

Robert P Erickson

List of Publications by Year in descending order

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20
papers

601
citations

840776

11
h-index

888059

17
g-index

20
all docs

20
docs citations

20
times ranked

569
citing authors

#	ARTICLE	IF	CITATIONS
1	Variational theory of the tapered impedance transformer. Journal of Applied Physics, 2018, 123, 074501.	2.5	2
2	Kinetic inductance traveling-wave amplifiers for multiplexed qubit readout. Applied Physics Letters, 2018, 113, .	3.3	26
3	Theory of multiwave mixing within the superconducting kinetic-inductance traveling-wave amplifier. Physical Review B, 2017, 95, .	3.2	23
4	Low-noise kinetic inductance traveling-wave amplifier using three-wave mixing. Applied Physics Letters, 2016, 108, .	3.3	83
5	Filament-Filament Switching Can Be Regulated by Separation Between Filaments Together with Cargo Motor Number. PLoS ONE, 2013, 8, e54298.	2.5	14
6	3D Simulation of Filament-Filament Switching in Intracellular Transport. Biophysical Journal, 2012, 102, 380a.	0.5	0
7	How Molecular Motors Are Arranged on a Cargo Is Important for Vesicular Transport. PLoS Computational Biology, 2011, 7, e1002032.	3.2	66
8	A model of magnetic impurities within the Josephson junction of a phase qubit. Superconductor Science and Technology, 2010, 23, 025026.	3.5	0
9	Theory of the undulating magnetic ground state of cylindrical cobalt nanowires. Physical Review B, 2009, 80, .	3.2	11
10	Spin waves of a current-injected thin ferromagnetic stripe. Physical Review B, 2008, 78, .	3.2	0
11	Calculation of the magnetocrystalline anisotropy energy using a torque method. Journal of Applied Physics, 1997, 81, 3869-3871.	2.5	3
12	Local density approximation of magnetocrystalline anisotropy: An approach for narrowband materials. Journal of Applied Physics, 1996, 79, 4808.	2.5	2
13	Temperature-dependent non-Heisenberg exchange coupling of ferromagnetic layers (invited). Journal of Applied Physics, 1994, 75, 6163-6168.	2.5	2
14	Mechanism for non-Heisenberg-exchange coupling between ferromagnetic layers. Physical Review B, 1993, 47, 2626-2635.	3.2	126
15	Surface roughness and long-range order of a semi-infinite ferromagnet. Journal of Applied Physics, 1993, 73, 5981-5983.	2.5	1
16	Magnetic instabilities in ultrathin ferromagnets. Physical Review B, 1992, 46, 861-865.	3.2	81
17	Long-range dipole-dipole interactions in a two-dimensional Heisenberg ferromagnet. Physical Review B, 1992, 46, 14194-14197.	3.2	8
18	Microscopic theory of spin arrangements and spin waves in very thin ferromagnetic films. Physical Review B, 1991, 43, 10715-10727.	3.2	53

#	ARTICLE	IF	CITATIONS
19	Thermodynamics of thin ferromagnetic films in the presence of anisotropy and dipolar coupling. Physical Review B, 1991, 44, 11825-11835.	3.2	54
20	Anisotropy-driven long-range order in ultrathin ferromagnetic films. Physical Review B, 1991, 43, 11527-11530.	3.2	46