

# Hamid Nejati

## List of Publications by Year in descending order

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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	Modeling and design methodology for metal-insulator-metal plasmonic Bragg reflectors. Optics Express, 2008, 16, 1475.	3.4	123
2	Design of a maximally flat optical low pass filter using plasmonic nanostrip waveguides. Optics Express, 2007, 15, 15280.	3.4	84
3	Expression of Concern: A prototype hardware for random demodulation based compressive analog-to-digital conversion. , 2008, , .		79
4	Increasing Manufacturing Yield for Wideband RF CMOS LNAs in the Presence of Process Variations. , 2007, , .		54
5	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
6	Expression of Concern: On the feasibility of hardware implementation of sub-Nyquist random-sampling based analog-to-information conversion. , 2008, , .		49
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	Modeling and Design of Ultrawideband Low Noise Amplifiers with Generalized Impedance Matching Networks. , 2007, , .		38
9	Theoretical analysis of the characteristic impedance in metal-insulator-metal plasmonic transmission lines. Optics Letters, 2012, 37, 1050.	3.3	33
10	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
11	Expression of Concern: Analytical modeling of common-gate low noise amplifiers. , 2008, , .		26
12	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
13	Triangular lattice plasmonic photonic band gaps in subwavelength metal-insulator-metal waveguide structures. Applied Physics Letters, 2008, 92, 013116.	3.3	18
14	A realizable modified tent map for true random number generation. , 2008, , .		11
15	A performance metric for discrete-time chaos-based truly random number generators. , 2008, , .		10
16	An Analytical model for characteristic impedance in nanostrip plasmonic waveguides. , 2008, , .		4
17	Remote sensing using coherent multipath interference of wideband planck radiation. , 2016, , .		4
18	A programmable input-pulse dependent chaotic oscillator. Midwest Symposium on Circuits and Systems, 2007, , .	1.0	3

#	ARTICLE	IF	CITATIONS
19	Variation tolerant design methods for wideband low noise amplifiers. Analog Integrated Circuits and Signal Processing, 2009, 58, 49-54.	1.4	3
20	Parasitic-Aware Analytical Modeling of Fully Integrated Switchable Narrow-Band CMOS Low Noise Amplifiers. , 2006, , .		2
21	Subwavelength three-dimensional Bragg filtering in integrated slot plasmonic waveguides. , 2007, , .		2
22	A continuous-time sigma-delta ADC with tunable pass-band for multi-standard applications. , 2013, , .		2
23	On the feasibility of bandwidth tuning in cascaded non-autonomous chaotic oscillators. , 2008, , .		1
24	RCS analysis of tree trunk above rough surface using reaction theorem. , 2012, , .		1
25	Design of optical range third-order Chebychev low-pass filter using plasmonic nanostrip waveguides. Midwest Symposium on Circuits and Systems, 2007, , .	1.0	0
26	Variability analysis of tent map-based chaotic-map truly random number generators. , 2013, , .		0