Prabina Pattanayak

List of Publications by Year
in descending order

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26 papers	329 citations	1039406 9 h-index	940134 16 g-index
27 all docs	27 docs citations	27 times ranked	124 citing authors

#	Article	IF	Citations
1	Smart grid cyber-physical systems: communication technologies, standards and challenges. Wireless Networks, 2021, 27, 2595-2613.	2.0	42
2	A computationally efficient genetic algorithm for MIMO broadcast scheduling. Applied Soft Computing Journal, 2015, 37, 545-553.	4.1	31
3	Performance of Wireless Powered Cognitive Radio Sensor Networks With Nonlinear Energy Harvester. , 2019, 3, 1-4.		28
4	Analysis of a New MIMO Broadcast Channel Limited Feedback Scheduling Algorithm with User Grouping. Wireless Personal Communications, 2015, 80, 1079-1094.	1.8	25
5	Quantized feedback scheduling for MIMO-OFDM broadcast networks with subcarrier clustering. Ad Hoc Networks, 2017, 65, 26-37.	3.4	21
6	SINR based limited feedback scheduling for MIMO-OFDM heterogeneous broadcast networks. , 2016, , .		19
7	An efficient scheduling scheme for MIMO-OFDM broadcast networks. AEU - International Journal of Electronics and Communications, 2019, 101, 15-26.	1.7	19
8	Combined user and antenna scheduling scheme for MIMOâ€“OFDM networks. Telecommunication Systems, 2019, 70, 3-12.	1.6	18
9	Performance Impact of Hardware Impairments on Wireless Powered Cognitive Radio Sensor Networks. , 2020, 4, 1-4.		15
10	Subcarrier Wise Scheduling Methods for Multi-antenna and Multi-carrier Systems. Wireless Personal Communications, 2020, 114, 1485-1500.	1.8	12
11	IoT Based Healthcare Monitoring System Using 5G Communication andÂMachine Learning Models. Studies in Computational Intelligence, 2021, , 159-182.	0.7	12
12	Quantized feedback MIMO scheduling for heterogeneous broadcast networks. Wireless Networks, 2017, 23, 1449-1466.	2.0	10
13	BER performance of multi user scheduling for MIMO-STBC and MIMO-OFDM broadcast network with imperfect CSI. , 2017, , .		10
14	Low complexity based scheduling methods for multi-user MIMO systems. Physical Communication, 2020, 43, 101192.	1.2	9
15	Computationally efficient scheduling methods for MIMO uplink networks. Soft Computing, 2021, 25, 11763-11780.	2.1	7
16	MIMO broadcast scheduling using binary spider monkey optimization algorithm. International Journal of Communication Systems, 2021, 34, e4975.	1.6	7
17	Arithmetic/Geometric Progression Based Pilot Allocation With Antenna Scheduling for Massive MIMO Cellular Systems. IEEE Networking Letters, 2021, 3, 1-4.	1.5	6
18	Combined Transmit Antenna Selection and User Scheduling in a Massive MIMO Broadcast System. , 2020, , .		5

#	Article	IF	Citations
19	Two-Bit SINR Quantization Based Scheduling Scheme for MIMO Communications. , 2020, , .		4
20	Proficient User and Antenna Selection Strategies for Multi-carrier MIMO Communications Using Adjacent Sub-carrier Clustering. Wireless Personal Communications, 2022, 125, 1221-1242.	1.8	4
21	Pilot Contamination in Massive MIMO Communications. Springer Series in Wireless Technology, 2021, , 21-42.	1.1	3
22	Joint Antenna and User Scheduling for MU MIMO Systems Using Efficient Binary Artificial Bee Colony Algorithm. IETE Journal of Research, 2023, 69, 7660-7671.	1.8	3
23	Inter-intra cellular pilot contamination mitigation for heterogeneous massive MIMO cellular systems. Telecommunication Systems, 2022, 80, 91-103.	1.6	3
24	Efficient pilot reuse algorithms for massive MIMO cellular system. International Journal of Communication Systems, 2021, 34, e4682.	1.6	2
25	Pilot Decontamination with Pilot Scheduling for 5G Communications. Arabian Journal for Science and Engineering, 2022, 47, 2881-2891.	1.7	2
26	Low-Complexity Symbol Detection for Index Modulated Massive MIMO Systems. , 2020, , .		2