

B Rejaei

List of Publications by Year in descending order

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24
papers

862
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840776

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24
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24
docs citations

24
times ranked

539
citing authors

#	ARTICLE	IF	CITATIONS
1	On the design of RF spiral inductors on silicon. IEEE Transactions on Electron Devices, 2003, 50, 718-729.	3.0	238
2	Surface-Passivated High-Resistivity Silicon Substrates for RFICs. IEEE Electron Device Letters, 2004, 25, 176-178.	3.9	102
3	Nonlogarithmic repulsion of transmission eigenvalues in a disordered wire. Physical Review Letters, 1993, 71, 3689-3692.	7.8	97
4	Integrated Tunable Magnetic RF Inductor. IEEE Electron Device Letters, 2004, 25, 787-789.	3.9	68
5	Integrated solenoid inductors with patterned, sputter-deposited Cr/Fe/sub 10/Co/sub 90//Cr ferromagnetic cores. IEEE Electron Device Letters, 2003, 24, 224-226.	3.9	51
6	Surface-passivated high-resistivity silicon as a true microwave substrate. IEEE Transactions on Microwave Theory and Techniques, 2005, 53, 2340-2347.	4.6	39
7	Integrated RF inductors with micro-patterned NiFe core. Solid-State Electronics, 2007, 51, 405-413.	1.4	35
8	Equivalence of the transmission-eigenvalue density in supersymmetric and scaling theories of disordered wires without time-reversal symmetry. Physical Review B, 1996, 53, R13235-R13238.	3.2	30
9	Calculation of Shape Anisotropy for Micropatterned Thin Fe-Ni Films for On-Chip RF Applications. IEEE Transactions on Magnetics, 2004, 40, 2835-2837.	2.1	28
10	Ferromagnetic RF inductors and transformers for standard CMOS/BiCMOS. , 0, , .		26
11	A predictive model for Si-based circular spiral inductors. , 0, , .		20
12	A micromachining post-process module for RF silicon technology. , 0, , .		19
13	Substrate options and add-on process modules for monolithic RF silicon technology. , 0, , .		19
14	Mixed-Potential Volume Integral-Equation Approach for Circular Spiral Inductors. IEEE Transactions on Microwave Theory and Techniques, 2004, 52, 1820-1829.	4.6	16
15	Investigation of Microstrips with NiFe Magnetic Thin Film (II): Modelling. Transactions of the Magnetics Society of Japan, 2002, 2, 371-376.	0.5	15
16	Characterization of a bulk-micromachined post-process module: for silicon RF technology. , 0, , .		12
17	Saddle Add-On Metallization for RF-IC Technology. IEEE Transactions on Electron Devices, 2004, 51, 460-466.	3.0	11
18	Thermal effects in suspended RF spiral inductors. IEEE Electron Device Letters, 2005, 26, 541-543.	3.9	11

#	ARTICLE	IF	CITATIONS
19	Integrated Transmission Lines on High-Resistivity Silicon: Coplanar Waveguides or Microstrips?. , 2000, , .		5
20	Nonreciprocal Spin Waves in Co-Ta-Zr Films and Multilayers. IEEE Transactions on Magnetics, 2009, 45, 4215-4218.	2.1	5
21	Thin film magnetic materials for RFIC passives. , 0, , .		4
22	Effect of a Local Ground and Probe Radiation on the Microwave Characterization of Integrated Inductors. IEEE Transactions on Microwave Theory and Techniques, 2007, 55, 2240-2247.	4.6	4
23	Integrated Microstrip Lines With Co-Ta-Zr Magnetic Films. IEEE Transactions on Magnetics, 2008, 44, 3103-3106.	2.1	4
24	Amorphous silicon carbide nitride layer as an alternative to a disordered silicon surface to suppress RF/microwave losses. Microelectronic Engineering, 2014, 125, 2-7.	2.4	3