Hamid Nejati

List of Publications by Year
in descending order

26 papers	**698** citations	1163117 **8** h-index	1372567 **10** g-index
26 all docs	**26** docs citations	**26** times ranked	**378** citing authors

#	Article	IF	Citations
1	Remote sensing using coherent multipath interference of wideband planck radiation. , 2016, , .		4
2	A continuous-time sigma-delta ADC with tunable pass-band for multi-standard applications. , 2013, , .		2
3	A Framework for Investigating the Performance of Chaotic-Map Truly Random Number Generators. IEEE Transactions on Circuits and Systems II: Express Briefs, 2013, 60, 446-450.	3.0	24
4	Variability analysis of tent map-based chaotic-map truly random number generators. , 2013, , .		0
5	Theoretical analysis of the characteristic impedance in metal–insulator–metal plasmonic transmission lines. Optics Letters, 2012, 37, 1050.	3.3	33
6	RCS analysis of tree trunk above rough surface using reaction theorem. , 2012, , .		1
7	Discrete-time chaotic-map truly random number generators: design, implementation, and variability analysis of the zigzag map. Analog Integrated Circuits and Signal Processing, 2012, 73, 363-374.	1.4	48
8	Variation tolerant design methods for wideband low noise amplifiers. Analog Integrated Circuits and Signal Processing, 2009, 58, 49-54.	1.4	3
9	Numerical Design Optimization Methodology for Wideband and Multi-Band Inductively Degenerated Cascode CMOS Low Noise Amplifiers. IEEE Transactions on Circuits and Systems I: Regular Papers, 2009, 56, 1088-1101.	5.4	53
10	A realizable modified tent map for true random number generation. , 2008, , .		11
11	Modeling and design methodology for metal-insulator-metal plasmonic Bragg reflectors. Optics Express, 2008, 16, 1475.	3.4	123
12	Expression of Concern: Analytical modeling of common-gate low noise amplifiers. , 2008, , .		26
13	A performance metric for discrete-time chaos-based truly random number generators. , 2008, , .		10
14	Expression of Concern: On the feasibility of hardware implementation of sub-Nyquist random-sampling based analog-to-information conversion. , 2008, , .		49
15	Expression of Concern: A prototype hardware for random demodulation based compressive analog-to-digital conversion. , 2008, , .		79
16	An Analytical model for characteristic impedance in nanostrip plasmonic waveguides. , 2008, , .		4
17	On the feasibility of bandwidth tuning in cascaded non-autonomous chaotic oscillators. , 2008, , .		1
18	Triangular lattice plasmonic photonic band gaps in subwavelength metal-insulator-metal waveguide structures. Applied Physics Letters, 2008, 92, 013116.	3.3	18

#	Article	IF	Citations
19	Increasing Manufacturing Yield for Wideband RF CMOS LNAs in the Presence of Process Variations. , 2007, , .		54
20	Design of optical range third-order Chebychev low-pass filter using plasmonic nanostrip waveguides. Midwest Symposium on Circuits and Systems, 2007, , .	1.0	0
21	Modeling and Design of Ultrawideband Low Noise Amplifiers with Generalized Impedance Matching Networks. , 2007, , .		38
22	Design of a maximally flat optical low pass filter using plasmonic nanostrip waveguides. Optics Express, 2007, 15, 15280.	3.4	84
23	A programmable input-pulse dependent chaotic oscillator. Midwest Symposium on Circuits and Systems, 2007, , .	1.0	3
24	Subwavelength three-dimensional Bragg filtering in integrated slot plasmonic waveguides. , 2007, , .		2
25	Analytical modeling methodology for ultrawideband low noise amplifiers with generalized filter-based impedance matching. Analog Integrated Circuits and Signal Processing, 2007, 51, 121-127.	1.4	26
26	Parasitic-Aware Analytical Modeling of Fully Integrated Switchable Narrow-Band CMOS Low Noise Amplifiers. , 2006, , .		2