

John B Ketterson

List of Publications by Year in descending order

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204
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6620
citing authors

#	ARTICLE	IF	CITATIONS
1	Hybrid Germanium Iodide Perovskite Semiconductors: Active Lone Pairs, Structural Distortions, Direct and Indirect Energy Gaps, and Strong Nonlinear Optical Properties. <i>Journal of the American Chemical Society</i> , 2015, 137, 6804-6819.	6.6	710
2	Photoluminescence and ultraviolet lasing of polycrystalline ZnO thin films prepared by the oxidation of the metallic Zn. <i>Applied Physics Letters</i> , 1999, 75, 2761-2763.	1.5	516
3	Room-temperature ferromagnetism in Cu-doped ZnO thin films. <i>Applied Physics Letters</i> , 2005, 87, 082504.	1.5	362
4	Asymmetric Flux Pinning in a Regular Array of Magnetic Dipoles. <i>Physical Review Letters</i> , 1998, 80, 3614-3617.	2.9	278
5	Ultrafast switching of tunable infrared plasmons in indium tin oxide nanorod arrays with large absolute amplitude. <i>Nature Photonics</i> , 2016, 10, 267-273.	15.6	247
6	X-ray diffraction study of a Langmuir monolayer of C ₂₁ H ₄₃ OH. <i>Journal of Chemical Physics</i> , 1988, 89, 2257-2270.	1.2	151
7	The effect of hydrogen on the formation of carbon nanotubes and fullerenes. <i>Journal of Materials Research</i> , 1995, 10, 1977-1983.	1.2	119
8	Magnetization of compositionally modulated CuNi films. <i>Applied Physics Letters</i> , 1981, 38, 424-426.	1.5	104
9	Ferromagnetic resonance in periodic particle arrays. <i>Physical Review B</i> , 2002, 66, .	1.1	95
10	All-electrical manipulation of magnetization dynamics in a ferromagnet by antiferromagnets with anisotropic spin Hall effects. <i>Physical Review B</i> , 2015, 92, .	1.1	95
11	Large second-harmonic response of C ₆₀ thin films. <i>Applied Physics Letters</i> , 1992, 60, 810-812.	1.5	90
12	Large optical nonlinearity of ITO nanorods for sub-picosecond all-optical modulation of the full-visible spectrum. <i>Nature Communications</i> , 2016, 7, 12892.	5.8	88
13	Anomalous Hall effect in (110)Fe/(110)Cr multilayers. <i>Applied Physics Letters</i> , 1991, 59, 479-481.	1.5	85
14	Large second harmonic response in ZnO thin films. <i>Applied Physics Letters</i> , 2002, 80, 401-403.	1.5	79
15	Research Update: Spin transfer torques in permalloy on monolayer MoS ₂ . <i>APL Materials</i> , 2016, 4, .	2.2	75
16	Controlled Magnetic Reversal in Permalloy Films Patterned into Artificial Quasicrystals. <i>Physical Review Letters</i> , 2013, 111, 077201.	2.9	73
17	Magnetic susceptibility of buckytubes. <i>Journal of Materials Research</i> , 1994, 9, 1578-1582.	1.2	72
18	Dynamic response of an artificial square spin ice. <i>Physical Review B</i> , 2016, 93, .	1.1	71

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19	Cross-plane coherent acoustic phonons in two-dimensional organic-inorganic hybrid perovskites. Nature Communications, 2018, 9, 2019.	5.8	71
20	Large Spin-Wave Bullet in a Ferrimagnetic Insulator Driven by the Spin Hall Effect. Physical Review Letters, 2016, 116, 057601.	2.9	66
21	Interface-driven spin-torque ferromagnetic resonance by Rashba coupling at the interface between nonmagnetic materials. Physical Review B, 2016, 93, .	1.1	65
22	Magnetization reversal in the anisotropy-dominated regime using time-dependent magnetic fields. Applied Physics Letters, 2006, 89, 252507.	1.5	54
23	Hyperbolic Dispersion Arising from Anisotropic Excitons in Two-Dimensional Perovskites. Physical Review Letters, 2018, 121, 127401.	2.9	51
24	Spin waves in micro-structured yttrium iron garnet nanometer-thick films. Journal of Applied Physics, 2015, 117, .	1.1	50
25	Driving and detecting ferromagnetic resonance in insulators with the spin Hall effect. Physical Review B, 2015, 92, .	1.1	48
26	Spin pumping and inverse spin Hall effectsâ€”Insights for future spin-orbitronics (invited). Journal of Applied Physics, 2015, 117, .	1.1	47
27	Polar Fluctuations in Metal Halide Perovskites Uncovered by Acoustic Phonon Anomalies. ACS Energy Letters, 2017, 2, 2463-2469.	8.8	47
28	A note on compositionally modulated Cuâ€Ni films with latticeâ€commensurate wavelengths. Applied Physics Letters, 1981, 38, 992-994.	1.5	46
29	Surface phonons in Cu/Ni superlattices. Journal of Applied Physics, 1990, 67, 2873-2877.	1.1	45
30	Perspective: Interface generation of spin-orbit torques. Journal of Applied Physics, 2016, 120, .	1.1	42
31	Possibility of obtaining coherent radiation from a solid state undulator. Journal of Applied Physics, 1986, 60, 177-188.	1.1	39
32	Nonlinear Shear Response and Anomalous Pressure Dependence of Viscosity in a Langmuir Monolayer. Langmuir, 1997, 13, 5137-5140.	1.6	39
33	Effect of oxygen partial pressure on the in situ growth of Yâ€Baâ€Cuâ€O thin films on SrTiO ₃ . Applied Physics Letters, 1991, 59, 231-233.	1.5	38
34	Spin transport through the metallic antiferromagnet FeMn. Physical Review B, 2016, 94, .	1.1	38
35	Ultra-sharp plasmonic resonances from monopole optical nanoantenna phased arrays. Applied Physics Letters, 2014, 104, .	1.5	37
36	Resonant modes of dipole-coupled lattices. Physical Review B, 2004, 70, .	1.1	35

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37	Growth of n-type heteroepitaxial films of gray tin on (001)-CdTe by molecular beam epitaxy. Applied Physics Letters, 1989, 54, 1010-1012.	1.5	34
38	Second order optical nonlinearities of radio frequency sputter-deposited AlN thin films. Applied Physics Letters, 1993, 63, 2875-2877.	1.5	34
39	Ferromagnetic resonance study of nanoscale ferromagnetic ring lattices. Journal of Applied Physics, 2004, 95, 6645-6647.	1.1	34
40	V/Fe composition-modulated structures. Journal of Applied Physics, 1984, 55, 2494-2496.	1.1	31
41	Propagation and generation of Josephson radiation in superconductor/insulator superlattices. Journal of Applied Physics, 1987, 61, 1957-1966.	1.1	31
42	A new ultrasonic method for measuring elastic moduli in unsupported thin films: Application to Cu-Pd superlattices. Journal of Applied Physics, 1990, 68, 1622-1628.	1.1	31
43	Scanning plasmon optical microscope. Applied Physics Letters, 1995, 66, 3407-3409.	1.5	31
44	Phase-matched optical second-harmonic generation in GaN and AlN slab waveguides. Journal of Applied Physics, 1999, 85, 2497-2501.	1.1	31
45	Mutual influence between macrospin reversal order and spin-wave dynamics in isolated artificial spin-ice vertices. Physical Review B, 2018, 97, .	1.1	30
46	Ultraviolet second harmonic generation in radio-frequency sputter-deposited aluminum nitride thin films. Applied Physics Letters, 1994, 65, 1085-1087.	1.5	29
47	Optical second-harmonic generation in sputter-deposited AlN films. Journal of Applied Physics, 1998, 84, 5922-5927.	1.1	29
48	Versatile pulsed rf heterodyne spectrometer. Review of Scientific Instruments, 1981, 52, 1509-1516.	0.6	28
49	Detection of ultrasound using a tunneling microscope. Journal of Applied Physics, 1992, 72, 861-864.	1.1	28
50	Surfactant-driven spreading of a liquid on a vertical surface. Physics of Fluids, 1995, 7, 2640-2647.	1.6	28
51	Anomalous critical current in double-barrier Nb/Al-AlOx-Al-AlOx-Nb devices. Applied Physics Letters, 1999, 74, 1624-1626.	1.5	26
52	Slow thermal equilibration in methylammonium lead iodide revealed by transient mid-infrared spectroscopy. Nature Communications, 2018, 9, 2792.	5.8	25
53	Infrared-pump electronic-probe of methylammonium lead iodide reveals electronically decoupled organic and inorganic sublattices. Nature Communications, 2019, 10, 482.	5.8	25
54	Unidirectional spin-torque driven magnetization dynamics. Physical Review B, 2017, 95, .	1.1	24

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55	Dual electron beam evaporator for the preparation of composition-modulated structures. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 1984, 2, 1-4.	0.9	23
56	Anomalous transport properties of a new compositionally modulated semiconductor-semimetal system: PbTe-Bi. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 1984, 2, 296-299.	0.9	23
57	Observation of quantum size effect in the resistivity of thin, gray tin epilayers. Applied Physics Letters, 1989, 55, 1327-1329.	1.5	23
58	Magnetotransport studies of epitaxial Cr thin films. Journal of Applied Physics, 1990, 67, 4889-4891.	1.1	23
59	Apparatus to measure the shear modulus of Langmuir monolayers as functions of strain amplitude and frequency. Review of Scientific Instruments, 1997, 68, 1792-1795.	0.6	23
60	H ^T phase diagram of URu ₂ Si ₂ in high magnetic fields. Physical Review B, 2003, 68, .	1.1	23
61	Fabrication of bismuth nanowires with a silver nanocrystal shadowmask. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 2000, 18, 1326-1328.	0.9	22
62	Dynamic magnetic response of infinite arrays of ferromagnetic particles. Physical Review B, 2007, 75, .	1.1	22
63	Strongly localized magnetization modes in permalloy antidot lattices. Applied Physics Letters, 2013, 102, .	1.5	22
64	Influence of the Vertex Region on Spin Dynamics in Artificial Kagome Spin Ice. Physical Review Applied, 2020, 14, .	1.5	22
65	Critical field measurements in superconductors using ac inductive techniques. Review of Scientific Instruments, 1983, 54, 1191-1198.	0.6	21
66	Spin Hall effects in metallic antiferromagnets - perspectives for future spin-orbitronics. AIP Advances, 2016, 6, .	0.6	21
67	Switching spin valves using rf currents. Applied Physics Letters, 2006, 88, 192515.	1.5	20
68	Broadband ferromagnetic resonance studies on an artificial square spin-ice island array. Journal of Applied Physics, 2013, 113, .	1.1	20
69	Ferromagnetic resonance study of eightfold artificial ferromagnetic quasicrystals. Journal of Applied Physics, 2014, 115, .	1.1	20
70	Angular-dependent spin dynamics of a triad of permalloy macrospins. Physical Review B, 2019, 99, .	1.1	19
71	Quantitative mobility spectrum analysis (QMSA) for hall characterization of electrons and holes in anisotropic bands. Journal of Electronic Materials, 1999, 28, 548-552.	1.0	18
72	Surface plasmon scanning near-field optical microscopy. Journal of Applied Physics, 1997, 82, 5411-5415.	1.1	17

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73	Electronic and magnetic properties of MnSnAs ₂ . <i>Physica Status Solidi (B): Basic Research</i> , 2004, 241, 1462-1465.	0.7	17
74	Fiber-optic detection system for capillary waves: An apparatus for studying liquid surfaces and spread monolayers. <i>Review of Scientific Instruments</i> , 1991, 62, 2959-2962.	0.6	16
75	Microscopic study of magnetostatic spin waves. <i>Journal of Applied Physics</i> , 2005, 97, 10E309.	1.1	16
76	Highly efficient broadband second harmonic generation using polydomain epitaxial barium titanate thin film waveguides. <i>Applied Physics Letters</i> , 2008, 92, .	1.5	16
77	Ferromagnetic resonance spectra of permalloy nano-ellipses as building blocks for complex magnonic lattices. <i>Journal of Applied Physics</i> , 2019, 126, .	1.1	16
78	Ferroelectricity and coherent phonon generation in piezoelectric composition-modulated structures. <i>Journal of Applied Physics</i> , 1982, 53, 6834-6838.	1.1	15
79	A numerical study of optical second-harmonic generation in a one-dimensional photonic structure. <i>Applied Physics Letters</i> , 1999, 75, 1676-1678.	1.5	15
80	Hysteretic characteristics of low-field microwave absorption of a Co thin film. <i>Journal of Applied Physics</i> , 2009, 106, .	1.1	15
81	Direct Observation of Bandgap Oscillations Induced by Optical Phonons in Hybrid Lead Iodide Perovskites. <i>Advanced Functional Materials</i> , 2020, 30, 1907982.	7.8	15
82	Elastic and nanostructural properties of Cu/Pd superlattices. <i>Journal of Materials Research</i> , 1992, 7, 1356-1369.	1.2	14
83	Epitaxial stabilization of orthorhombic cuprous oxide films on MgO(110). <i>Journal of Materials Research</i> , 2001, 16, 914-921.	1.2	14
84	Phase relationships in CuO thin films prepared by sputtering. <i>Applied Physics Letters</i> , 1991, 59, 3174-3176.	1.5	13
85	Superconducting tunnel junction base electrode planarization. <i>Journal of Applied Physics</i> , 1998, 84, 364-367.	1.1	13
86	Angular radiation pattern of electric dipoles embedded in a thin film in the vicinity of a dielectric half space. <i>Applied Physics Letters</i> , 2006, 89, 031119.	1.5	13
87	Generating wave vector specific Damon-Eshbach spin waves in Py using a diffraction grating. <i>Applied Physics Letters</i> , 2012, 101, 052404.	1.5	13
88	Magnetic response of aperiodic wire networks based on Fibonacci distortions of square antidot lattices. <i>Journal of Applied Physics</i> , 2015, 117, .	1.1	13
89	New technique for excitation of bulk and surface spin waves in ferromagnets. <i>Journal of Applied Physics</i> , 1985, 58, 1935-1942.	1.1	12
90	Apparatus with an elastic barrier for radial compression of liquid supported monolayers. <i>Review of Scientific Instruments</i> , 1992, 63, 1822-1825.	0.6	12

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91	Highly efficient nonresonant two-photon absorption in ZnO pellets. Applied Physics Letters, 2008, 93, .	1.5	12
92	Gigahertz Acoustic Vibrations of Elastically Anisotropic Indium-Tin-Oxide Nanorod Arrays. Nano Letters, 2016, 16, 5639-5646.	4.5	10
93	Control of spin dynamics in artificial honeycomb spin-ice-based nanodisks. Physical Review B, 2020, 101, .	1.1	10
94	Theoretical and experimental study of \pm -Sn deposited on CdTe(001). Physical Review B, 2003, 67, .	1.1	9
95	Nonlinear refractive index and three-photon absorption coefficient of poly(9,9-dioctylfluorene). Applied Physics Letters, 2009, 95, 221906.	1.5	9
96	Generation of arbitrary lithographic patterns using Bose-Einstein-condensate interferometry. Physical Review A, 2016, 94, .	1.0	9
97	All-electrical detection of spin dynamics in magnetic antidot lattices by the inverse spin Hall effect. Applied Physics Letters, 2016, 108, 052403.	1.5	9
98	Surface waves in SnTe/Sb superlattices. Journal of Applied Physics, 1984, 56, 1550-1551.	1.1	8
99	Calculation of Transition Temperatures of Superconductor-Metal Sandwiches. Japanese Journal of Applied Physics, 1987, 26, 1461.	0.8	8
100	Vortex phase boundaries from ferromagnetic resonance measurements in a patterned disc array. Physical Review B, 2009, 80, .	1.1	8
101	Preparation and structural analysis of SnTe/Sb composition modulated structures. Journal of Applied Physics, 1984, 55, 920-925.	1.1	7
102	High quality $\text{Al}/\text{Si}/\text{Nb}$ and $\text{Al}/\text{SiN}/\text{NbN}$ artificial multilayers for Josephson applications. Journal of Materials Research, 1994, 9, 1678-1682.	1.2	7
103	Phases and Phase Transitions in Langmuir Monolayers by Second-Harmonic Generation. Langmuir, 1996, 12, 2298-2302.	1.6	7
104	Nonlinear optical processes at quadrupole polariton resonance in Cu probed by a Z-scan technique. Physical Review B, 2010, 82, .	1.1	7
105	Forward volume and surface magnetostatic modes in an yttrium iron garnet film for out-of-plane magnetic fields: Theory and experiment. AIP Advances, 2018, 8, .	0.6	7
106	Effects of an adjacent metal surface on spin wave propagation. AIP Advances, 2018, 8, 056024.	0.6	7
107	Shubnikov-de Haas effect in thin epitaxial films of gray tin. Applied Physics Letters, 1989, 55, 2643-2645.	1.5	6
108	Broadband ferromagnetic resonance measurements of a micromagnetic disk array using a meander-line technique. Journal of Applied Physics, 2008, 104, 063920.	1.1	6

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109	Ferrimagnetism in strained Fe ₂ As thin films on Si(001). Journal of Applied Physics, 2009, 105, 07A946.	1.1	6
110	Relationships between crystal structure and magnetic properties in type-A heteroepitaxial MnAs thin films. Journal of Applied Physics, 2012, 111, 07E125.	1.1	6
111	Nonstochastic magnetic reversal in artificial quasicrystalline spin ice. Journal of Applied Physics, 2014, 115, .	1.1	6
112	Ferromagnetic resonance in a topographically modulated permalloy film. Physical Review B, 2015, 91, .	1.1	6
113	Investigation of Current Gain in Superconducting-Ferromagnetic Transistors With High-j $\{ \}_{m c}$ Acceptor. IEEE Transactions on Applied Superconductivity, 2017, 27, 1-4.	1.1	6
114	Coupled macrospins: Mode dynamics in symmetric and asymmetric vertices. AIP Advances, 2018, 8, 056020.	0.6	6
115	Propagation of magnetostatic spin waves in an yttrium iron garnet film for out-of-plane magnetic fields. Journal of Magnetism and Magnetic Materials, 2018, 456, 241-250.	1.0	6
116	Direct detection of multiple backward volume modes in yttrium iron garnet at micron scale wavelengths. Physical Review B, 2019, 99, .	1.1	6
117	Amplification of sound by conduction electrons in a piezoelectric superlattice. Applied Physics Letters, 1983, 43, 43-45.	1.5	5
118	Formation of ultrathin tungsten filaments via selective low-pressure chemical vapor deposition. Journal of Applied Physics, 1985, 58, 987-989.	1.1	5
119	Apparatus for making superlattice Langmuir-Blodgett films with atmosphere and temperature control. Review of Scientific Instruments, 1987, 58, 822-825.	0.6	5
120	Bi _{1-x} Sbx/Bi superlattice grown by molecular beam epitaxy. Applied Physics Letters, 1994, 64, 1283-1285.	1.5	5
121	Photoionization cross section of 1s orthoexcitons in cuprous oxide. Physical Review B, 2014, 89, .	1.1	5
122	Anisotropy of the Metamagnetic Transition in UPt ₃ . Journal of Low Temperature Physics, 2000, 121, 221-226.	0.6	4
123	\hat{I}^2 -phase-domain-free \hat{I}^{\pm} MnAs thin films on GaAs(001) by postgrowth annealing. Applied Physics Letters, 2005, 87, 092504.	1.5	4
124	Silver-coated inverse opals formed from polystyrene spheres for surface-enhanced Raman scattering. Journal of Raman Spectroscopy, 2011, 42, 941-944.	1.2	4
125	FMR Study of Permalloy Films Patterned Into Square Lattices of Diamond Antidots. IEEE Transactions on Magnetics, 2013, 49, 1029-1032.	1.2	4
126	Excitation of the three principal spin waves in yttrium iron garnet using a wavelength-specific multi-element antenna. AIP Advances, 2018, 8, 056015.	0.6	4

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127	Phase detection of spin waves in yttrium iron garnet and metal induced nonreciprocity. Journal of Applied Physics, 2019, 125, 053905.	1.1	4
128	Josephson Junctions with Artificial Superparamagnetic Barrier: A Promising Avenue for Nanoscale Magnetometry. Physical Review Applied, 2020, 14, .	1.5	4
129	Ferromagnetic Resonance Modes in the Exchange-Dominated Limit in Cylinders of Finite Length. Physical Review Applied, 2021, 16, .	1.5	4
130	Anisotropic Ultrasound Propagation in a Cholesteric Liquid Crystal. Molecular Crystals and Liquid Crystals, 1978, 44, 1-22.	0.9	3
131	Solution Spectra and Stability of Current Biased Josephson Junctions in a Magnetic Field. Journal of Low Temperature Physics, 1999, 115, 45-60.	0.6	3
132	Anomalous two-photon generation of excitons in CuCl pellets. Applied Physics Letters, 2008, 92, 051912.	1.5	3
133	Effect of growth temperature on magnetic and electronic properties of epitaxially grown MnAs thin films on GaAs(100) substrates. Journal of Applied Physics, 2013, 113, 17C307.	1.1	3
134	Current-voltage characteristics of Nb-carbon-Nb junctions. Low Temperature Physics, 2014, 40, 191-198.	0.2	3
135	Surface coupling to collective and single-particle spin modes in normal ³ He. Journal of Low Temperature Physics, 1988, 71, 445-461.	0.6	2
136	A New Hybrid Pvd/Omcvd Route to High-Tc Superconducting Thin Films of Tl-Ba-Ca-Cu-O. Materials Research Society Symposia Proceedings, 1989, 169, 619.	0.1	2
137	LaSrCuGaO5: A New Brownmillerite-Related Mixed-Metal Copper Oxide. Molecular Crystals and Liquid Crystals Incorporating Nonlinear Optics, 1990, 184, 335-342.	0.3	2
138	High energy resolution x-ray detection based on a coupled Fiske cavity and Josephson junction oscillator. Applied Physics Letters, 1996, 69, 1631-1633.	1.5	2
139	Variable path cryogenic acoustic interferometer. Review of Scientific Instruments, 1998, 69, 4156-4159.	0.6	2
140	Steady transfer of a monolayer between two Langmuir troughs via the Marangoni effect. The Philosophical Magazine: Physics of Condensed Matter B, Statistical Mechanics, Electronic, Optical and Magnetic Properties, 1998, 77, 831-847.	0.6	2
141	Growth habit of rhombohedral Bi thin films on zinc-blende CdTe substrates with various orientations. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 1999, 17, 3473-3476.	0.9	2
142	Band structure observed in the current-voltage characteristics of SININIS-type junctions. JETP Letters, 2000, 71, 342-344.	0.4	2
143	ULTRASONIC AND MAGNETIZATION STUDIES AT THE METAMAGNETIC TRANSITION IN UPt3. International Journal of Modern Physics B, 2002, 16, 3066-3069.	1.0	2
144	Enhancement of the Josephson critical current in a multiterminal SINIS device under current injection. Physical Review B, 2007, 76, .	1.1	2

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145	Magnetic Properties of Ge/MnAs Digital Heterostructure. IEEE Transactions on Magnetics, 2007, 43, 3034-3036.	1.2	2
146	Metal-semiconductor transition and magnetic properties of epitaxially grown MnAs \cdot GaAs superlattices. Journal of Applied Physics, 2008, 103, 07B501.	1.1	2
147	Resonantly enhanced reflection of quadrupole polaritons in Cu ₂ O. Applied Physics Letters, 2008, 93, 121111.	1.5	2
148	Growth and magnetic and electrical-transport properties of NiAs structured Mn _{1-x} Ga _x As thin films. Journal of Applied Physics, 2008, 103, 07D102.	1.1	2
149	Observation of Robust FMR in Permalloy Quasiperiodic Arrays. IEEE Transactions on Magnetics, 2013, 49, 3101-3104.	1.2	2
150	DC and RF measurements of superconducting-ferromagnetic multi-terminal devices. , 2013, , .		2
151	Study of Surface Character of Micrometer-Scale Dipole-Exchange Spin Waves in an Yttrium Iron Garnet Film. IEEE Transactions on Magnetics, 2019, 55, 1-4.	1.2	2
152	Simulating Resonant Magnetization Reversals in Nanomagnets. IEEE Transactions on Magnetics, 2021, 57, 1-4.	1.2	2
153	Magnetic Field Sensor Based on a Single Josephson Junction With a Multilayer Ferromagnet/Normal Metal Barrier. IEEE Transactions on Applied Superconductivity, 2021, 31, 1-5.	1.1	2
154	Ferromagnetic resonance in single vertices and 2D lattices macro-dipoles of elongated nanoelements: measurements and simulations. Journal of Physics Condensed Matter, 2021, 33, 065803.	0.7	2
155	Magnetic Transitions in Fe/Cr Superlattices. Materials Research Society Symposia Proceedings, 1986, 77, 515.	0.1	1
156	Direct measurements of the mechanical properties of polymerized and unpolymerized langmuir-blodgett films. Journal of Polymer Science, Part B: Polymer Physics, 1989, 27, 1289-1300.	2.4	1
157	Ferroelectric Properties of a-Axis Textured BaTiO ₃ Thin Films. Materials Research Society Symposia Proceedings, 1993, 310, 319.	0.1	1
158	Miniature multitarget sputtering system for the in situ x-ray study of high T _c multilayer film growth. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 1994, 12, 598-600.	0.9	1
159	Vortex structure and cavity modes in stacked double Nb/AlO _x /Nb Josephson junctions. Journal of Applied Physics, 1996, 80, 2949-2954.	1.1	1
160	Thermoelectric and Structural Properties of Bi _{1-x} Te _{1+x} Thin Films on CdTe(111). Materials Research Society Symposia Proceedings, 1998, 545, 177.	0.1	1
161	Bi _{1-x} Sb _x Alloy Thin Film and Superlattice Thermoelectrics. Materials Research Society Symposia Proceedings, 1998, 545, 283.	0.1	1
162	A pulser for medium-frequency modulated direct-current reactive sputter deposition of insulators. Review of Scientific Instruments, 2000, 71, 2560-2562.	0.6	1

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163	ULTRASONIC SPECTROMETERS FOR CONDENSED MATTER STUDIES AT VERY HIGH MAGNETIC FIELD. International Journal of Modern Physics B, 2002, 16, 3391-3394.	1.0	1
164	Instrumentation for cryogenic microwave cavity resonance measurements. Review of Scientific Instruments, 2004, 75, 3158-3163.	0.6	1
165	Magnetic and electrical-transport property variations of epitaxially grown MnAs thin films. Journal of Applied Physics, 2005, 97, 10M107.	1.1	1
166	Characteristics of Zr-based single- and multiple-barrier superconducting tunnel junctions. Applied Physics Letters, 2006, 88, 212504.	1.5	1
167	Hydroxyapatite Coatings Produced by Right Angle Magnetron Sputtering for Biomedical Applications. Materials Research Society Symposia Proceedings, 2007, 1008, 1.	0.1	1
168	Assembly of ordered magnetic microsphere arrays. Journal of Applied Physics, 2008, 104, 044701.	1.1	1
169	Four-wave-mixing theory for two-photon generation of excitons in Cu . Physical Review B, 2009, 80, .	1.1	1
170	Probing the Frequency and Wavevector Dependent Response of 3He Using Patterned Piezoelectric Transducers. Journal of Low Temperature Physics, 2010, 159, 606-613.	0.6	1
171	Four-wave mixing theory for two-photon generation of excitons in thin films of Cu . Physical Review B, 2010, 81, .	1.1	1
172	Anisotropic spin structure along the easy axis of magnetization in epitaxially grown MnAs/GaAs(100) thin films. Journal of Applied Physics, 2014, 115, 17C105.	1.1	1
173	Optorheological thickening under the pulsed laser photocrosslinking of a polymer. Journal of Applied Polymer Science, 2014, 131, .	1.3	1
174	Magneto-transport anisotropy in epitaxially grown hybrid MnAs/GaAs multilayer. Journal of Applied Physics, 2015, 117, 17B903.	1.1	1
175	Measurements of long-wavelength spin waves for the magnetic field in the Damon-Eshbach, backward-volume and forward-volume geometries of an yttrium iron garnet film. Journal of Applied Physics, 2018, 123, 123902.	1.1	1
176	Thickness dependence of spin wave dynamics in three-fold nano-ellipse clusters. AIP Advances, 2018, 8, 101502.	0.6	1
177	Magnetostatic spin-waves in an yttrium iron garnet thin film: Comparison between theory and experiment for arbitrary field directions. Journal of Applied Physics, 2019, 126, .	1.1	1
178	Spin dynamics in permalloy nano-ellipses for honeycomb and square lattices. AIP Advances, 2022, 12, 035131.	0.6	1
179	A novel method of images for solving Laplace's equation and deriving demagnetization factors for spheroidal bodies. American Journal of Physics, 2022, 90, 520-528.	0.3	1
180	Collective modes in 3He -B. AIP Conference Proceedings, 1983, , .	0.3	0

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181	Possibility of obtaining coherent short wave radiation from a solid state free electron laser. AIP Conference Proceedings, 1986, , .	0.3	0
182	Technique to produce coherent x-ray radiation via laser pumping of a relativistic ion beam. Applied Physics Letters, 1986, 49, 311-313.	1.5	0
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