

Yonggang Wen

List of Publications by Year in descending order

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253
papers

10,783
citations

71102

41
h-index

40979

93
g-index

260
all docs

260
docs citations

260
times ranked

9609
citing authors

#	ARTICLE	IF	CITATIONS
1	Toward Scalable Systems for Big Data Analytics: A Technology Tutorial. IEEE Access, 2014, 2, 652-687.	4.2	965
2	A Survey on Software-Defined Networking. IEEE Communications Surveys and Tutorials, 2015, 17, 27-51.	39.4	751
3	Data Center Energy Consumption Modeling: A Survey. IEEE Communications Surveys and Tutorials, 2016, 18, 732-794.	39.4	695
4	Energy-Optimal Mobile Cloud Computing under Stochastic Wireless Channel. IEEE Transactions on Wireless Communications, 2013, 12, 4569-4581.	9.2	679
5	A Survey on Consensus Mechanisms and Mining Strategy Management in Blockchain Networks. IEEE Access, 2019, 7, 22328-22370.	4.2	616
6	Cloud robotics: architecture, challenges and applications. IEEE Network, 2012, 26, 21-28.	6.9	394
7	Cloud radio access network (C-RAN): a primer. IEEE Network, 2015, 29, 35-41.	6.9	374
8	Energy-optimal mobile application execution: Taming resource-poor mobile devices with cloud clones. , 2012, , .		294
9	Collaborative Task Execution in Mobile Cloud Computing Under a Stochastic Wireless Channel. IEEE Transactions on Wireless Communications, 2015, 14, 81-93.	9.2	210
10	Tensor Canonical Correlation Analysis for Multi-View Dimension Reduction. IEEE Transactions on Knowledge and Data Engineering, 2015, 27, 3111-3124.	5.7	183
11	Resource Management in Cloud Networking Using Economic Analysis and Pricing Models: A Survey. IEEE Communications Surveys and Tutorials, 2017, 19, 954-1001.	39.4	175
12	QoE-Driven Cache Management for HTTP Adaptive Bit Rate Streaming Over Wireless Networks. IEEE Transactions on Multimedia, 2013, 15, 1431-1445.	7.2	167
13	A Survey on Data Center Networking (DCN): Infrastructure and Operations. IEEE Communications Surveys and Tutorials, 2017, 19, 640-656.	39.4	166
14	Toward profit-seeking virtual network embedding algorithm via global resource capacity. , 2014, , .		141
15	Machine Learning: An Advanced Platform for Materials Development and State Prediction in Lithium-ion Batteries. Advanced Materials, 2022, 34, e2101474.	21.0	140
16	Cloud Mobile Media: Reflections and Outlook. IEEE Transactions on Multimedia, 2014, 16, 885-902.	7.2	136
17	DeepComfort: Energy-Efficient Thermal Comfort Control in Buildings Via Reinforcement Learning. IEEE Internet of Things Journal, 2020, 7, 8472-8484.	8.7	127
18	Multiview Vector-Valued Manifold Regularization for Multilabel Image Classification. IEEE Transactions on Neural Networks and Learning Systems, 2013, 24, 709-722.	11.3	126

#	ARTICLE	IF	CITATIONS
19	Energy-efficient scheduling policy for collaborative execution in mobile cloud computing. , 2013, , .		126
20	Transforming Cooling Optimization for Green Data Center via Deep Reinforcement Learning. IEEE Transactions on Cybernetics, 2020, 50, 2002-2013.	9.5	105
21	Joint Content Replication and Request Routing for Social Video Distribution Over Cloud CDN: A Community Clustering Method. IEEE Transactions on Circuits and Systems for Video Technology, 2016, 26, 1320-1333.	8.3	93
22	Enabling technologies for future data center networking: a primer. IEEE Network, 2013, 27, 8-15.	6.9	88
23	Efficient fault-diagnosis algorithms for all-optical WDM networks with probabilistic link failures. Journal of Lightwave Technology, 2005, 23, 3358-3371.	4.6	85
24	Algorithms and Applications for Community Detection in Weighted Networks. IEEE Transactions on Parallel and Distributed Systems, 2015, 26, 2916-2926.	5.6	85
25	JALAD: Joint Accuracy-And Latency-Aware Deep Structure Decoupling for Edge-Cloud Execution. , 2018, , .		84
26	Large Margin Multi-Modal Multi-Task Feature Extraction for Image Classification. IEEE Transactions on Image Processing, 2016, 25, 414-427.	9.8	80
27	Towards Cost-Efficient Video Transcoding in Media Cloud: Insights Learned From User Viewing Patterns. IEEE Transactions on Multimedia, 2015, 17, 1286-1296.	7.2	77
28	Rapid and high capacity methane storage in clathrate hydrates using surfactant dry solution. Chemical Engineering Science, 2014, 106, 53-59.	3.8	76
29	Cost-Sensitive Feature Selection by Optimizing F-Measures. IEEE Transactions on Image Processing, 2018, 27, 1323-1335.	9.8	74
30	Optimal Transcoding and Caching for Adaptive Streaming in Media Cloud: an Analytical Approach. IEEE Transactions on Circuits and Systems for Video Technology, 2015, 25, 1914-1925.	8.3	73
31	On the Cost-QoE Tradeoff for Cloud-Based Video Streaming Under Amazon EC2's Pricing Models. IEEE Transactions on Circuits and Systems for Video Technology, 2014, 24, 669-680.	8.3	71
32	Energy-Efficient Task Execution for Application as a General Topology in Mobile Cloud Computing. IEEE Transactions on Cloud Computing, 2018, 6, 708-719.	4.4	69
33	Towards name-based trust and security for content-centric network. , 2011, , .		68
34	Multicolumn Bidirectional Long Short-Term Memory for Mobile Devices-Based Human Activity Recognition. IEEE Internet of Things Journal, 2016, 3, 1124-1134.	8.7	67
35	Transferring Knowledge Fragments for Learning Distance Metric from a Heterogeneous Domain. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2019, 41, 1013-1026.	13.9	67
36	Towards Joint Optimization Over ICT and Cooling Systems in Data Centre: A Survey. IEEE Communications Surveys and Tutorials, 2016, 18, 1596-1616.	39.4	66

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37	Facial Age Estimation With Age Difference. IEEE Transactions on Image Processing, 2017, 26, 3087-3097.	9.8	63
38	Toward Optimal Deployment of Cloud-Assisted Video Distribution Services. IEEE Transactions on Circuits and Systems for Video Technology, 2013, 23, 1717-1728.	8.3	61
39	Lab-on-Mask for Remote Respiratory Monitoring. , 2020, 2, 1178-1181.		58
40	Thermal Comfort Modeling for Smart Buildings: A Fine-Grained Deep Learning Approach. IEEE Internet of Things Journal, 2019, 6, 2540-2549.	8.7	57
41	Optimizing Joint Erasure- and Error-Correction Coding for Wireless Packet Transmissions. IEEE Transactions on Wireless Communications, 2008, 7, 4586-4595.	9.2	52
42	Toward a unified elastic computing platform for smartphones with cloud support. IEEE Network, 2013, 27, 34-40.	6.9	52
43	Resource Allocation with Incomplete Information for QoE-Driven Multimedia Communications. IEEE Transactions on Wireless Communications, 2013, 12, 3733-3745.	9.2	51
44	Joint Deep Multi-View Learning for Image Clustering. IEEE Transactions on Knowledge and Data Engineering, 2021, 33, 3594-3606.	5.7	51
45	Coordinating In-Network Caching in Content-Centric Networks: Model and Analysis. , 2013, , .		49
46	Information diffusion in mobile social networks: The speed perspective. , 2014, , .		49
47	Dynamic Request Redirection and Elastic Service Scaling in Cloud-Centric Media Networks. IEEE Transactions on Multimedia, 2014, 16, 1434-1445.	7.2	47
48	Characterization and prediction of deep learning workloads in large-scale GPU datacenters. , 2021, , .		47
49	Toward transcoding as a service: energy-efficient offloading policy for green mobile cloud. IEEE Network, 2014, 28, 67-73.	6.9	46
50	Distributed Wireless Video Scheduling With Delayed Control Information. IEEE Transactions on Circuits and Systems for Video Technology, 2014, 24, 889-901.	8.3	45
51	DeepEE: Joint Optimization of Job Scheduling and Cooling Control for Data Center Energy Efficiency Using Deep Reinforcement Learning. , 2019, , .		43
52	CoDaaS: An experimental cloud-centric content delivery platform for user-generated contents. , 2012, , .		42
53	An Empirical Investigation of the Impact of Server Virtualization on Energy Efficiency for Green Data Center. Computer Journal, 2013, 56, 977-990.	2.4	41
54	Toward an SDN-enabled big data platform for social TV analytics. IEEE Network, 2015, 29, 43-49.	6.9	41

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55	Towards Information Diffusion in Mobile Social Networks. IEEE Transactions on Mobile Computing, 2016, 15, 1292-1304.	5.8	41
56	Network monitoring in multicast networks using network coding. , 2005, , .		40
57	Toward Cost-Efficient Content Placement in Media Cloud: Modeling and Analysis. IEEE Transactions on Multimedia, 2016, 18, 807-819.	7.2	39
58	iTCM: Toward Learning-Based Thermal Comfort Modeling via Pervasive Sensing for Smart Buildings. IEEE Internet of Things Journal, 2018, 5, 4164-4177.	8.7	38
59	How Much to Coordinate? Optimizing In-Network Caching in Content-Centric Networks. IEEE Transactions on Network and Service Management, 2015, 12, 420-434.	4.9	36
60	DeepQoE: A Multimodal Learning Framework for Video Quality of Experience (QoE) Prediction. IEEE Transactions on Multimedia, 2020, 22, 3210-3223.	7.2	36
61	Dynamic transparent virtual network embedding over elastic optical infrastructures. , 2013, , .		35
62	Resource Provisioning and Profit Maximization for Transcoding in Clouds: A Two-Timescale Approach. IEEE Transactions on Multimedia, 2017, 19, 836-848.	7.2	35
63	Special Issue on Artificial Intelligence and Machine Learning for Networking and Communications. IEEE Journal on Selected Areas in Communications, 2019, 37, 1185-1191.	14.0	34
64	Community based effective social video contents placement in cloud centric CDN network. , 2014, , .		33
65	Toward Transcoding as a Service in a Multimedia Cloud: Energy-Efficient Job-Dispatching Algorithm. IEEE Transactions on Vehicular Technology, 2014, 63, 2002-2012.	6.3	33
66	CBM: Online Strategies on Cost-Aware Buffer Management for Mobile Video Streaming. IEEE Transactions on Multimedia, 2014, 16, 242-252.	7.2	31
67	Public Cloud Storage-Assisted Mobile Social Video Sharing: A Supermodular Game Approach. IEEE Journal on Selected Areas in Communications, 2017, 35, 545-556.	14.0	31
68	Reducing Operational Costs in Cloud Social TV: <newline/>An Opportunity for Cloud Cloning. IEEE Transactions on Multimedia, 2014, 16, 1739-1751.	7.2	30
69	Manifold regularized multi-view feature selection for social image annotation. Neurocomputing, 2016, 204, 135-141.	5.9	30
70	Energy efficiency and server virtualization in data centers: An empirical investigation. , 2012, , .		29
71	Energy-efficient wideband cable access networks in future smart cities. , 2013, 51, 94-100.		28
72	Toward Multiscreen Social TV with Geolocation-Aware Social Sense. IEEE MultiMedia, 2014, 21, 10-19.	1.7	28

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73	Heterogeneous Multitask Metric Learning Across Multiple Domains. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 4051-4064.	11.3	28
74	Optimizing Quality of Experience for Adaptive Bitrate Streaming via Viewer Interest Inference. IEEE Transactions on Multimedia, 2018, 20, 3399-3413.	7.2	28
75	Efficient Compute-Intensive Job Allocation in Data Centers via Deep Reinforcement Learning. IEEE Transactions on Parallel and Distributed Systems, 2020, 31, 1474-1485.	5.6	28
76	Toward a Systematic Survey for Carbon Neutral Data Centers. IEEE Communications Surveys and Tutorials, 2022, 24, 895-936.	39.4	28
77	The last minute: Efficient Data Evacuation strategy for sensor networks in post-disaster applications. , 2011, , .		25
78	Towards Distributed Machine Learning in Shared Clusters: A Dynamically-Partitioned Approach. , 2017, , .		25
79	Analysis and application of the piezoelectric energy harvester on light electric logistics vehicle suspension systems. Energy Science and Engineering, 2019, 7, 2741-2755.	4.0	25
80	Supporting Seamless Virtual Machine Migration via Named Data Networking in Cloud Data Center. IEEE Transactions on Parallel and Distributed Systems, 2015, 26, 3485-3497.	5.6	24
81	Learning-based power prediction for data centre operations via deep neural networks. , 2016, , .		24
82	Toward Efficient Compute-Intensive Job Allocation for Green Data Centers: A Deep Reinforcement Learning Approach. , 2019, , .		24
83	Deepqoe: A Unified Framework for Learning to Predict Video QoE. , 2018, , .		22
84	Distributed Algorithm for Tree-Structured Data Aggregation Service Placement in Smart Grid. IEEE Systems Journal, 2014, 8, 553-561.	4.6	21
85	Video transcoding for adaptive bitrate streaming over edge-cloud continuum. Digital Communications and Networks, 2021, 7, 598-604.	5.0	21
86	When Wireless Video Streaming Meets AI: A Deep Learning Approach. IEEE Wireless Communications, 2020, 27, 127-133.	9.0	20
87	Toward Efficient Distributed Algorithms for In-Network Binary Operator Tree Placement in Wireless Sensor Networks. IEEE Journal on Selected Areas in Communications, 2013, 31, 743-755.	14.0	19
88	Balanced Hashing and Efficient GPU Sparse General Matrix-Matrix Multiplication. , 2016, , .		19
89	Toward Wi-Fi AP-Assisted Content Prefetching for an On-Demand TV Series: A Learning-Based Approach. IEEE Transactions on Circuits and Systems for Video Technology, 2018, 28, 1665-1676.	8.3	18
90	Demystifying Thermal Comfort in Smart Buildings: An Interpretable Machine Learning Approach. IEEE Internet of Things Journal, 2021, 8, 8021-8031.	8.7	18

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91	Toward monetary cost effective content placement in cloud centric media network. , 2013, , .		17
92	Cost optimal video transcoding in media cloud: Insights from user viewing pattern. , 2014, , .		17
93	vCache: Supporting Cost-Efficient Adaptive Bitrate Streaming. IEEE MultiMedia, 2017, 24, 19-27.	1.7	17
94	Toward Intelligent Multizone Thermal Control With Multiagent Deep Reinforcement Learning. IEEE Internet of Things Journal, 2021, 8, 11150-11162.	8.7	17
95	Designing an inter-cloud messaging protocol for content distribution as a service (CoDaaS) over future internet. , 2011, , .		16
96	Morph. , 2016, , .		16
97	Dynamic Resource Provisioning with QoS Guarantee for Video Transcoding in Online Video Sharing Service. , 2016, , .		16
98	Budget-Efficient Viral Video Distribution Over Online Social Networks: Mining Topic-Aware Influential Users. IEEE Transactions on Circuits and Systems for Video Technology, 2018, 28, 759-771.	8.3	16
99	Control of Air Free-Cooled Data Centers in Tropics via Deep Reinforcement Learning. , 2019, , .		16
100	Chronus. , 2021, , .		16
101	Revenue-driven virtual network embedding based on global resource information. , 2013, , .		15
102	When Cloud Media Meet Network Function Virtualization: Challenges and Applications. IEEE MultiMedia, 2017, 24, 72-82.	1.7	15
103	Transforming Device Fingerprinting for Wireless Security via Online Multitask Metric Learning. IEEE Internet of Things Journal, 2020, 7, 208-219.	8.7	15
104	Heterogeneous Transfer Learning for Thermal Comfort Modeling. , 2019, , .		15
105	Energy minimization via dynamic voltage scaling for real-time video encoding on mobile devices. , 2012, , .		14
106	Social TV analytics. , 2014, , .		14
107	PAINT: Partial in-network transcoding for adaptive streaming in information centric network. , 2014, , .		14
108	FUN Coding: Design and Analysis. IEEE/ACM Transactions on Networking, 2016, 24, 3340-3353.	3.8	14

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109	ResumeGAN. , 2019, , .		14
110	Lightweight packet scheduling algorithms for content uploading from mobile devices to media cloud. , 2011, , .		13
111	Community detection in weighted networks: Algorithms and applications. , 2013, , .		13
112	Towards joint resource allocation and routing to optimize video distribution over future internet. , 2015, , .		13
113	Adaptive and scalable load balancing for metadata server cluster in cloud-scale file systems. Frontiers of Computer Science, 2015, 9, 904-918.	2.4	13
114	Dynamic Priority-Based Resource Provisioning for Video Transcoding With Heterogeneous QoS. IEEE Transactions on Circuits and Systems for Video Technology, 2019, 29, 1515-1529.	8.3	13
115	On P2P mechanisms for VM image distribution in cloud data centers: Modeling, analysis and improvement. , 2012, , .		12
116	Multi-screen cloud social TV. , 2013, , .		12
117	Minimizing monetary cost via cloud clone migration in multi-screen cloud social TV system. , 2013, , .		12
118	Rate-Adaptive Feedback with Bayesian Compressive Sensing in Multiuser MIMO Beamforming Systems. IEEE Transactions on Wireless Communications, 2016, , 1-1.	9.2	12
119	Delay-Optimized File Retrieval under LT-Based Cloud Storage. IEEE Transactions on Cloud Computing, 2017, 5, 656-666.	4.4	12
120	Visual Classification of Furniture Styles. ACM Transactions on Intelligent Systems and Technology, 2017, 8, 1-20.	4.5	12
121	Thermal Analysis for Underground Data Centres in the Tropics. Energy Procedia, 2017, 143, 223-229.	1.8	12
122	Energy Optimal Wireless Data Transmission for Wearable Devices: A Compression Approach. IEEE Transactions on Vehicular Technology, 2018, 67, 9605-9618.	6.3	12
123	Content-Aware Personalised Rate Adaptation for Adaptive Streaming via Deep Video Analysis. , 2019, , .		12
124	Coordinating Workload Scheduling of Geo-Distributed Data Centers and Electricity Generation of Smart Grid. IEEE Transactions on Services Computing, 2020, 13, 1007-1020.	4.6	12
125	Smart coordination of virtual energy storage systems for distribution network management. International Journal of Electrical Power and Energy Systems, 2021, 129, 106816.	5.5	12
126	Skeleton construction in mobile social networks: Algorithms and applications. , 2014, , .		11

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127	Content Routing and Lookup Schemes Using Global Bloom Filter for Content-Delivery-as-a-Service. IEEE Systems Journal, 2014, 8, 268-278.	4.6	11
128	FogChain: A Blockchain-Based Peer-to-Peer Solar Power Trading System Powered by Fog AI. IEEE Internet of Things Journal, 2022, 9, 5200-5215.	8.7	11
129	Learning Relation Prototype from Unlabeled Texts for Long-tail Relation Extraction. IEEE Transactions on Knowledge and Data Engineering, 2021, , 1-1.	5.7	11
130	Deep Reinforcement Learning for Tropical Air Free-cooled Data Center Control. ACM Transactions on Sensor Networks, 2021, 17, 1-28.	3.6	11
131	Ultra-reliable communication over vulnerable all-optical networks via lightpath diversity. IEEE Journal on Selected Areas in Communications, 2005, 23, 1572-1587.	14.0	10
132	Toward green data centers as an interruptible load for grid stabilization in Singapore. , 2015, 53, 192-198.		10
133	Toward Joint Compression&Transmission Optimization for Green Wearable Devices: An Energy-Delay Tradeoff. IEEE Internet of Things Journal, 2017, 4, 1006-1018.	8.7	10
134	Energy-Efficient Mobile Video Streaming. ACM Transactions on Intelligent Systems and Technology, 2018, 9, 1-16.	4.5	10
135	Towards Virus Scanning as a Service in Mobile Cloud Computing: Energy-Efficient Dispatching Policy Under $\{N\}$ -Version Protection. IEEE Transactions on Emerging Topics in Computing, 2018, 6, 122-134.	4.6	10
136	Orchestrating Caching, Transcoding and Request Routing for Adaptive Video Streaming Over ICN. ACM Transactions on Multimedia Computing, Communications and Applications, 2019, 15, 1-23.	4.3	10
137	Cost Optimal Data Center Servers: A Voltage Scaling Approach. IEEE Transactions on Cloud Computing, 2021, 9, 118-130.	4.4	10
138	Online Heterogeneous Transfer Metric Learning. , 2018, , .		10
139	Kalibre. , 2020, , .		10
140	Buffer and Switch: An Efficient Road-to-Road Routing Scheme for VANETs. , 2011, , .		9
141	On file delay minimization for content uploading to media cloud via collaborative wireless network. , 2011, , .		9
142	Improving Energy Efficiency for Mobile Media Cloud via Virtual Machine Consolidation. Mobile Networks and Applications, 2015, 20, 370-379.	3.3	9
143	Timed Dataflow: Reducing Communication Overhead for Distributed Machine Learning Systems. , 2016, , .		9
144	Tensor canonical correlation analysis for multi-view dimension reduction. , 2016, , .		9

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145	Joint IT-Facility Optimization for Green Data Centers via Deep Reinforcement Learning. IEEE Network, 2021, 35, 255-262.	6.9	9
146	Look, Read and Feel: Benchmarking Ads Understanding with Multimodal Multitask Learning. , 2020, , .		9
147	Optimizing Energy Efficiency for Data Center via Parameterized Deep Reinforcement Learning. IEEE Transactions on Services Computing, 2023, 16, 1310-1323.	4.6	9
148	On file-based content distribution over wireless networks via multiple paths: Coding and delay trade-off. , 2011, , .		8
149	A QoS-aware routing algorithm based on ant-cluster in wireless multimedia sensor networks. Science China Information Sciences, 2014, 57, 1-16.	4.3	8
150	Cost-efficient and QoS-aware content management in media cloud: Implementation and evaluation. , 2015, , .		8
151	Mobile cloud computing based privacy protection in location-based information survey applications. Security and Communication Networks, 2015, 8, 1006-1025.	1.5	8
152	Interference based virtual network embedding. , 2016, , .		8
153	Electricity Cost Minimization for Interruptible Workload in Datacenter Servers. IEEE Transactions on Services Computing, 2017, , 1-1.	4.6	8
154	Energy consumption analysis of data stream processing: a benchmarking approach. Software - Practice and Experience, 2017, 47, 1443-1462.	3.6	8
155	GraphMP: An Efficient Semi-External-Memory Big Graph Processing System on a Single Machine. , 2017, , .		8
156	Distributed and Asynchronous Solution to Operator Placement in Large Wireless Sensor Networks. , 2012, , .		7
157	Cloud3DView. Computer Communication Review, 2013, 43, 499-500.	1.8	7
158	Cloud-assisted collaborative execution for mobile applications with general task topology. , 2015, , .		7
159	Guest Editorial Special Issue on Visual Computing in the Cloud: Mobile Computing. IEEE Transactions on Circuits and Systems for Video Technology, 2017, 27, 1-5.	8.3	7
160	Guest Editorial Multimedia Communication in the Internet of Things. IEEE Internet of Things Journal, 2017, 4, 484-486.	8.7	7
161	Toward Rendering-Latency Reduction for Composable Web Services via Priority-Based Object Caching. IEEE Transactions on Multimedia, 2018, 20, 1864-1875.	7.2	7
162	Optimization for HTTP Adaptive Video Streaming in UAV-Enabled Relaying System. , 2019, , .		7

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163	Virt Cache: Managing Virtual Disk Performance Variation in Distributed File Systems for the Cloud. , 2014, , .		6
164	Cost-Optimized Microblog Distribution over Geo-Distributed Data Centers. ACM Transactions on Intelligent Systems and Technology, 2017, 8, 1-18.	4.5	6
165	Mobile cloud computing with voltage scaling and data compression. , 2017, , .		6
166	Toward Intelligent Product Retrieval for TV-to-Online (T2O) Application: A Transfer Metric Learning Approach. IEEE Transactions on Multimedia, 2018, 20, 2114-2125.	7.2	6
167	ResumeNet: A Learning-Based Framework for Automatic Resume Quality Assessment. , 2018, , .		6
168	Intelligent Trainer for Dyna-Style Model-Based Deep Reinforcement Learning. IEEE Transactions on Neural Networks and Learning Systems, 2021, 32, 2758-2771.	11.3	6
169	MLModelCI: An Automatic Cloud Platform for Efficient MLaaS. , 2020, , .		6
170	Ultra-reliable communication over unreliable optical networks via lightpath diversity: system characterization and optimization. , 0, , .		5
171	QoE-driven cache management for HTTP adaptive bit rate (ABR) streaming over wireless networks. , 2012, , .		5
172	Parking Backbone: Toward Efficient Overlay Routing in VANETs. International Journal of Distributed Sensor Networks, 2014, 10, 291308.	2.2	5
173	QDLCoding: QoS-differentiated low-cost video encoding scheme for online video service. , 2017, , .		5
174	Virtual Storage-Based DSM With Error-Driven Prediction Modulation for Microgrids. IEEE Access, 2019, 7, 71109-71118.	4.2	5
175	Guest Editorial Special Issue on Advances in Artificial Intelligence and Machine Learning for Networking. IEEE Journal on Selected Areas in Communications, 2020, 38, 2229-2233.	14.0	5
176	Distributed Energy Trading and Scheduling Among Microgrids via Multiagent Reinforcement Learning. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 10638-10652.	11.3	5
177	Toward Physics-Guided Safe Deep Reinforcement Learning for Green Data Center Cooling Control. , 2022, , .		5
178	OPN02-4: Efficient Fault Detection and Localization for All-Optical Networks. IEEE Global Telecommunications Conference (GLOBECOM), 2006, , .	0.0	4
179	On Minimum-Delay Data Block Transport over Two-Connected Mesh Networks. , 2007, , .		4
180	Applied Lightweight Parallel Multi-Appliance Recognition on Smart Meter. , 2012, , .		4

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181	Mobile media communication, processing, and analysis: A review of recent advances. , 2013, , .		4
182	MUTAS: Multi-screen TV experience as a service through cloud centric media network. , 2014, , .		4
183	Towards optimal noise distribution for privacy preserving in data aggregation. Computers and Security, 2014, 45, 210-230.	6.0	4
184	Towards cost-efficient workload scheduling for a Tango between geo-distributed data center and power grid. , 2016, , .		4
185	GraphH: High Performance Big Graph Analytics in Small Clusters. , 2017, , .		4
186	Can We Speculate Running Application With Server Power Consumption Trace?. IEEE Transactions on Cybernetics, 2018, 48, 1500-1512.	9.5	4
187	How to Find a Perfect Data Scientist: A Distance-Metric Learning Approach. IEEE Access, 2018, 6, 60380-60395.	4.2	4
188	GraphMP: I/O-Efficient Big Graph Analytics on a Single Commodity Machine. IEEE Transactions on Big Data, 2020, 6, 816-829.	6.1	4
189	Real-Time Cooling Power Attribution for Co-Located Data Center Rooms with Distinct Temperatures. , 2020, , .		4
190	Toward explainable and interpretable building energy modelling. , 2021, , .		4
191	Extreme power dispersion profiles for Nakagami-m fading channels with maximal-ratio diversity. IEEE Communications Letters, 2005, 9, 385-387.	4.1	3
192	Efficient fault diagnosis for all-optical networks: an information theoretic approach. , 2006, , .		3
193	Depth-color based 3D image transmission over wireless networks with QoE provisions. Computer Communications, 2012, 35, 1838-1845.	5.1	3
194	vRGW: Towards network function virtualization enabled by software defined networking. , 2013, , .		3
195	Cloud3DView. , 2013, , .		3
196	CREATE: Correlation enhanced traffic matrix estimation in Data Center Networks. , 2014, , .		3
197	μ_{DC}^2 DC 2 : unified data collection for data centers. Journal of Supercomputing, 2014, 70, 1383-1404.	3.6	3
198	C2: Adaptive Load Balancing for Metadata Server Cluster in Cloud-Scale Storage Systems. Proceedings in Adaptation, Learning and Optimization, 2015, , 195-209.	1.6	3

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199	Reducing Vector I/O for Faster GPU Sparse Matrix-Vector Multiplication. , 2015, , .		3
200	Embracing social big data in wireless system design. Journal of Communications and Information Networks, 2017, 2, 81-96.	5.2	3
201	Design Tradeoffs for Cloud-Based Ambient Assisted Living Systems. , 2017, , .		3
202	Flexible Interconnection of Scalable Systems Integrated Using Optical Networks (FISSION) Data-Centerâ€™ Concepts and Demonstration. Journal of Optical Communications and Networking, 2017, 9, 585.	4.8	3
203	Speeding-Up Age Estimation in Intelligent Demographics System via Network Optimization. , 2018, , .		3
204	An Efficient Data Evacuation Strategy for Sensor Networks in Postdisaster Applications. International Journal of Distributed Sensor Networks, 2013, 9, 718297.	2.2	3
205	General Heterogeneous Transfer Distance Metric Learning via Knowledge Fragments Transfer. , 2017, , .		3
206	Energy optimizations for data center network: Formulation and its solution. , 2012, , .		2
207	Credit routing for source-location privacy protection in wireless sensor networks. , 2012, , .		2
208	Socially-responsible load scheduling algorithms for sustainable data centers over smart grid. , 2012, , .		2
209	Optimizing content retrieval delay for LT-based distributed cloud storage systems. , 2012, , .		2
210	Guest Editorial - Special section on cloud-based mobile media: Infrastructure, services, and applications. IEEE Transactions on Multimedia, 2013, 15, 721-722.	7.2	2
211	Toward a biometric-aware cloud service engine for multi-screen video applications. , 2014, , .		2
212	Enhancing user experience for multi-screen social TV streaming over wireless networks. , 2014, , .		2
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