Nicholas J Kirsch

List of Publications by Year
in descending order

		1306789	1199166
29 papers	**455** citations	**7** h-index	**12** g-index
29 all docs	**29** docs citations	**29** times ranked	**515** citing authors

#	Article	IF	Citations
1	Caller ID for Risso's and Pacific White-sided dolphins. Scientific Reports, 2022, 12, 4510.	1.6	1
2	Cognitive Multi-User Multi-Relay Network: A Decentralized Scheduling Technique. IEEE Transactions on Cognitive Communications and Networking, 2021, 7, 609-623.	4.9	9
3	Buffer-Aided Relaying Network With Free Space Optical (FSO) Inter-Relay Links and Radio Frequency (RF) End-to-End Links. IEEE Communications Letters, 2021, 25, 1587-1591.	2.5	7
4	Cognitive Buffer-Aided Mixed RF/FSO Backhauling Network With Switch-Based Rate Adaptation. IEEE Communications Letters, 2021, 25, 2644-2648.	2.5	5
5	The Impedance of Optically Transparent Thin Mesh Wire RF Devices. , 2021, , .		2
6	Buffer-Aided Relaying With Direct Link Transmission and Spectrum Sharing. IEEE Transactions on Cognitive Communications and Networking, 2020, 6, 631-644.	4.9	7
7	Synchronization of Distributed Generators in a Microgrid under Communication Latency. , 2020, , .		0
8	An Optimized De-Noising Scheme Based on the Null Hypothesis of Intrinsic Mode Functions. IEEE Signal Processing Letters, 2019, 26, 1232-1236.	2.1	4
9	Beam Steering with 5.75 GHz Dual Polarized Optically Transparent Patch Antenna Arrays. , 2019, , .		0
10	Dual-Polarized 5.75 GHz Optically Transparent Antenna Arrays. IEEE Antennas and Wireless Propagation Letters, 2019, 18, 1512-1516.	2.4	20
11	An Empirical Mode Decomposition-based detection and classification approach for marine mammal vocal signals. Journal of the Acoustical Society of America, 2018, 144, 3181-3190.	0.5	25
12	Intrinsic Mode Function Based Noise Power Estimation With Applications to Semiblind Spectrum Sensing Methods. IEEE Signal Processing Letters, 2017, 24, 1088-1092.	2.1	7
13	An Intrinsic Mode Function based energy detector for spectrum sensing in cognitive radio. , 2017, , .		3
14	An adaptive energy detection scheme using EMD for spectrum sensing. , 2017, , .		1
15	A Bi-Conical Log-Periodic Antenna for Vehicular Communications. , 2017, , .		1
16	Noise Estimation for Spectrum Sensing Schemes. , 2016, , .		1
17	Wireless sensor system for detection of occupants to increase building energy efficiency. , 2016, , .		2
18	A De-noising Scheme Based on the Null Hypothesis of Intrinsic Mode Functions. IEEE Signal Processing Letters, 2016, 23, 924-928.	2.1	9

#	Article	IF	Citations
19	An EMD-Based Double Threshold Detector for Spectrum Sensing in Cognitive Radio Networks. , 2015, , .		7
20	An EMD-Based Spectrum Sensing Technique for Cognitive Radio Networks. , 2015, , .		4
21	5.5ÂGHz optically transparent mesh wire microstrip patch antenna. Electronics Letters, 2015, 51, 1220-1222.	0.5	21
22	A Proximity-Based Q-Learning Reward Function for Femtocell Networks. , 2013, , .		13
23	Accelerated learning in machine learning-based resource allocation methods for Heterogenous Networks. , 2013, , .		4
24	Improving the performance of vehicular networks in high traffic density conditions with cognitive radios. , 2011, , .		13
25	Performance of transparent conductive polymer antennas in a MIMO ad-hoc network. , 2010, , .		17
26	Optically transparent conductive polymer RFID meandering dipole antenna. , 2009, , .		52
27	Design and Evaluation of a Reconfigurable Antenna Array for MIMO Systems. IEEE Transactions on Antennas and Propagation, 2008, 56, 869-881.	3.1	219
28	Experimental Characterization of Resource Allocation Algorithms in MIMO-OFDM Ad Hoc Networks. , 2007, , .		1
29	Software Defined Radio Demonstration of MIMO-OFDM Rate Adaptation. , 2006, , .		0