

Nicholas J Kirsch

List of Publications by Year in descending order

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papers

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29
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515
citing authors

#	ARTICLE	IF	CITATIONS
1	Design and Evaluation of a Reconfigurable Antenna Array for MIMO Systems. IEEE Transactions on Antennas and Propagation, 2008, 56, 869-881.	3.1	219
2	Optically transparent conductive polymer RFID meandering dipole antenna. , 2009, , .		52
3	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
4	5.5ÅGHz optically transparent mesh wire microstrip patch antenna. Electronics Letters, 2015, 51, 1220-1222.	0.5	21
5	Dual-Polarized 5.75 GHz Optically Transparent Antenna Arrays. IEEE Antennas and Wireless Propagation Letters, 2019, 18, 1512-1516.	2.4	20
6	Performance of transparent conductive polymer antennas in a MIMO ad-hoc network. , 2010, , .		17
7	Improving the performance of vehicular networks in high traffic density conditions with cognitive radios. , 2011, , .		13
8	A Proximity-Based Q-Learning Reward Function for Femtocell Networks. , 2013, , .		13
9	A De-noising Scheme Based on the Null Hypothesis of Intrinsic Mode Functions. IEEE Signal Processing Letters, 2016, 23, 924-928.	2.1	9
10	Cognitive Multi-User Multi-Relay Network: A Decentralized Scheduling Technique. IEEE Transactions on Cognitive Communications and Networking, 2021, 7, 609-623.	4.9	9
11	An EMD-Based Double Threshold Detector for Spectrum Sensing in Cognitive Radio Networks. , 2015, , .		7
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	Buffer-Aided Relaying With Direct Link Transmission and Spectrum Sharing. IEEE Transactions on Cognitive Communications and Networking, 2020, 6, 631-644.	4.9	7
14	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
15	Cognitive Buffer-Aided Mixed RF/FSO Backhauling Network With Switch-Based Rate Adaptation. IEEE Communications Letters, 2021, 25, 2644-2648.	2.5	5
16	Accelerated learning in machine learning-based resource allocation methods for Heterogenous Networks. , 2013, , .		4
17	An EMD-Based Spectrum Sensing Technique for Cognitive Radio Networks. , 2015, , .		4
18	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

#	ARTICLE	IF	CITATIONS
19	An Intrinsic Mode Function based energy detector for spectrum sensing in cognitive radio. , 2017, , .		3
20	Wireless sensor system for detection of occupants to increase building energy efficiency. , 2016, , .		2
21	The Impedance of Optically Transparent Thin Mesh Wire RF Devices. , 2021, , .		2
22	Experimental Characterization of Resource Allocation Algorithms in MIMO-OFDM Ad Hoc Networks. , 2007, , .		1
23	Noise Estimation for Spectrum Sensing Schemes. , 2016, , .		1
24	An adaptive energy detection scheme using EMD for spectrum sensing. , 2017, , .		1
25	A Bi-Conical Log-Periodic Antenna for Vehicular Communications. , 2017, , .		1
26	Caller ID for Rissoâ€™s and Pacific White-sided dolphins. Scientific Reports, 2022, 12, 4510.	1.6	1
27	Software Defined Radio Demonstration of MIMO-OFDM Rate Adaptation. , 2006, , .		0
28	Beam Steering with 5.75 GHz Dual Polarized Optically Transparent Patch Antenna Arrays. , 2019, , .		0
29	Synchronization of Distributed Generators in a Microgrid under Communication Latency. , 2020, , .		0