

Yuanyuan Yang

List of Publications by Year in descending order

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446
papers

8,565
citations

76196

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88477

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g-index

451
all docs

451
docs citations

451
times ranked

5427
citing authors

#	ARTICLE	IF	CITATIONS
1	NVM-enhanced Machine Learning Inference in 6G Edge Computing. IEEE Transactions on Network Science and Engineering, 2024, , 1-1.	4.1	3
2	Design and Optimization of Solar-Powered Shared Electric Autonomous Vehicle System for Smart Cities. IEEE Transactions on Mobile Computing, 2023, 22, 2053-2068.	3.9	5
3	Profit Sharing for Data Producer and Intermediate Parties in Data Trading over Pervasive Edge Computing Environments. IEEE Transactions on Mobile Computing, 2023, 22, 429-442.	3.9	2
4	Efficient Dependent Task Offloading for Multiple Applications in MEC-Cloud System. IEEE Transactions on Mobile Computing, 2023, 22, 2147-2162.	3.9	29
5	Deep Reinforcement Learning Based Approach for Online Service Placement and Computation Resource Allocation in Edge Computing. IEEE Transactions on Mobile Computing, 2023, 22, 3870-3881.	3.9	12
6	Economical Behavior Modeling and Analyses for Data Collection in Edge Internet of Things Networks. ACM Transactions on Sensor Networks, 2023, 19, 1-27.	2.3	2
7	A coarse-to-fine ghost removal scheme for HDR imaging. Visual Computer, 2023, 39, 2515-2528.	2.5	2
8	SDN-Based Traffic Matrix Estimation in Data Center Networks through Large Size Flow Identification. IEEE Transactions on Cloud Computing, 2022, 10, 675-690.	3.1	14
9	Energy-Efficient Device Activation, Rule Installation and Data Transmission in Software Defined DCNs. IEEE Transactions on Cloud Computing, 2022, 10, 396-410.	3.1	4
10	Online Service Function Chain Placement for Cost-Effectiveness and Network Congestion Control. IEEE Transactions on Computers, 2022, 71, 27-39.	2.4	8
11	k-Level Truthful Incentivizing Mechanism and Generalized k-MAB Problem. IEEE Transactions on Computers, 2022, 71, 1724-1739.	2.4	2
12	Resource Allocation and Consensus of Blockchains in Pervasive Edge Computing Environments. IEEE Transactions on Mobile Computing, 2022, 21, 3298-3311.	3.9	15
13	A Near-Optimal Approach for Online Task Offloading and Resource Allocation in Edge-Cloud Orchestrated Computing. IEEE Transactions on Mobile Computing, 2022, 21, 2687-2700.	3.9	12
14	Consortium Blockchain-Based Public Integrity Verification in Cloud Storage for IoT. IEEE Internet of Things Journal, 2022, 9, 3978-3987.	5.5	14
15	Reducing the Service Function Chain Backup Cost Over the Edge and Cloud by a Self-Adapting Scheme. IEEE Transactions on Mobile Computing, 2022, 21, 2994-3008.	3.9	18
16	Online Pricing and Trading of Private Data in Correlated Queries. IEEE Transactions on Parallel and Distributed Systems, 2022, 33, 569-585.	4.0	9
17	VQL: Efficient and Verifiable Cloud Query Services for Blockchain Systems. IEEE Transactions on Parallel and Distributed Systems, 2022, 33, 1393-1406.	4.0	45
18	Pistis: Issuing Trusted and Authorized Certificates With Distributed Ledger and TEE. IEEE Transactions on Parallel and Distributed Systems, 2022, 33, 1636-1649.	4.0	7

#	ARTICLE	IF	CITATIONS
19	TODG: Distributed Task Offloading With Delay Guarantees for Edge Computing. IEEE Transactions on Parallel and Distributed Systems, 2022, 33, 1650-1665.	4.0	36
20	Content Caching-Enhanced Computation Offloading in Mobile Edge Service Networks. IEEE Transactions on Vehicular Technology, 2022, 71, 872-886.	3.9	11
21	Characterizing the Multicast Nature of Malicious Flows in CCN via SIS Epidemic Model. IEEE Systems Journal, 2022, 16, 2240-2250.	2.9	1
22	A Reputation-Based Mechanism for Transaction Processing in Blockchain Systems. IEEE Transactions on Computers, 2022, 71, 2423-2434.	2.4	4
23	Adaptive Access Selection Algorithm for Multi-Service in 5G Heterogeneous Internet of Things. IEEE Transactions on Network Science and Engineering, 2022, 9, 1630-1644.	4.1	11
24	POTAM: A Parallel Optimal Task Allocation Mechanism for Large-Scale Delay Sensitive Mobile Edge Computing. IEEE Transactions on Communications, 2022, 70, 2499-2517.	4.9	9
25	Privacy-Preserving and Low-Latency Federated Learning in Edge Computing. IEEE Internet of Things Journal, 2022, 9, 20149-20159.	5.5	9
26	Distributed Pricing and Bandwidth Allocation in Crowdsourced Wireless Community Networks. IEEE Transactions on Mobile Computing, 2022, , 1-1.	3.9	1
27	Cloud Object Storage Synchronization: Design, Analysis, and Implementation. IEEE Transactions on Parallel and Distributed Systems, 2022, , 1-16.	4.0	0
28	Joint Resource Management and Flow Scheduling for SFC Deployment in Hybrid Edge-and-Cloud Network. , 2022, , .		13
29	Provably Efficient Algorithms for Traffic-sensitive SFC Placement and Flow Routing. , 2022, , .		6
30	Distributed Cooperative Caching in Unreliable Edge Environments. , 2022, , .		2
31	Enabling QoE Support for Interactive Applications over Mobile Edge with High User Mobility. , 2022, , .		9
32	Leveraging Multi-rate Multicast for Content Caching and Transmission Rate Allocation in Cache-Enabled Networks. Journal of Network and Systems Management, 2022, 30, .	3.3	1
33	Incentive Facilitation for Peer Data Exchange in Crowdsensing. IEEE Transactions on Cloud Computing, 2021, 9, 1493-1506.	3.1	1
34	Towards Fine-Grained Access Control in Enterprise-Scale Internet-of-Things. IEEE Transactions on Mobile Computing, 2021, 20, 2701-2714.	3.9	11
35	Towards Efficient Scheduling of Federated Mobile Devices Under Computational and Statistical Heterogeneity. IEEE Transactions on Parallel and Distributed Systems, 2021, 32, 394-410.	4.0	46
36	NOSCM: A Novel Offloading Strategy for NOMA-Enabled Hierarchical Small Cell Mobile-Edge Computing. IEEE Internet of Things Journal, 2021, 8, 8107-8118.	5.5	10

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37	Deduplication-Oriented Mutual-Assisted Cooperative Video Upload for Mobile Crowd Sensing. IEEE Transactions on Mobile Computing, 2021, , 1-1.	3.9	0
38	Joint Dynamical VNF Placement and SFC Routing in NFV-Enabled SDNs. IEEE Transactions on Network and Service Management, 2021, 18, 4263-4276.	3.2	26
39	Online Computation Offloading and Resource Scheduling in Mobile-Edge Computing. IEEE Internet of Things Journal, 2021, 8, 6649-6664.	5.5	46
40	Editorial: State of the Transactions on Cloud Computing. IEEE Transactions on Cloud Computing, 2021, 9, 414-417.	3.1	0
41	B-DNS: A Secure and Efficient DNS Based on the Blockchain Technology. IEEE Transactions on Network Science and Engineering, 2021, 8, 1674-1686.	4.1	22
42	CL-ADMM: A Cooperative-Learning-Based Optimization Framework for Resource Management in MEC. IEEE Internet of Things Journal, 2021, 8, 8191-8209.	5.5	6
43	A Novel Proof-of-Reputation Consensus for Storage Allocation in Edge Blockchain Systems. , 2021, , .		5
44	Online Cloud Resource Provisioning Under Cost Budget for QoS Maximization. , 2021, , .		1
45	Design of Self-sustainable Wireless Sensor Networks with Energy Harvesting and Wireless Charging. ACM Transactions on Sensor Networks, 2021, 17, 1-38.	2.3	10
46	Securing middlebox policy enforcement in SDN. Computer Networks, 2021, 193, 108099.	3.2	3
47	Joint SFC Deployment and Resource Management in Heterogeneous Edge for Latency Minimization. IEEE Transactions on Parallel and Distributed Systems, 2021, 32, 2131-2143.	4.0	21
48	Intelligent Network Selection Algorithm for Multiservice Users in 5G Heterogeneous Network System: Nash $\langle i \rangle Q \langle /i \rangle$ -Learning Method. IEEE Internet of Things Journal, 2021, 8, 11877-11890.	5.5	22
49	Collaborative Data Caching and Computation Offloading for Multi-Service Mobile Edge Computing. IEEE Transactions on Vehicular Technology, 2021, 70, 9408-9422.	3.9	44
50	Joint energy optimization on the server and network sides for geo-distributed data centers. Journal of Supercomputing, 2021, 77, 7757-7790.	2.4	3
51	Differentially Private Federated Temporal Difference Learning. IEEE Transactions on Parallel and Distributed Systems, 2021, , 1-1.	4.0	3
52	Near-Optimal Resource Allocation and Virtual Network Function Placement at Network Edges. , 2021, , .		3
53	Sparse random compressive sensing based data aggregation in wireless sensor networks. Concurrency Computation Practice and Experience, 2020, 32, e4455.	1.4	4
54	Fair and Efficient Caching Algorithms and Strategies for Peer Data Sharing in Pervasive Edge Computing Environments. IEEE Transactions on Mobile Computing, 2020, 19, 852-864.	3.9	36

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55	Latency-Aware Adaptive Video Summarization for Mobile Edge Clouds. IEEE Transactions on Multimedia, 2020, 22, 1193-1207.	5.2	12
56	Editorial: A Message from the Incoming Editor-in-Chief. IEEE Transactions on Cloud Computing, 2020, 8, 324-325.	3.1	0
57	Design and Optimization of Electric Autonomous Vehicles with Renewable Energy Source for Smart Cities. , 2020, , .		5
58	Greening Reliability of Virtual Network Functions via Online Optimization. , 2020, , .		5
59	Towards Correlated Queries on Trading of Private Web Browsing History. , 2020, , .		6
60	Reducing the Service Function Chain Backup Cost over the Edge and Cloud by a Self-adapting Scheme. , 2020, , .		31
61	Efficient and Secure Multi-User Multi-Task Computation Offloading for Mobile-Edge Computing in Mobile IoT Networks. IEEE Transactions on Network and Service Management, 2020, 17, 2410-2422.	3.2	98
62	Fair and Protected Profit Sharing for Data Trading in Pervasive Edge Computing Environments. , 2020, , .		5
63	Secure and Verifiable Data Access Control Scheme With Policy Update and Computation Outsourcing for Edge Computing. , 2020, , .		2
64	E-Sharing: Data-driven Online Optimization of Parking Location Placement for Dockless Electric Bike Sharing. , 2020, , .		7
65	Privacy-Preserving Distributed Edge Caching for Mobile Data Offloading in 5G Networks. , 2020, , .		4
66	Energy-Efficient Dynamic Computation Offloading and Cooperative Task Scheduling in Mobile Cloud Computing. IEEE Transactions on Mobile Computing, 2019, 18, 319-333.	3.9	254
67	Network Congestion-aware Online Service Function Chain Placement and Load Balancing. , 2019, , .		14
68	Joint Energy Optimization on the Server and Network Sides for Geo-Distributed Datacenters. , 2019, , .		2
69	Content-Based Hyperbolic Routing and Push Mechanism in Named Data Networking. , 2019, , .		5
70	Incentive Mechanism for Edge Cloud Profit Maximization in Mobile Edge Computing. , 2019, , .		12
71	Rerouting Strategies for Highly Available Virtual Network Functions. IEEE Transactions on Cloud Computing, 2019, , 1-1.	3.1	4
72	Towards privacy-preserving data trading for web browsing history. , 2019, , .		13

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73	\$ALC^{2}\$: When Active Learning Meets Compressive Crowdsensing for Urban Air Pollution Monitoring. IEEE Internet of Things Journal, 2019, 6, 9427-9438.	5.5	33
74	Self-sustainable Sensor Networks with Multi-source Energy Harvesting and Wireless Charging. , 2019, , .		45
75	Energy-Efficient Fair Cooperation Fog Computing in Mobile Edge Networks for Smart City. IEEE Internet of Things Journal, 2019, 6, 7543-7554.	5.5	74
76	IEEE Access Special Section Editorial: Wirelessly Powered Networks: Algorithms, Applications, and Technologies. IEEE Access, 2019, 7, 18994-19001.	2.6	3
77	VFTree: A Versatile Network Architecture for Data Centers. IEEE Transactions on Cloud Computing, 2019, , 1-1.	3.1	0
78	Fine-Grained Flow Scheduling in WDM Optical Cut-Through Switches. , 2019, , .		0
79	Non-stationary Stochastic Network Optimization with Imperfect Estimations. , 2019, , .		4
80	Resource Allocation and Consensus on Edge Blockchain in Pervasive Edge Computing Environments. , 2019, , .		34
81	Joint Online Edge Caching and Load Balancing for Mobile Data Offloading in 5G Networks. , 2019, , .		14
82	When Urban Safety Index Inference Meets Location-Based Data. IEEE Transactions on Mobile Computing, 2019, 18, 2701-2713.	3.9	7
83	Energy-efficient computation offloading and resource allocation for delay-sensitive mobile edge computing. Sustainable Computing: Informatics and Systems, 2019, 21, 154-164.	1.6	43
84	Geomagnetism-Based Indoor Navigation by Offloading Strategy in NB-IoT. IEEE Internet of Things Journal, 2019, 6, 4074-4084.	5.5	21
85	Online task dispatching and pricing for quality-of-service-aware sensing data collection for mobile edge clouds. CCF Transactions on Networking, 2019, 2, 28-42.	1.0	2
86	Static and Mobile Target -Coverage in Wireless Rechargeable Sensor Networks. IEEE Transactions on Mobile Computing, 2019, 18, 2430-2445.	3.9	29
87	Secrecy Energy Efficiency Optimization for Downlink Two-User OFDMA Networks With SWIPT. IEEE Systems Journal, 2019, 13, 324-335.	2.9	16
88	Explore Truthful Incentives for Tasks with Heterogenous Levels of Difficulty in the Sharing Economy. , 2019, , .		4
89	Spectral partitioning and fuzzy C-means based clustering algorithm for big data wireless sensor networks. Eurasip Journal on Wireless Communications and Networking, 2018, 2018, .	1.5	37
90	RE-FPR: flow preemption routing scheme with redundancy elimination in Software Defined Data Center Networks. Sustainable Computing: Informatics and Systems, 2018, 18, 14-24.	1.6	4

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91	A Novel Network Structure with Power Efficiency and High Availability for Data Centers. IEEE Transactions on Parallel and Distributed Systems, 2018, 29, 254-268.	4.0	16
92	Traffic Load Minimization in Software Defined Wireless Sensor Networks. IEEE Internet of Things Journal, 2018, 5, 1370-1378.	5.5	35
93	Energy Efficiency Maximization in Mobile Wireless Energy Harvesting Sensor Networks. IEEE Transactions on Mobile Computing, 2018, 17, 1524-1537.	3.9	72
94	CSI Amplitude Fingerprinting-Based NB-IoT Indoor Localization. IEEE Internet of Things Journal, 2018, 5, 1494-1504.	5.5	119
95	MCL: A Cost-Efficient Nonblocking Multicast Interconnection Network. IEEE Transactions on Parallel and Distributed Systems, 2018, 29, 2046-2058.	4.0	5
96	Tomogravity space based traffic matrix estimation in data center networks. Future Generation Computer Systems, 2018, 86, 39-50.	4.9	4
97	RRect: A Novel Server-Centric Data Center Network with High Power Efficiency and Availability. IEEE Transactions on Cloud Computing, 2018, , 1-1.	3.1	11
98	Resource Allocation and Admission Control for an Energy Harvesting Cooperative OFDMA Network. IEEE Transactions on Vehicular Technology, 2018, 67, 4071-4086.	3.9	11
99	Relay Selection and Power Allocation for Cooperative Communication Networks With Energy Harvesting. IEEE Systems Journal, 2018, 12, 735-746.	2.9	29
100	Relay Cooperation and Outage Analysis in Cognitive Radio Networks With Energy Harvesting. IEEE Systems Journal, 2018, 12, 2129-2140.	2.9	27
101	Optimal Target Secrecy Rate and Power Allocation Policy for a SWIPT System Over a Fading Wiretap Channel. IEEE Systems Journal, 2018, 12, 3291-3302.	2.9	10
102	Combining Solar Energy Harvesting with Wireless Charging for Hybrid Wireless Sensor Networks. IEEE Transactions on Mobile Computing, 2018, 17, 560-576.	3.9	155
103	CrowdGIS: Updating Digital Maps via Mobile Crowdsensing. IEEE Transactions on Automation Science and Engineering, 2018, 15, 369-380.	3.4	29
104	A quick-response framework for multi-user computation offloading in mobile cloud computing. Future Generation Computer Systems, 2018, 81, 166-176.	4.9	35
105	Achieving verifiable, dynamic and efficient auditing for outsourced database in cloud. Journal of Parallel and Distributed Computing, 2018, 112, 97-107.	2.7	17
106	Placement of Highly Available Virtual Network Functions Through Local Rerouting. , 2018, , .		9
107	Modeling Dishonest Behavior in Mobile Data Gathering Over Leasing Residential Sensor Networks. , 2018, , .		1
108	Adaptively Fitting Network Topologies to Traffic Locality in Clos-Type Data Center Networks. , 2018, , .		0

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109	Optimal Travel Route Designing in Wireless Sensor Networks with Mobile Sink. , 2018, , .		2
110	A Stackelberg Game Framework for Mobile Data Gathering in Leasing Residential Sensor Networks. , 2018, , .		5
111	Peer Data Caching Algorithms in Large-Scale High-Mobility Pervasive Edge Computing Environments. , 2018, , .		1
112	Partial Rerouting for High-Availability and Low-Cost Service Function Chain. , 2018, , .		4
113	VCN: Versatile Clos-Type Networks for Traffic Locality in Data Centers. , 2018, , .		0
114	Fitted Fat-Tree for Localized Traffic in Data Center Networks. , 2018, , .		0
115	Heracles: Scalable, Fine-Grained Access Control for Internet-of-Things in Enterprise Environments. , 2018, , .		14
116	A Raspberry Pi Based Data-Centric MAC for Robust Multicast in Vehicular Network. , 2018, , .		2
117	Fastlane-ing more flows with less bandwidth for software-Defined networking. Computer Networks, 2018, 147, 98-111.	3.2	2
118	FlowCloak: Defeating Middlebox-Bypass Attacks in Software-Defined Networking. , 2018, , .		12
119	Two-layer compressive sensing based video encoding and decoding framework for WMSN. Journal of Network and Computer Applications, 2018, 117, 72-85.	5.8	5
120	Application and Analysis of Multicast Blocking Modelling in Fat-Tree Data Center Networks. Complexity, 2018, 2018, 1-12.	0.9	2
121	Software-Defined Firewall. , 2018, , .		4
122	Analysis of malicious flows via SIS epidemic model in CCN. , 2018, , .		6
123	Virtual Network Embedding in Hybrid Data Center Networks with Over-Subscription. , 2018, , .		0
124	Placement of Virtual Network Functions in Hybrid Data Center Networks. IEEE Transactions on Multi-Scale Computing Systems, 2018, 4, 861-873.	2.5	5
125	An Interest Shaping Mechanism in NDN: Joint Congestion Control and Traffic Management. , 2018, , .		5
126	Indoor Floor Plan Construction Through Sensing Data Collected From Smartphones. IEEE Internet of Things Journal, 2018, 5, 4351-4364.	5.5	15

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127	A Novel Framework of Multi-Hop Wireless Charging for Sensor Networks Using Resonant Repeaters. IEEE Transactions on Mobile Computing, 2017, 16, 617-633.	3.9	24
128	A Load Balancing and Multi-Tenancy Oriented Data Center Virtualization Framework. IEEE Transactions on Parallel and Distributed Systems, 2017, 28, 2131-2144.	4.0	34
129	Flexible, Fine Grained Access Control for Internet of Things. , 2017, , .		7
130	Blocking cost-driven multicast scheduling in fat-tree data center networks. Concurrency Computation Practice and Experience, 2017, 29, e4166.	1.4	2
131	Deterministic binary matrix based compressive data aggregation in big data WSNs. Telecommunication Systems, 2017, 66, 345-356.	1.6	6
132	A fine-grained indoor fingerprinting localization based on magnetic field strength and channel state information. Pervasive and Mobile Computing, 2017, 41, 150-165.	2.1	43
133	Multicast Scheduling with Markov Chains in Fat-Tree Data Center Networks. , 2017, , .		2
134	Leveraging Target k-Coverage in Wireless Rechargeable Sensor Networks. , 2017, , .		21
135	Content Centric Peer Data Sharing in Pervasive Edge Computing Environments. , 2017, , .		28
136	A General Purpose Testbed for Mobile Data Gathering in Wireless Sensor Networks and a Case Study. , 2017, , .		0
137	Fair Caching Algorithms for Peer Data Sharing in Pervasive Edge Computing Environments. , 2017, , .		41
138	Online Pricing for Efficient Renewable Energy Sharing in a Sustainable Microgrid. Computer Journal, 2017, , .	1.5	2
139	An autonomous compensation game to facilitate peer data exchange in crowdsensing. , 2017, , .		0
140	Virtual Network Embedding in Hybrid Data Centers. , 2017, , .		0
141	RCube: A Power Efficient and Highly Available Network for Data Centers. , 2017, , .		2
142	FFTree: A flexible architecture for data center networks towards configurability and cost efficiency. , 2017, , .		3
143	Multicast scheduling algorithm in software defined fat-tree data center networks. , 2017, , .		0
144	Pervasive edge data sharing in MANET. , 2017, , .		0

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145	Placement of Virtual Network Functions in Hybrid Data Center Networks. , 2017, , .		2
146	A Cost Efficient Multicast Nonblocking Interconnection Network. , 2017, , .		0
147	Embedding Virtual Network in Data Center Networks with Wireless Links. , 2017, , .		0
148	Coherency Routing Algorithm with Redundancy Elimination in Software Defined Data Center Networks. , 2017, , .		0
149	Energy Efficiency Maximization for WSNs with Simultaneous Wireless Information and Power Transfer. Sensors, 2017, 17, 1906.	2.1	24
150	Spectral Partitioning and Fuzzy C-Means Based Clustering Algorithm for Wireless Sensor Networks. Lecture Notes in Computer Science, 2017, , 161-174.	1.0	0
151	Holistic Reality Examination on Practical Challenges in a Mobile CrowdSensing Application. , 2016, , .		1
152	Incentive Design for Air Pollution Monitoring Based on Compressive Crowdsensing. , 2016, , .		14
153	An Optimization Framework of Target Secrecy Rate and Power Allocation for SWIPT System. , 2016, , .		2
154	Data Aggregation with Principal Component Analysis in Big Data Wireless Sensor Networks. , 2016, , .		8
155	Hermes: An Optimization of HyperLogLog Counting in real-time data processing. , 2016, , .		2
156	MRDC: Multicast Data Restoration in Fat-Tree Data Center Networks. , 2016, , .		0
157	Lifting Wavelet Compression Based Data Aggregation in Big Data Wireless Sensor Networks. , 2016, , .		9
158	Distributed Optimal Source Coding Rate Allocation for Data Aggregation in Wireless Sensor Networks. , 2016, , .		1
159	History-based multi-node collaborative localization in mobile wireless ad hoc networks. , 2016, , .		2
160	RRect: A Novel Server-centric Data Center Network with High Availability. , 2016, , .		1
161	Efficient Virtual Network Embedding for Variable Size Virtual Machines in Fat-Tree Data Centers. , 2016, , .		2
162	A hybrid framework combining solar energy harvesting and wireless charging for wireless sensor networks. , 2016, , .		51

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163	A recursively constructed low-cost interconnect. , 2016, , .		2
164	A data center virtualization framework towards load balancing and multi-tenancy. , 2016, , .		1
165	Automatic construction of garage maps for future vehicle navigation service. , 2016, , .		2
166	Energy-efficient dynamic offloading and resource scheduling in mobile cloud computing. , 2016, , .		260
167	Energy-Efficient Cooperative Transmission for SWIPT in Wireless Sensor Networks. , 2016, , 253-281.		0
168	A novel radio map construction method to reduce collection effort for indoor localization. Measurement: Journal of the International Measurement Confederation, 2016, 94, 423-431.	2.5	25
169	Long-Term Renewable Energy Usage Maximization in a Microgrid. , 2016, , .		0
170	Relay selection and outage analysis in cooperative cognitive radio networks with energy harvesting. , 2016, , .		11
171	BCCC: An Expandable Network for Data Centers. IEEE/ACM Transactions on Networking, 2016, 24, 3740-3755.	2.6	25
172	TCPJGNC: A transport control protocol based on network coding for multi-hop cognitive radio networks. Computer Communications, 2016, 79, 9-21.	3.1	3
173	Placement and Performance Analysis of Virtual Multicast Networks in Fat-Tree Data Center Networks. IEEE Transactions on Parallel and Distributed Systems, 2016, 27, 3013-3028.	4.0	14
174	GBC3: A Versatile Cube-Based Server-Centric Network for Data Centers. IEEE Transactions on Parallel and Distributed Systems, 2016, 27, 2895-2910.	4.0	25
175	Processing secure, verifiable and efficient SQL over outsourced database. Information Sciences, 2016, 348, 163-178.	4.0	28
176	A Mobile Data Gathering Framework for Wireless Rechargeable Sensor Networks with Vehicle Movement Costs and Capacity Constraints. IEEE Transactions on Computers, 2016, 65, 2411-2427.	2.4	126
177	An Optimization Framework for Mobile Data Collection in Energy-Harvesting Wireless Sensor Networks. IEEE Transactions on Mobile Computing, 2016, 15, 2969-2986.	3.9	54
178	Secure Cloud Storage Meets with Secure Network Coding. IEEE Transactions on Computers, 2016, 65, 1936-1948.	2.4	54
179	Link-Layer Multicast in Large-Scale 802.11n Wireless LANs with Smart Antennas. IEEE Transactions on Computers, 2016, 65, 2118-2133.	2.4	5
180	Combined channel assignment and network coded opportunistic routing in cognitive radio networks. Computers and Electrical Engineering, 2016, 52, 293-306.	3.0	13

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181	DaGCM: A Concurrent Data Uploading Framework for Mobile Data Gathering in Wireless Sensor Networks. IEEE Transactions on Mobile Computing, 2016, 15, 610-626.	3.9	18
182	Joint Mobile Energy Replenishment with Wireless Power Transfer and Mobile Data Gathering in Wireless Rechargeable Sensor Networks. , 2016, , 667-700.		1
183	Joint Design of Solar Energy Harvesting with Wireless Charging. , 2016, , 645-666.		0
184	Recharge Scheduling with Multiple Mobile Chargers. , 2016, , 331-353.		0
185	Improve Charging Distance with Resonant Repeaters. , 2016, , 561-584.		0
186	Network Coding in Application Layer Multicast. , 2016, , 117-177.		1
187	Replication attack detection with monitor nodes in clustered wireless sensor networks. , 2015, , .		8
188	ResAll: Energy efficiency maximization for wireless energy harvesting sensor networks. , 2015, , .		11
189	Joint Wireless Charging and Sensor Activity Management in Wireless Rechargeable Sensor Networks. , 2015, , .		12
190	Relay and Power Splitting Ratio Selection for Cooperative Networks with Energy Harvesting. , 2015, , .		0
191	Mobility assisted data gathering with solar irradiance awareness in heterogeneous energy replenishable wireless sensor networks. Computer Communications, 2015, 69, 88-97.	3.1	5
192	Dellat: Delivery Latency Minimization in Wireless Sensor Networks with Mobile Sink. Journal of Parallel and Distributed Computing, 2015, 83, 133-142.	2.7	35
193	Exploring Server Redundancy in Nonblocking Multicast Data Center Networks. IEEE Transactions on Computers, 2015, 64, 1912-1926.	2.4	12
194	Wireless Rechargeable Sensor Networks. Springer Briefs in Electrical and Computer Engineering, 2015, , .	0.3	47
195	Power sensor networks by wireless energy — Current status and future trends. , 2015, , .		10
196	Low-latency mobile data collection for Wireless Rechargeable Sensor Networks. , 2015, , .		8
197	Network Cost Minimization for Mobile Data Gathering in Wireless Sensor Networks. IEEE Transactions on Communications, 2015, 63, 4418-4432.	4.9	15
198	A Cross-Layer QoS Design with Energy and Traffic Balance Aware for Different Types of Traffic in MANETs. Wireless Personal Communications, 2015, 85, 1429-1449.	1.8	11

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199	Wireless energy harvesting and information processing in cooperative wireless sensor networks. , 2015, , .		6
200	Energy-Efficient Cooperative Tfor Simultaneous Wireless Information and Power Transfer in Clustered Wireless Sensor Networks. IEEE Transactions on Communications, 2015, 63, 4405-4417.	4.9	104
201	Voronoi diagram based indoor localization in wireless sensor networks. , 2015, , .		4
202	Delivery latency minimization in wireless sensor networks with mobile sink. , 2015, , .		10
203	Permutation generation for routing in bcube connected crossbars. , 2015, , .		6
204	Cost efficient and performance guaranteed virtual network embedding in multicast fat-tree DCNs. , 2015, , .		16
205	Embedding Nonblocking Multicast Virtual Networks in Fat-Tree Data Centers. , 2015, , .		8
206	Improve Charging Capability for Wireless Rechargeable Sensor Networks Using Resonant Repeaters. , 2015, , .		22
207	Secure cloud storage hits distributed string equality checking: More efficient, conceptually simpler, and provably secure. , 2015, , .		15
208	ABCCC: An Advanced Cube Based Network for Data Centers. , 2015, , .		4
209	Bounded-Reorder Packet Scheduling in Optical Cut-Through Switch. IEEE Transactions on Parallel and Distributed Systems, 2015, 26, 2927-2941.	4.0	6
210	On Nonblocking Multicast Fat-Tree Data Center Networks with Server Redundancy. IEEE Transactions on Computers, 2015, 64, 1058-1073.	2.4	28
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