Dongyu Wang

List of Publications by Year
in descending order

34 papers	311 citations	1162889 8 h-index	996849 15 g-index
34 all docs	34 docs citations	34 times ranked	419 citing authors

#	Article	IF	Citations
1	A Collaborative Caching-Transmission Method for Heterogeneous Video Services in Cache-Enabled Terahertz Heterogeneous Networks. IEEE Transactions on Vehicular Technology, 2022, 71, 3187-3200.	3.9	7
2	A Cooperative Caching and Computing-Offloading Method for 3C Trade-Off in VR Video Services. IEEE Access, 2021, 9, 124010-124022.	2.6	7
3	Analysis of a Cooperative Caching-Multicast Strategy in D2D-Aided Networks. IEEE Wireless Communications Letters, 2021, 10, 2614-2618.	3.2	3
4	A Collaborative Task Offloading Scheme in D2D-Assisted Fog Computing Networks. , 2020, , .		11
5	Interference Characterization and Power Optimization for Automotive Radar With Directional Antenna. IEEE Transactions on Vehicular Technology, 2020, 69, 3703-3716.	3.9	12
6	Semi-Persistent Resource Allocation Based on Traffic Prediction for Vehicular Communications. IEEE Transactions on Intelligent Vehicles, 2020, 5, 345-355.	9.4	8
7	Task Caching, Offloading, and Resource Allocation in D2D-Aided Fog Computing Networks. IEEE Access, 2019, 7, 104876-104891.	2.6	49
8	An Enhanced Relay Selection Scheme for NOMA-based Cooperative Opportunistic Multicast Scheme. , 2019, , .		1
9	Analysis and Design of SCMA-Based Hybrid Unicast-Multicast Relay-Assisted Networks. Sensors, 2019, 19, 329.	2.1	4
10	A Range-Division User Relay Selection Scheme and Performance Analysis in NOMA-based Cooperative Opportunistic Multicast Systems. Electronics (Switzerland), 2019, 8, 544.	1.8	3
11	BER Performance of Multicast SCMA Systems. IEEE Wireless Communications Letters, 2019, 8, 1073-1076.	3.2	9
12	Mobility-Aware Task Offloading and Migration Schemes in Fog Computing Networks. IEEE Access, 2019, 7, 43356-43368.	2.6	58
13	Handover optimisation for multipath transmission control protocol€based concurrent multipath transfer in heterogeneous networks. Electronics Letters, 2019, 55, 715-716.	0.5	2
14	Analysis of an SDN-Based Cooperative Caching Network with Heterogeneous Contents. Electronics (Switzerland), 2019, 8, 1491.	1.8	4
15	Optimal D2D Cooperative Caching System In SDN Based Wireless Network. , 2019, , .		5
16	Collaborative Computation Offloading and Resource Allocation in Cache-Aided Hierarchical Edge-Cloud Systems. Electronics (Switzerland), 2019, 8, 1430.	1.8	10
17	Energy Efficient Congestion Control for Multipath TCP in Heterogeneous Networks. IEEE Access, 2018, 6, 2889-2898.	2.6	19
18	Joint Social, Energy and Transfer Rate Cluster Head Selection Strategy for D2D Multicast Communication. , 2018, , .		2

#	Article	IF	Citations
19	Resource Allocation for Energy Efficiency Maximization of Layered Multicast in SCMA Networks. , 2018, , .		2
20	On the Design of Computation Offloading in Cache-Aided D2D Multicast Networks. IEEE Access, 2018, 6, 63426-63441.	2.6	21
21	NOMA-Based Cooperative Opportunistic Multicast Transmission Scheme for Two Multicast Groups: Relay Selection and Performance Analysis. IEEE Access, 2018, 6, 62793-62805.	2.6	10
22	Interference Cancellation and Adaptive Demodulation Mapping Schemes for Device-to-Device Multicast Uplink Underlaying Cellular Networks. Wireless Personal Communications, 2017, 95, 891-913.	1.8	3
23	Joint transmission scheme for two multicast groups based on NOMA. , 2017, , .		3
24	A D2D mode selection scheme with energy consumption minimization underlaying two-tier heterogeneous cellular networks. , 2017, , .		2
25	Caching scheme based on user clustering and user requests prediction in small cells. , 2017, , .		1
26	A Novel Personal Health Assessment Based on Mobile Telecom Data. , 2016, , .		0
27	Downlink multicell distributed beamforming with intra‑cell local channel state informations. IET Communications, 2015, 9, 1669-1676.	1.5	0
28	Effective Interference Cancellation Schemes for Device-to-Device Multicast Uplink Period Underlaying Cellular Networks. Wireless Personal Communications, 2014, 75, 2201-2216.	1.8	7
29	Device-to-Device Dynamic Clustering Algorithm in Multicast Communication. , 2013, , .		10
30	A Wireless Resources Allocation Method for D2MD Communication under IMT-A System. , 2013, , .		0
31	An interference management scheme for Device-to-Device multicast in spectrum sharing hybrid network. , 2013, , .		5
32	Optimization of Relay Transmission Schemes with Interference Cancellation in Wireless Systems. , 2013, , .		0
33	Feedback load reduction scheme in OFDM-based wireless multicast systems. , 2013, , .		3
34	An Interference Coordination Scheme for Device-to-Device Multicast in Cellular Networks. , 2012, , .		30