

Zbigniew Celinski

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180
papers

4,044
citations

32
h-index

56
g-index

190
ext. papers

4,268
ext. citations

2.8
avg, IF

4.88
L-index

#	Paper	IF	Citations
180	Magnetic anisotropies and exchange coupling in ultrathin fcc Co(001) structures. <i>Physical Review B</i> , 1991 , 44, 9348-9361	3.3	295
179	Ferromagnetic and antiferromagnetic exchange coupling in bcc epitaxial ultrathin Fe(001)/Cu(001)Fe(001) trilayers. <i>Physical Review Letters</i> , 1990 , 64, 673-676	7.4	233
178	Growth and magnetic studies of lattice expanded Pd in ultrathin Fe(001)/Pd(001)/Fe(001) structures. <i>Physical Review Letters</i> , 1990 , 65, 1156-1159	7.4	141
177	Exchange coupling in Fe/Cu, Pd, Ag, Au/Fe trilayers. <i>Journal of Magnetism and Magnetic Materials</i> , 1991 , 99, L25-L30	2.8	136
176	Ferromagnetic resonance linewidth of Fe ultrathin films grown on a bcc Cu substrate. <i>Journal of Applied Physics</i> , 1991 , 70, 5935-5937	2.5	116
175	Brillouin light-scattering experiments on exchange-coupled ultrathin bilayers of iron separated by epitaxial copper (001). <i>Physical Review B</i> , 1990 , 42, 508-521	3.3	109
174	Using ferromagnetic resonance to measure the magnetic moments of ultrathin films. <i>Journal of Magnetism and Magnetic Materials</i> , 1997 , 166, 6-26	2.8	105
173	Magnetic anisotropies in single and multilayered structures (invited). <i>Journal of Applied Physics</i> , 1991 , 70, 5769-5774	2.5	101
172	Nonreciprocal microwave devices based on magnetic nanowires. <i>Applied Physics Letters</i> , 2009 , 94, 202503-4	3.4	91
171	Bilinear and biquadratic exchange coupling in bcc Fe/Cu/Fe trilayers: Ferromagnetic-resonance and surface magneto-optical Kerr-effect studies. <i>Physical Review B</i> , 1993 , 47, 5077-5089	3.3	87
170	Structure and magnetism of epitaxially strained Pd(001) films on Fe(001): Experiment and theory. <i>Physical Review B</i> , 1995 , 51, 6364-6378	3.3	84
169	Variation of magnetization and the Landé factor with thickness in NiFe films. <i>Applied Physics Letters</i> , 2003 , 83, 93-95	3.4	74
168	Tunable high-frequency band-stop magnetic filters. <i>Applied Physics Letters</i> , 2003 , 83, 3969-3971	3.4	71
167	High attenuation tunable microwave notch filters utilizing ferromagnetic resonance. <i>Journal of Applied Physics</i> , 2000 , 87, 6911-6913	2.5	67
166	Mössbauer investigation of the growth of the Fe multilayer in Fe(100)/Ag(100) structures. <i>Physical Review B</i> , 1995 , 51, 2506-2514	3.3	66
165	Liquid crystal phase shifters at millimeter wave frequencies. <i>Journal of Applied Physics</i> , 2012 , 111, 054504-5	4.5	65
164	Exchange bias of NiO/NiFe: Linewidth broadening and anomalous spin-wave damping. <i>Journal of Applied Physics</i> , 2003 , 93, 7723-7725	2.5	63

163	Different dynamic and static magnetic anisotropy in thin Permalloy films. <i>Applied Physics Letters</i> , 2003 , 83, 96-98	3.4	59
162	Extrinsic contribution to Gilbert damping in sputtered NiFe films by ferromagnetic resonance. <i>Journal of Magnetism and Magnetic Materials</i> , 2005 , 286, 276-281	2.8	56
161	Magnetization dynamics in spin torque nano-oscillators: Vortex state versus uniform state. <i>Physical Review B</i> , 2009 , 80,	3.3	50
160	Enhanced magnetic moments in bcc Fe films. <i>Physical Review B</i> , 1995 , 51, 258-272	3.3	49
159	High-frequency magnetic microstrip local bandpass filters. <i>Applied Physics Letters</i> , 2005 , 87, 222506	3.4	46
158	A broadband ferromagnetic resonance spectrometer to measure thin films up to 70 GHz. <i>Review of Scientific Instruments</i> , 2011 , 82, 095115	1.7	43
157	Narrowing of the frequency-linewidth in structured magnetic strips: Experiment and theory. <i>Applied Physics Letters</i> , 2005 , 87, 012502	3.4	43
156	Analysis of bilinear and biquadratic exchange coupling in Fe/Ag/Fe(001) trilayers. <i>Journal of Applied Physics</i> , 1993 , 73, 5966-5968	2.5	43
155	High-frequency signal processing using magnetic layered structures. <i>Journal of Magnetism and Magnetic Materials</i> , 2009 , 321, 2048-2054	2.8	42
154	Physical properties of Al doped Ba hexagonal ferrite thin films. <i>Journal of Applied Physics</i> , 2013 , 113, 043903	2.5	40
153	The temperature dependence of the bilinear and biquadratic exchange coupling in Fe/Cu, Ag/Fe(001) structures. <i>Journal of Magnetism and Magnetic Materials</i> , 1995 , 145, L1-L5	2.8	39
152	Annealing effects and degradation mechanism of NiFe/Cu GMR multilayers. <i>Journal of Magnetism and Magnetic Materials</i> , 2002 , 247, 62-69	2.8	37
151	Nonlinear ferromagnetic resonance in permalloy films: A nonmonotonic power-dependent frequency shift. <i>Physical Review B</i> , 2010 , 81,	3.3	34
150	Nonlinear amplification and mixing of spin waves in a microstrip geometry with metallic ferromagnets. <i>Applied Physics Letters</i> , 2011 , 98, 042505	3.4	34
149	Relaxation in epitaxial Fe films measured by ferromagnetic resonance. <i>Journal of Applied Physics</i> , 2004 , 95, 6610-6612	2.5	33
148	Spin wave resonance excitation in ferromagnetic films using planar waveguide structures. <i>Journal of Applied Physics</i> , 2010 , 108, 023907	2.5	32
147	High-frequency signal processing using ferromagnetic metals. <i>IEEE Transactions on Magnetics</i> , 2005 , 41, 3538-3543	2	32
146	Iron and Permalloy based magnetic monolithic tunable microwave devices. <i>Journal of Applied Physics</i> , 2003 , 93, 8591-8593	2.5	30

145	Thermally induced modification of GMR in Co/Cu multilayers: correlation among structural, transport, and magnetic properties. <i>Journal Physics D: Applied Physics</i> , 2003 , 36, 564-572	3	30
144	Rotatable anisotropy and mixed interfaces: Exchange bias in Fe/KNiF ₃ . <i>Physical Review B</i> , 2004 , 69,	3,3	28
143	In-Situ Techniques for Studying Epitaxially Grown Layers and Determining their Magnetic Properties. <i>Materials Research Society Symposia Proceedings</i> , 1989 , 151, 177		28
142	Surface magneto-optical Kerr effect for ultrathin Ni-Fe bilayers. <i>Journal of Applied Physics</i> , 1990 , 67, 4448-4450	2.5	28
141	Ferromagnetic particles as magnetic resonance imaging temperature sensors. <i>Nature Communications</i> , 2016 , 7, 12415	17.4	28
140	Mössbauer-effect investigation of the Fe(001)/Ag(001) interface. <i>Physical Review B</i> , 1993 , 48, 2577-2582	3.3	26
139	Magnetic properties of ultrathin bcc Fe(001) films grown epitaxially on Ag(001) substrates. <i>Journal of Magnetism and Magnetic Materials</i> , 1991 , 93, 331-335	2.8	26
138	Ferromagnetic and antiferromagnetic exchange coupling in ultrathin Fe(001)/Pd(001)/Fe(001) structures. <i>Journal of Applied Physics</i> , 1991 , 70, 5870-5872	2.5	26
137	Preparation and characterization of barium hexagonal ferrite thin films on a Pt template. <i>Journal of Applied Physics</i> , 2010 , 107, 073903	2.5	24
136	Injection locking of the gyrotropic vortex motion in a nanopillar. <i>Applied Physics Letters</i> , 2010 , 97, 142503	3.4	24
135	The growth of metastable bcc Cu(001) and lattice expanded Pd(001) and magnetic coupling in Fe/Cu/Fe and Fe/Pd/Fe trilayers. <i>Journal of Magnetism and Magnetic Materials</i> , 1991 , 93, 75-79	2.8	24
134	Spin polarised neutron reflection studies of ultrathin magnetic films. <i>Journal of Magnetism and Magnetic Materials</i> , 1992 , 104-107, 1909-1912	2.8	24
133	Nickel nanowires for planer microwave circuit applications and characterization. <i>Journal of Vacuum Science & Technology B</i> , 2007 , 25, 2619		23
132	On-wafer magnetically tunable millimeter wave notch filter using M-phase Ba hexagonal ferrite/Pt thin films on Si. <i>Applied Physics Letters</i> , 2014 , 105, 173503	3.4	21
131	Increasing the switching speed of liquid crystal devices with magnetic nanorods. <i>Applied Physics Letters</i> , 2012 , 101, 181109	3.4	21
130	Gigahertz frequency tunable noise suppressor using nickel nanorod arrays and Permalloy films. <i>Journal of Applied Physics</i> , 2009 , 105, 07A520	2.5	21
129	Incorporation of ferromagnetic metallic films in planar transmission lines for microwave device applications. <i>IEEE Transactions on Magnetism</i> , 2001 , 37, 2392-2394	2	21
128	Size dependent microwave properties of ferrite nanoparticles: Application to microwave devices. <i>Journal of Applied Physics</i> , 2009 , 105, 07B522	2.5	20

127	Iron-based microstrip band-stop filters at higher microwave frequency range: Design optimization using shape anisotropy. <i>Journal of Applied Physics</i> , 2006 , 99, 08P512	2.5	20
126	Magnetically tunable micro-strip band-stop filter: Design optimization and characterization. <i>Journal of Applied Physics</i> , 2005 , 97, 10Q103	2.5	20
125	Liquid crystals for signal processing applications in the microwave and millimeter wave frequency ranges. <i>Liquid Crystals Reviews</i> , 2018 , 6, 17-52	2.8	19
124	Effects of adjusting the position of the magnetic layer in magnetic notch filters. <i>Journal of Applied Physics</i> , 2007 , 102, 063907	2.5	19
123	Effect of shape anisotropy on stop-band response of Fe and permalloy based tunable microstrip filters. <i>IEEE Transactions on Magnetics</i> , 2004 , 40, 2841-2843	2	19
122	MBE growth and FMR, BLS and MOKE studies of exchange coupling in Fe whisker/Cr/Fe(001) and in Fe/Cu/Fe(001) Bose spin structures. <i>Journal of Magnetism and Magnetic Materials</i> , 1995 , 140-144, 545-548	2.8	19
121	Single crystal Fe _{1-x} Gax thin films for monolithic microwave devices. <i>Journal of Applied Physics</i> , 2014 , 115, 17C112	2.5	18
120	Realization of hexagonal barium ferrite thick films on Si substrates using a screen printing technique. <i>Journal Physics D: Applied Physics</i> , 2008 , 41, 095006	3	18
119	Magneto-dichroic effects in energy- and angle-resolved photoemission: contrast mechanisms for the elementally sensitive imaging of magnetic domains. <i>Journal of Physics Condensed Matter</i> , 1994 , 6, 1177-1182	1.8	18
118	Magneto-optic response in ultrathin Ni ₂ Fe bilayers. <i>Journal of Magnetism and Magnetic Materials</i> , 1992 , 104-107, 1837-1839	2.8	18
117	Nonlinearly generated harmonic signals in ultra-small waveguides with magnetic films: Tunable enhancements of 2nd and 4th harmonics. <i>Applied Physics Letters</i> , 2012 , 100, 102404	3.4	17
116	Element specific imaging of magnetic domains in multicomponent thin film systems. <i>Journal of Magnetism and Magnetic Materials</i> , 1996 , 162, 7-20	2.8	17
115	Exponentially decaying magnetic coupling in sputtered thin film FeNi/Cu/FeCo trilayers. <i>Applied Physics Letters</i> , 2015 , 106, 042405	3.4	16
114	Metallic surfaces as alignment layers for nondisplay applications of liquid crystals. <i>Applied Physics Letters</i> , 2011 , 98, 073301	3.4	16
113	High-frequency characterization of Permalloy nanosized strips using network analyzer ferromagnetic resonance. <i>Journal of Applied Physics</i> , 2008 , 103, 07C508	2.5	16
112	Observation of the exchange-coupled modes in Fe(001) /Pd/Fe(001) ultrathin trilayers. <i>Journal of Magnetism and Magnetic Materials</i> , 1991 , 93, 229-232	2.8	16
111	Curie temperature and magnetic properties of aluminum doped barium ferrite particles prepared by ball mill method. <i>Journal of Magnetism and Magnetic Materials</i> , 2015 , 395, 350-353	2.8	15
110	Microstrip-Tunable Band-Pass Filter Using Ferrite (Nanoparticles) Coupled Lines. <i>IEEE Transactions on Magnetics</i> , 2009 , 45, 4226-4229	2	15

109	Effect of cell size in calculating frequencies of magnetic modes using micromagnetics: Special role of the uniform mode. <i>Physical Review B</i> , 2008 , 78,	3.3	15
108	Determination of exchange and rotational anisotropies in IrMnBe(t)Mn exchange coupled structures using dynamic and static techniques: Application to microwave devices. <i>Journal of Applied Physics</i> , 2008 , 103, 07C107	2.5	15
107	Photoemission study of Eu valency in EuF ₃ ultrathin buried layers and single crystals. <i>Physica Status Solidi (B): Basic Research</i> , 2004 , 241, R15-R18	1.3	15
106	Studies of Exchange Coupling in Fe(001) Whisker/Cr/Fe Structures Using bls and Rheed Techniques.. <i>Materials Research Society Symposia Proceedings</i> , 1993 , 313, 119		15
105	Diffuse polarised neutron reflection studies of ultrathin bcc Fe(001) epitaxial films. <i>Journal of Magnetism and Magnetic Materials</i> , 1993 , 121, 189-193	2.8	15
104	Zinc doped copper ferrite particles as temperature sensors for magnetic resonance imaging. <i>AIP Advances</i> , 2017 , 7, 056703	1.5	14
103	Thermal training of exchange bias in epitaxial Fe/KNiF ₃ . <i>Physical Review B</i> , 2004 , 69,	3.3	14
102	Magnetic anisotropies in ultrathin fcc Fe(001) films grown on Cu(001) substrates. <i>Journal of Applied Physics</i> , 1991 , 69, 5206-5208	2.5	14
101	Magnetization Relaxation in Sputtered Thin Fe Films: An FMR Study. <i>IEEE Transactions on Magnetics</i> , 2006 , 42, 2930-2932	2	13
100	Hexagonal lattice of 10-nm magnetic dots. <i>Journal of Applied Physics</i> , 2003 , 93, 7325-7327	2.5	13
99	Development of Ferrite-Based Temperature Sensors for Magnetic Resonance Imaging: A Study of CuZnFeO. <i>Physical Review Applied</i> , 2018 , 9,	4.3	13
98	Frequency and field dependent dynamic properties of CoFe ₂ Al _x O ₄ ferrite nanoparticles. <i>Materials Research Bulletin</i> , 2016 , 76, 22-27	5.1	12
97	Electrically Tunable Open-Stub Bandpass Filters Based on Nematic Liquid Crystals. <i>Physical Review Applied</i> , 2017 , 8,	4.3	11
96	. <i>IEEE Transactions on Magnetics</i> , 2009 , 45, 4052-4055	2	11
95	Dynamic properties of arrays of ferromagnetic rectangular bars. <i>Journal of Applied Physics</i> , 2007 , 101, 09F516	2.5	11
94	Proximity effects at epitaxial Co/FeMn thin film systems (invited). <i>Journal of Applied Physics</i> , 2003 , 93, 6504-6506	2.5	11
93	Fabrication and characterization of microwave phase shifter in microstrip geometry with Fe film as the frequency tuning element. <i>Journal of Magnetism and Magnetic Materials</i> , 2019 , 489, 165412	2.8	10
92	Monolithic Microwave Nonlinear Phase Shifter. <i>IEEE Magnetics Letters</i> , 2015 , 6, 1-4	1.6	10

91	Positive correlation between coercivity and ferromagnetic resonance extrinsic linewidth in FeCoV/SiO ₂ films. <i>Applied Physics Letters</i> , 2014 , 104, 072404	3.4	10
90	. <i>IEEE Transactions on Magnetics</i> , 2008 , 44, 4571-4577	2	10
89	On-wafer microwave signal-to-noise enhancer using NiFe films. <i>Applied Physics Letters</i> , 2008 , 92, 022512	3.4	10
88	Exchange bias in the Fe/KCoF ₃ system: A comprehensive magnetometry study. <i>Journal of Applied Physics</i> , 2003 , 93, 6835-6837	2.5	10
87	Loose spins in Fe/Cu/Fe(001) structures. <i>Journal of Applied Physics</i> , 1994 , 75, 6187-6189	2.5	10
86	One dimensional Fe _x Co _{1-x} nanowires; ferromagnetic resonance and magnetization dynamics. <i>AIP Advances</i> , 2017 , 7, 056027	1.5	9
85	Al doped Ba hexaferrite (BaAl _x Fe _{12-x} O ₁₉) thin films on Pt using metallo-organic decomposition. <i>Journal of Applied Physics</i> , 2012 , 111, 07A514	2.5	9
84	Analytical analysis of a multilayer structure with ultrathin Fe film for magneto-optical sensing. <i>Optics Express</i> , 2013 , 21, 3400-16	3.3	9
83	Increasing Operational Frequency in Microwave Devices by Using [SmCo/NiFe] Multilayered Structures. <i>IEEE Transactions on Magnetics</i> , 2007 , 43, 2648-2650	2	9
82	. <i>IEEE Transactions on Magnetics</i> , 2007 , 43, 2645-2647	2	9
81	Thermally activated deterioration processes in Co/Cu GMR multilayers. <i>Journal of Applied Physics</i> , 2001 , 89, 7113-7115	2.5	9
80	Thermal stability and degradation mechanism of NiFe/Cu giant magnetoresistance multilayer systems. <i>Journal of Applied Physics</i> , 2002 , 91, 7203	2.5	9
79	Preparation, structure and magnetic properties of (Cd _{1-x} Mn _x) ₃ As ₂ crystals. <i>Materials Research Bulletin</i> , 1987 , 22, 419-426	5.1	9
78	Structural, magnetic and toxicity studies of ferrite particles employed as contrast agents for magnetic resonance imaging thermometry. <i>Journal of Magnetism and Magnetic Materials</i> , 2020 , 497, 165981	2.8	9
77	Variation in ferromagnetic domain density and domain asymmetry in Fe/FeF ₂ exchange bias structures. <i>Physical Review B</i> , 2008 , 77,	3.3	8
76	Correlation between microstructural and magnetic properties in Fe/KCoF ₃ bilayers. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 2003 , 21, 1162-1166	2.9	8
75	Size dependence of magnetic domain patterns in exchange-biased Permalloy/NiO microstructures. <i>Journal Physics D: Applied Physics</i> , 2002 , 35, 2472-2478	3	8
74	Molecular beam epitaxy system at an undergraduate institution. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 2001 , 19, 383-385	2.9	8

73	Enhanced magnetic moments in epitaxial bcc Fe/Ag(001) films. <i>Journal of Magnetism and Magnetic Materials</i> , 1995 , 148, 85-87	2.8	8
72	Magnetic properties of MBE structures using fcc Co/Cu(001) and bcc Fe/Cu(001) (abstract). <i>Journal of Applied Physics</i> , 1991 , 69, 5217-5217	2.5	8
71	Novel Mechanical Magnetic Shutter Antenna for ELF /VLF Radiation 2018 ,		8
70	Permalloy (NiFe) nanometer square-antidot arrays: Dynamic modes and use as a monolithic microwave band-pass filter. <i>Journal of Magnetism and Magnetic Materials</i> , 2019 , 484, 272-278	2.8	7
69	Static and dynamic magnetic properties of bcc Fe ₄₉ Co ₄₉ V ₂ thin films on Si(1 0 0) substrates. <i>Journal Physics D: Applied Physics</i> , 2013 , 46, 495002	3	7
68	The effect of FeF ₂ on the magneto-optic response in FeF ₂ /Fe/FeF ₂ sandwiches. <i>Journal Physics D: Applied Physics</i> , 2010 , 43, 155301	3	7
67	Integrated Electromagnetic Second Stage Microactuator for a Hard Disk Recording Head. <i>IEEE Transactions on Magnetics</i> , 2008 , 44, 3730-3733	2	7
66	Optimization of magneto-optical response of FeF ₂ /Fe/FeF ₂ sandwiches for microwave field detection. <i>Journal of Applied Physics</i> , 2007 , 101, 09C516	2.5	7
65	Magnetization Loops in Fe/Ag/Fe/Ni(001) Structures. <i>Materials Research Society Symposia Proceedings</i> , 1993 , 313, 485		7
64	Transverse magneto-optic effect in multilayers applied to mapping of microwave currents. <i>Optical Materials Express</i> , 2017 , 7, 2368	2.6	6
63	Eu valence in ultra-thin layers of EuF ₃ derived from photon energy dependent photoemission and photoabsorption. <i>Surface Science</i> , 2008 , 602, 1525-1531	1.8	6
62	Core-level in rare-earth metals and their trifluorides from exchange splitting photoemission and ground-state calculations. <i>Physical Review B</i> , 2006 , 74,	3.3	6
61	Directional Permeability Dependence in Electroplated Permalloy Layers. <i>ECS Transactions</i> , 2006 , 3, 123-135		6
60	Magnetic shielding of 3-phase current by a composite material at low frequencies. <i>AIP Advances</i> , 2017 , 7, 056328	1.5	5
59	Magnetization Dynamics. <i>Handbook of Surface Science</i> , 2015 , 5, 113-167		5
58	Iron based microstrip phase shifter; optimization of phase shift. <i>Journal of Applied Physics</i> , 2012 , 111, 07A508	2.5	5
57	Microwave Magnetic Properties of NiFe Nanostrips. <i>IEEE Transactions on Magnetics</i> , 2009 , 45, 3550-3553		5
56	Magneto-optical AlN/Fe/AlN structures optimized for operation in the violet spectral region. <i>Journal Physics D: Applied Physics</i> , 2008 , 41, 155007	3	5

55	Cryogenic pulsed inductive microwave magnetometer. <i>Journal of Applied Physics</i> , 2003 , 93, 7068-7070	2.5	5
54	Resonance induced divalent Eu states in EuF ₃ ultrathin layer. <i>Surface Science</i> , 2005 , 580, 163-166	1.8	5
53	Magneto-optical properties of MnBi/sub 1-x/Sb/sub x/ films. <i>IEEE Transactions on Magnetics</i> , 1995 , 31, 3233-3238	2	5
52	Growth and Magnetic Properties of Metastable Structures. <i>NATO ASI Series Series B: Physics</i> , 1991 , 15-24		5
51	Mössbauer spectroscopy study of Al distribution in BaAl _x Fe _{12-x} O ₁₉ thin films. <i>Journal of Applied Physics</i> , 2015 , 117, 17A501	2.5	4
50	Magnetic Nanodrug Delivery Through the Mucus Layer of Air-Liquid Interface Cultured Primary Normal Human Tracheobronchial Epithelial Cells. <i>BioNanoScience</i> , 2016 , 6, 235-242	3.4	4
49	Magnetization Dynamics and Reversal Mechanisms in Ni Nanowire and Nanotube Arrays. <i>IEEE Transactions on Magnetics</i> , 2014 , 50, 1-4	2	4
48	Magneto-Optical Properties of a Ferromagnetic Colloid. <i>IEEE Transactions on Magnetics</i> , 2014 , 50, 1-4	2	4
47	Effect of Temperature on the Ferromagnetic-Resonance Field and Line Width of Epitaxial Fe Thin Films. <i>IEEE Transactions on Magnetics</i> , 2009 , 45, 4015-4018	2	4
46	Dynamic and rotatable exchange anisotropy in Fe/KNiF ₃ /FeF ₂ trilayers. <i>Journal Physics D: Applied Physics</i> , 2011 , 44, 415003	3	4
45	Micromagnetism of two-dimensional permalloy particles with different aspect ratios. <i>Applied Physics A: Materials Science and Processing</i> , 2003 , 76, 809-815	2.6	4
44	Temperature dependence of anisotropy in exchange biased Fe/KCoF ₃ system. <i>Journal of Applied Physics</i> , 2002 , 91, 7242	2.5	4
43	Bilinear and Biquadratic Exchange Coupling in BCC Fe/Cu/Fe Trilayers. Exchange Coupling in Fe Whisker/Cr/Fe(001) Structures. <i>NATO ASI Series Series B: Physics</i> , 1993 , 175-193		4
42	Vector MO magnetometry for mapping microwave currents. <i>AIP Advances</i> , 2018 , 8, 056642	1.5	4
41	Exchange stiffness as a function of composition in Cu _x (Ni _{0.80} Fe _{0.20}) _{1-x} alloys. <i>Journal of Magnetism and Magnetic Materials</i> , 2019 , 477, 344-349	2.8	3
40	Properties of ferroelectric/ferromagnetic thin film heterostructures. <i>Journal of Applied Physics</i> , 2014 , 115, 17D713	2.5	3
39	Electronic structure, crystallographic, magnetic, and transport characterization of EuMn ₂ films. <i>Journal of Applied Physics</i> , 2010 , 107, 09E154	2.5	3
38	Ultrathin magnetic multilayer films for low-field microwave notch filters. <i>Journal of Vacuum Science & Technology B</i> , 2007 , 25, 2603		3

37	Exchange bias system of Fe/KFeF ₃ . <i>Journal of Applied Physics</i> , 2004 , 95, 7309-7311	2.5	3
36	Ferromagnetic resonance study of interface anisotropies in exchange-biased Fe(0 0 1)/KNiF ₃ bilayers. <i>Journal of Magnetism and Magnetic Materials</i> , 2002 , 240, 270-272	2.8	3
35	Exchange bias and anisotropy in the Fe/KCoF ₃ structure. <i>Journal of Magnetism and Magnetic Materials</i> , 2002 , 240, 261-263	2.8	3
34	Exchange bias in Fe/KNiF ₃ bilayers. <i>Journal of Applied Physics</i> , 2001 , 89, 7555-7557	2.5	3
33	Influence of the interface morphology on the exchange coupling in Fe/Pd/Fe(0 0 1) structures. <i>Journal of Magnetism and Magnetic Materials</i> , 1999 , 198-199, 418-420	2.8	3
32	Exchange biasing in ferromagnet/antiferromagnet Fe/KMnF ₃ . <i>Journal of Magnetism and Magnetic Materials</i> , 1999 , 202, 480-484	2.8	3
31	Dielectric tensor characterization of Mn _{0.53} Bi _{0.47} and Mn _{0.52} Bi _{0.44} Sb _{0.04} films. <i>Journal of Applied Physics</i> , 1996 , 79, 6200	2.5	3
30	Mössbauer investigation of the magnetic hyperfine field distribution in Fe(100)/Ag(100) structures. <i>Journal of Applied Physics</i> , 1994 , 75, 5583-5585	2.5	3
29	Investigations on magnetically diluted KNi _x Mg _{1-x} F ₃ perovskite solid solution. <i>Physica Status Solidi A</i> , 1988 , 105, 567-572		3
28	Biasing vector network analyzers using variable frequency and amplitude signals. <i>Review of Scientific Instruments</i> , 2016 , 87, 084701	1.7	3
27	One-Step Preparation of Highly Stable Copper-Zinc Ferrite Nanoparticles in Water Suitable for MRI Thermometry.. <i>Chemistry of Materials</i> , 2022 , 34, 4001-4018	9.6	3
26	Effect of alignment methods on liquid crystal performance in millimeter wave devices. <i>Engineering Research Express</i> , 2020 , 2, 025002	0.9	2
25	Liquid crystal based tunable spurline filters with notch frequencies at 50 and 85 GHz. <i>Microwave and Optical Technology Letters</i> , 2018 , 60, 672-679	1.2	2
24	Properties of molecular beam epitaxy grown Eux(transition metal)y films (transition metals: Mn, Cr). <i>Journal of Applied Physics</i> , 2011 , 109, 07E323	2.5	2
23	New alignment liquid crystal techniques for operation at harsh ambient conditions and high-intensity light 2009 ,		2
22	Europium-palladium intermetallic thin layers. <i>Journal of Physics Condensed Matter</i> , 2008 , 20, 315006	1.8	2
21	Investigation of the dependence of BLS frequencies on angle of incidence for thin iron films. <i>Journal of Applied Physics</i> , 1993 , 73, 6754-6756	2.5	2
20	Microwave Monolithic Devices Using Magnetic Hard-Soft Nanocomposite. <i>IEEE Transactions on Magnetics</i> , 2019 , 1-4	2	2

19	AlN/Fe/AlN nanostructures for magneto-optic magnetometry. <i>Journal of Applied Physics</i> , 2014 , 115, 17A937	2.5	1
18	Planar Magnetic Devices for Signal Processing in the Microwave and Millimeter Wave Frequency Range. <i>Handbook of Surface Science</i> , 2015 , 5, 421-457		1
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- 1 Physicochemical and structural analysis of MBE grown EuxMny films. *Journal of Magnetism and Magnetic Materials*, **2018**, 464, 18-25

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