

Jian Ouyang

List of Publications by Year in descending order

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52
papers

2,058
citations

361413

20
h-index

289244

40
g-index

52
all docs

52
docs citations

52
times ranked

1042
citing authors

#	ARTICLE	IF	CITATIONS
1	Secure Transmission in Cognitive Satellite Terrestrial Networks. IEEE Journal on Selected Areas in Communications, 2016, 34, 3025-3037.	14.0	277
2	Supporting IoT With Rate-Splitting Multiple Access in Satellite and Aerial-Integrated Networks. IEEE Internet of Things Journal, 2021, 8, 11123-11134.	8.7	243
3	Outage Performance of Cognitive Hybrid Satellite-Terrestrial Networks With Interference Constraint. IEEE Transactions on Vehicular Technology, 2016, 65, 9397-9404.	6.3	137
4	Secure and Energy Efficient Transmission for RSMA-Based Cognitive Satellite-Terrestrial Networks. IEEE Wireless Communications Letters, 2021, 10, 251-255.	5.0	137
5	Secrecy-Energy Efficient Hybrid Beamforming for Satellite-Terrestrial Integrated Networks. IEEE Transactions on Communications, 2021, 69, 6345-6360.	7.8	133
6	Joint Beamforming for Secure Communication in Cognitive Satellite Terrestrial Networks. IEEE Journal on Selected Areas in Communications, 2018, 36, 1017-1029.	14.0	126
7	Robust Secure Beamforming for 5G Cellular Networks Coexisting With Satellite Networks. IEEE Journal on Selected Areas in Communications, 2018, 36, 932-945.	14.0	102
8	Joint Beamforming and Power Control for Device-to-Device Communications Underlying Cellular Networks. IEEE Journal on Selected Areas in Communications, 2016, 34, 138-150.	14.0	93
9	Secure Beamforming for Cognitive Satellite Terrestrial Networks With Unknown Eavesdroppers. IEEE Systems Journal, 2021, 15, 2186-2189.	4.6	79
10	Performance Analysis of Integrated Satellite-Terrestrial Multiantenna Relay Networks With Multiuser Scheduling. IEEE Transactions on Aerospace and Electronic Systems, 2020, 56, 2718-2731.	4.7	71
11	Multiuser Scheduling for Asymmetric FSO/RF Links in Satellite-UAV-Terrestrial Networks. IEEE Wireless Communications Letters, 2020, 9, 1235-1239.	5.0	71
12	Performance Analysis of Hybrid Satellite-Terrestrial Cooperative Networks With Relay Selection. IEEE Transactions on Vehicular Technology, 2020, 69, 9053-9067.	6.3	67
13	Robust Secure Beamforming for Wireless Powered Cognitive Satellite-Terrestrial Networks. IEEE Transactions on Cognitive Communications and Networking, 2021, 7, 567-580.	7.9	62
14	Robust Secure Beamforming for Multibeam Satellite Communication Systems. IEEE Transactions on Vehicular Technology, 2019, 68, 6202-6206.	6.3	53
15	Robust Multi-Objective Beamforming for Integrated Satellite and High Altitude Platform Network With Imperfect Channel State Information. IEEE Transactions on Signal Processing, 2019, 67, 6384-6396.	5.3	41
16	Secrecy performance of hybrid satellite-terrestrial relay networks in the presence of multiple eavesdroppers. IET Communications, 2018, 12, 26-34.	2.2	40
17	Secrecy Energy Efficiency Maximization in Cognitive Radio Networks. IEEE Access, 2017, 5, 2641-2650.	4.2	39
18	Secrecy Energy Efficiency Optimization for Artificial Noise Aided Physical-Layer Security in OFDM-Based Cognitive Radio Networks. IEEE Transactions on Vehicular Technology, 2018, 67, 11858-11872.	6.3	34

#	ARTICLE	IF	CITATIONS
19	Secrecy Performance of Satellite Wiretap Channels With Multi-User Opportunistic Scheduling. IEEE Wireless Communications Letters, 2018, 7, 1054-1057.	5.0	30
20	Beamforming for Secure Wireless Information and Power Transfer in Terrestrial Networks Coexisting With Satellite Networks. IEEE Signal Processing Letters, 2018, 25, 1166-1170.	3.6	24
21	ADMM-Based Optimal Power Control for Cognitive Satellite Terrestrial Uplink Networks. IEEE Access, 2018, 6, 64757-64765.	4.2	15
22	Artificial-Noise-Aided Energy-Efficient Secure Beamforming for Multi-Eavesdroppers in Cognitive Radio Networks. IEEE Systems Journal, 2020, 14, 3801-3812.	4.6	14
23	Performance Analysis for Rate Splitting Uplink NOMA Transmission in High Throughput Satellite Systems. IEEE Wireless Communications Letters, 2022, 11, 816-820.	5.0	14
24	Outage Performance for Mixed FSO-RF Transmission in Satellite-Aerial- Terrestrial Networks. IEEE Photonics Technology Letters, 2020, 32, 1349-1352.	2.5	13
25	Distributed-Relay Beamforming for Secrecy Energy Efficiency With Coordinated Eavesdroppers. IEEE Communications Letters, 2018, 22, 1054-1057.	4.1	11
26	Robust Secrecy Energy Efficient Beamforming in Satellite Communication Systems. , 2019, , .		10
27	Outage Performance for Multiuser Threshold-Based DF Satellite Relaying. IEEE Access, 2019, 7, 103142-103152.	4.2	9
28	Robust Beamforming for Enhancing Security in Multibeam Satellite Systems. IEEE Communications Letters, 2021, 25, 2161-2165.	4.1	9
29	Optimal relay placement for UAV-assisted wireless regenerative communication system. , 2017, , .		8
30	Energy Efficient Beamforming for Multi-User Transmission in Cognitive Radio Networks With Secrecy Constraints. IEEE Access, 2018, 6, 74485-74493.	4.2	8
31	Proactive Eavesdropping via Jamming for Multichannel Decode-and-Forward Relay System. IEEE Communications Letters, 2020, 24, 491-495.	4.1	8
32	Proactive Eavesdropping in Two-Way Amplify-and-Forward Relay Networks. IEEE Systems Journal, 2021, 15, 3415-3426.	4.6	7
33	Beamforming Aided Secrecy Energy Efficiency Maximization in Heterogeneous Cellular Networks. IEEE Transactions on Vehicular Technology, 2021, 70, 2576-2589.	6.3	7
34	Recent Progress in Metal-containing Silsesquioxanes: Preparation and Application. Current Organic Chemistry, 2018, 21, .	1.6	7
35	Robust Secure Energy Efficient Beamforming for mmWave UAV Communications With Jittering. IEEE Communications Letters, 2022, 26, 1638-1642.	4.1	7
36	On the secrecy performance of integrated satellite-aerial-terrestrial networks. International Journal of Satellite Communications and Networking, 2020, 38, 314-327.	1.8	6

#	ARTICLE	IF	CITATIONS
37	Downlink beamforming scheme for hybrid satellite-terrestrial networks. IET Communications, 2018, 12, 2342-2346.	2.2	5
38	ZF-Based Beamforming for Wireless Powered Cognitive Satellite-Terrestrial Networks. , 2019, , .		5
39	Outage Performance for Optical Feeder Link in Satellite Communications With Diversity Combining. IEEE Wireless Communications Letters, 2021, 10, 1108-1112.	5.0	5
40	Ergodic Capacity of High Throughput Satellite Systems With Mixed FSO-RF Transmission. IEEE Wireless Communications Letters, 2021, 10, 1732-1736.	5.0	5
41	Achieving Secrecy Energy Efficiency Fairness in UAV-Enabled Multi-User Communication Systems. IEEE Wireless Communications Letters, 2022, 11, 918-922.	5.0	5
42	Robust Hybrid Beamforming for Satellite-Terrestrial Integrated Networks. , 2020, , .		4
43	Beamforming Design for IRS-assisted Uplink Cognitive Satellite-Terrestrial Networks with NOMA. , 2021, , .		4
44	Combined Beamforming with NOMA for Cognitive Satellite Terrestrial Networks. , 2019, , .		3
45	Secrecy Energy Efficiency in Full-Duplex AF Relay Systems With Untrusted Energy Harvesters. IEEE Communications Letters, 2021, 25, 3493-3497.	4.1	3
46	Cooperative Beamforming for UAV-Assisted Cognitive Relay Networks with Partial Channel State Information. , 2018, , .		2
47	Beamforming and Power Allocation for Uplink NOMA Transmission in Multibeam Satellite Communications With Rate Splitting. , 2021, , .		2
48	Relay Selection for Wireless Cooperative Networks using Adaptive Q-learning Approach. , 2019, , .		1
49	Secrecy Energy Efficient Beamforming for Satellite-Terrestrial Coordinated Communication Systems. , 2019, , .		1
50	Performance Analysis of Amplify-and-Forward Satellite Relaying System with Rain Attenuation. Lecture Notes in Electrical Engineering, 2020, , 2140-2146.	0.4	1
51	Collaborative Beamforming for Cognitive UAV Relaying System Coexisting with Satellite Networks. , 2019, , .		0
52	Forward link outage performance of aeronautical broadband satellite communications. Frontiers of Information Technology and Electronic Engineering, 2021, 22, 790-801.	2.6	0