

# Jin-Song Gui

## List of Publications by Year in descending order

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39  
papers

655  
citations

516710

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h-index

610901

24  
g-index

40  
all docs

40  
docs citations

40  
times ranked

599  
citing authors

#	ARTICLE	IF	CITATIONS
1	Trust based energy efficient data collection with unmanned aerial vehicle in edge network. Transactions on Emerging Telecommunications Technologies, 2022, 33, e3942.	3.9	79
2	Multi-Hop Relay-Aided Underlay D2D Communications for Improving Cellular Coverage Quality. IEEE Access, 2018, 6, 14318-14338.	4.2	69
3	Routing Algorithm Based on Vehicle Position Analysis for Internet of Vehicles. IEEE Internet of Things Journal, 2020, 7, 11701-11712.	8.7	62
4	Flexible Adjustments Between Energy and Capacity for Topology Control in Heterogeneous Wireless Multi-hop Networks. Journal of Network and Systems Management, 2016, 24, 789-812.	4.9	38
5	Performance Analysis for IEEE 802.11s Wireless Mesh Network in Smart Grid. Wireless Personal Communications, 2017, 96, 1537-1555.	2.7	29
6	Energy-Efficient Resource Allocation With Hybrid TDMA-NOMA for Cellular-Enabled Machine-to-Machine Communications. IEEE Access, 2019, 7, 105800-105815.	4.2	27
7	A Game-Based Localized Multi-Objective Topology Control Scheme in Heterogeneous Wireless Networks. IEEE Access, 2017, 5, 2396-2416.	4.2	25
8	Energy-Efficient Resource Sharing Scheme With Out-Band D2D Relay-Aided Communications in C-RAN-Based Underlay Cellular Networks. IEEE Access, 2019, 7, 19125-19142.	4.2	23
9	Joint network lifetime and delay optimization for topology control in heterogeneous wireless multi-hop networks. Computer Communications, 2015, 59, 24-36.	5.1	22
10	Improving Energy Efficiency of Multimedia Content Dissemination by Adaptive Clustering and D2D Multicast. Mobile Information Systems, 2019, 2019, 1-16.	0.6	21
11	Joint mobile vehicle-UAV scheme for secure data collection in a smart city. Annales Des Telecommunications/Annals of Telecommunications, 2021, 76, 559-580.	2.5	21
12	Energy-aware MAC protocol for data differentiated services in sensor-cloud computing. Journal of Cloud Computing: Advances, Systems and Applications, 2020, 9, .	3.9	21
13	A new distributed topology control algorithm based on optimization of delay and energy in wireless networks. Journal of Parallel and Distributed Computing, 2012, 72, 1032-1044.	4.1	20
14	Improving Energy-Efficiency for Resource Allocation by Relay-Aided In-Band D2D Communications in C-RAN-Based Systems. IEEE Access, 2019, 7, 8358-8375.	4.2	18
15	Improving cellular downlink throughput by multi-hop relay-assisted outband D2D communications. Eurasip Journal on Wireless Communications and Networking, 2017, 2017, .	2.4	17
16	Bi-adjusting duty cycle for green communications in wireless sensor networks. Eurasip Journal on Wireless Communications and Networking, 2020, 2020, .	2.4	17
17	Cellular throughput optimization by game-based power adjustment and outband D2D communication. Eurasip Journal on Wireless Communications and Networking, 2018, 2018, .	2.4	15
18	Enhancing Cellular Coverage Quality by Virtual Access Point and Wireless Power Transfer. Wireless Communications and Mobile Computing, 2018, 2018, 1-19.	1.2	15

#	ARTICLE	IF	CITATIONS
19	Stabilizing Transmission Capacity in Millimeter Wave Links by Q-Learning-Based Scheme. <i>Mobile Information Systems</i> , 2020, 2020, 1-17.	0.6	14
20	A Cluster-Based Dual-Adaptive Topology Control Approach in Wireless Sensor Networks. <i>Sensors</i> , 2016, 16, 1576.	3.8	12
21	A Topology Control Approach Reducing Construction Cost for Lossy Wireless Sensor Networks. <i>Wireless Personal Communications</i> , 2017, 95, 2173-2202.	2.7	11
22	Improving Spectrum Efficiency of Cell-Edge Devices by Incentive Architecture Applications With Dynamic Charging. <i>IEEE Transactions on Industrial Informatics</i> , 2021, 17, 795-808.	11.3	10
23	An Integral Data Gathering Framework for Supervisory Control and Data Acquisition Systems in Green IoT. <i>IEEE Transactions on Green Communications and Networking</i> , 2021, 5, 714-726.	5.5	9
24	Dynamically constructing and maintaining virtual access points in a macro cell with selfish nodes. <i>Journal of Systems and Software</i> , 2015, 108, 1-22.	4.5	7
25	Improving Lifetime of Cell-Edge Smart Sensing Devices by Incentive Architecture Based on Dynamic Charging. <i>IEEE Access</i> , 2019, 7, 72703-72715.	4.2	7
26	Joint access and backhaul resource allocation for D2D-assisted dense mmWave cellular networks. <i>Computer Networks</i> , 2020, 183, 107602.	5.1	7
27	Network Capacity Optimization for Cellular-Assisted Vehicular Systems by Online Learning-Based mmWave Beam Selection. <i>Wireless Communications and Mobile Computing</i> , 2021, 2021, 1-26.	1.2	7
28	Flexible resource allocation adaptive to communication strategy selection for cellular clients using Stackelberg game. <i>Ad Hoc Networks</i> , 2017, 66, 64-84.	5.5	6
29	Early Wake-Up Ahead Node for Fast Code Dissemination in Wireless Sensor Networks. <i>IEEE Transactions on Vehicular Technology</i> , 2021, 70, 3877-3890.	6.3	6
30	Performance Optimization in UAV-Assisted Wireless Powered mmWave Networks for Emergency Communications. <i>Wireless Communications and Mobile Computing</i> , 2021, 2021, 1-18.	1.2	5
31	Design and Analysis of Network Behaviors for Optimizing Network Energy Efficiency in 5G Mmwave Systems. <i>IEEE Transactions on Network Science and Engineering</i> , 2021, 8, 1842-1861.	6.4	4
32	Enhancing energy efficiency for cellular-assisted vehicular networks by online learning-based mmWave beam selection. <i>Eurasip Journal on Wireless Communications and Networking</i> , 2022, 2022, .	2.4	4
33	An Adaptive Topology-Based Reputation Model for Unstructured P2P Networks. , 2008, , .		2
34	An Efficient Radio Access Resource Management Scheme Based on Priority Strategy in Dense mmWave Cellular Networks. <i>Wireless Communications and Mobile Computing</i> , 2020, 2020, 1-19.	1.2	2
35	Stabilizing mmWave Backhaul Energy Efficiency for Vehicle-Mounted Access Points by Q-Learning-Based Scheme. <i>Wireless Personal Communications</i> , 0, , 1.	2.7	2
36	A Routing Misbehavior Detection and Mitigating Scheme Based on Reputation in Hybrid Wireless Mesh Networks. , 2009, , .		0

#	ARTICLE	IF	CITATIONS
37	Correction to: Improving cellular downlink throughput by multi-hop relay-assisted outband D2D communications. <i>Eurasip Journal on Wireless Communications and Networking</i> , 2018, 2018, .	2.4	0
38	Efficient Radio Channel Allocation in Integrated mmWave/Sub-6GHz UAV-Assisted Disaster Relief Networks. <i>Mobile Information Systems</i> , 2021, 2021, 1-18.	0.6	0
39	An Efficient Radio Resource Allocation Scheme considering Terminal Mobility in Dense mmWave Cellular Networks. <i>Wireless Communications and Mobile Computing</i> , 2022, 2022, 1-20.	1.2	0