

# B Rejaei

## List of Publications by Year in descending order

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24  
papers

862  
citations

840776

11  
h-index

888059

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24  
docs citations

24  
times ranked

539  
citing authors

#	ARTICLE	IF	CITATIONS
1	Amorphous silicon carbide nitride layer as an alternative to a disordered silicon surface to suppress RF/microwave losses. <i>Microelectronic Engineering</i> , 2014, 125, 2-7.	2.4	3
2	Nonreciprocal Spin Waves in Co-Ta-Zr Films and Multilayers. <i>IEEE Transactions on Magnetics</i> , 2009, 45, 4215-4218.	2.1	5
3	Integrated Microstrip Lines With Co-Ta-Zr Magnetic Films. <i>IEEE Transactions on Magnetics</i> , 2008, 44, 3103-3106.	2.1	4
4	Effect of a Local Ground and Probe Radiation on the Microwave Characterization of Integrated Inductors. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2007, 55, 2240-2247.	4.6	4
5	Integrated RF inductors with micro-patterned NiFe core. <i>Solid-State Electronics</i> , 2007, 51, 405-413.	1.4	35
6	Surface-passivated high-resistivity silicon as a true microwave substrate. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2005, 53, 2340-2347.	4.6	39
7	Thermal effects in suspended RF spiral inductors. <i>IEEE Electron Device Letters</i> , 2005, 26, 541-543.	3.9	11
8	Saddle Add-On Metallization for RF-IC Technology. <i>IEEE Transactions on Electron Devices</i> , 2004, 51, 460-466.	3.0	11
9	Integrated Tunable Magnetic RF Inductor. <i>IEEE Electron Device Letters</i> , 2004, 25, 787-789.	3.9	68
10	Mixed-Potential Volume Integral-Equation Approach for Circular Spiral Inductors. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2004, 52, 1820-1829.	4.6	16
11	Calculation of Shape Anisotropy for Micropatterned Thin Fe-Ni Films for On-Chip RF Applications. <i>IEEE Transactions on Magnetics</i> , 2004, 40, 2835-2837.	2.1	28
12	Surface-Passivated High-Resistivity Silicon Substrates for RFICs. <i>IEEE Electron Device Letters</i> , 2004, 25, 176-178.	3.9	102
13	On the design of RF spiral inductors on silicon. <i>IEEE Transactions on Electron Devices</i> , 2003, 50, 718-729.	3.0	238
14	Integrated solenoid inductors with patterned, sputter-deposited Cr/Fe <sub>10</sub> /Co <sub>90</sub> /Cr ferromagnetic cores. <i>IEEE Electron Device Letters</i> , 2003, 24, 224-226.	3.9	51
15	Investigation of Microstrips with NiFe Magnetic Thin Film (II): Modelling. <i>Transactions of the Magnetics Society of Japan</i> , 2002, 2, 371-376.	0.5	15
16	Integrated Transmission Lines on High-Resistivity Silicon: Coplanar Waveguides or Microstrips?. , 2000, , .		5
17	Equivalence of the transmission-eigenvalue density in supersymmetric and scaling theories of disordered wires without time-reversal symmetry. <i>Physical Review B</i> , 1996, 53, R13235-R13238.	3.2	30
18	Nonlogarithmic repulsion of transmission eigenvalues in a disordered wire. <i>Physical Review Letters</i> , 1993, 71, 3689-3692.	7.8	97

#	ARTICLE	IF	CITATIONS
19	A predictive model for Si-based circular spiral inductors. , 0, , .		20
20	A micromachining post-process module for RF silicon technology. , 0, , .		19
21	Characterization of a bulk-micromachined post-process module: for silicon RF technology. , 0, , .		12
22	Ferromagnetic RF inductors and transformers for standard CMOS/BiCMOS. , 0, , .		26
23	Substrate options and add-on process modules for monolithic RF silicon technology. , 0, , .		19
24	Thin film magnetic materials for RFIC passives. , 0, , .		4