Cesar Sanchez-Perez

List of Publications by Year
in descending order

20 papers	279 citations	1684188 5 h-index	1872680 6 g-index
20 all docs	20 docs citations	20 times ranked	320 citing authors

#	Article	IF	Citations
1	On the impact of hardware impairments on massive MIMO. , 2014, , .		75
2	Prediction of Nonlinear Distortion in Wideband Active Antenna Arrays. IEEE Transactions on Microwave Theory and Techniques, 2017, 65, 4550-4563.	4.6	68
3	Design and Applications of a 300–800 MHz Tunable Matching Network. IEEE Journal on Emerging and Selected Topics in Circuits and Systems, 2013, 3, 531-540.	3.6	31
4	Optimized Design of a Dual-Band Power Amplifier With SiC Varactor-Based Dynamic Load Modulation. IEEE Transactions on Microwave Theory and Techniques, 2015, 63, 2579-2588.	4.6	31
5	Outphasing combiner synthesis from transistor load pull data. , 2015, , .		18
6	Performance improvement of mobile DVB-H terminals using a reconfigurable impedance tuning network. IEEE Transactions on Consumer Electronics, 2009, 55, 1875-1882.	3.6	17
7	Design and Large-Signal Characterization of High-Power Varactor-Based Impedance Tuners. IEEE Transactions on Microwave Theory and Techniques, 2018, 66, 1744-1753.	4.6	13
8	Tunable outphasing for power amplifier efficiency improvement under load mismatch. , 2012, , .		6
9	Digital predistortion based on Zernike polynomial functions for RF nonlinear power amplifiers. , 2012, , .		4
10	Automated design of optimized tunable matching networks in the UHF band. , 2012, , .		4
11	Design of a Varactor-Based Matching Network Using Antenna Input Impedance Variation Knowledge. , 2011, , .		3
12	Improving Digital Predistortion Mismatch Sensitivity Using Tunable Matching Networks. , 2011, , .		3
13	Optimization of the Efficiency and Linearity in RF Power Amplifiers under Load Variations Using a Reconfigurable Matching Network. , 2010, , .		2
14	Behavioral Power Amplifier Modeling and Digital Predistorter Design with a Chirp Excitation Signal. , 2011, , .		2
15	2-D Optimization Methodology for Reconfigurable Transmitters by Tunable Matching Networks. IEEE Transactions on Circuits and Systems II: Express Briefs, 2017, 64, 1277-1281.	3.0	2
16	Exploring the use of reconfigurable matching networks for efficiency and linearity improvement in RF power amplifiers under load variations. , 2010, , .		0
17	Load impedance estimation for fast and accurate configuration of tunable matching networks. , 2011, , .		0
18	Performance comparison of training sequences for power amplifier linearization systems. , 2011, , .		0

#	Article	IF	Citations
19	High Power Amplifier Linearization Using Zernike Polynomials in a LTE Transmission. , 2012, , .		0
20	Digital Predistortion using non-stationary windowed sequences for LTE power amplifier linearization. , 2012, , .		0