. Multimedia Tools and Applications, 2014, 73, 291-307.	3.9	4
194	Interactive scheduling for mobile multimedia service in M2M environment. Multimedia Tools and Applications, 2014, 71, 235-246.	3.9	18
195	Speech-driven talking face using embedded confusable system for real time mobile multimedia. Multimedia Tools and Applications, 2014, 73, 417-437.	3.9	5
196	Multilayer cluster designing algorithm for lifetime improvement of wireless sensor networks. Journal of Supercomputing, 2014, 70, 104-132.	3.6	33
197	Mobility Aware Energy Efficient Congestion Control in Mobile Wireless Sensor Network. International Journal of Distributed Sensor Networks, 2014, 10, 530416.	2.2	28
198	A Multi-Parameter Based Vertical Handover Decision Scheme for M2M Communications in HetMANET. , 2014, , .		0

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199	Dynamic power management for embedded ubiquitous systems. , 2013, , .		5
200	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
201	Video search and indexing with reinforcement agent for interactive multimedia services. Transactions on Embedded Computing Systems, 2013, 12, 1-16.	2.9	21
202	Graph based M2M optimization in an IoT environment. , 2013, , .		19
203	High Performance Adaptive Deblocking Filter for H.264/AVC. IETE Technical Review (Institution of) Tj ETQq1 1 0.784314 rgBT /Overlock	3.2	14
204	Graph based orange computing architecture for cyber-physical being. , 2013, , .		2
205	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
206	Dynamic Power Management for Ubiquitous Network Devices. Advanced Science Letters, 2013, 19, 2046-2049.	0.2	16
207	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
208	Sequencing jobs on a non-Markovian machine with random disruptions. IIE Transactions, 2012, 44, 671-680.	2.1	1
209	Gradient-based edge detection for motion estimation in H.264/AVC. IET Image Processing, 2011, 5, 323.	2.5	20
210	Region similarity based edge detection for motion estimation in H.264/AVC. IEICE Electronics Express, 2010, 7, 47-52.	0.8	6
211	Morphological dilation image coding with context weights prediction. Signal Processing: Image Communication, 2010, 25, 717-728.	3.2	18
212	Adaptive edge detection for motion estimation in H.264/AVC. , 2010, , .		1
213	Computation Aware Scheme for Visual Signal Processing. Journal of Software, 2010, 5, .	0.6	7
214	On path correlation and PERT bias. European Journal of Operational Research, 2008, 189, 1208-1216.	5.7	19
215	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
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