

Yonggang Wen

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

215
papers

7,221
citations

40
h-index

81
g-index

260
ext. papers

9,095
ext. citations

7
avg, IF

6.59
L-index

#	Paper	IF	Citations
215	Towards a Systematic Survey for Carbon Neutral Data Centers. <i>IEEE Communications Surveys and Tutorials</i> , 2022 , 1-1	37.1	1
214	Chronus 2021 ,		1
213	Characterization and prediction of deep learning workloads in large-scale GPU datacenters 2021 ,		6
212	Demystifying Thermal Comfort in Smart Buildings: An Interpretable Machine Learning Approach. <i>IEEE Internet of Things Journal</i> , 2021 , 8, 8021-8031	10.7	4
211	Deep Reinforcement Learning for Tropical Air Free-cooled Data Center Control. <i>ACM Transactions on Sensor Networks</i> , 2021 , 17, 1-28	2.9	2
210	. <i>IEEE Transactions on Cloud Computing</i> , 2021 , 9, 118-130	3.3	4
209	Intelligent Trainer for Dyna-Style Model-Based Deep Reinforcement Learning. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2021 , 32, 2758-2771	10.3	0
208	. <i>IEEE Internet of Things Journal</i> , 2021 , 1-1	10.7	2
207	Learning Relation Prototype from Unlabeled Texts for Long-tail Relation Extraction. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2021 , 1-1	4.2	4
206	Toward Intelligent Multizone Thermal Control With Multiagent Deep Reinforcement Learning. <i>IEEE Internet of Things Journal</i> , 2021 , 8, 11150-11162	10.7	4
205	Smart coordination of virtual energy storage systems for distribution network management. <i>International Journal of Electrical Power and Energy Systems</i> , 2021 , 129, 106816	5.1	3
204	Machine Learning: An Advanced Platform for Materials Development and State Prediction in Lithium-Ion Batteries. <i>Advanced Materials</i> , 2021 , e2101474	24	14
203	Joint IT-Facility Optimization for Green Data Centers via Deep Reinforcement Learning. <i>IEEE Network</i> , 2021 , 1-8	11.4	2
202	DeepComfort: Energy-Efficient Thermal Comfort Control in Buildings Via Reinforcement Learning. <i>IEEE Internet of Things Journal</i> , 2020 , 7, 8472-8484	10.7	50
201	Efficient Compute-Intensive Job Allocation in Data Centers via Deep Reinforcement Learning. <i>IEEE Transactions on Parallel and Distributed Systems</i> , 2020 , 31, 1474-1485	3.7	11
200	Joint Deep Multi-View Learning for Image Clustering. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2020 , 1-1	4.2	5
199	. <i>IEEE Transactions on Multimedia</i> , 2020 , 22, 3210-3223	6.6	16

198	. <i>IEEE Computational Intelligence Magazine</i> , 2020 , 15, 78-88	5.6	1
197	Deep Heterogeneous Multi-Task Metric Learning for Visual Recognition and Retrieval 2020 ,		1
196	Look, Read and Feel: Benchmarking Ads Understanding with Multimodal Multitask Learning 2020 ,		1
195	MLModelCI: An Automatic Cloud Platform for Efficient MLaaS 2020 ,		2
194	Kalibre 2020 ,		1
193	Video transcoding for adaptive bitrate streaming over edge-cloud continuum. <i>Digital Communications and Networks</i> , 2020 , 7, 598-598	5.9	1
192	Transforming Device Fingerprinting for Wireless Security via Online Multitask Metric Learning. <i>IEEE Internet of Things Journal</i> , 2020 , 7, 208-219	10.7	8
191	When Wireless Video Streaming Meets AI: A Deep Learning Approach. <i>IEEE Wireless Communications</i> , 2020 , 27, 127-133	13.4	11
190	Lab-on-Mask for Remote Respiratory Monitoring 2020 , 2, 1178-1181		26
189	Guest Editorial Special Issue on Advances in Artificial Intelligence and Machine Learning for Networking. <i>IEEE Journal on Selected Areas in Communications</i> , 2020 , 38, 2229-2233	14.2	2
188	Coordinating Workload Scheduling of Geo-Distributed Data Centers and Electricity Generation of Smart Grid. <i>IEEE Transactions on Services Computing</i> , 2020 , 13, 1007-1020	4.8	4
187	GraphMP: I/O-Efficient Big Graph Analytics on a Single Commodity Machine. <i>IEEE Transactions on Big Data</i> , 2020 , 6, 816-829	3.2	1
186	Transforming Cooling Optimization for Green Data Center via Deep Reinforcement Learning. <i>IEEE Transactions on Cybernetics</i> , 2020 , 50, 2002-2013	10.2	39
185	Incorporating Category Taxonomy in Deep Reinforcement Learning Based Image Hashing 2019 ,		2
184	Orchestrating Caching, Transcoding and Request Routing for Adaptive Video Streaming Over ICN. <i>ACM Transactions on Multimedia Computing, Communications and Applications</i> , 2019 , 15, 1-23	3.4	6
183	Special Issue on Artificial Intelligence and Machine Learning for Networking and Communications. <i>IEEE Journal on Selected Areas in Communications</i> , 2019 , 37, 1185-1191	14.2	22
182	Virtual Storage-Based DSM With Error-Driven Prediction Modulation for Microgrids. <i>IEEE Access</i> , 2019 , 7, 71109-71118	3.5	5
181	A Survey on Consensus Mechanisms and Mining Strategy Management in Blockchain Networks. <i>IEEE Access</i> , 2019 , 7, 22328-22370	3.5	355

180	Dynamic Priority-Based Resource Provisioning for Video Transcoding With Heterogeneous QoS. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2019 , 29, 1515-1529	6.4	9
179	Content-Aware Personalised Rate Adaptation for Adaptive Streaming via Deep Video Analysis 2019 ,		4
178	Optimization for HTTP Adaptive Video Streaming in UAV-Enabled Relaying System 2019 ,		3
177	Analysis and application of the piezoelectric energy harvester on light electric logistics vehicle suspension systems. <i>Energy Science and Engineering</i> , 2019 , 7, 2741-2755	3.4	15
176	ResumeGAN 2019 ,		8
175	Heterogeneous Transfer Learning for Thermal Comfort Modeling 2019 ,		6
174	Control of Air Free-Cooled Data Centers in Tropics via Deep Reinforcement Learning 2019 ,		9
173	Toward Efficient Compute-Intensive Job Allocation for Green Data Centers: A Deep Reinforcement Learning Approach 2019 ,		13
172	2019 ,		14
171	Thermal Comfort Modeling for Smart Buildings: A Fine-Grained Deep Learning Approach. <i>IEEE Internet of Things Journal</i> , 2019 , 6, 2540-2549	10.7	39
170	Transferring Knowledge Fragments for Learning Distance Metric from a Heterogeneous Domain. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2019 , 41, 1013-1026	13.3	48
169	Towards Virus Scanning as a Service in Mobile Cloud Computing: Energy-Efficient Dispatching Policy Under $\{N\}$ -Version Protection. <i>IEEE Transactions on Emerging Topics in Computing</i> , 2018 , 6, 122-134	4.1	7
168	. <i>IEEE Transactions on Cloud Computing</i> , 2018 , 6, 708-719	3.3	44
167	Heterogeneous Multitask Metric Learning Across Multiple Domains. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2018 , 29, 4051-4064	10.3	18
166	Fast media caching for geo-distributed data centers. <i>Computer Communications</i> , 2018 , 120, 46-57	5.1	2
165	Cost-Sensitive Feature Selection by Optimizing F-Measures. <i>IEEE Transactions on Image Processing</i> , 2018 , 27, 1323-1335	8.7	51
164	. <i>IEEE Transactions on Multimedia</i> , 2018 , 20, 1864-1875	6.6	4
163	. <i>IEEE Transactions on Multimedia</i> , 2018 , 20, 2114-2125	6.6	6

162	MetaFlow: A Scalable Metadata Lookup Service for Distributed File Systems in Data Centers. <i>IEEE Transactions on Big Data</i> , 2018 , 4, 203-216	3.2	1
161	Budget-Efficient Viral Video Distribution Over Online Social Networks: Mining Topic-Aware Influential Users. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2018 , 28, 759-771	6.4	12
160	Toward Wi-Fi AP-Assisted Content Prefetching for an On-Demand TV Series: A Learning-Based Approach. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2018 , 28, 1665-1676	6.4	12
159	Can We Speculate Running Application With Server Power Consumption Trace?. <i>IEEE Transactions on Cybernetics</i> , 2018 , 48, 1500-1512	10.2	4
158	iTCM: Toward Learning-Based Thermal Comfort Modeling via Pervasive Sensing for Smart Buildings. <i>IEEE Internet of Things Journal</i> , 2018 , 5, 4164-4177	10.7	24
157	Energy Optimal Wireless Data Transmission for Wearable Devices: A Compression Approach. <i>IEEE Transactions on Vehicular Technology</i> , 2018 , 67, 9605-9618	6.8	8
156	Personalized Emotion-Aware Video Streaming for the Elderly. <i>Lecture Notes in Computer Science</i> , 2018 , 372-382	0.9	1
155	Online Heterogeneous Transfer Metric Learning 2018 ,		8
154	2018 ,		29
153	. <i>IEEE Access</i> , 2018 , 6, 60380-60395	3.5	4
152	ResumeNet: A Learning-Based Framework for Automatic Resume Quality Assessment 2018 ,		2
151	Deepqoe: A Unified Framework for Learning to Predict Video QoE 2018 ,		18
150	. <i>IEEE Transactions on Multimedia</i> , 2018 , 20, 3399-3413	6.6	19
149	Delay-Optimized File Retrieval under LT-Based Cloud Storage. <i>IEEE Transactions on Cloud Computing</i> , 2017 , 5, 656-666	3.3	7
148	Resource Management in Cloud Networking Using Economic Analysis and Pricing Models: A Survey. <i>IEEE Communications Surveys and Tutorials</i> , 2017 , 19, 954-1001	37.1	120
147	. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2017 , 27, 1-5	6.4	4
146	Public Cloud Storage-Assisted Mobile Social Video Sharing: A Supermodular Game Approach. <i>IEEE Journal on Selected Areas in Communications</i> , 2017 , 35, 545-556	14.2	27
145	Toward Joint Compression-Transmission Optimization for Green Wearable Devices: An Energy-Delay Tradeoff. <i>IEEE Internet of Things Journal</i> , 2017 , 4, 1006-1018	10.7	8

144	Cost-Optimized Microblog Distribution over Geo-Distributed Data Centers. <i>ACM Transactions on Intelligent Systems and Technology</i> , 2017 , 8, 1-18	8	5
143	Towards Distributed Machine Learning in Shared Clusters: A Dynamically-Partitioned Approach 2017 ,		11
142	Embracing social big data in wireless system design. <i>Journal of Communications and Information Networks</i> , 2017 , 2, 81-96		1
141	Guest Editorial Multimedia Communication in the Internet of Things. <i>IEEE Internet of Things Journal</i> , 2017 , 4, 484-486	10.7	4
140	. <i>IEEE Transactions on Multimedia</i> , 2017 , 19, 836-848	6.6	26
139	Facial Age Estimation With Age Difference. <i>IEEE Transactions on Image Processing</i> , 2017 , 26, 3087-3097	8.7	46
138	Design Tradeoffs for Cloud-Based Ambient Assisted Living Systems 2017 ,		3
137	. <i>IEEE Transactions on Services Computing</i> , 2017 , 1-1	4.8	4
136	Flexible Interconnection of Scalable Systems Integrated Using Optical Networks (FISSION) Data-Center Concepts and Demonstration. <i>Journal of Optical Communications and Networking</i> , 2017 , 9, 585	4.1	2
135	Energy-Efficient Mobile Video Streaming. <i>ACM Transactions on Intelligent Systems and Technology</i> , 2017 , 9, 1-16	8	5
134	When Cloud Media Meet Network Function Virtualization: Challenges and Applications. <i>IEEE MultiMedia</i> , 2017 , 24, 72-82	2.1	11
133	vCache: Supporting Cost-Efficient Adaptive Bitrate Streaming. <i>IEEE MultiMedia</i> , 2017 , 24, 19-27	2.1	15
132	QDLCoding: QoS-differentiated low-cost video encoding scheme for online video service 2017 ,		5
131	Visual Classification of Furniture Styles. <i>ACM Transactions on Intelligent Systems and Technology</i> , 2017 , 8, 1-20	8	5
130	A Survey on Data Center Networking (DCN): Infrastructure and Operations. <i>IEEE Communications Surveys and Tutorials</i> , 2017 , 19, 640-656	37.1	108
129	Energy consumption analysis of data stream processing: a benchmarking approach. <i>Software - Practice and Experience</i> , 2017 , 47, 1443-1462	2.5	3
128	Mobile cloud computing with voltage scaling and data compression 2017 ,		4
127	GraphH: High Performance Big Graph Analytics in Small Clusters 2017 ,		4

126	Thermal Analysis for Underground Data Centres in the Tropics. <i>Energy Procedia</i> , 2017 , 143, 223-229	2.3	0
125	GraphMP: An Efficient Semi-External-Memory Big Graph Processing System on a Single Machine 2017 ,		5
124	. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2016 , 26, 1320-1333	6.4	72
123	Towards Information Diffusion in Mobile Social Networks. <i>IEEE Transactions on Mobile Computing</i> , 2016 , 15, 1292-1304	4.6	33
122	Dynamic Resource Provisioning with QoS Guarantee for Video Transcoding in Online Video Sharing Service 2016 ,		13
121	Tensor canonical correlation analysis for multi-view dimension reduction 2016 ,		6
120	Multicolumn Bidirectional Long Short-Term Memory for Mobile Devices-Based Human Activity Recognition. <i>IEEE Internet of Things Journal</i> , 2016 , 3, 1124-1134	10.7	47
119	Balanced Hashing and Efficient GPU Sparse General Matrix-Matrix Multiplication 2016 ,		14
118	Learning-based power prediction for data centre operations via deep neural networks 2016 ,		19
117	Large Margin Multi-Modal Multi-Task Feature Extraction for Image Classification. <i>IEEE Transactions on Image Processing</i> , 2016 , 25, 414-27	8.7	70
116	. <i>IEEE Transactions on Vehicular Technology</i> , 2016 , 65, 8682-8695	6.8	1
115	FUN Coding: Design and Analysis. <i>IEEE/ACM Transactions on Networking</i> , 2016 , 24, 3340-3353	3.8	12
114	. <i>IEEE Transactions on Multimedia</i> , 2016 , 18, 807-819	6.6	38
113	Data Center Energy Consumption Modeling: A Survey. <i>IEEE Communications Surveys and Tutorials</i> , 2016 , 18, 732-794	37.1	414
112	Towards cost-efficient workload scheduling for a Tango between geo-distributed data center and power grid 2016 ,		3
111	Morph 2016 ,		9
110	Timed Dataflow: Reducing Communication Overhead for Distributed Machine Learning Systems 2016 ,		8
109	Towards Joint Optimization Over ICT and Cooling Systems in Data Centre: A Survey. <i>IEEE Communications Surveys and Tutorials</i> , 2016 , 18, 1596-1616	37.1	44

108	Rate-Adaptive Feedback With Bayesian Compressive Sensing in Multiuser MIMO Beamforming Systems. <i>IEEE Transactions on Wireless Communications</i> , 2016 , 1-1	9.6	11
107	Manifold regularized multi-view feature selection for social image annotation. <i>Neurocomputing</i> , 2016 , 204, 135-141	5.4	24
106	Interference based virtual network embedding 2016 ,		8
105	. <i>IEEE Transactions on Multimedia</i> , 2015 , 17, 1286-1296	6.6	64
104	Towards joint resource allocation and routing to optimize video distribution over future internet 2015 ,		10
103	Improving Energy Efficiency for Mobile Media Cloud via Virtual Machine Consolidation. <i>Mobile Networks and Applications</i> , 2015 , 20, 370-379	2.9	7
102	Supporting Seamless Virtual Machine Migration via Named Data Networking in Cloud Data Center. <i>IEEE Transactions on Parallel and Distributed Systems</i> , 2015 , 26, 3485-3497	3.7	18
101	SmartGW: Enabling Bandwidth-Efficient Group Watching in Cloud Social TV Systems. <i>Mobile Networks and Applications</i> , 2015 , 20, 308-319	2.9	
100	Reducing Vector I/O for Faster GPU Sparse Matrix-Vector Multiplication 2015 ,		3
99	Cloud-assisted collaborative execution for mobile applications with general task topology 2015 ,		3
98	Adaptive and scalable load balancing for metadata server cluster in cloud-scale file systems. <i>Frontiers of Computer Science</i> , 2015 , 9, 904-918	2.2	8
97	Tensor Canonical Correlation Analysis for Multi-View Dimension Reduction. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2015 , 27, 3111-3124	4.2	139
96	Fuelling Big Data Intelligence into Future Multimedia System: Reflection and Outlook 2015 ,		1
95	. <i>IEEE Network</i> , 2015 , 29, 43-49	11.4	34
94	Cost-efficient and QoS-aware content management in media cloud: Implementation and evaluation 2015 ,		7
93	. <i>IEEE Transactions on Network and Service Management</i> , 2015 , 12, 420-434	4.8	31
92	Toward green data centers as an interruptible load for grid stabilization in Singapore 2015 , 53, 192-198		7
91	Mobile cloud computing based privacy protection in location-based information survey applications. <i>Security and Communication Networks</i> , 2015 , 8, 1006-1025	1.9	7

90	Collaborative Task Execution in Mobile Cloud Computing Under a Stochastic Wireless Channel. <i>IEEE Transactions on Wireless Communications</i> , 2015 , 14, 81-93	9.6	159
89	A Survey on Software-Defined Networking. <i>IEEE Communications Surveys and Tutorials</i> , 2015 , 17, 27-51	37.1	516
88	Optimal Transcoding and Caching for Adaptive Streaming in Media Cloud: an Analytical Approach. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2015 , 25, 1914-1925	6.4	50
87	C2: Adaptive Load Balancing for Metadata Server Cluster in Cloud-Scale Storage Systems. <i>Proceedings in Adaptation, Learning and Optimization</i> , 2015 , 195-209	0.2	3
86	Algorithms and Applications for Community Detection in Weighted Networks. <i>IEEE Transactions on Parallel and Distributed Systems</i> , 2015 , 26, 2916-2926	3.7	65
85	Cloud radio access network (C-RAN): a primer. <i>IEEE Network</i> , 2015 , 29, 35-41	11.4	282
84	Toward Energy-Efficient Task Execution in Mobile Cloud Computing 2015 , 45-121		
83	. <i>IEEE Transactions on Multimedia</i> , 2014 , 16, 885-902	6.6	115
82	. <i>IEEE MultiMedia</i> , 2014 , 21, 10-19	2.1	19
81	. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2014 , 24, 889-901	6.4	34
80	Content Routing and Lookup Schemes Using Global Bloom Filter for Content-Delivery-as-a-Service. <i>IEEE Systems Journal</i> , 2014 , 8, 268-278	4.3	7
79	2014 ,		16
78	Toward profit-seeking virtual network embedding algorithm via global resource capacity 2014 ,		82
77	2014 ,		3
76	Information diffusion in mobile social networks: The speed perspective 2014 ,		41
75	Community based effective social video contents placement in cloud centric CDN network 2014 ,		29
74	Toward Scalable Systems for Big Data Analytics: A Technology Tutorial. <i>IEEE Access</i> , 2014 , 2, 652-687	3.5	681
73	. <i>IEEE Transactions on Multimedia</i> , 2014 , 16, 1434-1445	6.6	42

72	On the Cost-DoE Tradeoff for Cloud-Based Video Streaming Under Amazon EC2 Pricing Models. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2014 , 24, 669-680	6.4	57
71	(upmu mathm{DC}^2): unified data collection for data centers. <i>Journal of Supercomputing</i> , 2014 , 70, 1383-1404	2.5	2
70	Distributed Algorithm for Tree-Structured Data Aggregation Service Placement in Smart Grid. <i>IEEE Systems Journal</i> , 2014 , 8, 553-561	4.3	16
69	Toward Transcoding as a Service in a Multimedia Cloud: Energy-Efficient Job-Dispatching Algorithm. <i>IEEE Transactions on Vehicular Technology</i> , 2014 , 63, 2002-2012	6.8	26
68	Towards optimal noise distribution for privacy preserving in data aggregation. <i>Computers and Security</i> , 2014 , 45, 210-230	4.9	4
67	Rapid and high capacity methane storage in clathrate hydrates using surfactant dry solution. <i>Chemical Engineering Science</i> , 2014 , 106, 53-59	4.4	62
66	Parking Backbone: Toward Efficient Overlay Routing in VANETs. <i>International Journal of Distributed Sensor Networks</i> , 2014 , 10, 291308	1.7	4
65	Toward a biometric-aware cloud service engine for multi-screen video applications 2014 ,		1
64	Enhancing user experience for multi-screen social TV streaming over wireless networks 2014 ,		2
63	Skeleton construction in mobile social networks: Algorithms and applications 2014 ,		11
62	Energy-efficient dispatching policy for virus scanning as a service under N-version protection 2014 ,		2
61	Social TV analytics 2014 ,		12
60	PAINT: Partial in-network transcoding for adaptive streaming in information centric network 2014 ,		11
59	Toward transcoding as a service: energy-efficient offloading policy for green mobile cloud. <i>IEEE Network</i> , 2014 , 28, 67-73	11.4	38
58	. <i>IEEE Transactions on Multimedia</i> , 2014 , 16, 242-252	6.6	29
57	MUTAS: Multi-screen TV experience as a service through cloud centric media network 2014 ,		3
56	. <i>IEEE Transactions on Multimedia</i> , 2014 , 16, 1739-1751	6.6	28
55	Virt Cache: Managing Virtual Disk Performance Variation in Distributed File Systems for the Cloud 2014 ,		5

54	A QoS-aware routing algorithm based on ant-cluster in wireless multimedia sensor networks. <i>Science China Information Sciences</i> , 2014 , 57, 1-16	3.4	6
53	Community detection in weighted networks: Algorithms and applications 2013 ,		5
52	2013 , 51, 94-100		22
51	Distributed Hash Table. <i>SpringerBriefs in Computer Science</i> , 2013 ,	0.4	14
50	Toward Optimal Deployment of Cloud-Assisted Video Distribution Services. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2013 , 23, 1717-1728	6.4	49
49	Toward a unified elastic computing platform for smartphones with cloud support. <i>IEEE Network</i> , 2013 , 27, 34-40	11.4	45
48	DHT Theory. <i>SpringerBriefs in Computer Science</i> , 2013 , 5-22	0.4	0
47	vRGW: Towards network function virtualization enabled by software defined networking 2013 ,		1
46	. <i>IEEE Transactions on Wireless Communications</i> , 2013 , 12, 4569-4581	9.6	499
45	2013 ,		31
44	. <i>IEEE Transactions on Wireless Communications</i> , 2013 , 12, 3733-3745	9.6	43
43	Toward monetary cost effective content placement in cloud centric media network 2013 ,		15
42	Multi-screen cloud social TV 2013 ,		11
41	. <i>IEEE Transactions on Multimedia</i> , 2013 , 15, 1431-1445	6.6	137
40	. <i>IEEE Journal on Selected Areas in Communications</i> , 2013 , 31, 743-755	14.2	13
39	Multiview vector-valued manifold regularization for multilabel image classification. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2013 , 24, 709-22	10.3	107
38	. <i>IEEE Network</i> , 2013 , 27, 8-15	11.4	72
37	Energy-efficient scheduling policy for collaborative execution in mobile cloud computing 2013 ,		97

36	Minimizing monetary cost via cloud clone migration in multi-screen cloud social TV system 2013 ,		2
35	Revenue-driven virtual network embedding based on global resource information 2013 ,		7
34	Cloud3DView 2013 ,		3
33	Dynamic transparent virtual network embedding over elastic optical infrastructures 2013 ,		28
32	An Empirical Investigation of the Impact of Server Virtualization on Energy Efficiency for Green Data Center. <i>Computer Journal</i> , 2013 , 56, 977-990	1.3	31
31	Cloud3DView. <i>Computer Communication Review</i> , 2013 , 43, 499-500	1.4	5
30	An Efficient Data Evacuation Strategy for Sensor Networks in Postdisaster Applications. <i>International Journal of Distributed Sensor Networks</i> , 2013 , 9, 718297	1.7	2
29	DHT Applications. <i>SpringerBriefs in Computer Science</i> , 2013 , 39-55	0.4	
28	DHT Platforms. <i>SpringerBriefs in Computer Science</i> , 2013 , 23-38	0.4	1
27	Depth-color based 3D image transmission over wireless networks with QoE provisions. <i>Computer Communications</i> , 2012 , 35, 1838-1845	5.1	1
26	On P2P mechanisms for VM image distribution in cloud data centers: Modeling, analysis and improvement 2012 ,		11
25	Socially-responsible load scheduling algorithms for sustainable data centers over smart grid 2012 ,		1
24	Energy efficiency and server virtualization in data centers: An empirical investigation 2012 ,		4
23	CoDaaS: An experimental cloud-centric content delivery platform for user-generated contents 2012 ,		37
22	Optimizing content retrieval delay for LT-based distributed cloud storage systems 2012 ,		1
21	Applied Lightweight Parallel Multi-Appliance Recognition on Smart Meter 2012 ,		1
20	Cloud robotics: architecture, challenges and applications. <i>IEEE Network</i> , 2012 , 26, 21-28	11.4	295
19	Energy optimizations for data center network: Formulation and its solution 2012 ,		1

18	QoE-driven cache management for HTTP adaptive bit rate (ABR) streaming over wireless networks 2012,		1
17	Energy minimization via dynamic voltage scaling for real-time video encoding on mobile devices 2012,		11
16	Distributed and Asynchronous Solution to Operator Placement in Large Wireless Sensor Networks 2012,		6
15	Credit routing for source-location privacy protection in wireless sensor networks 2012,		1
14	Energy-optimal mobile application execution: Taming resource-poor mobile devices with cloud clones 2012,		215
13	Towards name-based trust and security for content-centric network 2011,		55
12	On file-based content distribution over wireless networks via multiple paths: Coding and delay trade-off 2011,		5
11	Lightweight packet scheduling algorithms for content uploading from mobile devices to media cloud 2011,		8
10	Buffer and Switch: An Efficient Road-to-Road Routing Scheme for VANETs 2011,		4
9	The last minute: Efficient Data Evacuation strategy for sensor networks in post-disaster applications 2011,		14
8	Designing an inter-cloud messaging protocol for content distribution as a service (CoDaaS) over future internet 2011,		11
7	On file delay minimization for content uploading to media cloud via collaborative wireless network 2011,		5
6	Optimizing Joint Erasure- and Error-Correction Coding for Wireless Packet Transmissions. <i>IEEE Transactions on Wireless Communications</i> , 2008 , 7, 4586-4595	9.6	41
5	OPN02-4: Efficient Fault Detection and Localization for All-Optical Networks. <i>IEEE Global Telecommunications Conference (GLOBECOM)</i> , 2006 ,		2
4	Extreme power dispersion profiles for Nakagami-m fading channels with maximal-ratio diversity. <i>IEEE Communications Letters</i> , 2005 , 9, 385-387	3.8	1
3	Efficient fault-diagnosis algorithms for all-optical WDM networks with probabilistic link failures. <i>Journal of Lightwave Technology</i> , 2005 , 23, 3358-3371	4	60
2	Ultra-reliable communication over vulnerable all-optical networks via lightpath diversity. <i>IEEE Journal on Selected Areas in Communications</i> , 2005 , 23, 1572-1587	14.2	6
1	Network monitoring in multicast networks using network coding 2005,		25

