

Yunjian Jia

List of Publications by Year in descending order

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56
papers

945
citations

623734

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477307

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g-index

56
all docs

56
docs citations

56
times ranked

1314
citing authors

#	ARTICLE	IF	CITATIONS
1	An Edge Caching Scheme to Distribute Content in Vehicular Networks. IEEE Transactions on Vehicular Technology, 2018, 67, 5346-5356.	6.3	140
2	Social Network-Based Content Delivery in Device-to-Device Underlay Cellular Networks Using Matching Theory. IEEE Access, 2017, 5, 924-937.	4.2	76
3	Wireless Network Virtualization With SDN and C-RAN for 5G Networks: Requirements, Opportunities, and Challenges. IEEE Access, 2017, 5, 19099-19115.	4.2	74
4	A Cluster-Based Energy-Efficient Resource Management Scheme for Ultra-Dense Networks. IEEE Access, 2016, 4, 6823-6832.	4.2	73
5	Space-Reserved Cooperative Caching in 5G Heterogeneous Networks for Industrial IoT. IEEE Transactions on Industrial Informatics, 2018, 14, 2715-2724.	11.3	70
6	A Cluster-Based Congestion-Mitigating Access Scheme for Massive M2M Communications in Internet of Things. IEEE Internet of Things Journal, 2018, 5, 2200-2211.	8.7	47
7	Status Update in IoT Networks: Age-of-Information Violation Probability and Optimal Update Rate. IEEE Internet of Things Journal, 2021, 8, 11329-11344.	8.7	45
8	Iterative Energy-Efficient Stable Matching Approach for Context-Aware Resource Allocation in D2D Communications. IEEE Access, 2016, 4, 6181-6196.	4.2	43
9	Multi-User Computation Offloading with D2D for Mobile Edge Computing. , 2018, , .		34
10	Online Auction-Based Resource Allocation for Service-Oriented Network Slicing. IEEE Transactions on Vehicular Technology, 2019, 68, 8063-8074.	6.3	32
11	Beta/M/1 Model for Machine Type Communication. IEEE Communications Letters, 2013, 17, 584-587.	4.1	29
12	Game-Theoretic Hierarchical Resource Allocation for Heterogeneous Relay Networks. IEEE Transactions on Vehicular Technology, 2015, 64, 1480-1492.	6.3	27
13	A novel class-dependent back-off scheme for Machine Type Communication in LTE systems. , 2013, , .		23
14	D2D Computation Offloading Optimization for Precedence-Constrained Tasks in Information-Centric IoT. IEEE Access, 2019, 7, 94888-94898.	4.2	21
15	Sparse coding of 2D-slice Zernike moments for SAR ATR. International Journal of Remote Sensing, 2017, 38, 412-431.	2.9	19
16	Interference Cooperation via Distributed Game in 5G Networks. IEEE Internet of Things Journal, 2019, 6, 311-320.	8.7	19
17	Particle Swarm Based Service Migration Scheme in the Edge Computing Environment. IEEE Access, 2020, 8, 45596-45606.	4.2	15
18	Reconfigurable Intelligent Surface Empowered Optimization for Spectrum Sharing: Scenarios and Methods. IEEE Vehicular Technology Magazine, 2022, 17, 74-82.	3.4	14

#	ARTICLE	IF	CITATIONS
19	Energy-efficient game-theoretical random access for M2M communications in overlapped cellular networks. <i>Computer Networks</i> , 2017, 129, 493-501.	5.1	13
20	Delay-Aware Content Delivery With Deep Reinforcement Learning in Internet of Vehicles. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2022, 23, 8918-8929.	8.0	11
21	Age of Information: The Multi-Stream M/G/1/1 Non-Preemptive System. <i>IEEE Transactions on Communications</i> , 2022, 70, 2328-2341.	7.8	10
22	Integrated Task Caching, Computation Offloading and Resource Allocation for Mobile Edge Computing. , 2019, , .		9
23	Joint relay selection and spectrum allocation in d2d-based cooperative vehicular networks. , 2017, , .		8
24	Optimal Power Allocation of Cooperative NOMA with Finite Blocklength Codes. , 2020, , .		8
25	A Non-Intrusive Cyber Physical Social Sensing Solution to People Behavior Tracking: Mechanism, Prototype, and Field Experiments. <i>Sensors</i> , 2017, 17, 143.	3.8	7
26	Asymptotically Optimal Arrival Rate for IoT Networks With AoI and Peak AoI Constraints. <i>IEEE Communications Letters</i> , 2021, 25, 3853-3857.	4.1	7
27	Residual Energy-Aware Caching in Energy Harvesting-Based Mobile D2D Network. <i>IEEE Transactions on Green Communications and Networking</i> , 2020, 4, 845-857.	5.5	6
28	Age of Information In A Multiple Stream M/G/1/1 Non-preemptive Queue. , 2021, , .		6
29	Energy Efficiency Optimization for Irregular Repetition Slotted ALOHA-Based Massive Access. <i>IEEE Wireless Communications Letters</i> , 2022, 11, 982-986.	5.0	6
30	Distributed Transmission Scheduling and Power Allocation in CoMP. <i>IEEE Systems Journal</i> , 2018, 12, 3096-3107.	4.6	5
31	Mobility-Aware Task Parallel Offloading for Vehicle Fog Computing. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , 2019, , 367-379.	0.3	5
32	Throughput Estimation Method for Time-Domain Inter-Cell Interference Coordination in LTE-Advanced. , 2013, , .		4
33	A Task Assignment Scheme for Parked-Vehicle Assisted Edge Computing in IoV. , 2021, , .		4
34	Optimal Status Update in IoT Systems: An Age of Information Violation Probability Perspective. , 2020, , .		4
35	Joint optimization of task caching, computation offloading and resource allocation for mobile edge computing. <i>China Communications</i> , 2022, 19, 142-159.	3.2	4
36	Impact of mobile instant messaging applications on signaling load and UE energy consumption. <i>Wireless Networks</i> , 2017, 23, 1645-1654.	3.0	3

#	ARTICLE	IF	CITATIONS
37	Content-Exchanged Based Cooperative Caching in 5G Wireless Networks. , 2017, , .		3
38	Federated Learning in SWIPT-Enabled Micro-UAV Swarm Networks: A Joint Design of Scheduling and Resource Allocation. , 2021, , .		3
39	Metric and control of system fairness in heterogeneous networks. , 2017, , .		2
40	Residual Energy-Aware Caching in Mobile D2D Cellular Network. , 2019, , .		2
41	Reinforcement-Learning-Based Optimization for Content Delivery Policy in Cache-Enabled HetNets. , 2019, , .		2
42	Maximum Throughput of Two-Hop Half-Duplex Relaying in Ultra-Reliable and Low-Latency Communications. , 2020, , .		2
43	A Game for Task Offloading in Reputation-Based Consortium Blockchain Networks. IEEE Wireless Communications Letters, 2022, 11, 1508-1512.	5.0	2
44	An energy-efficient system signaling control method based on mobile application traffic. , 2015, , .		1
45	Data-Driven User Complaint Prediction for Mobile Access Networks. Journal of Communications and Information Networks, 2018, 3, 9-19.	5.2	1
46	Joint Optimization of Wireless Resource Allocation and Task Partition for Mobile Edge Computing. , 2020, , .		1
47	On the Node Energy Efficiency of Full Duplex Two-way Ultra-Reliable Short Packet Communications. , 2020, , .		1
48	Dynamic Resource Sharing for Non-preemptive M/M/1/1 Queueing System : An Age of Information Perspective. , 2021, , .		1
49	Irregular Repetition Slotted ALOHA Scheme with Multi-Packet Reception in Packet Erasure Channel. , 2022, , .		1
50	Resource Allocation for Age of Information Minimization in An OFDM Status Update System. , 2021, , .		1
51	Drone-Fleet-Enabled Logistics: A Joint Design of Flight Trajectory and Package Delivery. Sensors, 2022, 22, 3056.	3.8	1
52	Aspect-Aided Dynamic Non-Negative Sparse Representation-Based Microwave Image Classification. Sensors, 2016, 16, 1413.	3.8	0
53	Distributed resource allocation for wireless virtualized energy harvesting small cell networks. , 2017, , .		0
54	A Novel Hybrid Duplex Scheme for Relay Channel: Joint Optimization of Full-Duplex Duty Cycle and Source Power Allocation. IEEE Transactions on Communications, 2022, 70, 2435-2450.	7.8	0

#	ARTICLE	IF	CITATIONS
55	Joint Optimization of Data Freshness and Fidelity for Selection Combining-Based Transmissions. Entropy, 2022, 24, 200.	2.2	0
56	The Optimal Power Allocation for Sum Rate and Energy Efficiency of Full-Duplex Two-Way Communication Network. Entropy, 2022, 24, 537.	2.2	0