

Guilherme Ribeiro Colen

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

120
citations

1307594

7
h-index

1474206

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g-index

11
all docs

11
docs citations

11
times ranked

59
citing authors

#	ARTICLE	IF	CITATIONS
1	Orthogonal Chirp Division Multiplexing for Baseband Data Communication Systems. IEEE Systems Journal, 2020, 14, 2164-2174.	4.6	17
2	A Flexible Multicarrier Scheme Based on the Discrete Orthogonal Stockwell Transform. IEEE Systems Journal, 2020, 14, 5284-5295.	4.6	5
3	Statistical modeling of magnitudes of Brazilian in-home PLC and hybrid PLC-wireless channels. Physical Communication, 2020, 39, 101014.	2.1	6
4	Two-Stage Single-Relay Channel Model for In-Home Broadband PLC Systems. IEEE Systems Journal, 2019, 13, 204-214.	4.6	9
5	Access impedance in Brazilian in-home, broadband and low-voltage electric power grids. Electric Power Systems Research, 2019, 171, 141-149.	3.6	9
6	A temporal compressive resource allocation technique for complexity reduction in PLC transceivers. Transactions on Emerging Telecommunications Technologies, 2017, 28, e2951.	3.9	7
7	Statistical analysis and modeling of a novel parameter for resource allocation in multicarrier PLC systems. Transactions on Emerging Telecommunications Technologies, 2017, 28, e3180.	3.9	9
8	A Spectral Compressive Resource Allocation Technique for PLC Systems. IEEE Transactions on Communications, 2017, 65, 816-826.	7.8	18
9	A bit loading technique with reduced complexity for periodically time varying PLC channel. , 2015, , .		0
10	A novel power line communication system for outdoor electric power grids. , 2015, , .		6
11	Clustered orthogonal frequency division multiplexing for power line communication: when is it beneficial?. IET Communications, 2014, 8, 2336-2347.	2.2	34