Tharindu Dilshan Ponnimbaduge Perera

List of Publications by Year
in descending order

19 papers	794 citations	1307594 7 h-index	1372567 10 g-index
20 all docs	20 docs citations	20 times ranked	1041 citing authors

#	Article	IF	Citations
1	Simultaneous Wireless Information and Power Transfer (SWIPT): Recent Advances and Future Challenges. IEEE Communications Surveys and Tutorials, 2018, 20, 264-302.	39.4	585
2	Self-Energized UAV-Assisted Scheme for Cooperative Wireless Relay Networks. IEEE Transactions on Vehicular Technology, 2020, 69, 578-592.	6.3	47
3	Analysis of time-switching and power-splitting protocols in wireless-powered cooperative communication system. Physical Communication, 2018, 31, 141-151.	2.1	29
4	Age of Information in SWIPT-Enabled Wireless Communication System for 5GB. IEEE Wireless Communications, 2020, 27, 162-167.	9.0	24
5	A WPT-Enabled UAV-Assisted Condition Monitoring Scheme for Wireless Sensor Networks. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 5112-5126.	8.0	23
6	Wireless Information and Power Transfer: Issues, Advances, and Challenges. , 2017, , .		9
7	Self-energized Full-Duplex UAV-assisted Cooperative Communication Systems. , 2019, , .		9
8	3-D Trajectory Optimization for Fixed-Wing UAV-Enabled Wireless Network. IEEE Access, 2021, 9, 35045-35056.	4.2	9
9	A Survey on Simultaneous Wireless Information and Power Transfer. Journal of Physics: Conference Series, 2017, 803, 012113.	0.4	8
10	UAV-assisted Data Collection in Wireless Powered Sensor Networks over Multiple Fading Channels. , 2020, , .		8
11	UAV-assited Wireless Powered Sensor Network over Rician Shadowed Fading Channels. , 2019, , .		7
12	UAV Trajectory optimization for Data-Gathering from Backscattering Sensor Networks. , 2020, , .		7
13	Age of Information in an URLLC-enabled Decode-and-Forward Wireless Communication System. SSRN Electronic Journal, 0, , .	0.4	7
14	O2O: An Underwater VLC Approach in Baltic and North Sea. Electronics (Switzerland), 2022, 11, 321.	3.1	6
15	Harvest-on-Sky: An AoI-Driven UAV-Assisted Wireless Communication System. IEEE Internet of Things Magazine, 2022, 5, 142-146.	2.6	6
16	Wireless- Powered UAV assisted Communication System in Nakagami-m Fading Channels. , 2020, , .		4
17	Age of Information in an URLLC-enabled Decode-and-Forward Wireless Communication System. , 2021, , .		3
18	Wireless-Powered Hybrid Terrestrial and Underwater Cooperative Communication System. , 2019, , .		2

#	Article	IF	Citations
19	Hybrid RF/visible light communication in downlink wireless system. International Journal of Engineering and Technology(UAE), 2018, 7, 272.	0.3	1