Meikang Qiu

List of Publications by Year
in descending order

330 papers	14,331 citations	12330 69 h-index	28297 105 g-index
335 all docs	335 docs citations	335 times ranked	7375 citing authors

#	Article	IF	Citations
1	Health-CPS: Healthcare Cyber-Physical System Assisted by Cloud and Big Data. IEEE Systems Journal, 2017, 11, 88-95.	4.6	657
2	Dynamic energy-aware cloudlet-based mobile cloud computing model for green computing. Journal of Network and Computer Applications, 2016, 59, 46-54.	9.1	435
3	Privacy-Preserving Energy Trading Using Consortium Blockchain in Smart Grid. IEEE Transactions on Industrial Informatics, 2019, 15, 3548-3558.	11.3	424
4	Online optimization for scheduling preemptable tasks on IaaS cloud systems. Journal of Parallel and Distributed Computing, 2012, 72, 666-677.	4.1	327
5	Phase-Change Memory Optimization for Green Cloud with Genetic Algorithm. IEEE Transactions on Computers, 2015, 64, 3528-3540.	3.4	307
6	A survey on FinTech. Journal of Network and Computer Applications, 2018, 103, 262-273.	9.1	303
7	Block-DEF: A secure digital evidence framework using blockchain. Information Sciences, 2019, 491, 151-165.	6.9	268
8	Privacy Protection for Preventing Data Over-Collection in Smart City. IEEE Transactions on Computers, 2016, 65, 1339-1350.	3.4	215
9	Intelligent Fault Diagnosis by Fusing Domain Adversarial Training and Maximum Mean Discrepancy via Ensemble Learning. IEEE Transactions on Industrial Informatics, 2021, 17, 2833-2841.	11.3	206
10	Cost minimization while satisfying hard/soft timing constraints for heterogeneous embedded systems. ACM Transactions on Design Automation of Electronic Systems, 2009, 14, 1-30.	2.6	202
11	Reinforcement Learning-based Content-Centric Services in Mobile Sensing. IEEE Network, 2018, 32, 34-39.	6.9	188
12	Differential Privacy-Based Blockchain for Industrial Internet-of-Things. IEEE Transactions on Industrial Informatics, 2020, 16, 4156-4165.	11.3	181
13	Intelligent cryptography approach for secure distributed big data storage in cloud computing. Information Sciences, 2017, 387, 103-115.	6.9	177
14	Optimal resource allocation using reinforcement learning for IoT content-centric services. Applied Soft Computing Journal, 2018, 70, 12-21.	7.2	175
15	Energy-aware task assignment for mobile cyber-enabled applications in heterogeneous cloud computing. Journal of Parallel and Distributed Computing, 2018, 111, 126-135.	4.1	171
16	Spoofing-Jamming Attack Strategy Using Optimal Power Distributions in Wireless Smart Grid Networks. IEEE Transactions on Smart Grid, 2017, 8, 2431-2439.	9.0	159
17	Adversarial Attacks Against Network Intrusion Detection in IoT Systems. IEEE Internet of Things Journal, 2021, 8, 10327-10335.	8.7	148
18	Balance of security strength and energy for a PMU monitoring system in smart grid. IEEE Communications Magazine, 2012, 50, 142-149.	6.1	144

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19	Blend Arithmetic Operations on Tensor-Based Fully Homomorphic Encryption Over Real Numbers. IEEE Transactions on Industrial Informatics, 2018, 14, 3590-3598.	11.3	144
20	Secure Health Data Sharing for Medical Cyber-Physical Systems for the Healthcare 4.0. IEEE Journal of Biomedical and Health Informatics, 2020, 24, 2499-2505.	6.3	144
21	Mobility-Aware Caching and Computation Offloading in 5G Ultra-Dense Cellular Networks. Sensors, 2016, 16, 974.	3.8	138
22	Resource Management in Sustainable Cyber-Physical Systems Using Heterogeneous Cloud Computing. IEEE Transactions on Sustainable Computing, 2018, 3, 60-72.	3.1	137
23	Intrusion detection techniques for mobile cloud computing in heterogeneous 5G. Security and Communication Networks, 2016, 9, 3049-3058.	1.5	131
24	Selective encryption on ECG data in body sensor network based on supervised machine learning. Information Fusion, 2020, 55, 59-67.	19.1	130
25	Energy Efficient Security Algorithm for Power Grid Wide Area Monitoring System. IEEE Transactions on Smart Grid, 2011, 2, 715-723.	9.0	128
26	Privacy-Preserving Content-Oriented Wireless Communication in Internet-of-Things. IEEE Internet of Things Journal, 2018, 5, 3059-3067.	8.7	128
27	Resource allocation robustness in multi-core embedded systems with inaccurate information. Journal of Systems Architecture, 2011, 57, 840-849.	4.3	126
28	Cost-Aware Multimedia Data Allocation for Heterogeneous Memory Using Genetic Algorithm in Cloud Computing. IEEE Transactions on Cloud Computing, 2020, 8, 1212-1222.	4.4	126
29	Who Moved My Data? Privacy Protection in Smartphones. , 2017, 55, 20-25.		125
30	Energy-Aware Data Allocation With Hybrid Memory for Mobile Cloud Systems. IEEE Systems Journal, 2017, 11, 813-822.	4.6	123
31	SPHA: Smart Personal Health Advisor Based on Deep Analytics. IEEE Communications Magazine, 2018, 56, 164-169.	6.1	121
32	Public Vehicles for Future Urban Transportation. IEEE Transactions on Intelligent Transportation Systems, 2016, 17, 3344-3353.	8.0	114
33	Cloud Infrastructure Resource Allocation for Big Data Applications. IEEE Transactions on Big Data, 2018, 4, 313-324.	6.1	112
34	Privacy-preserving wireless communications using bipartite matching in social big data. Future Generation Computer Systems, 2018, 87, 772-781.	7.5	112
35	A Study on Big Knowledge and Its Engineering Issues. IEEE Transactions on Knowledge and Data Engineering, 2019, 31, 1630-1644.	5.7	110
36	Low-Power Low-Latency Data Allocation for Hybrid Scratch-Pad Memory. IEEE Embedded Systems Letters, 2014, 6, 69-72.	1.9	109

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37	A hierarchical reliability-driven scheduling algorithm in grid systems. Journal of Parallel and Distributed Computing, 2012, 72, 525-535.	4.1	107
38	A Novel Secure Big Data Cyber Incident Analytics Framework for Cloud-Based Cybersecurity Insurance. , 2016, , .		107
39	Proactive user-centric secure data scheme using attribute-based semantic access controls for mobile clouds in financial industry. Future Generation Computer Systems, 2018, 80, 421-429.	7.5	107
40	Secure V2X Communication Network based on Intelligent PKI and Edge Computing. IEEE Network, 2020, 34, 172-178.	6.9	107
41	QoS-Aware Fault-Tolerant Scheduling for Real-Time Tasks on Heterogeneous Clusters. IEEE Transactions on Computers, 2011, 60, 800-812.	3.4	106
42	Enabling Cloud Computing in Emergency Management Systems. IEEE Cloud Computing, 2014, 1, 60-67.	3.9	106
43	Three-phase time-aware energy minimization with DVFS and unrolling for Chip Multiprocessors. Journal of Systems Architecture, 2012, 58, 439-445.	4.3	103
44	An Investigation on Cyber Security Threats and Security Models. , 2015, , .		102
45	Variable Partitioning and Scheduling for MPSoC with Virtually Shared Scratch Pad Memory. Journal of Signal Processing Systems, 2010, 58, 247-265.	2.1	99
46	A Review on Cloud Computing: Design Challenges in Architecture and Security. Journal of Computing and Information Technology, 2011, 19, 25.	0.3	99
47	A Reusable Software Component for Integrated Syntax and Semantic Validation for Services Computing. , 2015, , .		99
48	Security-aware optimization for ubiquitous computing systems with SEAT graph approach. Journal of Computer and System Sciences, 2013, 79, 518-529.	1.2	98
49	Informer homed routing fault tolerance mechanism for wireless sensor networks. Journal of Systems Architecture, 2013, 59, 260-270.	4.3	98
50	Data transfer minimization for financial derivative pricing using Monte Carlo simulation with GPU in 5G. International Journal of Communication Systems, 2016, 29, 2364-2374.	2.5	98
51	A Dynamic Scalable Blockchain Based Communication Architecture for IoT. Lecture Notes in Computer Science, 2018, , 159-166.	1.3	97
52	Exponential ${m H}_{infty}$ Synchronization of General Discrete-Time Chaotic Neural Networks With or Without Time Delays. IEEE Transactions on Neural Networks, 2010, 21, 1358-1365.	4.2	95
53	Data Allocation for Hybrid Memory With Genetic Algorithm. IEEE Transactions on Emerging Topics in Computing, 2015, 3, 544-555.	4.6	95
54	Secure wireless communication system for smart grid with rechargeable electric vehicles. , 2012, 50, 62-68.		94

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55	A Case Study of Sensor Data Collection and Analysis in Smart City: Provenance in Smart Food Supply Chain. International Journal of Distributed Sensor Networks, 2013, 9, 382132.	2.2	94
56	A User-Centric Data Protection Method for Cloud Storage Based on Invertible DWT. IEEE Transactions on Cloud Computing, 2021, 9, 1293-1304.	4.4	94
57	Deep Residual Learning based Enhanced JPEG Compression in the Internet of Things. IEEE Transactions on Industrial Informatics, 2020, , 1-1.	11.3	93
58	Low-Power, Intelligent Sensor Hardware Interface for Medical Data Preprocessing. IEEE Transactions on Information Technology in Biomedicine, 2009, 13, 656-663.	3.2	92
59	A Novel Energy-Aware Fault Tolerance Mechanism for Wireless Sensor Networks. , 2011, , .		92
60	RNA nanotechnology for computer design and *in vivo* computation. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2013, 371, 20120310.	3.4	92
61	Thermal-aware task scheduling in 3D chip multiprocessor with real-time constrained workloads. Transactions on Embedded Computing Systems, 2013, 12, 1-22.	2.9	91
62	Energy Efficient Task Assignment with Guaranteed Probability Satisfying Timing Constraints for Embedded Systems. IEEE Transactions on Parallel and Distributed Systems, 2014, 25, 2043-2052.	5.6	91
63	Security protection and checking for embedded system integration against buffer overflow attacks via hardware/software. IEEE Transactions on Computers, 2006, 55, 443-453.	3.4	90
64	Jamming ACK Attack to Wireless Networks and a Mitigation Approach. , 2008, , .		90
65	Optimal Data Allocation for Scratch-Pad Memory on Embedded Multi-core Systems. , 2011, , .		89
66	IoTDeM: An IoT Big Data-oriented MapReduce performance prediction extended model in multiple edge clouds. Journal of Parallel and Distributed Computing, 2018, 118, 316-327.	4.1	88
67	A novel pre-cache schema for high performance Android system. Future Generation Computer Systems, 2016, 56, 766-772.	7.5	87
68	Privacy-preserving multi-channel communication in Edge-of-Things. Future Generation Computer Systems, 2018, 85, 190-200.	7.5	87
69	Privacy-Preserving Data Encryption Strategy for Big Data in Mobile Cloud Computing. IEEE Transactions on Big Data, 2017, , 1-1.	6.1	86
70	Topological Graph Convolutional Network-Based Urban Traffic Flow and Density Prediction. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 4560-4569.	8.0	86
71	Electronic Health Record Error Prevention Approach Using Ontology in Big Data. , 2015, , .		85
72	Static Security Optimization for Real-Time Systems. IEEE Transactions on Industrial Informatics, 2009, 5, 22-37.	11.3	84

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73	Intercrossed Access Controls for Secure Financial Services on Multimedia Big Data in Cloud Systems. ACM Transactions on Multimedia Computing, Communications and Applications, 2016, 12, 1-18.	4.3	83
74	Throughput maximization for periodic real-time systems under the maximal temperature constraint. Transactions on Embedded Computing Systems, 2014, 13, 1-22.	2.9	82
75	Performance and Power Analysis of High-Density Multi-GPGPU Architectures: A Preliminary Case Study. , 2015, , .		82
76	Security-Aware Efficient Mass Distributed Storage Approach for Cloud Systems in Big Data. , 2016, , .		82
77	Optimal Big Data Sharing Approach for Tele-Health in Cloud Computing. , 2016, , .		82
78	Energy minimization with loop fusion and multi-functional-unit scheduling for multidimensional DSP. Journal of Parallel and Distributed Computing, 2008, 68, 443-455.	4.1	80
79	Feedback Dynamic Algorithms for Preemptable Job Scheduling in Cloud Systems. , 2010, , .		80
80	Dynamic and Leakage Energy Minimization With Soft Real-Time Loop Scheduling and Voltage Assignment. IEEE Transactions on Very Large Scale Integration (VLSI) Systems, 2010, 18, 501-504.	3.1	77
81	Enabling real-time information service on telehealth system over cloud-based big data platform. Journal of Systems Architecture, 2017, 72, 69-79.	4.3	76
82	Proactive Attribute-based Secure Data Schema for Mobile Cloud in Financial Industry. , 2015, , .		75
83	Energy Optimization With Dynamic Task Scheduling Mobile Cloud Computing. IEEE Systems Journal, 2017, 11, 96-105.	4.6	75
84	SA-EAST. Transactions on Embedded Computing Systems, 2017, 16, 1-22.	2.9	72
85	Adaptive resource allocation for preemptable jobs in cloud systems. , 2010, , .		71
86	Privacy-Aware Adaptive Data Encryption Strategy of Big Data in Cloud Computing. , 2016, , .		70
87	Keystroke Biometric Systems for User Authentication. Journal of Signal Processing Systems, 2017, 86, 175-190.	2.1	70
88	Efficiency-Aware Workload Optimizations of Heterogeneous Cloud Computing for Capacity Planning in Financial Industry. , 2015, , .		69
89	Multimedia layout adaptation through grammatical specifications. Multimedia Systems, 2005, 10, 245-260.	4.7	65
90	Retraining Strategy-Based Domain Adaption Network for Intelligent Fault Diagnosis. IEEE Transactions on Industrial Informatics, 2020, 16, 6163-6171.	11.3	64

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91	Loop scheduling and bank type assignment for heterogeneous multi-bank memory. Journal of Parallel and Distributed Computing, 2009, 69, 546-558.	4.1	60
92	Selecting proper wireless network interfaces for user experience enhancement with guaranteed probability. Journal of Parallel and Distributed Computing, 2012, 72, 1565-1575.	4.1	59
93	A decentralized approach for mining event correlations in distributed system monitoring. Journal of Parallel and Distributed Computing, 2013, 73, 330-340.	4.1	55
94	Integrating aspect analysis and local outlier factor for intelligent review spam detection. Future Generation Computer Systems, 2020, 102, 163-172.	7.5	54
95	Data Placement and Duplication for Embedded Multicore Systems With Scratch Pad Memory. IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems, 2013, 32, 809-817.	2.7	52
96	An efficient key distribution system for data fusion in V2X heterogeneous networks. Information Fusion, 2019, 50, 212-220.	19.1	52
97	Review on Image Processing Based Adversarial Example Defenses in Computer Vision. , 2020, , .		51
98	Reliable Data Collection Techniques in Underwater Wireless Sensor Networks: A Survey. IEEE Communications Surveys and Tutorials, 2022, 24, 404-431.	39.4	51
99	All-Or-Nothing data protection for ubiquitous communication: Challenges and perspectives. Information Sciences, 2019, 502, 434-445.	6.9	49
100	Security and Privacy Issues: A Survey on FinTech. Lecture Notes in Computer Science, 2017, , 236-247.	1.3	48
101	In-memory big data analytics under space constraints using dynamic programming. Future Generation Computer Systems, 2018, 83, 219-227.	7.5	48
102	IoT Microservice Deployment in Edge-Cloud Hybrid Environment Using Reinforcement Learning. IEEE Internet of Things Journal, 2021, 8, 12610-12622.	8.7	47
103	Toward Smart Treatment Management for Personalized Healthcare. IEEE Network, 2019, 33, 30-36.	6.9	46
104	The Effects of Using Chaotic Map on Improving the Performance of Multiobjective Evolutionary Algorithms. Mathematical Problems in Engineering, 2014, 2014, 1-16.	1.1	45
105	PSAC: Proactive Sequence-Aware Content Caching via Deep Learning at the Network Edge. IEEE Transactions on Network Science and Engineering, 2020, 7, 2145-2154.	6.4	44
106	High reliable real-time bandwidth scheduling for virtual machines with hidden Markov predicting in telehealth platform. Future Generation Computer Systems, 2015, 49, 68-76.	7.5	43
107	DeepVCM: A Deep Learning Based Intrusion Detection Method in VANET. , 2019, , .		38
108	Deep Neural Network Security Collaborative Filtering Scheme for Service Recommendation in Intelligent Cyber–Physical Systems. IEEE Internet of Things Journal, 2022, 9, 22123-22132.	8.7	36

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109	Loop Parallelism Maximization for Multimedia Data Processing in Mobile Vehicular Clouds. IEEE Transactions on Cloud Computing, 2019, 7, 250-258.	4.4	34
110	Distributed Feature Selection for Big Data Using Fuzzy Rough Sets. IEEE Transactions on Fuzzy Systems, 2020, 28, 846-857.	9.8	34
111	Secure Data Sharing Through Untrusted Clouds with Blockchain-enhanced Key Management. , 2020, , .		34
112	Application of Blockchain in Asset-Backed Securitization. , 2020, , .		33
113	Senior2Local: A Machine Learning Based Intrusion Detection Method for VANETs. Lecture Notes in Computer Science, 2018, , 417-426.	1.3	32
114	Energy-Aware Loop Parallelism Maximization for Multi-core DSP Architectures. , 2010, , .		31
115	Security-Aware Information Classifications Using Supervised Learning for Cloud-Based Cyber Risk Management in Financial Big Data. , 2016, , .		31
116	A Data Augmentation-Based Defense Method Against Adversarial Attacks in Neural Networks. Lecture Notes in Computer Science, 2020, , 274-289.	1.3	31
117	An LOF-Based Adaptive Anomaly Detection Scheme for Cloud Computing. , 2013, , .		29
118	Online Data Allocation for Hybrid Memories on Embedded Tele-health Systems. , 2014, , .		29
119	A Multiple Priority Queueing Genetic Algorithm for Task Scheduling on Heterogeneous Computing Systems. , 2012, , .		28
120	Adaptive Resource Allocation Optimization in Heterogeneous Mobile Cloud Systems. , 2015, , .		28
121	Energy-Aware Optimal Task Assignment for Mobile Heterogeneous Embedded Systems in Cloud Computing. , 2016, , .		28
122	Toward Secure and Efficient Deep Learning Inference in Dependable IoT Systems. IEEE Internet of Things Journal, 2021, 8, 3180-3188.	8.7	28
123	Advanced Fully Homomorphic Encryption Scheme Over Real Numbers. , 2017, , .		27
124	Lightweight Selective Encryption for Social Data Protection Based on EBCOT Coding. IEEE Transactions on Computational Social Systems, 2020, 7, 205-214.	4.4	25
125	Client Scheduling and Resource Management for Efficient Training in Heterogeneous IoT-Edge Federated Learning. IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems, 2022, 41, 2407-2420.	2.7	25
126	Cyber Incident Classifications Using Ontology-Based Knowledge Representation for Cybersecurity Insurance in Financial Industry. , 2016, , .		24

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127	An Efficient Service Recommendation Algorithm for Cyber-Physical-Social Systems. IEEE Transactions on Network Science and Engineering, 2022, 9, 3847-3859.	6.4	24
128	Rotation Scheduling and Voltage Assignment to Minimize Energy for SoC. , 2009, , .		23
129	Joint Beamforming Coordination and User Selection for CoMP-Enabled NR-U Networks. IEEE Internet of Things Journal, 2022, 9, 14530-14541.	8.7	22
130	Using the Greenup, Powerup, and Speedup metrics to evaluate software energy efficiency. , 2015, , .		21
131	Security enhancement of cloud servers with a redundancy-based fault-tolerant cache structure. Future Generation Computer Systems, 2015, 52, 147-155.	7.5	20
132	An energy-efficient system on a programmable chip platform for cloud applications. Journal of Systems Architecture, 2017, 76, 117-132.	4.3	20
133	E2FS: an elastic storage system for cloud computing. Journal of Supercomputing, 2018, 74, 1045-1060.	3.6	20
134	Recurrent Tensor Factorization for time-aware service recommendation. Applied Soft Computing Journal, 2019, 85, 105762.	7.2	20
135	Anti-Counterfeit Scheme Using Monte Carlo Simulation for E-commerce in Cloud Systems. , 2015, , .		19
136	Authentication and Identification Methods Used in Keystroke Biometric Systems. , 2015, , .		18
137	Privacyâ€preserving smart data storage for financial industry in cloud computing. Concurrency Computation Practice and Experience, 2018, 30, e4278.	2.2	18
138	Distributed multi-hop cooperative communication inÂdense wireless sensor networks. Journal of Supercomputing, 2011, 56, 353-369.	3.6	17
139	Understanding Taxonomy of Cyber Risks for Cybersecurity Insurance of Financial Industry in Cloud Computing. , 2016, , .		17
140	Supporting high-quality video streaming with SDN-based CDNs. Journal of Supercomputing, 2017, 73, 3547-3561.	3.6	17
141	Brain-Based Computer Interfaces in Virtual Reality. , 2017, , .		17
142	An Analytical Model of Page Dissemination for Efficient Big Data Transmission of C-ITS. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 16524-16533.	8.0	17
143	Peak Temperature Minimization for Embedded Systems with DVS Transition Overhead Consideration. , 2012, , .		16
144	Crowdsensing-Based Cross-Operator Switch in Rail Transit Systems. IEEE Transactions on Communications, 2020, 68, 7938-7947.	7.8	16

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145	Energy-Based Learning forÂPreventing Backdoor Attack. Lecture Notes in Computer Science, 2022, , 706-721.	1.3	16
146	Sensor virtualization for underwater event detection. Journal of Systems Architecture, 2014, 60, 619-629.	4.3	15
147	Ontology-Based Knowledge Representation for Secure Self-Diagnosis in Patient-Centered Teleheath with Cloud Systems. , 2015, , .		15
148	A Novel Two-Stage Unsupervised Fault Recognition Framework Combining Feature Extraction and Fuzzy Clustering for Collaborative AIoT. IEEE Transactions on Industrial Informatics, 2022, 18, 1291-1300.	11.3	15
149	Defending jamming attack in wide-area monitoring system for smart grid. Telecommunication Systems, 2015, 60, 159-167.	2.5	14
150	An FPGA-Based Cloud System for Massive ECG Data Analysis. IEEE Transactions on Circuits and Systems II: Express Briefs, 2017, 64, 309-313.	3.0	14
151	Blockchain-Based Privacy-Preserving Medical Data Sharing Scheme Using Federated Learning. Lecture Notes in Computer Science, 2021, , 634-646.	1.3	14
152	Towards Power-Efficient Smartphones by Energy-Aware Dynamic Task Scheduling. , 2012, , .		13
153	TIGER: Thermal-Aware File Assignment in Storage Clusters. IEEE Transactions on Parallel and Distributed Systems, 2016, 27, 558-573.	5.6	13
154	Secure cyber incident analytics framework using Monte Carlo simulations for financial cybersecurity insurance in cloud computing. Concurrency Computation Practice and Experience, 2017, 29, e3856.	2.2	13
155	Multi-Access Filtering for Privacy-Preserving Fog Computing. IEEE Transactions on Cloud Computing, 2022, 10, 539-552.	4.4	13
156	Privacy-Preserving Adaptive Multi-channel Communications Under Timing Constraints. , 2016, , .		12
157	Energy minimization for heterogeneous wireless sensor networks. Journal of Embedded Computing, 2009, 3, 109-117.	0.2	11
158	Grounding high efficiency cloud computing architecture: HW-SW co-design and implementation of a stand-alone web server on FPGA. , 2011, , .		11
159	Energy consumption analysis of parallel sorting algorithms running on multicore systems. , 2012, , .		11
160	Energy-aware routing for delay-sensitive underwater wireless sensor networks. Science China Information Sciences, 2014, 57, 1-14.	4.3	11
161	Enabling dynamic file I/O path selection at runtime for parallel file system. Journal of Supercomputing, 2014, 68, 996-1021.	3.6	11
162	An SDN-Based Fabric for Flexible Data-Center Networks. , 2015, , .		11

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163	Research on application classification method in cloud computing environment. Journal of Supercomputing, 2017, 73, 3488-3507.	3.6	11
164	Extending Amdahlâ€™s law and Gustafsonâ€™s law by evaluating interconnections on multi-core processors. Journal of Supercomputing, 2013, 66, 305-319.	3.6	10
165	A Multi-order Markov Chain Based Scheme for Anomaly Detection. , 2013, , .		10
166	A RF4CE-based remote controller with interactive graphical user interface applied to home automation system. Transactions on Embedded Computing Systems, 2013, 12, 1-19.	2.9	10
167	Software Defined Mobile Cloudlet. Mobile Networks and Applications, 2015, 20, 337-347.	3.3	10
168	Cross-Domain Sentiment Analysis of Product Reviews by Combining Lexicon-Based and Learn-Based Techniques. , 2015, , .		10
169	Modeling for CPU-Intensive Applications in Cloud Computing. , 2015, , .		10
170	An Optimal Fully Homomorphic Encryption Scheme. , 2017, , .		10
171	Editorial: <italic>IEEE Transactions on Sustainable Computing</italic>, Special Issue on Smart Data and Deep Learning in Sustainable Computing. IEEE Transactions on Sustainable Computing, 2019, 4, 1-3.	3.1	10
172	Automated Student Engagement Monitoring and Evaluation during Learning in the Wild. , 2020, , .		10
173	A Study of Pre-trained Language Models in Natural Language Processing. , 2020, , .		10
174	A piecewise geometry method for optimizing the motion planning of data mule in tele-health wireless sensor networks. Wireless Networks, 2014, 20, 1839-1858.	3.0	9
175	Information Security Policy for E-Commerce in Saudi Arabia. , 2016, , .		9
176	Smart Energy-Aware Data Allocation for Heterogeneous Memory. , 2016, , .		9
177	A capacity improving and energy saving scheduling scheme in push-based converged wireless broadcasting and cellular networks. , 2016, , .		9
178	Guest Editorial: Special Section on Emerging Privacy and Security Issues Brought by Artificial Intelligence in Industrial Informatics. IEEE Transactions on Industrial Informatics, 2020, 16, 2029-2030.	11.3	9
179	Battery-aware task scheduling in distributed mobile systems with lifetime constraint. , 2011, , .		8
180	Reliability analysis of an energy-aware RAID system. , 2011, , .		8

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181	Meta Meta-Analytics for Risk Forecast Using Big Data Meta-Regression in Financial Industry. , 2015, , .		8
182	Maintainable Mobile Model Using Pre-Cache Technology for High Performance Android System. , 2015, , .		8
183	Energy Efficiency Optimization for Communication of Air-Based Information Network with Guaranteed Timing Constraints. Journal of Signal Processing Systems, 2017, 86, 299-312.	2.1	8
184	Dynamic application allocation with resource balancing on NoC based many-core embedded systems. Journal of Systems Architecture, 2017, 79, 59-72.	4.3	8
185	Heterogeneous Assignment of Functional Units with Gaussian Execution Time on A Tree. , 2018, , .		8
186	Privacy-Preserving Data Synchronization Using Tensor-Based Fully Homomorphic Encryption. , 2018, , .		8
187	An Improved Classifier Chain Algorithm for Multi-label Classification of Big Data Analysis. , 2015, , .		7
188	Transfer Problem in a Cloud-based Public Vehicle System with Sustainable Discomfort. Mobile Networks and Applications, 2016, 21, 890-900.	3.3	7
189	Informed Prefetching for Distributed Multi-Level Storage Systems. Journal of Signal Processing Systems, 2018, 90, 619-640.	2.1	7
190	SNC: A Cloud Service Platform for Symbolic-Numeric Computation Using Just-In-Time Compilation. IEEE Transactions on Cloud Computing, 2019, 7, 580-592.	4.4	7
191	Personality- and Value-Aware Scheduling of User Requests in Cloud for Profit Maximization. IEEE Transactions on Cloud Computing, 2022, 10, 1991-2004.	4.4	7
192	Reputation-Based Trustworthy Supply Chain Management Using Smart Contract. Lecture Notes in Computer Science, 2020, , 35-49.	1.3	7
193	ADS-Lead: Lifelong Anomaly Detection in Autonomous Driving Systems. IEEE Transactions on Intelligent Transportation Systems, 2023, 24, 1039-1051.	8.0	7
194	Thermal-aware rotation scheduling for 3D multi-core with timing constraint. , 2010, , .		6
195	Understanding Model Risk Management -- Model Rationalization in Financial Industry. , 2015, , .		6
196	Model Risk Management Systems-Back-End, Middleware, Front-End and Analytics. , 2015, , .		6
197	Improving phasor data concentrators reliability for smart grid. Transactions on Emerging Telecommunications Technologies, 2015, 26, 1039-1049.	3.9	6
198	Cloud-assisted Industrial Systems and Applications. Mobile Networks and Applications, 2016, 21, 822-824.	3.3	6

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199	An efficient cloud storage system for tele-health services. Journal of Supercomputing, 2017, 73, 2949-2965.	3.6	6
200	Novel online data allocation for hybrid memories on tele-health systems. Microprocessors and Microsystems, 2017, 52, 391-400.	2.8	6
201	Secure Fragment Allocation in a Distributed Storage System with Heterogeneous Vulnerabilities. , 2011, , .		5
202	A Cloud Trust Authority Framework for Mobile Enterprise Information System. , 2014, , .		5
203	SwapBench: The Easy Way to Demystify Swapping in Mobile Systems. , 2015, , .		5
204	Resource scheduling for hybrid broadcasting and cellular networks. , 2015, , .		5
205	A Hardware Pipeline with High Energy and Resource Efficiency for FMM Acceleration. Transactions on Embedded Computing Systems, 2018, 17, 1-20.	2.9	5
206	Cost-aware optimal data allocations for multiple dimensional heterogeneous memories using dynamic programming in big data. Journal of Computational Science, 2018, 26, 402-408.	2.9	5
207	A Query-oriented Adaptive Indexing Technique for Smart Grid Big Data Analytics. Journal of Signal Processing Systems, 2018, 90, 1091-1103.	2.1	5
208	GAN-Enabled Code Embedding for Reentrant Vulnerabilities Detection. Lecture Notes in Computer Science, 2021, , 585-597.	1.3	5
209	Authentication Study for Brain-Based Computer Interfaces Using Music Stimulations. Lecture Notes in Computer Science, 2020, , 663-675.	1.3	5
210	Energy and Reliability-Aware Task Scheduling for Cost Optimization of DVFS-Enabled Cloud Workflows. IEEE Transactions on Cloud Computing, 2023, 11, 2127-2143.	4.4	5
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