

# Cesar Sanchez-Perez

## List of Publications by Year in descending order

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Version: 2024-02-01

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	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
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	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
4	Outphasing combiner synthesis from transistor load pull data. , 2015, , .		18
5	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
6	On the impact of hardware impairments on massive MIMO. , 2014, , .		75
7	Design and Applications of a 300â€“800 MHz Tunable Matching Network. IEEE Journal on Emerging and Selected Topics in Circuits and Systems, 2013, 3, 531-540.	3.6	31
8	Digital predistortion based on Zernike polynomial functions for RF nonlinear power amplifiers. , 2012, , .		4
9	Automated design of optimized tunable matching networks in the UHF band. , 2012, , .		4
10	Tunable outphasing for power amplifier efficiency improvement under load mismatch. , 2012, , .		6
11	High Power Amplifier Linearization Using Zernike Polynomials in a LTE Transmission. , 2012, , .		0
12	Digital Predistortion using non-stationary windowed sequences for LTE power amplifier linearization. , 2012, , .		0
13	Behavioral Power Amplifier Modeling and Digital Predistorter Design with a Chirp Excitation Signal. , 2011, , .		2
14	Load impedance estimation for fast and accurate configuration of tunable matching networks. , 2011, , .		0
15	Performance comparison of training sequences for power amplifier linearization systems. , 2011, , .		0
16	Design of a Varactor-Based Matching Network Using Antenna Input Impedance Variation Knowledge. , 2011, , .		3
17	Improving Digital Predistortion Mismatch Sensitivity Using Tunable Matching Networks. , 2011, , .		3
18	Exploring the use of reconfigurable matching networks for efficiency and linearity improvement in RE power amplifiers under load variations. , 2010, , .		0

#	ARTICLE	IF	CITATIONS
19	Optimization of the Efficiency and Linearity in RF Power Amplifiers under Load Variations Using a Reconfigurable Matching Network. , 2010, , .		2
20	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