

# Aitziber Anakabe Iturriaga

## List of Publications by Year in descending order

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25  
papers

415  
citations

1307594

7  
h-index

1125743

13  
g-index

25  
all docs

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docs citations

25  
times ranked

142  
citing authors

#	ARTICLE	IF	CITATIONS
1	Closed-loop stability analysis of microwave amplifiers. Electronics Letters, 2001, 37, 226.	1.0	146
2	Systematic Approach to the Stabilization of Multitransistor Circuits. IEEE Transactions on Microwave Theory and Techniques, 2011, 59, 2073-2082.	4.6	49
3	Analysis and elimination of parametric oscillations in monolithic power amplifiers. , 0, , .		38
4	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
5	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
6	Stability analysis of microwave circuits. , 2012, , .		16
7	Control design in the harmonic domain for microwave and RF circuits. IET Control Theory and Applications, 2003, 150, 127-131.	1.7	14
8	Sensitivity Enhancement in Pole-Zero Identification Based Stability Analysis of Microwave Circuits. , 2008, , .		14
9	Pole-Zero Identification: Unveiling the Critical Dynamics of Microwave Circuits Beyond Stability Analysis. IEEE Microwave Magazine, 2019, 20, 36-54.	0.8	13
10	Experimental Characterization of Stability Margins in Microwave Amplifiers. IEEE Transactions on Microwave Theory and Techniques, 2012, 60, 4145-4156.	4.6	11
11	Monte-Carlo stability analysis of microwave amplifiers. , 2011, , .		9
12	Stability analysis of multistage power amplifiers using Multiple-Input Multiple-Output identification. , 2016, , .		8
13	Efficient nonlinear Stability Analysis of Microwave Circuits using Commercially Available Tools. , 2002, , .		6
14	Multi-Port Amplifier Operation for Ka-band Space Telecommunication Applications. , 2006, , .		6
15	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
16	Combined control of drain video bandwidth and stability margins in power amplifiers for envelope tracking applications. , 2014, , .		6
17	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
18	Increasing low-frequency stability margins in microwave amplifiers from experimental data. , 2012, , .		5

#	ARTICLE	IF	CITATIONS
19	Analysis of Odd-Mode Parametric Instabilities at Fundamental Frequency in an X-Band MMIC Power Amplifier. , 2016, , .		5
20	Harmonic-balance analysis of digital frequency dividers. IEEE Microwave and Wireless Components Letters, 2002, 12, 287-289.	3.2	4
21	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
22	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
23	Efficient Calculation of Stabilization Parameters in RF Power Amplifiers. IEEE Transactions on Microwave Theory and Techniques, 2020, 68, 3686-3696.	4.6	2
24	Characterization techniques for stability and noise in microwave amplifiers under large-signal excitations. , 2016, , .		0
25	Detecting Critical Resonances in Microwave Amplifiers through Noise Simulations. , 2018, , .		0