Laura Dossi

List of Publications by Year
in descending order

19	152	1478505 6	1199594 12
papers	citations	h-index	g-index

19	19	19	102
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Statistical analysis of measured impulse response functions of 2.0 GHz indoor radio channels. IEEE Journal on Selected Areas in Communications, 1996, 14, 405-410.	14.0	53
2	Frequency diversity in millimeter wave satellite communications. IEEE Transactions on Aerospace and Electronic Systems, 1992, 28, 567-573.	4.7	14
3	Stochastic Dosimetry Assessment of the Human RF-EMF Exposure to 3D Beamforming Antennas in indoor 5G Networks. Applied Sciences (Switzerland), 2021, 11, 1751.	2.5	14
4	The Role of Adaptivity in MIMO Line-of-Sight Systems for High Capacity Backhauling. Wireless Personal Communications, 2014, 74, 373-389.	2.7	13
5	Extended Kalman Filter for MIMO Phase Noise Channels With Independent Oscillators. IEEE Communications Letters, 2018, 22, 1200-1203.	4.1	13
6	Real-time prediction of attenuation for applications to fade countermeasures in satellite communications. Electronics Letters, 1990, 26, 250.	1.0	12
7	Human RF-EMF Exposure Assessment Due to Access Point in Incoming 5G Indoor Scenario. IEEE Journal of Electromagnetics, RF and Microwaves in Medicine and Biology, 2021, 5, 269-276.	3.4	6
8	Performance Evaluation of LoS MIMO Microwave Radio Systems Over Frequency Selective Multipath Fading Channels. Wireless Personal Communications, 2017, 97, 999-1014.	2.7	6
9	Assessment of Human Exposure Levels Due to Mobile Phone Antennas in 5G Networks. International Journal of Environmental Research and Public Health, 2022, 19, 1546.	2.6	6
10	User oriented satellite networks: Studies on utilization of transmission capacity in TDMA and TDMA/FDMA systems. European Transactions on Telecommunications, 1991, 2, 415-421.	1.2	3
11	Single User EMF Exposure Assessment in a Case of Incoming 5G Indoor Scenario. , 2020, , .		3
12	Upper and lower bounds to the information rate transferred through the Pol-Mux channel. Optics Express, 2018, 26, 27118.	3.4	3
13	Optimization of IRS-Aided Sub-THz Communications Under Practical Design Constraints. IEEE Transactions on Wireless Communications, 2022, 21, 10824-10838.	9.2	3
14	Phase Noise Suppression in MIMO LoS Systems for High Capacity Backhauling. Wireless Personal Communications, 2015, 82, 1931-1953.	2.7	2
15	Application of Stochastic Dosimetry for assessing the Human RFEMF Exposure in a 5G indoor Scenario. , 2021, 2021, 595-599.		1
16	Performance of joint diversity and equalization techniques in an indoor radio environment. European Transactions on Telecommunications, 1997, 8, 583-590.	1.2	0
17	Computation of information rates by means of discrete states density recursion. Physical Communication, 2017, 23, 37-42.	2.1	0
18	Capacity gain and design trade-offs for partial-duplex OFDM wireless communications. Eurasip Journal on Wireless Communications and Networking, 2018, 2018, .	2.4	0

#	Article	IF	Citations
19	Tracking the pol-mux channel by a particle filter. Physical Communication, 2021, 46, 101286.	2.1	0