

Yonggang Wen

List of Publications by Year in descending order

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253
papers

10,783
citations

70961

41
h-index

40881

93
g-index

260
all docs

260
docs citations

260
times ranked

9609
citing authors

#	ARTICLE	IF	CITATIONS
1	Distributed Energy Trading and Scheduling Among Microgrids via Multiagent Reinforcement Learning. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 10638-10652.	7.2	5
2	Optimizing Energy Efficiency for Data Center via Parameterized Deep Reinforcement Learning. IEEE Transactions on Services Computing, 2023, 16, 1310-1323.	3.2	9
3	FogChain: A Blockchain-Based Peer-to-Peer Solar Power Trading System Powered by Fog AI. IEEE Internet of Things Journal, 2022, 9, 5200-5215.	5.5	11
4	Machine Learning: An Advanced Platform for Materials Development and State Prediction in Lithium-Ion Batteries. Advanced Materials, 2022, 34, e2101474.	11.1	140
5	Toward a Systematic Survey for Carbon Neutral Data Centers. IEEE Communications Surveys and Tutorials, 2022, 24, 895-936.	24.8	28
6	Toward Physics-Guided Safe Deep Reinforcement Learning for Green Data Center Cooling Control. , 2022, , .		5
7	Joint Deep Multi-View Learning for Image Clustering. IEEE Transactions on Knowledge and Data Engineering, 2021, 33, 3594-3606.	4.0	51
8	Cost Optimal Data Center Servers: A Voltage Scaling Approach. IEEE Transactions on Cloud Computing, 2021, 9, 118-130.	3.1	10
9	Intelligent Trainer for Dyna-Style Model-Based Deep Reinforcement Learning. IEEE Transactions on Neural Networks and Learning Systems, 2021, 32, 2758-2771.	7.2	6
10	Learning Relation Prototype from Unlabeled Texts for Long-tail Relation Extraction. IEEE Transactions on Knowledge and Data Engineering, 2021, , 1-1.	4.0	11
11	Demystifying Thermal Comfort in Smart Buildings: An Interpretable Machine Learning Approach. IEEE Internet of Things Journal, 2021, 8, 8021-8031.	5.5	18
12	Deep Reinforcement Learning for Tropical Air Free-cooled Data Center Control. ACM Transactions on Sensor Networks, 2021, 17, 1-28.	2.3	11
13	Toward Intelligent Multizone Thermal Control With Multiagent Deep Reinforcement Learning. IEEE Internet of Things Journal, 2021, 8, 11150-11162.	5.5	17
14	Smart coordination of virtual energy storage systems for distribution network management. International Journal of Electrical Power and Energy Systems, 2021, 129, 106816.	3.3	12
15	Joint IT-Facility Optimization for Green Data Centers via Deep Reinforcement Learning. IEEE Network, 2021, 35, 255-262.	4.9	9
16	Chronus. , 2021, , .		16
17	Characterization and prediction of deep learning workloads in large-scale GPU datacenters. , 2021, , .		47
18	Video transcoding for adaptive bitrate streaming over edge-cloud continuum. Digital Communications and Networks, 2021, 7, 598-604.	2.7	21

#	ARTICLE	IF	CITATIONS
19	Toward explainable and interpretable building energy modelling. , 2021, , .		4
20	Coordinating Workload Scheduling of Geo-Distributed Data Centers and Electricity Generation of Smart Grid. IEEE Transactions on Services Computing, 2020, 13, 1007-1020.	3.2	12
21	GraphMP: I/O-Efficient Big Graph Analytics on a Single Commodity Machine. IEEE Transactions on Big Data, 2020, 6, 816-829.	4.4	4
22	Transforming Cooling Optimization for Green Data Center via Deep Reinforcement Learning. IEEE Transactions on Cybernetics, 2020, 50, 2002-2013.	6.2	105
23	Transforming Device Fingerprinting for Wireless Security via Online Multitask Metric Learning. IEEE Internet of Things Journal, 2020, 7, 208-219.	5.5	15
24	When Wireless Video Streaming Meets AI: A Deep Learning Approach. IEEE Wireless Communications, 2020, 27, 127-133.	6.6	20
25	Lab-on-Mask for Remote Respiratory Monitoring. , 2020, 2, 1178-1181.		58
26	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.	9.7	5
27	DeepComfort: Energy-Efficient Thermal Comfort Control in Buildings Via Reinforcement Learning. IEEE Internet of Things Journal, 2020, 7, 8472-8484.	5.5	127
28	Efficient Compute-Intensive Job Allocation in Data Centers via Deep Reinforcement Learning. IEEE Transactions on Parallel and Distributed Systems, 2020, 31, 1474-1485.	4.0	28
29	DeepQoE: A Multimodal Learning Framework for Video Quality of Experience (QoE) Prediction. IEEE Transactions on Multimedia, 2020, 22, 3210-3223.	5.2	36
30	xTML: A Unified Heterogeneous Transfer Metric Learning Framework for Multimedia Applications [Application Notes]. IEEE Computational Intelligence Magazine, 2020, 15, 78-88.	3.4	1
31	Deep Heterogeneous Multi-Task Metric Learning for Visual Recognition and Retrieval. , 2020, , .		2
32	Look, Read and Feel: Benchmarking Ads Understanding with Multimodal Multitask Learning. , 2020, , .		9
33	MLModelCI: An Automatic Cloud Platform for Efficient MLaaS. , 2020, , .		6
34	Hysia: Serving DNN-Based Video-to-Retail Applications in Cloud. , 2020, , .		1
35	Real-Time Cooling Power Attribution for Co-Located Data Center Rooms with Distinct Temperatures. , 2020, , .		4
36	Kalibre. , 2020, , .		10

#	ARTICLE	IF	CITATIONS
37	An Urban Tropical Thermal Comfort Dataset for Smart Buildings. , 2020, , .		0
38	Dynamic Priority-Based Resource Provisioning for Video Transcoding With Heterogeneous QoS. IEEE Transactions on Circuits and Systems for Video Technology, 2019, 29, 1515-1529.	5.6	13
39	Content-Aware Personalised Rate Adaptation for Adaptive Streaming via Deep Video Analysis. , 2019, , .		12
40	Optimization for HTTP Adaptive Video Streaming in UAV-Enabled Relaying System. , 2019, , .		7
41	Analysis and application of the piezoelectric energy harvester on light electric logistics vehicle suspension systems. Energy Science and Engineering, 2019, 7, 2741-2755.	1.9	25
42	QoE-Driven Mobile Streaming: A Location-Aware Approach. , 2019, , .		0
43	Incorporating Category Taxonomy in Deep Reinforcement Learning Based Image Hashing. , 2019, , .		2
44	Orchestrating Caching, Transcoding and Request Routing for Adaptive Video Streaming Over ICN. ACM Transactions on Multimedia Computing, Communications and Applications, 2019, 15, 1-23.	3.0	10
45	Special Issue on Artificial Intelligence and Machine Learning for Networking and Communications. IEEE Journal on Selected Areas in Communications, 2019, 37, 1185-1191.	9.7	34
46	Virtual Storage-Based DSM With Error-Driven Prediction Modulation for Microgrids. IEEE Access, 2019, 7, 71109-71118.	2.6	5
47	A Survey on Consensus Mechanisms and Mining Strategy Management in Blockchain Networks. IEEE Access, 2019, 7, 22328-22370.	2.6	616
48	Toward Efficient Compute-Intensive Job Allocation for Green Data Centers: A Deep Reinforcement Learning Approach. , 2019, , .		24
49	DeepEE: Joint Optimization of Job Scheduling and Cooling Control for Data Center Energy Efficiency Using Deep Reinforcement Learning. , 2019, , .		43
50	Thermal Comfort Modeling for Smart Buildings: A Fine-Grained Deep Learning Approach. IEEE Internet of Things Journal, 2019, 6, 2540-2549.	5.5	57
51	Transferring Knowledge Fragments for Learning Distance Metric from a Heterogeneous Domain. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2019, 41, 1013-1026.	9.7	67
52	ResumeGAN. , 2019, , .		14
53	Heterogeneous Transfer Learning for Thermal Comfort Modeling. , 2019, , .		15
54	Control of Air Free-Cooled Data Centers in Tropics via Deep Reinforcement Learning. , 2019, , .		16

#	ARTICLE	IF	CITATIONS
55	Scalable Architectures for Big Data Analysis. , 2019, , 1446-1454.		1
56	Energy-Efficient Mobile Video Streaming. ACM Transactions on Intelligent Systems and Technology, 2018, 9, 1-16.	2.9	10
57	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.	3.2	10
58	Energy-Efficient Task Execution for Application as a General Topology in Mobile Cloud Computing. IEEE Transactions on Cloud Computing, 2018, 6, 708-719.	3.1	69
59	Heterogeneous Multitask Metric Learning Across Multiple Domains. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 4051-4064.	7.2	28
60	Fast media caching for geo-distributed data centers. Computer Communications, 2018, 120, 46-57.	3.1	2
61	Cost-Sensitive Feature Selection by Optimizing F-Measures. IEEE Transactions on Image Processing, 2018, 27, 1323-1335.	6.0	74
62	Toward Rendering-Latency Reduction for Composable Web Services via Priority-Based Object Caching. IEEE Transactions on Multimedia, 2018, 20, 1864-1875.	5.2	7
63	Toward Intelligent Product Retrieval for TV-to-Online (T2O) Application: A Transfer Metric Learning Approach. IEEE Transactions on Multimedia, 2018, 20, 2114-2125.	5.2	6
64	MetaFlow: A Scalable Metadata Lookup Service for Distributed File Systems in Data Centers. IEEE Transactions on Big Data, 2018, 4, 203-216.	4.4	2
65	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.	5.6	16
66	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.	5.6	18
67	Can We Speculate Running Application With Server Power Consumption Trace?. IEEE Transactions on Cybernetics, 2018, 48, 1500-1512.	6.2	4
68	JALAD: Joint Accuracy-And Latency-Aware Deep Structure Decoupling for Edge-Cloud Execution. , 2018, , .		84
69	How to Find a Perfect Data Scientist: A Distance-Metric Learning Approach. IEEE Access, 2018, 6, 60380-60395.	2.6	4
70	Speeding-Up Age Estimation in Intelligent Demographics System via Network Optimization. , 2018, , .		3
71	ResumeNet: A Learning-Based Framework for Automatic Resume Quality Assessment. , 2018, , .		6
72	Deepqoe: A Unified Framework for Learning to Predict Video QoE. , 2018, , .		22

#	ARTICLE	IF	CITATIONS
73	Scalable Architectures for Big Data Analysis. , 2018, , 1-9.		0
74	Optimizing Quality of Experience for Adaptive Bitrate Streaming via Viewer Interest Inference. IEEE Transactions on Multimedia, 2018, 20, 3399-3413.	5.2	28
75	iTCM: Toward Learning-Based Thermal Comfort Modeling via Pervasive Sensing for Smart Buildings. IEEE Internet of Things Journal, 2018, 5, 4164-4177.	5.5	38
76	Energy Optimal Wireless Data Transmission for Wearable Devices: A Compression Approach. IEEE Transactions on Vehicular Technology, 2018, 67, 9605-9618.	3.9	12
77	Online Heterogeneous Transfer Metric Learning. , 2018, , .		10
78	Delay-Optimized File Retrieval under LT-Based Cloud Storage. IEEE Transactions on Cloud Computing, 2017, 5, 656-666.	3.1	12
79	Resource Management in Cloud Networking Using Economic Analysis and Pricing Models: A Survey. IEEE Communications Surveys and Tutorials, 2017, 19, 954-1001.	24.8	175
80	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.	5.6	7
81	Public Cloud Storage-Assisted Mobile Social Video Sharing: A Supermodular Game Approach. IEEE Journal on Selected Areas in Communications, 2017, 35, 545-556.	9.7	31
82	Toward Joint Compression"Transmission Optimization for Green Wearable Devices: An Energy-Delay Tradeoff. IEEE Internet of Things Journal, 2017, 4, 1006-1018.	5.5	10
83	Cost-Optimized Microblog Distribution over Geo-Distributed Data Centers. ACM Transactions on Intelligent Systems and Technology, 2017, 8, 1-18.	2.9	6
84	Towards Distributed Machine Learning in Shared Clusters: A Dynamically-Partitioned Approach. , 2017, , .		25
85	Embracing social big data in wireless system design. Journal of Communications and Information Networks, 2017, 2, 81-96.	3.5	3
86	Guest Editorial Multimedia Communication in the Internet of Things. IEEE Internet of Things Journal, 2017, 4, 484-486.	5.5	7
87	Resource Provisioning and Profit Maximization for Transcoding in Clouds: A Two-Timescale Approach. IEEE Transactions on Multimedia, 2017, 19, 836-848.	5.2	35
88	Facial Age Estimation With Age Difference. IEEE Transactions on Image Processing, 2017, 26, 3087-3097.	6.0	63
89	Design Tradeoffs for Cloud-Based Ambient Assisted Living Systems. , 2017, , .		3
90	Electricity Cost Minimization for Interruptible Workload in Datacenter Servers. IEEE Transactions on Services Computing, 2017, , 1-1.	3.2	8

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91	When Cloud Media Meet Network Function Virtualization: Challenges and Applications. IEEE MultiMedia, 2017, 24, 72-82.	1.5	15
92	vCache: Supporting Cost-Efficient Adaptive Bitrate Streaming. IEEE MultiMedia, 2017, 24, 19-27.	1.5	17
93	QDLCoding: QoS-differentiated low-cost video encoding scheme for online video service. , 2017, , .		5
94	Editorial: Mobile Multimedia Communications. Mobile Networks and Applications, 2017, 22, 435-437.	2.2	0
95	MUSA: Wi-Fi AP-assisted video prefetching via Tensor Learning. , 2017, , .		1
96	Visual Classification of Furniture Styles. ACM Transactions on Intelligent Systems and Technology, 2017, 8, 1-20.	2.9	12
97	A Survey on Data Center Networking (DCN): Infrastructure and Operations. IEEE Communications Surveys and Tutorials, 2017, 19, 640-656.	24.8	166
98	Energy consumption analysis of data stream processing: a benchmarking approach. Software - Practice and Experience, 2017, 47, 1443-1462.	2.5	8
99	Mobile cloud computing with voltage scaling and data compression. , 2017, , .		6
100	GraphH: High Performance Big Graph Analytics in Small Clusters. , 2017, , .		4
101	Thermal Analysis for Underground Data Centres in the Tropics. Energy Procedia, 2017, 143, 223-229.	1.8	12
102	GraphMP: An Efficient Semi-External-Memory Big Graph Processing System on a Single Machine. , 2017, , .		8
103	Flexible Interconnection of Scalable Systems Integrated Using Optical Networks (FISSION) Data-Centerâ€™ Concepts and Demonstration. Journal of Optical Communications and Networking, 2017, 9, 585.	3.3	3
104	Exploiting High-Order Information in Heterogeneous Multi-Task Feature Learning. , 2017, , .		2
105	General Heterogeneous Transfer Distance Metric Learning via Knowledge Fragments Transfer. , 2017, , .		3
106	Towards cost-efficient workload scheduling for a Tango between geo-distributed data center and power grid. , 2016, , .		4
107	Toward Effortless TV-to-Online (T2O) Experience: A Novel Metric Learning Approach. , 2016, , .		1
108	Morph. , 2016, , .		16

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109	Timed Dataflow: Reducing Communication Overhead for Distributed Machine Learning Systems. , 2016, , .		9
110	Towards Joint Optimization Over ICT and Cooling Systems in Data Centre: A Survey. IEEE Communications Surveys and Tutorials, 2016, 18, 1596-1616.	24.8	66
111	Rate-Adaptive Feedback with Bayesian Compressive Sensing in Multiuser MIMO Beamforming Systems. IEEE Transactions on Wireless Communications, 2016, , 1-1.	6.1	12
112	Manifold regularized multi-view feature selection for social image annotation. Neurocomputing, 2016, 204, 135-141.	3.5	30
113	Interference based virtual network embedding. , 2016, , .		8
114	Cloud mobile media. China Communications, 2016, 13, iv-vi.	2.0	1
115	Dynamic Resource Provisioning with QoS Guarantee for Video Transcoding in Online Video Sharing Service. , 2016, , .		16
116	Tensor canonical correlation analysis for multi-view dimension reduction. , 2016, , .		9
117	Resource provisioning and profit maximization for transcoding in Information Centric Networking. , 2016, , .		2
118	Multicolumn Bidirectional Long Short-Term Memory for Mobile Devices-Based Human Activity Recognition. IEEE Internet of Things Journal, 2016, 3, 1124-1134.	5.5	67
119	Balanced Hashing and Efficient GPU Sparse General Matrix-Matrix Multiplication. , 2016, , .		19
120	Learning-based power prediction for data centre operations via deep neural networks. , 2016, , .		24
121	Large Margin Multi-Modal Multi-Task Feature Extraction for Image Classification. IEEE Transactions on Image Processing, 2016, 25, 414-427.	6.0	80
122	File Transfer Between Charging Stations Goes Infrastructureless: A Codeâ€“Delay Tradeoff. IEEE Transactions on Vehicular Technology, 2016, 65, 8682-8695.	3.9	1
123	FUN Coding: Design and Analysis. IEEE/ACM Transactions on Networking, 2016, 24, 3340-3353.	2.6	14
124	Toward Cost-Efficient Content Placement in Media Cloud: Modeling and Analysis. IEEE Transactions on Multimedia, 2016, 18, 807-819.	5.2	39
125	Data Center Energy Consumption Modeling: A Survey. IEEE Communications Surveys and Tutorials, 2016, 18, 732-794.	24.8	695
126	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.	5.6	93

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127	Towards Information Diffusion in Mobile Social Networks. IEEE Transactions on Mobile Computing, 2016, 15, 1292-1304.	3.9	41
128	Opportunities and Challenges of Global Network Cameras. , 2015, , .		0
129	Wearable computing going green: Energy-optimal data transmission for multi-sensor wearable devices. , 2015, , .		0
130	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.	5.6	73
131	C2: Adaptive Load Balancing for Metadata Server Cluster in Cloud-Scale Storage Systems. Proceedings in Adaptation, Learning and Optimization, 2015, , 195-209.	1.5	3
132	Adaptive configuration of cloud video transcoding. , 2015, , .		2
133	Towards a Private Fall Injury Warning Service for Smartphone-Distracted Pedestrian. , 2015, , .		0
134	Algorithms and Applications for Community Detection in Weighted Networks. IEEE Transactions on Parallel and Distributed Systems, 2015, 26, 2916-2926.	4.0	85
135	Cloud radio access network (C-RAN): a primer. IEEE Network, 2015, 29, 35-41.	4.9	374
136	Towards Cost-Efficient Video Transcoding in Media Cloud: Insights Learned From User Viewing Patterns. IEEE Transactions on Multimedia, 2015, 17, 1286-1296.	5.2	77
137	Towards joint resource allocation and routing to optimize video distribution over future internet. , 2015, , .		13
138	Improving Energy Efficiency for Mobile Media Cloud via Virtual Machine Consolidation. Mobile Networks and Applications, 2015, 20, 370-379.	2.2	9
139	Supporting Seamless Virtual Machine Migration via Named Data Networking in Cloud Data Center. IEEE Transactions on Parallel and Distributed Systems, 2015, 26, 3485-3497.	4.0	24
140	SmartGW: Enabling Bandwidth-Efficient Group Watching in Cloud Social TV Systems. Mobile Networks and Applications, 2015, 20, 308-319.	2.2	0
141	Reducing Vector I/O for Faster GPU Sparse Matrix-Vector Multiplication. , 2015, , .		3
142	Cloud-assisted collaborative execution for mobile applications with general task topology. , 2015, , .		7
143	Adaptive and scalable load balancing for metadata server cluster in cloud-scale file systems. Frontiers of Computer Science, 2015, 9, 904-918.	1.6	13
144	Tensor Canonical Correlation Analysis for Multi-View Dimension Reduction. IEEE Transactions on Knowledge and Data Engineering, 2015, 27, 3111-3124.	4.0	183

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145	Fuelling Big Data Intelligence into Future Multimedia System: Reflection and Outlook. , 2015, , .		1
146	Influence analysis for celebrities via microblog platform. , 2015, , .		0
147	Toward an SDN-enabled big data platform for social TV analytics. IEEE Network, 2015, 29, 43-49.	4.9	41
148	Cost-efficient and QoS-aware content management in media cloud: Implementation and evaluation. , 2015, , .		8
149	How Much to Coordinate? Optimizing In-Network Caching in Content-Centric Networks. IEEE Transactions on Network and Service Management, 2015, 12, 420-434.	3.2	36
150	Toward green data centers as an interruptible load for grid stabilization in Singapore. , 2015, 53, 192-198.		10
151	Mobile cloud computing based privacy protection in location-based information survey applications. Security and Communication Networks, 2015, 8, 1006-1025.	1.0	8
152	Collaborative Task Execution in Mobile Cloud Computing Under a Stochastic Wireless Channel. IEEE Transactions on Wireless Communications, 2015, 14, 81-93.	6.1	210
153	A Survey on Software-Defined Networking. IEEE Communications Surveys and Tutorials, 2015, 17, 27-51.	24.8	751
154	Toward Energy-Efficient Task Execution in Mobile Cloud Computing. , 2015, , 45-121.		0
155	Toward a biometric-aware cloud service engine for multi-screen video applications. , 2014, , .		2
156	Enhancing user experience for multi-screen social TV streaming over wireless networks. , 2014, , .		2
157	Skeleton construction in mobile social networks: Algorithms and applications. , 2014, , .		11
158	Energy-efficient dispatching policy for virus scanning as a service under N-version protection. , 2014, , .		2
159	Social TV analytics. , 2014, , .		14
160	PAINT: Partial in-network transcoding for adaptive streaming in information centric network. , 2014, , .		14
161	Toward transcoding as a service: energy-efficient offloading policy for green mobile cloud. IEEE Network, 2014, 28, 67-73.	4.9	46
162	CBM: Online Strategies on Cost-Aware Buffer Management for Mobile Video Streaming. IEEE Transactions on Multimedia, 2014, 16, 242-252.	5.2	31

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163	MUTAS: Multi-screen TV experience as a service through cloud centric media network. , 2014, , .		4
164	Reducing Operational Costs in Cloud Social TV: ↑An Opportunity for Cloud Cloning. IEEE Transactions on Multimedia, 2014, 16, 1739-1751.	5.2	30
165	Virt Cache: Managing Virtual Disk Performance Variation in Distributed File Systems for the Cloud. , 2014, , .		6
166	A QoS-aware routing algorithm based on ant-cluster in wireless multimedia sensor networks. Science China Information Sciences, 2014, 57, 1-16.	2.7	8
167	Cloud Mobile Media: Reflections and Outlook. IEEE Transactions on Multimedia, 2014, 16, 885-902.	5.2	136
168	Toward Multiscreen Social TV with Geolocation-Aware Social Sense. IEEE MultiMedia, 2014, 21, 10-19.	1.5	28
169	Distributed Wireless Video Scheduling With Delayed Control Information. IEEE Transactions on Circuits and Systems for Video Technology, 2014, 24, 889-901.	5.6	45
170	Content Routing and Lookup Schemes Using Global Bloom Filter for Content-Delivery-as-a-Service. IEEE Systems Journal, 2014, 8, 268-278.	2.9	11
171	Cost optimal video transcoding in media cloud: Insights from user viewing pattern. , 2014, , .		17
172	Toward profit-seeking virtual network embedding algorithm via global resource capacity. , 2014, , .		141
173	CREATE: Correlation enhanced traffic matrix estimation in Data Center Networks. , 2014, , .		3
174	Information diffusion in mobile social networks: The speed perspective. , 2014, , .		49
175	Community based effective social video contents placement in cloud centric CDN network. , 2014, , .		33
176	Toward Scalable Systems for Big Data Analytics: A Technology Tutorial. IEEE Access, 2014, 2, 652-687.	2.6	965
177	Dynamic Request Redirection and Elastic Service Scaling in Cloud-Centric Media Networks. IEEE Transactions on Multimedia, 2014, 16, 1434-1445.	5.2	47
178	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.	5.6	71
179	μ_{DC}^2 DC 2 : unified data collection for data centers. Journal of Supercomputing, 2014, 70, 1383-1404.	2.4	3
180	Distributed Algorithm for Tree-Structured Data Aggregation Service Placement in Smart Grid. IEEE Systems Journal, 2014, 8, 553-561.	2.9	21

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181	Toward Transcoding as a Service in a Multimedia Cloud: Energy-Efficient Job-Dispatching Algorithm. IEEE Transactions on Vehicular Technology, 2014, 63, 2002-2012.	3.9	33
182	Towards optimal noise distribution for privacy preserving in data aggregation. Computers and Security, 2014, 45, 210-230.	4.0	4
183	Rapid and high capacity methane storage in clathrate hydrates using surfactant dry solution. Chemical Engineering Science, 2014, 106, 53-59.	1.9	76
184	Parking Backbone: Toward Efficient Overlay Routing in VANETs. International Journal of Distributed Sensor Networks, 2014, 10, 291308.	1.3	5
185	Community detection in weighted networks: Algorithms and applications. , 2013, , .		13
186	Energy-efficient wideband cable access networks in future smart cities. , 2013, 51, 94-100.		28
187	Mobile cloud computing [Guest Editorial]. IEEE Wireless Communications, 2013, 20, 12-13.	6.6	1
188	Toward Optimal Deployment of Cloud-Assisted Video Distribution Services. IEEE Transactions on Circuits and Systems for Video Technology, 2013, 23, 1717-1728.	5.6	61
189	Toward a unified elastic computing platform for smartphones with cloud support. IEEE Network, 2013, 27, 34-40.	4.9	52
190	DHT Theory. SpringerBriefs in Computer Science, 2013, , 5-22.	0.2	1
191	vRGW: Towards network function virtualization enabled by software defined networking. , 2013, , .		3
192	Mobile media communication, processing, and analysis: A review of recent advances. , 2013, , .		4
193	Energy-Optimal Mobile Cloud Computing under Stochastic Wireless Channel. IEEE Transactions on Wireless Communications, 2013, 12, 4569-4581.	6.1	679
194	Coordinating In-Network Caching in Content-Centric Networks: Model and Analysis. , 2013, , .		49
195	Resource Allocation with Incomplete Information for QoE-Driven Multimedia Communications. IEEE Transactions on Wireless Communications, 2013, 12, 3733-3745.	6.1	51
196	Toward monetary cost effective content placement in cloud centric media network. , 2013, , .		17
197	Privacy-preserving computation for location-based information survey via mobile cloud computing. , 2013, , .		0
198	Inter-screen interaction for session recognition and transfer based on cloud centric media network. , 2013, , .		1

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199	Multi-screen cloud social TV. , 2013, , .		12
200	QoE-Driven Cache Management for HTTP Adaptive Bit Rate Streaming Over Wireless Networks. IEEE Transactions on Multimedia, 2013, 15, 1431-1445.	5.2	167
201	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.	9.7	19
202	Multiview Vector-Valued Manifold Regularization for Multilabel Image Classification. IEEE Transactions on Neural Networks and Learning Systems, 2013, 24, 709-722.	7.2	126
203	Enabling technologies for future data center networking: a primer. IEEE Network, 2013, 27, 8-15.	4.9	88
204	Energy-efficient scheduling policy for collaborative execution in mobile cloud computing. , 2013, , .		126
205	Minimizing monetary cost via cloud clone migration in multi-screen cloud social TV system. , 2013, , .		12
206	Revenue-driven virtual network embedding based on global resource information. , 2013, , .		15
207	Cloud3DView. , 2013, , .		3
208	Ubiquitous Sensing: Services and Applications. International Journal of Distributed Sensor Networks, 2013, 9, 403857.	1.3	0
209	Power-efficient collaborative distribution of social videos over wireless community cloud. , 2013, , .		0
210	Toward Optimal Additive Noise Distribution for Privacy Protection in Mobile Statistics Aggregation. , 2013, , .		0
211	Near-optimal packet allocation algorithm for content uploading to media cloud via collaborative wireless network. , 2013, , .		1
212	Dynamic transparent virtual network embedding over elastic optical infrastructures. , 2013, , .		35
213	An Empirical Investigation of the Impact of Server Virtualization on Energy Efficiency for Green Data Center. Computer Journal, 2013, 56, 977-990.	1.5	41
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