

# Jianhua Tang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7118898/publications.pdf>

Version: 2024-02-01

24  
papers

1,332  
citations

759233

12  
h-index

996975

15  
g-index

25  
all docs

25  
docs citations

25  
times ranked

1679  
citing authors

#	ARTICLE	IF	CITATIONS
1	Offloading in Mobile Edge Computing: Task Allocation and Computational Frequency Scaling. IEEE Transactions on Communications, 2017, , 1-1.	7.8	472
2	Cross-Layer Resource Allocation With Elastic Service Scaling in Cloud Radio Access Network. IEEE Transactions on Wireless Communications, 2015, 14, 5068-5081.	9.2	150
3	Service Multiplexing and Revenue Maximization in Sliced C-RAN Incorporated With URLLC and Multicast eMBB. IEEE Journal on Selected Areas in Communications, 2019, 37, 881-895.	14.0	132
4	System Cost Minimization in Cloud RAN With Limited Fronthaul Capacity. IEEE Transactions on Wireless Communications, 2017, 16, 3371-3384.	9.2	88
5	<i>Dyme</i>: Dynamic Microservice Scheduling in Edge Computing Enabled IoT. IEEE Internet of Things Journal, 2020, 7, 6164-6174.	8.7	77
6	Computation Offloading for Mobile Edge Computing Enabled Vehicular Networks. IEEE Access, 2019, 7, 62624-62632.	4.2	68
7	On Robustness of Network Slicing for Next-Generation Mobile Networks. IEEE Transactions on Communications, 2019, 67, 430-444.	7.8	60
8	Dynamic Request Redirection and Elastic Service Scaling in Cloud-Centric Media Networks. IEEE Transactions on Multimedia, 2014, 16, 1434-1445.	7.2	47
9	Exploiting Hybrid Clustering and Computation Provisioning for Green C-RAN. IEEE Journal on Selected Areas in Communications, 2016, 34, 4063-4076.	14.0	40
10	The role of cloud computing in content-centric mobile networking. , 2016, 54, 52-59.		38
11	Fully Exploiting Cloud Computing to Achieve a Green and Flexible C-RAN. , 2017, 55, 40-46.		26
12	Systematic Resource Allocation in Cloud RAN With Caching as a Service Under Two Timescales. IEEE Transactions on Communications, 2019, 67, 7755-7770.	7.8	24
13	Hierarchical Offloading for Delay-Constrained Applications in Fog RAN. IEEE Transactions on Vehicular Technology, 2020, 69, 4257-4270.	6.3	16
14	On the Interplay Between Communication and Computation in Green C-RAN With Limited Fronthaul and Computation Capacity. IEEE Transactions on Communications, 2018, 66, 3201-3216.	7.8	14
15	Proactive Caching Strategy With Content-Aware Weighted Feature Matrix Learning in Small Cell Network. IEEE Communications Letters, 2019, 23, 700-703.	4.1	13
16	Cross-layer resource allocation in cloud radio access network. , 2014, , .		12
17	Joint resource segmentation and transmission rate adaptation in Cloud RAN with Caching as a Service. , 2016, , .		11
18	Robust Network Slicing in Software-Defined 5G Networks. , 2017, , .		9

#	ARTICLE	IF	CITATIONS
19	UAV-Assisted Data Collection for Dynamic and Heterogeneous Wireless Sensor Networks. IEEE Wireless Communications Letters, 2022, 11, 1288-1292.	5.0	9
20	Exploring the interactions of communication, computing and caching in cloud RAN under two timescale. , 2017, , .		7
21	Towards system cost minimization in cloud radio access network. , 2015, , .		6
22	On the Data Freshness for Industrial Internet of Things With Mobile-Edge Computing. IEEE Internet of Things Journal, 2022, 9, 13542-13554.	8.7	6
23	Maximizing the Connectivity of Wireless Network Slicing Enabled Industrial Internet-of-Things. , 2021, , .		4
24	Joint optimization of transmit beamforming and processor sleeping for green C-RAN. , 2017, , .		3