

Alberto Brihuega

List of Publications by Year in descending order

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papers

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20
docs citations

20
times ranked

213
citing authors

#	ARTICLE	IF	CITATIONS
1	Digital Predistortion for Hybrid MIMO Transmitters. IEEE Journal on Selected Topics in Signal Processing, 2018, 12, 445-454.	10.8	91
2	Piecewise Digital Predistortion for mmWave Active Antenna Arrays: Algorithms and Measurements. IEEE Transactions on Microwave Theory and Techniques, 2020, 68, 4000-4017.	4.6	47
3	Digital Predistortion for Multiuser Hybrid MIMO at mmWaves. IEEE Transactions on Signal Processing, 2020, 68, 3603-3618.	5.3	36
4	Gradient-Adaptive Spline-Interpolated LUT Methods for Low-Complexity Digital Predistortion. IEEE Transactions on Circuits and Systems I: Regular Papers, 2021, 68, 336-349.	5.4	26
5	Neural-Network-Based Digital Predistortion for Active Antenna Arrays Under Load Modulation. IEEE Microwave and Wireless Components Letters, 2020, 30, 843-846.	3.2	22
6	Digital Predistortion in Large-Array Digital Beamforming Transmitters. , 2018, , .		17
7	On Antenna Array Out-of-Band Emissions. IEEE Wireless Communications Letters, 2019, 8, 1653-1656.	5.0	16
8	Novel Iterative Clipping and Error Filtering Methods for Efficient PAPR Reduction in 5G and Beyond. IEEE Open Journal of the Communications Society, 2021, 2, 48-66.	6.9	13
9	Frequency-Domain Digital Predistortion for OFDM. IEEE Microwave and Wireless Components Letters, 2021, 31, 816-818.	3.2	12
10	Mixture of Experts Approach for Piecewise Modeling and Linearization of RF Power Amplifiers. IEEE Transactions on Microwave Theory and Techniques, 2022, 70, 380-391.	4.6	11
11	HybridDeepRx: Deep Learning Receiver for High-EVM Signals. , 2021, , .		9
12	Closed-Loop Sign Algorithms for Low-Complexity Digital Predistortion: Methods and Performance. IEEE Transactions on Microwave Theory and Techniques, 2021, 69, 1048-1062.	4.6	5
13	Mixture of Experts Approach for Behavioral Modeling of RF Power Amplifiers. , 2021, , .		4
14	Closed-Loop DPD for Digital MIMO Transmitters Under Antenna Crosstalk. , 2019, , .		3
15	Decorrelation-based Piecewise Digital Predistortion: Operating Principle and RF Measurements. , 2019, , .		3
16	On the Power and Beam Dependency of Load Modulation in mmWave Active Antenna Arrays. , 2021, , .		3
17	Linearizing Active Antenna Arrays: Digital Predistortion Method and Measurements. , 2019, , .		1
18	Closed-Loop Sign Algorithms for Low-Complexity Digital Predistortion. , 2020, , .		1

#	ARTICLE	IF	CITATIONS
19	Energy-Efficient Array Transmitters Through Outphasing and Over-the-Air Combining. , 2021, , .		1
20	Delta-Sigma Modulator-Embedded Digital Predistortion for 5G Transmitter Linearization. IEEE Transactions on Communications, 2022, 70, 5558-5571.	7.8	0