Sultangali Arzykulov

List of Publications by Year
in descending order

34 papers	**559** citations	933410 **10** h-index	1125717 **13** g-index
36 all docs	**36** docs citations	**36** times ranked	**329** citing authors

#	Article	IF	Citations
1	Haar Wavelet Solution Analysis of Compound Pendulum-based Computational Electromagnetic Damping Oscillation Problem. IETE Journal of Research, 2023, 69, 4130-4138.	2.6	3
2	UAV-Assisted Cooperative & Cognitive NOMA: Deployment, Clustering, and Resource Allocation. IEEE Transactions on Cognitive Communications and Networking, 2022, 8, 263-281.	7.9	22
3	Performance of NOMA-Enabled Cognitive Satellite-Terrestrial Networks With Non-Ideal System Limitations. IEEE Access, 2021, 9, 35932-35946.	4.2	18
4	Cognitive Non-ideal NOMA Satellite-Terrestrial Networks with Channel and Hardware Imperfections. , 2021, , .		4
5	Capacity Analysis of Wireless Powered Cooperative NOMA Networks over Generalized Fading. , 2021, , .		4
6	Outage Analysis of EH-based Cooperative NOMA Networks over Generalized Statistical Models. , 2021, , .		3
7	Coverage Analysis of CR-based Satellite-Terrestrial NOMA Networks with Practical System Impairments. , 2021, , .		4
8	Hardware and Interference Limited Cooperative CR-NOMA Networks Under Imperfect SIC and CSI. IEEE Open Journal of the Communications Society, 2021, 2, 1473-1485.	6.9	18
9	Performance of NOMA-Based mmWave D2D Networks Under Practical System Conditions. IEEE Access, 2021, 9, 160958-160974.	4.2	6
10	Performance of Large Intelligent Surface-enabled Cooperative Networks Over Nakagami-m Channels. , 2021, , .		6
11	Underlay Hybrid Satellite-Terrestrial Relay Networks under Realistic Hardware and Channel Conditions. , 2021, , .		1
12	Max-Min Fair Power Control and Coverage Probability for UAV-Assisted Cooperative and Cognitive NOMA. , 2021, , .		0
13	Ergodic Capacity of Cognitive Satellite-Terrestrial Relay Networks with Practical Limitations. , 2021, , .		1
14	Analytical Framework for NOMA-assisted mmWave D2D Networks with System Impairments. , 2021, , .		1
15	A Generic and Efficient Globalized Kernel Mapping-Based Small-Signal Behavioral Modeling for GaN HEMT. IEEE Access, 2020, 8, 195046-195061.	4.2	21
16	Hardware- and Interference-Limited Cognitive IoT Relaying NOMA Networks With Imperfect SIC Over Generalized Non-Homogeneous Fading Channels. IEEE Access, 2020, 8, 72942-72956.	4.2	36
17	Haar wavelet based algorithm for solution of second order electromagnetic problems in time and space domains. Journal of Electromagnetic Waves and Applications, 2020, 34, 362-374.	1.6	5
18	Underlay CR-NOMA Relaying Networks over Non-Homogeneous Generalized Fading Channels. , 2020, , .		2

#	Article	IF	Citations
19	Performance Analysis of Underlay Cognitive Radio Nonorthogonal Multiple Access Networks. IEEE Transactions on Vehicular Technology, 2019, 68, 9318-9322.	6.3	72
20	On the Outage of Underlay CR-NOMA Networks With Detect-and-Forward Relaying. IEEE Transactions on Cognitive Communications and Networking, 2019, 5, 795-804.	7.9	55
21	Green CR-NOMA: A New Interweave Energy Harvesting Transmission Scheme for Secondary Access. , 2019, , .		7
22	Wireless Powered Cognitive Cooperative Networks: Outage Performance. , 2019, , .		2
23	Outage Performance of Cooperative Underlay CR-NOMA With Imperfect CSI. IEEE Communications Letters, 2019, 23, 176-179.	4.1	111
24	On the Performance of Wireless Powered Cognitive Relay Network With Interference Alignment. IEEE Transactions on Communications, 2018, 66, 3825-3836.	7.8	31
25	Outage Performance of Underlay CR-NOMA Networks with Detect-and-Forward Relaying. , 2018, , .		24
26	Outage Performance of Underlay CR-NOMA Networks. , 2018, , .		6
27	On the Performance of UAV-enabled Multihop V2V FSO systems over generalized Î± -Î¼ Channels. , 2018, , .		5
28	Performance of Cooperative Underlay CR-NOMA Networks over Nakagami-m Channels. , 2018, , .		21
29	Underlay Cognitive Relaying System Over $alpha $ - $mu $ Fading Channels. IEEE Communications Letters, 2017, 21, 216-219.	4.1	27
30	On the Capacity of Wireless Powered Cognitive Relay Network with Interference Alignment. , 2017, , .		17
31	Error performance of wireless powered cognitive relay networks with interference alignment. , 2017, , .		16
32	A closed-form solution to implement interference alignment and cancellation scheme for the MIMO three-user X-channel model. , 2016, , .		3
33	An alignment-based interference cancellation scheme for network-MIMO systems. , 2016, , .		3
34	Performance limits of wireless powered cooperative NOMA over generalized fading. Transactions on Emerging Telecommunications Technologies, 0, , .	3.9	4