Aitziber Anakabe Iturriaga

List of Publications by Year
in descending order

25 papers	415 citations	1307594 7 h-index	1125743 13 g-index
25 all docs	25 docs citations	25 times ranked	142 citing authors

#	Article	IF	Citations
1	Efficient Calculation of Stabilization Parameters in RF Power Amplifiers. IEEE Transactions on Microwave Theory and Techniques, 2020, 68, 3686-3696.	4.6	2
2	Pole-Zero Identification: Unveiling the Critical Dynamics of Microwave Circuits Beyond Stability Analysis. IEEE Microwave Magazine, 2019, 20, 36-54.	0.8	13
3	In-Circuit Characterization of Low-Frequency Stability Margins in Power Amplifiers. IEEE Transactions on Microwave Theory and Techniques, 2019, 67, 822-833.	4.6	2
4	Detecting Critical Resonances in Microwave Amplifiers through Noise Simulations. , 2018, , .		0
5	Analysis of Odd-Mode Parametric Instabilities at Fundamental Frequency in an X-Band MMIC Power Amplifier. , 2016, , .		5
6	Characterization techniques for stability and noise in microwave amplifiers under large-signal excitations. , 2016, , .		0
7	Stability analysis of multistage power amplifiers using Multiple-Input Multiple-Output identification. , 2016, , .		8
8	Experimental Control and Design of Low-Frequency Bias Networks for Dynamically Biased Amplifiers. IEEE Transactions on Microwave Theory and Techniques, 2015, 63, 1923-1936.	4.6	6
9	Combined control of drain video bandwidth and stability margins in power amplifiers for envelope tracking applications. , 2014, , .		6
10	Joint RF and large-signal stability optimization of MMIC power combining amplifiers. International Journal of Microwave and Wireless Technologies, 2013, 5, 683-688.	1.9	6
11	Increasing low-frequency stability margins in microwave amplifiers from experimental data. , 2012, , .		5
12	Experimental Characterization of Stability Margins in Microwave Amplifiers. IEEE Transactions on Microwave Theory and Techniques, 2012, 60, 4145-4156.	4.6	11
13	Stability analysis of microwave circuits. , 2012, , .		16
14	Monte-Carlo stability analysis of microwave amplifiers. , 2011, , .		9
15	Systematic Approach to the Stabilization of Multitransistor Circuits. IEEE Transactions on Microwave Theory and Techniques, 2011, 59, 2073-2082.	4.6	49
16	Sensitivity Enhancement in Pole-Zero Identification Based Stability Analysis of Microwave Circuits. , 2008, , .		14
17	Multiport-Amplifier-Based Architecture Versus Classical Architecture for Space Telecommunication Payloads. IEEE Transactions on Microwave Theory and Techniques, 2006, 54, 4353-4361.	4.6	27
18	Multi-Port Amplifier Operation for Ka-band Space Telecommunication Applications. , 2006, , .		6

#	Article	IF	Citations
19	Detecting and avoiding odd-mode parametric oscillations in microwave power amplifiers. International Journal of RF and Microwave Computer-Aided Engineering, 2005, 15, 469-478.	1.2	18
20	Control design in the harmonic domain for microwave and RF circuits. IET Control Theory and Applications, 2003, 150, 127-131.	1.7	14
21	Efficient nonlinear Stability Analysis of Microwave Circuits using Commercially Available Tools. , 2002, , .		6
22	Harmonic-balance analysis of digital frequency dividers. IEEE Microwave and Wireless Components Letters, 2002, 12, 287-289.	3.2	4
23	Analysis of nonlinear RF and microwave circuits using harmonic balance and system identification methods. International Journal of RF and Microwave Computer-Aided Engineering, 2002, 12, 448-459.	1.2	4
24	Closed-loop stability analysis of microwave amplifiers. Electronics Letters, 2001, 37, 226.	1.0	146
25	Analysis and elimination of parametric oscillations in monolithic power amplifiers. , 0, , .		38