Marko HÃ¶yhtyÃ¤

List of Publications by Year
in descending order

21 papers	578 citations	840776 11 h-index	940533 16 g-index
21 all docs	21 docs citations	21 times ranked	651 citing authors

#	Article	IF	Citations
1	Emerging Technologies for Next Generation Remote Health Care and Assisted Living. IEEE Access, 2022, 10, 56094-56132.	4.2	17
2	Situational Awareness for Autonomous Ships in the Arctic: mMTC Direct-to-Satellite Connectivity. IEEE Communications Magazine, 2022, 60, 32-38.	6.1	7
3	Licensed shared access field trial and a testbed for satelliteâ€terrestrial communication including research directions for 5G and beyond. International Journal of Satellite Communications and Networking, 2021, 39, 455-472.	1.8	5
4	Positioning in the Arctic Region: State-of-the-Art and Future Perspectives. IEEE Access, 2021, 9, 53964-53978.	4.2	13
5	Space debris detection over intersatellite communication signals. Acta Astronautica, 2021, 187, 156-166.	3.2	10
6	Spectrum access options for vertical network service providers in 5G. Telecommunications Policy, 2020, 44, 101903.	5.3	19
7	Integrated Satelliteâ€"Terrestrial Connectivity for Autonomous Ships: Survey and Future Research Directions. Remote Sensing, 2020, 12, 2507.	4.0	23
8	Database-Assisted Spectrum Prediction in 5G Networks and Beyond: A Review and Future Challenges. IEEE Circuits and Systems Magazine, 2019, 19, 34-45.	2.3	14
9	Connectivity Manager: Ensuring Robust Connections for Autonomous Ships. , 2019, , .		8
10	Validation framework for building a spectrum sharing testbed for integrated satellite-terrestrial systems : Invited Paper. , 2019, , .		2
11	Distributed LSA Controller for Public Safety Communications. , 2018, , .		5
12	Critical Communications Over Mobile Operatorsâ€™ Networks: 5G Use Cases Enabled by Licensed Spectrum Sharing, Network Slicing and QoS Control. IEEE Access, 2018, 6, 73572-73582.	4.2	42
13	Review of Latest Advances in 3GPP Standardization: D2D Communication in 5G Systems and Its Energy Consumption Models. Future Internet, 2018, 10, 3.	3.8	88
14	Field trial of the 3.5 GHz citizens broadband radio service governed by a spectrum access system (SAS). , 2017, , .		32
15	Database-Assisted Spectrum Sharing in Satellite Communications: A Survey. IEEE Access, 2017, 5, 25322-25341.	4.2	52
16	Connectivity for autonomous ships: Architecture, use cases, and research challenges. , 2017, , .		46
17	Coexistence of DTT and Mobile Broadband: A Survey and Guidelines for Field Measurements. Wireless Communications and Mobile Computing, 2017, 2017, 1-19.	1.2	11
18	Spectrum Occupancy Measurements: A Survey and Use of Interference Maps. IEEE Communications Surveys and Tutorials, 2016, 18, 2386-2414.	39.4	164

#	Article	IF	Citations
19	A unified framework for adaptive inverse power control. Eurasip Journal on Wireless Communications and Networking, 2016, 2016, .	2.4	2
20	Reciprocally opportunistic spectrum access. Transactions on Emerging Telecommunications Technologies, 2015, 26, 1073-1085.	3.9	3
21	Relationship of Average Transmitted and Received Energies in Adaptive Transmission. IEEE Transactions on Vehicular Technology, 2010, 59, 1257-1268.	6.3	15