

# Haiying Shen

## List of Publications by Year in descending order

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263  
papers

4,557  
citations

218592

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223716

46  
g-index

263  
all docs

263  
docs citations

263  
times ranked

3591  
citing authors

#	ARTICLE	IF	CITATIONS
1	Task Failure Prediction in Cloud Data Centers Using Deep Learning. IEEE Transactions on Services Computing, 2022, 15, 1411-1422.	3.2	136
2	Multi-Tier Workload Consolidations in the Cloud: Profiling, Modeling and Optimization. IEEE Transactions on Cloud Computing, 2022, 10, 899-912.	3.1	8
3	An Effective and Lightweight Countermeasure Scheme to Multiple Network Attacks in NDN. IEEE/ACM Transactions on Networking, 2022, 30, 515-528.	2.6	8
4	CatCharger: Deploying In-Motion Wireless Chargers in a Metropolitan Road Network via Categorization and Clustering of Vehicle Traffic. IEEE Internet of Things Journal, 2022, 9, 9525-9541.	5.5	2
5	Co-Scheduler: A Coflow-Aware Data-Parallel Job Scheduler in Hybrid Electrical/Optical Datacenter Networks. IEEE/ACM Transactions on Networking, 2022, 30, 1599-1612.	2.6	3
6	A Study on the Impact of Memory DoS Attacks on Cloud Applications and Exploring Real-Time Detection Schemes. IEEE/ACM Transactions on Networking, 2022, 30, 1644-1658.	2.6	1
7	Memory/Disk Operation Aware Lightweight VM Live Migration. IEEE/ACM Transactions on Networking, 2022, 30, 1895-1910.	2.6	2
8	The Time Machine in Columnar NoSQL Databases: The Case of Apache HBase. Future Internet, 2022, 14, 92.	2.4	2
9	Dynamic Demand Prediction and Allocation in Cloud Service Brokerage. IEEE Transactions on Cloud Computing, 2021, 9, 1439-1452.	3.1	12
10	Towards Deadline Guaranteed Cloud Storage Services. IEEE Transactions on Services Computing, 2021, 14, 915-929.	3.2	0
11	Scheduling Inter-Datacenter Video Flows for Cost Efficiency. IEEE Transactions on Services Computing, 2021, 14, 834-849.	3.2	3
12	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
13	Machine Learning for Load Balancing in Cloud Datacenters. , 2021, , .		4
14	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
15	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
16	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
17	Machine Learning Based Workload Prediction in Cloud Computing. , 2020, , .		158
18	Improved Intermediate Data Management for MapReduce Frameworks. , 2020, , .		5

#	ARTICLE	IF	CITATIONS
19	Smartly Handling Renewable Energy Instability in Supporting A Cloud Datacenter. , 2020, , .		156
20	Attack Detection and Mitigation for Sensor and CAN Bus Attacks in Vehicle Anti-lock Braking Systems. , 2020, , .		4
21	Node Cooperation Analysis in Mobile Peer-to-peer Networks. , 2020, , .		0
22	An Effective and Lightweight Countermeasure Scheme to Multiple Network Attacks in NDNs. , 2020, , .		0
23	Connectivity Maintenance for Next-Generation Decentralized Vehicle Platoon Networks. IEEE/ACM Transactions on Networking, 2020, 28, 1449-1462.	2.6	19
24	Stochastic Load Balancing for Virtual Resource Management in Datacenters. IEEE Transactions on Cloud Computing, 2020, 8, 459-472.	3.1	91
25	Impact of Memory DoS Attacks on Cloud Applications and Real-Time Detection Schemes. , 2020, , .		1
26	An Advanced Black-Box Adversarial Attack for Deep Driving Maneuver Classification Models. , 2020, , .		5
27	Data Collection with Accuracy-Aware Congestion Control in Sensor Networks. IEEE Transactions on Mobile Computing, 2019, 18, 1068-1082.	3.9	23
28	JobPacker. , 2019, , .		1
29	STAG-Based QoS Support Routing Strategy for Multiple Missions Over the Satellite Networks. IEEE Transactions on Communications, 2019, 67, 6912-6924.	4.9	50
30	Memory/Disk Operation Aware Lightweight VM Live Migration Across Data-centers with Low Performance Impact. , 2019, , .		14
31	Machine Learning based Timeliness-Guaranteed and Energy-Efficient Task Assignment in Edge Computing Systems. , 2019, , .		19
32	Task Failure Prediction in Cloud Data Centers Using Deep Learning. , 2019, , .		99
33	Performance Modeling and Verification of Load Balancing in Cloud Systems Using Formal Methods. , 2019, , .		0
34	MobiAmbulance: Optimal Scheduling of Emergency Vehicles in Catastrophic Situations. , 2019, , .		3
35	Distributed Vehicle Trajectory Tracking for Efficient Routing in VDTNs. , 2019, , .		1
36	Vehicle Routing Trifecta: Data-Driven Route Recommendation System. , 2019, , .		5

#	ARTICLE	IF	CITATIONS
37	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
38	SPread: Exploiting Fractal Social Community for Efficient Multi-Copy Routing in Taxi VDTNs. IEEE Transactions on Network Science and Engineering, 2019, 6, 871-884.	4.1	1
39	Greedyflow: Distributed greedy packet routing between landmarks in DTNs. Ad Hoc Networks, 2019, 83, 168-181.	3.4	4
40	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
41	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
42	Towards Green Wireless Networking: Fading-Resistant Time Constraint Broadcasts Using Cooperative Communication. IEEE Transactions on Network Science and Engineering, 2019, 6, 548-561.	4.1	0
43	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
44	AutoTune: Game-Based Adaptive Bitrate Streaming in Cloud-Based Hybrid VoD Systems. IEEE Transactions on Services Computing, 2019, 12, 519-533.	3.2	5
45	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
46	CompVM: A Complementary VM Allocation Mechanism for Cloud Systems. IEEE/ACM Transactions on Networking, 2018, 26, 1348-1361.	2.6	18
47	Energy-efficient Tasks Scheduling Heuristics with Multi-constraints in Virtualized Clouds. Journal of Grid Computing, 2018, 16, 459-475.	2.5	21
48	Toward Efficient Short-Video Sharing in the YouTube Social Network. ACM Transactions on Internet Technology, 2018, 18, 1-25.	3.0	5
49	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
50	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
51	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
52	Characterizing Data Deliverability of Greedy Routing in Wireless Sensor Networks. IEEE Transactions on Mobile Computing, 2018, 17, 543-559.	3.9	20
53	Leveraging Dependency in Scheduling and Preemption for High Throughput in Data-Parallel Clusters. , 2018, , .		3
54	Cloud-Based Collision-Aware Energy-Minimization Vehicle Velocity Optimization. , 2018, , .		0

#	ARTICLE	IF	CITATIONS
55	Proactive Incast Congestion Control in a Datacenter Serving Web Applications. , 2018, , .		13
56	A Data-Driven Misbehavior Detection System for Connected Autonomous Vehicles. , 2018, 2, 1-21.		18
57	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
58	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
59	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
60	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
61	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
62	Scheduling internet of things applications in cloud computing. Annales Des Telecommunications/Annals of Telecommunications, 2017, 72, 79-93.	1.6	40
63	Exploiting Efficient Densest Subgraph Discovering Methods for Big Data. IEEE Transactions on Big Data, 2017, 3, 334-348.	4.4	4
64	Minimum-Cost Cloud Storage Service Across Multiple Cloud Providers. IEEE/ACM Transactions on Networking, 2017, 25, 2498-2513.	2.6	29
65	Prediction-based redundant data elimination with content overhearing in wireless networks. , 2017, , .		2
66	Towards Long-View Computing Load Balancing in Cluster Storage Systems. IEEE Transactions on Parallel and Distributed Systems, 2017, 28, 1770-1784.	4.0	5
67	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
68	Quick and Autonomous Platoon Maintenance in Vehicle Dynamics For Distributed Vehicle Platoon Networks. , 2017, , .		7
69	Load-aware and congestion-free state management in network function virtualization. , 2017, , .		4
70	SPread: Exploiting fractal social community For efficient multi-coPy routing in VDTNs. , 2017, , .		1
71	Energy management of end users modeling their reaction from a GENCO's point of view. , 2017, , .		6
72	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

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73	Swarm-based Incast Congestion Control in Datacenters Serving Web Applications. , 2017, , .		11
74	Distributed Privacy-Protecting Routing in DTN: Concealing the Information Indispensable in Routing. , 2017, , .		2
75	Power Distribution Scheduling for Electric Vehicles in Wireless Power Transfer Systems. , 2017, , .		8
76	SocialQ&A: An Online Social Network Based Question and Answer System. IEEE Transactions on Big Data, 2017, 3, 91-106.	4.4	16
77	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
78	Healthedge: Task Scheduling for Edge Computing with Health Emergency and Human Behavior Consideration in Smart Homes. , 2017, , .		6
79	HealthEdge: Task scheduling for edge computing with health emergency and human behavior consideration in smart homes. , 2017, , .		26
80	CStorage: An efficient classification-based image storage system in cloud datacenters. , 2017, , .		0
81	Considering resource demand misalignments to reduce resource over-provisioning in cloud datacenters. , 2017, , .		14
82	CatCharger: Deploying wireless charging lanes in a metropolitan road network through categorization and clustering of vehicle traffic. , 2017, , .		32
83	Distributed Autonomous Virtual Resource Management in Datacenters Using Finite-Markov Decision Process. IEEE/ACM Transactions on Networking, 2017, 25, 3836-3849.	2.6	18
84	Fading-Resistant Link Scheduling in Wireless Networks. , 2017, , .		5
85	Cooperative distributed energy scheduling for smart homes applying stochastic model predictive control. , 2017, , .		20
86	Exploiting Active Sub-areas for Multi-copy Routing in VDTNs. IEEE Transactions on Vehicular Technology, 2017, , 1-1.	3.9	7
87	Comparing application performance on HPC-based Hadoop platforms with local storage and dedicated storage. , 2016, , .		7
88	Towards Green Transportation: Fast Vehicle Velocity Optimization for Fuel Efficiency. , 2016, , .		7
89	A Low-Cost Multi-failure Resilient Replication Scheme for High Data Availability in Cloud Storage. , 2016, , .		24
90	A popularity-aware cost-effective replication scheme for high data durability in cloud storage. , 2016, , .		14

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91	Towards resource-efficient cloud systems: Avoiding over-provisioning in demand-prediction based resource provisioning. , 2016, , .		8
92	Probabilistic Network-Aware Task Placement for MapReduce Scheduling. , 2016, , .		22
93	CatCharge: Deploying wireless charging lane in metropolitan scale through categorization and clustering of vehicle mobility. , 2016, , .		0
94	Cache contention aware Virtual Machine placement and migration in cloud datacenters. , 2016, , .		18
95	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
96	Dependency-Aware and Resource-Efficient Scheduling for Heterogeneous Jobs in Clouds. , 2016, , .		20
97	Towards Deadline Guaranteed Cloud Storage Services. , 2016, , .		3
98	Game Theory-Based Nonlinear Bandwidth Pricing for Congestion Control in Cloud Networks. , 2016, , .		0
99	Goodbye to Fixed Bandwidth Reservation: Job Scheduling with Elastic Bandwidth Reservation in Clouds. , 2016, , .		14
100	Performance Measurement on Scale-Up and Scale-Out Hadoop with Remote and Local File Systems. , 2016, , .		8
101	On-Demand Bandwidth Pricing for Congestion Control in Core Switches in Cloud Networks. , 2016, , .		9
102	TOP: Vehicle Trajectory Based Driving Speed Optimization Strategy for Travel Time Minimization and Road Congestion Avoidance. , 2016, , .		17
103	CORP: Cooperative Opportunistic Resource Provisioning for Short-Lived Jobs in Cloud Systems. , 2016, , .		18
104	A Decentralized Network with Fast and Lightweight Autonomous Channel Selection in Vehicle Platoons for Collision Avoidance. , 2016, , .		12
105	DIAL: A Distributed Adaptive-Learning Routing Method in VDTNs. , 2016, , .		6
106	VShare: A Wireless Social Network Aided Vehicle Sharing System Using Hierarchical Cloud Architecture. , 2016, , .		12
107	Minimum-Cost Cloud Storage Service Across Multiple Cloud Providers. , 2016, , .		6
108	Link Scheduling in Cooperative Communication with SINR-Based Interference. , 2016, , .		0

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109	Probabilistic demand allocation for cloud service brokerage. , 2016, , .		17
110	An Efficient Wireless Power Transfer System to Balance the State of Charge of Electric Vehicles. , 2016, , .		19
111	A Survey of Mobile Crowdsensing Techniques: A Critical Component for the Internet of Things. , 2016, , .		57
112	Energy Scheduling for a Smart Home Applying Stochastic Model Predictive Control. , 2016, , .		21
113	Learning Network Graph of SIR Epidemic Cascades Using Minimal Hitting Set Based Approach. , 2016, , .		6
114	MobiSensing: Exploiting Human Mobility for Multi-application Mobile Data Sensing with Low User Intervention. , 2016, , .		0
115	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
116	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
117	Mining connected global and local dense subgraphs for bigdata. International Journal of Modern Physics C, 2016, 27, 1650072.	0.8	7
118	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
119	A locality-aware similar information searching scheme. International Journal on Digital Libraries, 2016, 17, 79-93.	1.1	4
120	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
121	Low-Latency Multi-Flow Cooperative Broadcast in Fading Wireless Networks. IEEE Transactions on Computers, 2016, 65, 1802-1815.	2.4	2
122	Deadline Guaranteed Service for Multi-Tenant Cloud Storage. IEEE Transactions on Parallel and Distributed Systems, 2016, 27, 2851-2865.	4.0	8
123	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
124	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
125	Freeweb: P2P-Assisted Collaborative Censorship-Resistant Web Browsing. IEEE Transactions on Parallel and Distributed Systems, 2016, 27, 3226-3241.	4.0	2
126	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



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127	Enhancing Collusion Resilience in Reputation Systems. IEEE Transactions on Parallel and Distributed Systems, 2016, 27, 2274-2287.	4.0	13
128	DSearching: Using Floating Mobility Information for Distributed Node Searching in DTNs. IEEE Transactions on Mobile Computing, 2016, 15, 121-136.	3.9	9
129	Deadline guaranteed service for multi-tenant cloud storage. , 2015, , .		3
130	Link Scheduling in Wireless Cooperative Communication Networks. , 2015, , .		0
131	Energy-Efficient and Delay-Constrained Broadcast in Time-Varying Energy-Demand Graphs. , 2015, , .		0
132	Fine-Grained Encountering Information Collection under Neighbor Anonymity in Mobile Opportunistic Social Networks. , 2015, , .		4
133	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
134	Characterizing data deliverability of greedy routing in wireless sensor networks. , 2015, , .		18
135	Exploiting Active Sub-Areas for Multi-Copy Routing in VDTNs. , 2015, , .		10
136	iASK: a distributed Q&A system incorporating social community and global collective intelligence. , 2015, , .		1
137	Discovering the Densest Subgraph in MapReduce for Assortative Big Natural Graphs. , 2015, , .		5
138	Towards green cloud computing: Demand allocation and pricing policies for cloud service brokerage. , 2015, , .		8
139	Sociallink: utilizing social network and transaction links for effective trust management in P2P file sharing systems. , 2015, , .		6
140	SocialQ&#38;A: An Online Social Network Based Question and Answer System. , 2015, , .		5
141	Designing a Hybrid Scale-Up/Out Hadoop Architecture Based on Performance Measurements for High Application Performance. , 2015, , .		19
142	Cloud Fog: Towards High Quality of Experience in Cloud Gaming. , 2015, , .		37
143	Profiling and Understanding Virtualization Overhead in Cloud. , 2015, , .		20
144	Computing load aware and long-view load balancing for cluster storage systems. , 2015, , .		7

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145	Congestion-adaptive data collection with accuracy guarantee in cyber-physical systems. , 2015, , .		3
146	Harnessing the Power of Multiple Cloud Service Providers: An Economical and SLA-Guaranteed Cloud Storage Service. , 2015, , .		1
147	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
148	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
149	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
150	SCPS: A Social-Aware Distributed Cyber-Physical Human-Centric Search Engine. IEEE Transactions on Computers, 2015, 64, 518-532.	2.4	24
151	A time-efficient connected densest subgraph discovery algorithm for big data. , 2015, , .		5
152	TSearch: Target-oriented low-delay node searching in DTNs with social network properties. , 2015, , .		10
153	EAFR: An Energy-Efficient Adaptive File Replication System in Data-Intensive Clusters. , 2015, , .		5
154	Leveraging Fog to Extend Cloud Gaming for Thin-Client MMOG with High Quality of Experience. , 2015, , .		21
155	EcoFlow: An Economical and Deadline-Driven Inter-datacenter Video Flow Scheduling System. , 2015, , .		0
156	A Social-Network-Aided Efficient Peer-to-Peer Live Streaming System. IEEE/ACM Transactions on Networking, 2015, 23, 987-1000.	2.6	17
157	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
158	An Efficient and Trustworthy P2P and Social Network Integrated File Sharing System. IEEE Transactions on Computers, 2015, 64, 54-70.	2.4	23
159	Maximizing P2P File Access Availability in Mobile Ad Hoc Networks through Replication for Efficient File Sharing. IEEE Transactions on Computers, 2015, 64, 1029-1042.	2.4	24
160	DTN-FLOW: Inter-Landmark Data Flow for High-Throughput Routing in DTNs. IEEE/ACM Transactions on Networking, 2015, 23, 212-226.	2.6	23
161	A Proximity-Aware Interest-Clustered P2P File Sharing System. IEEE Transactions on Parallel and Distributed Systems, 2015, 26, 1509-1523.	4.0	13
162	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

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163	A Hierarchical Account-Aided Reputation Management System for MANETs. IEEE/ACM Transactions on Networking, 2015, 23, 70-84.	2.6	15
164	Knowledge Sharing in the Online Social Network of Yahoo! Answers and Its Implications. IEEE Transactions on Computers, 2014, , 1-1.	2.4	17
165	SmartQ: A question and answer system for supplying high-quality and trustworthy answers. , 2014, , .		3
166	Measuring and Evaluating Live Content Consistency in a Large-Scale CDN. , 2014, , .		3
167	DSearching: Distributed searching of mobile nodes in DTNs with floating mobility information. , 2014, , .		7
168	Bandwidth Guarantee under Demand Uncertainty in Multi-tenant Clouds. , 2014, , .		24
169	Distributed Autonomous Virtual Resource Management in Datacenters Using Finite-Markov Decision Process. , 2014, , .		20
170	An Interest-Based Per-Community P2P Hierarchical Structure for Short Video Sharing in the YouTube Social Network. , 2014, , .		6
171	A QoS-Oriented Distributed Routing Protocol for Hybrid Wireless Networks. IEEE Transactions on Mobile Computing, 2014, 13, 693-708.	3.9	23
172	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
173	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
174	Secure Continuous Aggregation in Wireless Sensor Networks. IEEE Transactions on Parallel and Distributed Systems, 2014, 25, 762-774.	4.0	8
175	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
176	Leveraging Social Networks for P2P Content-Based File Sharing in Disconnected MANETs. IEEE Transactions on Mobile Computing, 2014, 13, 235-249.	3.9	82
177	Efficient Data Collection for Large-Scale Mobile Monitoring Applications. IEEE Transactions on Parallel and Distributed Systems, 2014, 25, 1424-1436.	4.0	22
178	Energy-efficient cooperative broadcast in fading wireless networks. , 2014, , .		9
179	Consolidating complementary VMs with spatial/temporal-awareness in cloud datacenters. , 2014, , .		72
180	RIAL: Resource Intensity Aware Load balancing in clouds. , 2014, , .		45

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181	New bandwidth sharing and pricing policies to achieve a win-win situation for cloud provider and tenants. , 2014, , .		23
182	SOS: A Distributed Mobile Q&A SystemBased on Social Networks. IEEE Transactions on Parallel and Distributed Systems, 2014, 25, 1066-1077.	4.0	11
183	Token list based information search in a multi-dimensional massive database. Journal of Intelligent Information Systems, 2014, 42, 567-594.	2.8	0
184	SocialTube: P2P-Assisted Video Sharing in Online Social Networks. IEEE Transactions on Parallel and Distributed Systems, 2014, 25, 2428-2440.	4.0	27
185	SMART: Utilizing Distributed Social Map for Lightweight Routing in Delay-Tolerant Networks. IEEE/ACM Transactions on Networking, 2014, 22, 1545-1558.	2.6	20
186	ALERT: An Anonymous Location-Based Efficient Routing Protocol in MANETs. IEEE Transactions on Mobile Computing, 2013, 12, 1079-1093.	3.9	81
187	A direction-based geographic routing scheme for intermittently connected mobile networks. International Journal of Parallel, Emergent and Distributed Systems, 2013, 28, 449-474.	0.7	1
188	A Lightweight and Cooperative Multifactor Considered File Replication Method in Structured P2P Systems. IEEE Transactions on Computers, 2013, 62, 2115-2130.	2.4	17
189	SEDUM: Exploiting Social Networks in Utility-Based Distributed Routing for DTNs. IEEE Transactions on Computers, 2013, 62, 83-97.	2.4	38
190	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
191	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
192	A Social Network Integrated Reputation System for Cooperative P2P File Sharing. , 2013, , .		2
193	DTN-FLOW: Inter-Landmark Data Flow for High-Throughput Routing in DTNs. , 2013, , .		14
194	CEDAR: An optimal and distributed strategy for packet recovery in wireless networks. , 2013, , .		4
195	Multicent: A multifunctional incentive scheme adaptive to diverse performance objectives for DTN routing. , 2013, , .		14
196	Selective Data replication for Online Social Networks with Distributed Datacenters. , 2013, , .		39
197	A Delaunay-Based Coordinate-Free Mechanism for Full Coverage in Wireless Sensor Networks. , 2012, , .		2
198	SMART: Lightweight distributed Social Map based Routing in Delay Tolerant Networks. , 2012, , .		11

#	ARTICLE	IF	CITATIONS
199	MDR: A P2P-based market-guided distributed routing mechanism for high-throughput hybrid wireless networks. , 2012, , .		2
200	Cooperative end-to-end traffic redundancy elimination for reducing cloud bandwidth cost. , 2012, , .		6
201	Toward P2P-Based Multimedia Sharing in User Generated Contents. IEEE Transactions on Parallel and Distributed Systems, 2012, 23, 966-975.	4.0	7
202	Game-Theoretic Analysis of Cooperation Incentive Strategies in Mobile Ad Hoc Networks. IEEE Transactions on Mobile Computing, 2012, 11, 1287-1303.	3.9	129
203	An efficient and trustworthy P2P and social network integrated file sharing system. , 2012, , .		5
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