

Haiying Shen

List of Publications by Year in descending order

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263
papers

4,557
citations

218592

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h-index

223716

46
g-index

263
all docs

263
docs citations

263
times ranked

3591
citing authors

#	ARTICLE	IF	CITATIONS
1	A Review of Communication, Driver Characteristics, and Controls Aspects of Cooperative Adaptive Cruise Control (CACC). IEEE Transactions on Intelligent Transportation Systems, 2016, 17, 491-509.	4.7	372
2	Machine Learning Based Workload Prediction in Cloud Computing. , 2020, , .		158
3	Smartly Handling Renewable Energy Instability in Supporting A Cloud Datacenter. , 2020, , .		156
4	Task Failure Prediction in Cloud Data Centers Using Deep Learning. IEEE Transactions on Services Computing, 2022, 15, 1411-1422.	3.2	136
5	Game-Theoretic Analysis of Cooperation Incentive Strategies in Mobile Ad Hoc Networks. IEEE Transactions on Mobile Computing, 2012, 11, 1287-1303.	3.9	129
6	Task Failure Prediction in Cloud Data Centers Using Deep Learning. , 2019, , .		99
7	Stochastic Load Balancing for Virtual Resource Management in Datacenters. IEEE Transactions on Cloud Computing, 2020, 8, 459-472.	3.1	91
8	Leveraging Social Networks for P2P Content-Based File Sharing in Disconnected MANETs. IEEE Transactions on Mobile Computing, 2014, 13, 235-249.	3.9	82
9	ALERT: An Anonymous Location-Based Efficient Routing Protocol in MANETs. IEEE Transactions on Mobile Computing, 2013, 12, 1079-1093.	3.9	81
10	Consolidating complementary VMs with spatial/temporal-awareness in cloud datacenters. , 2014, , .		72
11	A Review of Sensing and Communication, Human Factors, and Controller Aspects for Information-Aware Connected and Automated Vehicles. IEEE Transactions on Intelligent Transportation Systems, 2020, 21, 7-29.	4.7	69
12	Locality-Aware and Churn-Resilient Load-Balancing Algorithms in Structured Peer-to-Peer Networks. IEEE Transactions on Parallel and Distributed Systems, 2007, 18, 849-862.	4.0	67
13	CloudFog: Leveraging Fog to Extend Cloud Gaming for Thin-Client MMOG with High Quality of Service. IEEE Transactions on Parallel and Distributed Systems, 2017, 28, 431-445.	4.0	67
14	An Efficient and Trustworthy Resource Sharing Platform for Collaborative Cloud Computing. IEEE Transactions on Parallel and Distributed Systems, 2014, 25, 862-875.	4.0	64
15	A Survey of Mobile Crowdsensing Techniques: A Critical Component for the Internet of Things. , 2016, , .		57
16	An Energy-Efficient and Distributed Cooperation Mechanism for -Coverage Hole Detection and Healing in WSNs. IEEE Transactions on Mobile Computing, 2018, 17, 1247-1259.	3.9	55
17	An Efficient and Adaptive Decentralized File Replication Algorithm in P2P File Sharing Systems. IEEE Transactions on Parallel and Distributed Systems, 2010, 21, 827-840.	4.0	50
18	STAG-Based QoS Support Routing Strategy for Multiple Missions Over the Satellite Networks. IEEE Transactions on Communications, 2019, 67, 6912-6924.	4.9	50

#	ARTICLE	IF	CITATIONS
19	RIAL: Resource Intensity Aware Load balancing in clouds. , 2014, , .		45
20	IRM: Integrated File Replication and Consistency Maintenance in P2P Systems. IEEE Transactions on Parallel and Distributed Systems, 2010, 21, 100-113.	4.0	44
21	Planning and Operation of Parking Lots Considering System, Traffic, and Drivers Behavioral Model. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2019, 49, 1879-1892.	5.9	44
22	A Resource Usage Intensity Aware Load Balancing Method for Virtual Machine Migration in Cloud Datacenters. IEEE Transactions on Cloud Computing, 2020, 8, 17-31.	3.1	42
23	Scheduling internet of things applications in cloud computing. Annales Des Telecommunications/Annals of Telecommunications, 2017, 72, 79-93.	1.6	40
24	A Distributed Spatial-Temporal Similarity Data Storage Scheme in Wireless Sensor Networks. IEEE Transactions on Mobile Computing, 2011, 10, 982-996.	3.9	39
25	Selective Data replication for Online Social Networks with Distributed Datacenters. , 2013, , .		39
26	SEDUM: Exploiting Social Networks in Utility-Based Distributed Routing for DTNs. IEEE Transactions on Computers, 2013, 62, 83-97.	2.4	38
27	Cloud Fog: Towards High Quality of Experience in Cloud Gaming. , 2015, , .		37
28	Towards Bandwidth Guarantee for Virtual Clusters Under Demand Uncertainty in Multi-Tenant Clouds. IEEE Transactions on Parallel and Distributed Systems, 2018, 29, 450-465.	4.0	37
29	Multicent: A Multifunctional Incentive Scheme Adaptive to Diverse Performance Objectives for DTN Routing. IEEE Transactions on Parallel and Distributed Systems, 2015, 26, 1643-1653.	4.0	32
30	CatCharger: Deploying wireless charging lanes in a metropolitan road network through categorization and clustering of vehicle traffic. , 2017, , .		32
31	Price-Controlled Energy Management of Smart Homes for Maximizing Profit of a GENCO. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2019, 49, 697-709.	5.9	32
32	Question Quality Analysis and Prediction in Community Question Answering Services with Coupled Mutual Reinforcement. IEEE Transactions on Services Computing, 2017, 10, 286-301.	3.2	31
33	SOAP: A Social network Aided Personalized and effective spam filter to clean your e-mail box. , 2011, , .		30
34	A Dynamic Combined Flow Algorithm for the Two-Commodity Max-Flow Problem Over Delay-Tolerant Networks. IEEE Transactions on Wireless Communications, 2018, 17, 7879-7893.	6.1	30
35	Minimum-Cost Cloud Storage Service Across Multiple Cloud Providers. IEEE/ACM Transactions on Networking, 2017, 25, 2498-2513.	2.6	29
36	SocialTube: P2P-Assisted Video Sharing in Online Social Networks. IEEE Transactions on Parallel and Distributed Systems, 2014, 25, 2428-2440.	4.0	27

#	ARTICLE	IF	CITATIONS
37	HealthEdge: Task scheduling for edge computing with health emergency and human behavior consideration in smart homes. , 2017, , .		26
38	Bandwidth Guarantee under Demand Uncertainty in Multi-tenant Clouds. , 2014, , .		24
39	SCPS: A Social-Aware Distributed Cyber-Physical Human-Centric Search Engine. IEEE Transactions on Computers, 2015, 64, 518-532.	2.4	24
40	Social-P2P: An Online Social Network Based P2P File Sharing System. IEEE Transactions on Parallel and Distributed Systems, 2015, 26, 2874-2889.	4.0	24
41	Maximizing P2P File Access Availability in Mobile Ad Hoc Networks though Replication for Efficient File Sharing. IEEE Transactions on Computers, 2015, 64, 1029-1042.	2.4	24
42	A Low-Cost Multi-failure Resilient Replication Scheme for High Data Availability in Cloud Storage. , 2016, , .		24
43	A QoS-Oriented Distributed Routing Protocol for Hybrid Wireless Networks. IEEE Transactions on Mobile Computing, 2014, 13, 693-708.	3.9	23
44	New bandwidth sharing and pricing policies to achieve a win-win situation for cloud provider and tenants. , 2014, , .		23
45	An Efficient and Trustworthy P2P and Social Network Integrated File Sharing System. IEEE Transactions on Computers, 2015, 64, 54-70.	2.4	23
46	DTN-FLOW: Inter-Landmark Data Flow for High-Throughput Routing in DTNs. IEEE/ACM Transactions on Networking, 2015, 23, 212-226.	2.6	23
47	CoRE: Cooperative End-to-End Traffic Redundancy Elimination for Reducing Cloud Bandwidth Cost. IEEE Transactions on Parallel and Distributed Systems, 2016, , 1-1.	4.0	23
48	An Exploration of Designing a Hybrid Scale-Up/Out Hadoop Architecture Based on Performance Measurements. IEEE Transactions on Parallel and Distributed Systems, 2016, , 1-1.	4.0	23
49	A Kautz-Based Wireless Sensor and Actuator Network for Real-Time, Fault-Tolerant and Energy-Efficient Transmission. IEEE Transactions on Mobile Computing, 2016, 15, 1-16.	3.9	23
50	Data Collection with Accuracy-Aware Congestion Control in Sensor Networks. IEEE Transactions on Mobile Computing, 2019, 18, 1068-1082.	3.9	23
51	Efficient Data Collection for Large-Scale Mobile Monitoring Applications. IEEE Transactions on Parallel and Distributed Systems, 2014, 25, 1424-1436.	4.0	22
52	Probabilistic Network-Aware Task Placement for MapReduce Scheduling. , 2016, , .		22
53	SocialTube: P2P-assisted video sharing in online social networks. , 2012, , .		21
54	Leveraging Fog to Extend Cloud Gaming for Thin-Client MMOG with High Quality of Experience. , 2015, , .		21

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55	Energy Scheduling for a Smart Home Applying Stochastic Model Predictive Control. , 2016, , .		21
56	Energy-efficient Tasks Scheduling Heuristics with Multi-constraints in Virtualized Clouds. Journal of Grid Computing, 2018, 16, 459-475.	2.5	21
57	Popularity-Aware Multi-Failure Resilient and Cost-Effective Replication for High Data Durability in Cloud Storage. IEEE Transactions on Parallel and Distributed Systems, 2019, 30, 2355-2369.	4.0	21
58	PIRD: P2P-Based Intelligent Resource Discovery in Internet-Based Distributed Systems. , 2008, , .		20
59	Distributed Autonomous Virtual Resource Management in Datacenters Using Finite-Markov Decision Process. , 2014, , .		20
60	SMART: Utilizing Distributed Social Map for Lightweight Routing in Delay-Tolerant Networks. IEEE/ACM Transactions on Networking, 2014, 22, 1545-1558.	2.6	20
61	Profiling and Understanding Virtualization Overhead in Cloud. , 2015, , .		20
62	A P2P-Based Market-Guided Distributed Routing Mechanism for High-Throughput Hybrid Wireless Networks. IEEE Transactions on Mobile Computing, 2015, 14, 245-260.	3.9	20
63	Dependency-Aware and Resource-Efficient Scheduling for Heterogeneous Jobs in Clouds. , 2016, , .		20
64	Cooperative distributed energy scheduling for smart homes applying stochastic model predictive control. , 2017, , .		20
65	Characterizing Data Deliverability of Greedy Routing in Wireless Sensor Networks. IEEE Transactions on Mobile Computing, 2018, 17, 543-559.	3.9	20
66	A DHT-Aided Chunk-Driven Overlay for Scalable and Efficient Peer-to-Peer Live Streaming. IEEE Transactions on Parallel and Distributed Systems, 2013, 24, 2125-2137.	4.0	19
67	Designing a Hybrid Scale-Up/Out Hadoop Architecture Based on Performance Measurements for High Application Performance. , 2015, , .		19
68	An Efficient Wireless Power Transfer System to Balance the State of Charge of Electric Vehicles. , 2016, , .		19
69	Machine Learning based Timeliness-Guaranteed and Energy-Efficient Task Assignment in Edge Computing Systems. , 2019, , .		19
70	Towards Green Cloud Computing: Demand Allocation and Pricing Policies for Cloud Service Brokerage. IEEE Transactions on Big Data, 2019, 5, 238-251.	4.4	19
71	Connectivity Maintenance for Next-Generation Decentralized Vehicle Platoon Networks. IEEE/ACM Transactions on Networking, 2020, 28, 1449-1462.	2.6	19
72	Leveraging Social Networks for P2P Content-Based File Sharing in Mobile Ad Hoc Networks. , 2011, , .		18

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73	Characterizing data deliverability of greedy routing in wireless sensor networks. , 2015, , .		18
74	Cache contention aware Virtual Machine placement and migration in cloud datacenters. , 2016, , .		18
75	CORP: Cooperative Opportunistic Resource Provisioning for Short-Lived Jobs in Cloud Systems. , 2016, , .		18
76	Measuring Scale-Up and Scale-Out Hadoop with Remote and Local File Systems and Selecting the Best Platform. IEEE Transactions on Parallel and Distributed Systems, 2017, 28, 3201-3214.	4.0	18
77	Distributed Autonomous Virtual Resource Management in Datacenters Using Finite-Markov Decision Process. IEEE/ACM Transactions on Networking, 2017, 25, 3836-3849.	2.6	18
78	CompVM: A Complementary VM Allocation Mechanism for Cloud Systems. IEEE/ACM Transactions on Networking, 2018, 26, 1348-1361.	2.6	18
79	A Data-Driven Misbehavior Detection System for Connected Autonomous Vehicles. , 2018, 2, 1-21.		18
80	ARM: An Account-Based Hierarchical Reputation Management System for Wireless Ad Hoc Networks. , 2008, , .		17
81	A Lightweight and Cooperative Multifactor Considered File Replication Method in Structured P2P Systems. IEEE Transactions on Computers, 2013, 62, 2115-2130.	2.4	17
82	Knowledge Sharing in the Online Social Network of Yahoo! Answers and Its Implications. IEEE Transactions on Computers, 2014, , 1-1.	2.4	17
83	Swarm Intelligence Based File Replication and Consistency Maintenance in Structured P2P File Sharing Systems. IEEE Transactions on Computers, 2015, 64, 2953-2967.	2.4	17
84	A Social-Network-Aided Efficient Peer-to-Peer Live Streaming System. IEEE/ACM Transactions on Networking, 2015, 23, 987-1000.	2.6	17
85	TOP: Vehicle Trajectory Based Driving Speed Optimization Strategy for Travel Time Minimization and Road Congestion Avoidance. , 2016, , .		17
86	Probabilistic demand allocation for cloud service brokerage. , 2016, , .		17
87	New Bandwidth Sharing and Pricing Policies to Achieve a Win-Win Situation for Cloud Provider and Tenants. IEEE Transactions on Parallel and Distributed Systems, 2016, 27, 2682-2697.	4.0	17
88	A Low-Cost Multi-Failure Resilient Replication Scheme for High-Data Availability in Cloud Storage. IEEE/ACM Transactions on Networking, 2021, 29, 1436-1451.	2.6	17
89	EAD: An Efficient and Adaptive Decentralized File Replication Algorithm in P2P File Sharing Systems. , 2008, , .		16
90	Integrating RFID with Wireless Sensor Networks for Inhabitant, Environment and Health Monitoring. , 2008, , .		16

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91	ALERT: An Anonymous Location-Based Efficient Routing Protocol in MANETs. , 2011, , .		16
92	Leveraging a Compound Graph-Based DHT for Multi-Attribute Range Queries with Performance Analysis. IEEE Transactions on Computers, 2012, 61, 433-447.	2.4	16
93	A Social Network Based Reputation System for Cooperative P2P File Sharing. IEEE Transactions on Parallel and Distributed Systems, 2015, 26, 2140-2153.	4.0	16
94	SocialQ&A: An Online Social Network Based Question and Answer System. IEEE Transactions on Big Data, 2017, 3, 91-106.	4.4	16
95	Collective intelligence in the online social network of yahoo!answers and its implications. , 2012, , .		15
96	A Distributed Three-Hop Routing Protocol to Increase the Capacity of Hybrid Wireless Networks. IEEE Transactions on Mobile Computing, 2015, 14, 1975-1991.	3.9	15
97	A Hierarchical Account-Aided Reputation Management System for MANETs. IEEE/ACM Transactions on Networking, 2015, 23, 70-84.	2.6	15
98	EAFR: An Energy-Efficient Adaptive File Replication System in Data-Intensive Clusters. IEEE Transactions on Parallel and Distributed Systems, 2017, 28, 1017-1030.	4.0	15
99	A hierarchical account-aided Reputation Management system for large-scale MANETs. , 2011, , .		14
100	Locality-Preserving Clustering and Discovery of Resources in Wide-Area Distributed Computational Grids. IEEE Transactions on Computers, 2012, 61, 458-473.	2.4	14
101	DTN-FLOW: Inter-Landmark Data Flow for High-Throughput Routing in DTNs. , 2013, , .		14
102	Multicent: A multifunctional incentive scheme adaptive to diverse performance objectives for DTN routing. , 2013, , .		14
103	A popularity-aware cost-effective replication scheme for high data durability in cloud storage. , 2016, , .		14
104	Goodbye to Fixed Bandwidth Reservation: Job Scheduling with Elastic Bandwidth Reservation in Clouds. , 2016, , .		14
105	Considering resource demand misalignments to reduce resource over-provisioning in cloud datacenters. , 2017, , .		14
106	Memory/Disk Operation Aware Lightweight VM Live Migration Across Data-centers with Low Performance Impact. , 2019, , .		14
107	Elastic Routing Table with Provable Performance for Congestion Control in DHT Networks. IEEE Transactions on Parallel and Distributed Systems, 2010, 21, 242-256.	4.0	13
108	A Proximity-Aware Interest-Clustered P2P File Sharing System. IEEE Transactions on Parallel and Distributed Systems, 2015, 26, 1509-1523.	4.0	13

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109	Enhancing Collusion Resilience in Reputation Systems. IEEE Transactions on Parallel and Distributed Systems, 2016, 27, 2274-2287.	4.0	13
110	Proactive Incast Congestion Control in a Datacenter Serving Web Applications. , 2018, , .		13
111	A Decentralized Network with Fast and Lightweight Autonomous Channel Selection in Vehicle Platoons for Collision Avoidance. , 2016, , .		12
112	VShare: A Wireless Social Network Aided Vehicle Sharing System Using Hierarchical Cloud Architecture. , 2016, , .		12
113	Dynamic Demand Prediction and Allocation in Cloud Service Brokerage. IEEE Transactions on Cloud Computing, 2021, 9, 1439-1452.	3.1	12
114	Toward P2P-based multimedia sharing in user generated contents. , 2011, , .		11
115	SMART: Lightweight distributed Social Map based Routing in Delay Tolerant Networks. , 2012, , .		11
116	SOS: A Distributed Mobile Q&A SystemBased on Social Networks. IEEE Transactions on Parallel and Distributed Systems, 2014, 25, 1066-1077.	4.0	11
117	Swarm-based Incast Congestion Control in Datacenters Serving Web Applications. , 2017, , .		11
118	Resource Demand Misalignment: An Important Factor to Consider for Reducing Resource Over-Provisioning in Cloud Datacenters. IEEE/ACM Transactions on Networking, 2018, 26, 1207-1221.	2.6	11
119	Analysis the cooperation strategies in mobile ad hoc networks. , 2008, , .		10
120	Utility-Based Distributed Routing in Intermittently Connected Networks. , 2008, , .		10
121	Leveraging Social Networks to Combat Collusion in Reputation Systems for Peer-to-Peer Networks. , 2011, , .		10
122	A Scalable and Mobility-Resilient Data Search System for Large-Scale Mobile Wireless Networks. IEEE Transactions on Parallel and Distributed Systems, 2014, 25, 1124-1134.	4.0	10
123	Exploiting Active Sub-Areas for Multi-Copy Routing in VDTNs. , 2015, , .		10
124	TSearch: Target-oriented low-delay node searching in DTNs with social network properties. , 2015, , .		10
125	SmartQ: A Question and Answer System for Supplying High-Quality and Trustworthy Answers. IEEE Transactions on Big Data, 2018, 4, 600-613.	4.4	10
126	A Direction Based Geographic Routing Scheme for Intermittently Connected Mobile Networks. , 2008, , .		9

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127	Analysis of a Hybrid Reputation Management System for Mobile Ad hoc Networks. , 2009, , .		9
128	SOS: A Distributed Mobile Q&A System Based on Social Networks. , 2012, , .		9
129	Energy-efficient cooperative broadcast in fading wireless networks. , 2014, , .		9
130	On-Demand Bandwidth Pricing for Congestion Control in Core Switches in Cloud Networks. , 2016, , .		9
131	DSearching: Using Floating Mobility Information for Distributed Node Searching in DTNs. IEEE Transactions on Mobile Computing, 2016, 15, 121-136.	3.9	9
132	Global optimization of file availability through replication for efficient file sharing in MANETs. , 2011, , .		8
133	Social-P2P: Social network-based P2P file sharing system. , 2012, , .		8
134	Secure Continuous Aggregation in Wireless Sensor Networks. IEEE Transactions on Parallel and Distributed Systems, 2014, 25, 762-774.	4.0	8
135	Towards green cloud computing: Demand allocation and pricing policies for cloud service brokerage. , 2015, , .		8
136	Towards resource-efficient cloud systems: Avoiding over-provisioning in demand-prediction based resource provisioning. , 2016, , .		8
137	Performance Measurement on Scale-Up and Scale-Out Hadoop with Remote and Local File Systems. , 2016, , .		8
138	Deadline Guaranteed Service for Multi-Tenant Cloud Storage. IEEE Transactions on Parallel and Distributed Systems, 2016, 27, 2851-2865.	4.0	8
139	Can Dynamic Knowledge-Sharing Activities Be Mirrored From the Static Online Social Network in Yahoo! Answers and How to Improve Its Quality of Service?. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2017, 47, 3363-3376.	5.9	8
140	FaceChange: Attaining Neighbor Node Anonymity in Mobile Opportunistic Social Networks With Fine-Grained Control. IEEE/ACM Transactions on Networking, 2017, 25, 1176-1189.	2.6	8
141	Power Distribution Scheduling for Electric Vehicles in Wireless Power Transfer Systems. , 2017, , .		8
142	Multi-Tier Workload Consolidations in the Cloud: Profiling, Modeling and Optimization. IEEE Transactions on Cloud Computing, 2022, 10, 899-912.	3.1	8
143	An Effective and Lightweight Countermeasure Scheme to Multiple Network Attacks in NDN. IEEE/ACM Transactions on Networking, 2022, 30, 515-528.	2.6	8
144	Toward P2P-Based Multimedia Sharing in User Generated Contents. IEEE Transactions on Parallel and Distributed Systems, 2012, 23, 966-975.	4.0	7

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145	Refining Reputation to Truly Select High-QoS Servers in Peer-to-Peer Networks. IEEE Transactions on Parallel and Distributed Systems, 2013, 24, 2439-2450.	4.0	7
146	DSearching: Distributed searching of mobile nodes in DTNs with floating mobility information. , 2014, , .		7
147	Computing load aware and long-view load balancing for cluster storage systems. , 2015, , .		7
148	Comparing application performance on HPC-based Hadoop platforms with local storage and dedicated storage. , 2016, , .		7
149	Towards Green Transportation: Fast Vehicle Velocity Optimization for Fuel Efficiency. , 2016, , .		7
150	Mining connected global and local dense subgraphs for bigdata. International Journal of Modern Physics C, 2016, 27, 1650072.	0.8	7
151	Quick and Autonomous Platoon Maintenance in Vehicle Dynamics For Distributed Vehicle Platoon Networks. , 2017, , .		7
152	Exploiting Active Sub-areas for Multi-copy Routing in VDTNs. IEEE Transactions on Vehicular Technology, 2017, , 1-1.	3.9	7
153	LORM: Supporting low-overhead P2P-based range-query and multi-attribute resource management in grids. , 2007, , .		6
154	Locality sensitive hashing based searching scheme for a massive database. , 2008, , .		6
155	A DHT-Aided Chunk-Driven Overlay for Scalable and Efficient Peer-to-Peer Live Streaming. , 2010, , .		6
156	Cooperative end-to-end traffic redundancy elimination for reducing cloud bandwidth cost. , 2012, , .		6
157	An Interest-Based Per-Community P2P Hierarchical Structure for Short Video Sharing in the YouTube Social Network. , 2014, , .		6
158	Sociallink: utilizing social network and transaction links for effective trust management in P2P file sharing systems. , 2015, , .		6
159	DIAL: A Distributed Adaptive-Learning Routing Method in VDTNs. , 2016, , .		6
160	Minimum-Cost Cloud Storage Service Across Multiple Cloud Providers. , 2016, , .		6
161	Learning Network Graph of SIR Epidemic Cascades Using Minimal Hitting Set Based Approach. , 2016, , .		6
162	Measuring and Evaluating Live Content Consistency in a Large-Scale CDN. IEEE Transactions on Parallel and Distributed Systems, 2016, 27, 2074-2090.	4.0	6

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163	Energy management of end users modeling their reaction from a GENCO's point of view. , 2017, , .		6
164	Healthedge: Task Scheduling for Edge Computing with Health Emergency and Human Behavior Consideration in Smart Homes. , 2017, , .		6
165	Analysis of Knowledge Sharing Activities on a Social Network Incorporated Discussion Forum: A Case Study of DISboards. IEEE Transactions on Big Data, 2018, 4, 432-446.	4.4	6
166	An efficient and scalable framework for content-based publish/subscribe systems. Peer-to-Peer Networking and Applications, 2008, 1, 3-17.	2.6	5
167	An Efficient Similarity Searching Scheme in Massive Databases. , 2008, , .		5
168	An efficient and trustworthy P2P and social network integrated file sharing system. , 2012, , .		5
169	Discovering the Densest Subgraph in MapReduce for Assortative Big Natural Graphs. , 2015, , .		5
170	SocialQ&A: An Online Social Network Based Question and Answer System. , 2015, , .		5
171	A time-efficient connected densest subgraph discovery algorithm for big data. , 2015, , .		5
172	EAFR: An Energy-Efficient Adaptive File Replication System in Data-Intensive Clusters. , 2015, , .		5
173	Efficient File Search in Delay Tolerant Networks with Social Content and Contact Awareness. IEEE Transactions on Parallel and Distributed Systems, 2016, 27, 1982-1995.	4.0	5
174	Towards Long-View Computing Load Balancing in Cluster Storage Systems. IEEE Transactions on Parallel and Distributed Systems, 2017, 28, 1770-1784.	4.0	5
175	Fading-Resistant Link Scheduling in Wireless Networks. , 2017, , .		5
176	Toward Efficient Short-Video Sharing in the YouTube Social Network. ACM Transactions on Internet Technology, 2018, 18, 1-25.	3.0	5
177	Vehicle Routing Trifecta: Data-Driven Route Recommendation System. , 2019, , .		5
178	AutoTune: Game-Based Adaptive Bitrate Streaming in Cloud-Based Hybrid VoD Systems. IEEE Transactions on Services Computing, 2019, 12, 519-533.	3.2	5
179	Improved Intermediate Data Management for MapReduce Frameworks. , 2020, , .		5
180	MobileCopy: Improving Data Availability and File Search Efficiency in Delay Tolerant Networks against Correlated Node Failure. IEEE Transactions on Mobile Computing, 2021, 20, 188-203.	3.9	5

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181	An Advanced Black-Box Adversarial Attack for Deep Driving Maneuver Classification Models. , 2020, , .		5
182	SPPS: A scalable P2P-based proximity-aware multi-resource discovery scheme for grids. , 2008, , .		4
183	Probabilistic Routing with Multi-Copies in Delay Tolerant Networks. , 2008, , .		4
184	GeWave: Geographically-Aware Wave for File Consistency Maintenance in P2P Systems. , 2008, , .		4
185	Efficient and effective file replication in structured P2P file sharing systems. , 2009, , .		4
186	A Low-Cost Anonymous Routing Protocol in MANETs. , 2009, , .		4
187	A mobility and congestion resilient data management system for distributed mobile networks. , 2009, , .		4
188	CEDAR: An optimal and distributed strategy for packet recovery in wireless networks. , 2013, , .		4
189	Fine-Grained Encountering Information Collection under Neighbor Anonymity in Mobile Opportunistic Social Networks. , 2015, , .		4
190	A locality-aware similar information searching scheme. International Journal on Digital Libraries, 2016, 17, 79-93.	1.1	4
191	Exploiting Efficient Densest Subgraph Discovering Methods for Big Data. IEEE Transactions on Big Data, 2017, 3, 334-348.	4.4	4
192	Load-aware and congestion-free state management in network function virtualization. , 2017, , .		4
193	Greedyflow: Distributed greedy packet routing between landmarks in DTNs. Ad Hoc Networks, 2019, 83, 168-181.	3.4	4
194	Attack Detection and Mitigation for Sensor and CAN Bus Attacks in Vehicle Anti-lock Braking Systems. , 2020, , .		4
195	Machine Learning for Load Balancing in Cloud Datacenters. , 2021, , .		4
196	FairTrust: Toward secure and high performance P2P networks. , 2007, , .		3
197	Locality-Preserving Clustering and Discovery of Wide-Area Grid Resources. , 2009, , .		3
198	Performance Analysis of DHT Algorithms for Range-Query and Multi-Attribute Resource Discovery in Grids. , 2009, , .		3

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199	Harmony: Integrated Resource and Reputation Management for Large-Scale Distributed Systems. , 2011, , .		3
200	Collusion Detection in Reputation Systems for Peer-to-Peer Networks. , 2012, , .		3
201	SmartQ: A question and answer system for supplying high-quality and trustworthy answers. , 2014, , .		3
202	Measuring and Evaluating Live Content Consistency in a Large-Scale CDN. , 2014, , .		3
203	A P2P-Based Infrastructure for Adaptive Trustworthy and Efficient Communication in Wide-Area Distributed Systems. IEEE Transactions on Parallel and Distributed Systems, 2014, 25, 2222-2233.	4.0	3
204	Deadline guaranteed service for multi-tenant cloud storage. , 2015, , .		3
205	Congestion-adaptive data collection with accuracy guarantee in cyber-physical systems. , 2015, , .		3
206	TSearch: Target-Oriented Low-Delay Node Searching in DTNs With Social Network Properties. IEEE/ACM Transactions on Networking, 2016, 24, 3841-3855.	2.6	3
207	Towards Deadline Guaranteed Cloud Storage Services. , 2016, , .		3
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