Kalapraveen Bagadi

List of Publications by Year in Descending Order

21 papers	176 citations	8 h-index	12 g-index
29 ext. papers	219 ext. citations	1.7 avg, IF	3.45 L-index

#	Paper	IF	Citations
21	Radial basis function-based node localization for unmanned aerial vehicle-assisted 5G wireless sensor networks. *Neural Computing and Applications*, **2021**, 33, 12333	4.8	2
20	Design of Large Scale MU-MIMO System with Joint Precoding and Detection Schemes for Beyond 5G Wireless Networks. *Wireless Personal Communications*, **2021**, 121, 1627	1.9	1
19	Design of near-optimal local likelihood search-based detection algorithm for coded large-scale MU-MIMO system. *International Journal of Communication Systems*, **2020**, 33, e4436	1.7	7
18	Design of Massive Multiuser MIMO System to Mitigate Inter Antenna Interference and Multiuser Interference in 5G Wireless Networks. *Journal of Communications*, **2020**, 693-701	0.5	3
17	Likelihood Ascent Search Detection for Coded Massive MU-MIMO Systems to Mitigate IAI and MUI. *Radioelectronics and Communications Systems*, **2020**, 63, 223-234	0.9	3
16	Work on the Evaluation Parameters of Serial and Parallel Relay-Assisted FSO System. *Journal of Optical Communications*, **2019**,	1.2	1
15	Lenstra Lenstra Lovâz (LLL) Assisted Likelihood Ascent Search (LAS) Algorithm for Signal Detection in Massive MIMO **2019**,		3
14	Design of MC-CDMA receiver using radial basis function network to mitigate multiple access interference and nonlinear distortion. *Neural Computing and Applications*, **2019**, 31, 1263-1273	4.8	8
13	Lattice Reduction Assisted Likelihood Ascent Search Algorithm for Multiuser Detection in Massive MIMO System **2018**,		6
12	MC□CDMA receiver design using recurrent neural networks for eliminating multiple access interference and nonlinear distortion. *International Journal of Communication Systems*, **2017**, 30, e3328	1.7	8
11	Modelling of IoT Traffic and Its Impact on LoRaWAN **2017**,		22
10	Performance Analysis of IPv4 to IPv6 Transition Methods. *Indian Journal of Science and Technology*, **2016**, 9,	1	2
9	Recent trends in multiuser detection techniques for SDMA□OFDM communication system. *Physical Communication*, **2016**, 20, 93-108	2.2	18
8	Adaptive channel equalization using recurrent neural network under SUI channel model **2015**,		1
7	Equalization of Stanford University Interim channels using adaptive multilayer perceptron NN model **2015**,		2
6	Minimum symbol error rate multiuser detection using an effective invasive weed optimization for MIMO/SDMA□OFDM system. *International Journal of Communication Systems*, **2014**, 27, 3837-3854	1.7	10
5	Multiuser Detection in SDMA□OFDM Wireless Communication System Using Complex Multilayer Perceptron Neural Network. *Wireless Personal Communications*, **2014**, 77, 21-39	1.9	14

4	Neural network-based adaptive multiuser detection schemes in SDMA OFDM system for wireless application. *Neural Computing and Applications*, **2013**, 23, 1071-1082	4.8	15
3	Efficient complex radial basis function model for multiuser detection in a space division multiple access/multiple-input multiple-output orthogonal frequency division multiplexing system. *IET Communications*, **2013**, 7, 1394-1404	1.3	12
2	Neural network-based multiuser detection for SDMA OFDM system over IEEE 802.11n indoor wireless local area network channel models. *International Journal of Electronics*, **2013**, 100, 1332-1347	1.2	12
1	MIMO-OFDM Channel Estimation Using Pilot Carries. *International Journal of Computer Applications*, **2010**, 2, 81-88	1.1	23