

S D Bader

List of Publications by Year in descending order

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184
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9341
citing authors

#	ARTICLE	IF	CITATIONS
1	Spectroscopic study of Gd nanostructures quantum confined in Fe corrals. Scientific Reports, 2015, 5, 12092.	1.6	3
2	Rational design of the exchange-spring permanent magnet. Journal of Physics Condensed Matter, 2014, 26, 064214.	0.7	48
3	Dependence of spin-pumping spin Hall effect measurements on layer thicknesses and stacking order. Physical Review B, 2013, 88, .	1.1	111
4	Universal Method for Separating Spin Pumping from Spin Rectification Voltage of Ferromagnetic Resonance. Physical Review Letters, 2013, 111, 217602.	2.9	117
5	Unanticipated Proximity Behavior in Ferromagnet-Superconductor Heterostructures with Controlled Magnetic Noncollinearity. Physical Review Letters, 2013, 110, 177001.	2.9	22
6	Two-dimensional quantum diffusion of Gd adatoms in nano-size Fe corrals. Physical Review B, 2013, 87, .	1.1	15
7	Noncollinear Fe spin structure in (Sm-Co)/Fe exchange-spring bilayers: Layer-resolved $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mrow} / \rangle \langle \text{mml:mn} \rangle 57 \langle / \text{mml:mn} \rangle \langle / \text{mml:msup} \rangle \langle / \text{mml:math} \rangle$ Fe Mössbauer spectroscopy and electronic structure calculations. Physical Review B, 2012, 85, .	1.1	31
8	Charge-magnetic interference resonant scattering studies of ferromagnetic crystals and thin films. European Physical Journal: Special Topics, 2012, 208, 141-155.	1.2	7
9	Magnetic structure in Fe/Sm-Co exchange spring bilayers with intermixed interfaces. Physical Review B, 2011, 83, .	1.1	33
10	Magnetic-field enhancement of nonlocal spin signal in Ni ₈₀ Fe ₂₀ /Ag lateral spin valves. Physical Review B, 2011, 84, .	1.1	5
11	MULTIFUNCTIONAL NANO“BIO MATERIALS WITHIN CELLULAR MACHINERY. International Journal of Nanoscience, 2011, 10, 899-908.	0.4	9
12	Quantifying Spin Hall Angles from Spin Pumping: Experiments and Theory. Physical Review Letters, 2010, 104, 046601.	2.9	603
13	Surface Spin Flip Probability of Mesoscopic Ag Wires. Physical Review Letters, 2010, 104, 237202.	2.9	55
14	Temperature dependent nucleation and annihilation of individual magnetic vortices. Applied Physics Letters, 2010, 96, .	1.5	33
15	Detection and quantification of inverse spin Hall effect from spin pumping in permalloy/normal metal bilayers. Physical Review B, 2010, 82, .	1.1	439
16	Imaging of lateral spin valves with soft x-ray microscopy. Physical Review B, 2009, 80, .	1.1	9
17	The effect of ion irradiation and annealing on exchange spring magnets. Journal of Applied Physics, 2009, 105, 023902.	1.1	7
18	Negative Nonlocal Resistance in Mesoscopic Gold Hall Bars: Absence of the Giant Spin Hall Effect. Physical Review Letters, 2009, 103, 166601.	2.9	84

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19	Enhanced ordering temperatures in antiferromagnetic manganite superlattices. Nature Materials, 2009, 8, 892-897.	13.3	145
20	Metal-Insulator Transition and Its Relation to Magnetic Structure in LaMnO_3 and SrMnO_3 . Tj E	2.9	202
21	Asymmetric ferromagnet-superconductor-ferromagnet switch. Physical Review B, 2008, 77, .	1.1	20
22	Magnetically asymmetric interfaces in $\text{LaMnO}_3/\text{SrMnO}_3$ superlattice due to structural asymmetries. Physical Review B, 2008, 77, .	1.1	74
23	Element-specific recoil loops in SmCo_2Fe exchange-spring magnets. Journal of Applied Physics, 2008, 103, .	1.1	9
24	Non-local spin injection in lateral spin valves. Journal Physics D: Applied Physics, 2007, 40, 1280-1284.	1.3	42
25	Signatures of enhanced ordering temperatures in digital superlattices of $(\text{LaMnO}_3)_m(\text{SrMnO}_3)_2m$. Applied Physics Letters, 2007, 90, 222503.	1.5	49
26	Origin of recoil hysteresis loops in SmCo_2Fe exchange-spring magnets. Applied Physics Letters, 2007, 91, .	1.5	57
27	Ferromagnetic Mn moments at $\text{SrRuO}_3/\text{SrMnO}_3$ interfaces. Applied Physics Letters, 2007, 91, .	1.5	19
28	Controlled interface profile in SmCo_2Fe exchange-spring magnets. Applied Physics Letters, 2007, 91, .	1.5	52
29	Surface spin-flop transition in a uniaxial antiferromagnetic Fe/Cr superlattice induced by a magnetic field of arbitrary direction. Journal of Physics Condensed Matter, 2007, 19, 136001.	0.7	4
30	Role of diffused Co atoms in improving effective exchange coupling in SmCo_2Fe spring magnets. Physical Review B, 2007, 75, .	1.1	67
31	Colloquium: Opportunities in nanomagnetism. Reviews of Modern Physics, 2006, 78, 1-15.	16.4	647
32	Twisted magnetization states near the compensation temperature of Fe_3Gd multilayers: Anisotropy and surface-termination effects. Physical Review B, 2006, 73, .	1.1	19
33	A Materials Chemistry Perspective on Nanomagnetism. ChemInform, 2006, 37, no.	0.1	1
34	Hard-axis magnetization behavior and the surface spin-flop transition in antiferromagnetic Fe_3Cr superlattices. Physical Review B, 2006, 73, .	1.1	15
35	Enhanced spin injection polarization in Co/Cu/Co nonlocal lateral spin valves. Applied Physics Letters, 2006, 88, 052509.	1.5	79
36	A materials chemistry perspective on nanomagnetism. Journal of Materials Chemistry, 2005, 15, 4189.	6.7	130

#	ARTICLE	IF	CITATIONS
37	Self-Organization of FePt Nanoparticles on Photochemically Modified Diblock Copolymer Templates. <i>Advanced Materials</i> , 2005, 17, 2446-2450.	11.1	157
38	Self-Assembly of Magnetic and Semiconducting Nanoparticles on Modified Diblock Copolymer Templates. <i>Materials Research Society Symposia Proceedings</i> , 2005, 901, 1.	0.1	0
39	Magnetization reversal in patterned double-vortex structures. <i>Journal of Applied Physics</i> , 2005, 97, 10H503.	1.1	14
40	Selective growth of Co nanoislands on an oxygen-patterned Ru(0001) surface. <i>Physical Review B</i> , 2005, 72, .	1.1	10
41	Recoil hysteresis of Sm ²⁺ /Co ²⁺ /Fe exchange-spring bilayers. <i>Journal of Applied Physics</i> , 2005, 98, 113906.	1.1	39
42	Enhanced hyperfine magnetic fields for face-centered tetragonal Fe(110) ultrathin films on vicinal Pd(110). <i>Physical Review B</i> , 2005, 71, .	1.1	9
43	Dynamics of coupled vortices in layered magnetic nanodots. <i>Applied Physics Letters</i> , 2005, 86, 223112.	1.5	71
44	Magnetic Bistability of Co Nanodots. <i>Physical Review Letters</i> , 2005, 94, 157202.	2.9	102
45	Magnetic remanent states and magnetization reversal in patterned trilayer nanodots. <i>Physical Review B</i> , 2005, 72, .	1.1	61
46	Biological sensing with magnetic nanoparticles using Brownian relaxation (invited). <i>Journal of Applied Physics</i> , 2005, 97, 10R101.	1.1	89
47	Anisotropy dependence of irreversible switching in Fe ²⁺ /SmCo and FeNi ²⁺ /FePt exchange spring magnet films. <i>Applied Physics Letters</i> , 2005, 86, 262503.	1.5	134
48	A new approach for improving exchange-spring magnets. <i>Journal of Applied Physics</i> , 2005, 97, 10K311.	1.1	78
49	Temperature evolution of the Gd magnetization profile in strongly coupled Gd ²⁺ /Fe multilayers. <i>Physical Review B</i> , 2004, 70, .	1.1	35
50	Spin injection, diffusion, and detection in lateral spin-valves. <i>Applied Physics Letters</i> , 2004, 85, 6218-6220.	1.5	129
51	Magnetization-orientation dependence of the superconducting transition temperature calculated for Fe ²⁺ /S ²⁺ /Fe trilayer structures. <i>Physical Review B</i> , 2004, 70, .	1.1	40
52	Nuclear Resonant Magnetometry and its Application to Fe/Cr Multilayers. <i>Physical Review Letters</i> , 2004, 93, 037201.	2.9	35
53	Biological sensors based on Brownian relaxation of magnetic nanoparticles. <i>Applied Physics Letters</i> , 2004, 85, 2971-2973.	1.5	225
54	Heat capacity of naturally layered SrO(La _{1-x} Sr _x MnO ₃) ₂ single crystals. <i>Physical Review B</i> , 2004, 70, .	1.1	8

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55	Improving exchange-spring nanocomposite permanent magnets. Applied Physics Letters, 2004, 85, 5293-5295.	1.5	119
56	Shape effect on magnetization reversal in chains of interacting ferromagnetic elements. Applied Physics Letters, 2003, 82, 3716-3718.	1.5	63
57	Observation of the Fe spin spiral structure in Fe/Sm-Co exchange-spring bilayers by Mössbauer spectroscopy. Physical Review B, 2003, 68, .	1.1	26
58	Hysteretic Spin-Density-Wave Ordering in Confined Geometries. Physical Review Letters, 2003, 91, 237201.	2.9	25
59	Hard x-ray magnetic circular dichroism study of a surface-driven twisted state in Gd/Fe multilayers. Journal of Applied Physics, 2003, 93, 6507-6509.	1.1	14
60	Model study of soft x-ray spectroscopy techniques for observing magnetic circular dichroism in buried SmCo magnetic films. Journal of Applied Physics, 2003, 93, 2002-2008.	1.1	1
61	Remagnetization processes in SmCo/NdCo exchange springs. Journal of Applied Physics, 2003, 93, 6486-6488.	1.1	3
62	Superparamagnetic behavior of ultrathin Fe films grown on Al ₂ O ₃ (0001) substrates. Journal of Applied Physics, 2003, 94, 7675.	1.1	25
63	Magnetization-orientation dependence of the superconducting transition temperature and magnetoresistance in the ferromagnet-superconductor-ferromagnet trilayer system. Journal of Applied Physics, 2003, 93, 7696-7698.	1.1	7
64	Nature of inhomogeneous magnetic state in artificial Fe/Gd ferrimagnetic multilayers. Physical Review B, 2003, 67, .	1.1	22
65	Exchange coupling in epitaxial Sm ²⁺ Co(11 $\bar{1}$,00)/Nd ²⁺ Co exchange-spring bilayers. Journal of Applied Physics, 2003, 93, 8122-8124.	1.1	6
66	Magnetization reversal measurements in Gd/Fe multilayer antidot arrays by vector magnetometry using x-ray magnetic circular dichroism. Applied Physics Letters, 2002, 81, 4997-4999.	1.5	17
67	Superconducting transition and vortex pinning in Nb films patterned with nanoscale hole arrays. Physical Review B, 2002, 66, .	1.1	93
68	Magnetization-Orientation Dependence of the Superconducting Transition Temperature in the Ferromagnet-Superconductor-Ferromagnet System:CuNi/Nb/CuNi. Physical Review Letters, 2002, 89, 267001.	2.9	306
69	Spin Flop Transition in a Finite Antiferromagnetic Superlattice: Evolution of the Magnetic Structure. Physical Review Letters, 2002, 89, 127203.	2.9	77
70	Rotational hysteresis of exchange-spring magnets. Journal Physics D: Applied Physics, 2002, 35, 2339-2343.	1.3	13
71	Mössbauer effect study of the Fe spin structure in exchange-bias and exchange-spring systems. Journal Physics D: Applied Physics, 2002, 35, 2352-2358.	1.3	9
72	Exchange-coupled Sm ²⁺ Co/Nd ²⁺ Co nanomagnets: correlation between soft phase anisotropy and exchange field. Applied Physics Letters, 2002, 81, 2029-2031.	1.5	74

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73	Spin excitations of magnetic vortices in ferromagnetic nanodots. <i>Physical Review B</i> , 2002, 66, .	1.1	158
74	Self-assembled metallic dots and antidots: Epitaxial Co on Ru(0001). <i>Applied Physics Letters</i> , 2001, 78, 1228-1230.	1.5	25
75	Enhanced Interfacial Magnetic Coupling of Gd/Fe Multilayers. <i>Physical Review Letters</i> , 2001, 87, 207201.	2.9	109
76	Disorder-driven hysteresis-loop criticality in Co/CoO films. <i>Journal of Applied Physics</i> , 2001, 89, 7466-7468.	1.1	8
77	Field Induced Biquadratic Exchange in Hard/Soft Ferromagnetic Bilayers. <i>Physical Review Letters</i> , 2001, 86, 4386-4389.	2.9	50
78	Magnetism of step-decorated Fe on Pd(110). <i>Physical Review B</i> , 2001, 64, .	1.1	40
79	Magnetic stability in exchange-spring and exchange-bias systems after multiple switching cycles. <i>Journal of Applied Physics</i> , 2001, 89, 6817-6819.	1.1	8
80	Magnetic imaging of a buried SmCo layer in a spring magnet. <i>Journal of Applied Physics</i> , 2001, 89, 7165-7167.	1.1	12
81	Evidence for competing order parameters in the paramagnetic phase of layered manganites (invited). <i>Journal of Applied Physics</i> , 2001, 89, 6851-6856.	1.1	15
82	Reversal modes of exchange-spring magnets revealed by torque magnetometry. <i>Applied Physics Letters</i> , 2001, 79, 3992-3994.	1.5	19
83	Origin of Biquadratic Coupling in Fe/Cr(100) Superlattices. <i>Physical Review Letters</i> , 2001, 87, 107201.	2.9	20
84	Anisotropy determination in epitaxial Sm ²⁺ Co/Fe exchange springs. <i>Journal of Applied Physics</i> , 2000, 87, 6686-6688.	1.1	31
85	Epitaxial hard-soft magnetic heterostructures as model exchange-spring magnets. <i>The Philosophical Magazine: Physics of Condensed Matter B, Statistical Mechanics, Electronic, Optical and Magnetic Properties</i> , 2000, 80, 247-256.	0.6	1
86	Magnetic stability of novel exchange coupled systems. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 2000, 18, 1269-1272.	0.9	10
87	Exchange-bias effect in Fe/Cr(211) double superlattice structures. <i>Physical Review B</i> , 2000, 61, 9653-9656.	1.1	33
88	Exchange bias in Fe/Cr double superlattices. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 2000, 18, 1264-1268.	0.9	6
89	Experimental Observation of Disorder-Driven Hysteresis-Loop Criticality. <i>Physical Review Letters</i> , 2000, 85, 4176-4179.	2.9	73
90	Surface magneto-optic Kerr effect. <i>Review of Scientific Instruments</i> , 2000, 71, 1243-1255.	0.6	399

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91	Oscillation period of the interlayer coupling for epitaxial Fe/Cr1xVx(100) and (211) superlattices. Journal of Applied Physics, 1999, 85, 5889-5891.	1.1	22
92	Interstitial flux phases in a superconducting niobium film with a square lattice of artificial pinning centers. Physical Review B, 1999, 60, R12585-R12588.	1.1	123
93	Structural and magnetic studies of fcc Fe films with self-organized lateral modulation on striped Cu(110)O(2Å-1) substrates. Journal of Applied Physics, 1999, 85, 5285-5287.	1.1	13
94	Soft x-ray absorption of a buried SmCo film utilizing substrate fluorescence detection. Applied Physics Letters, 1999, 74, 3806-3808.	1.5	3
95	Specific heat of La _{1.2} Sr _{1.8} Mn ₂ O ₇ . Physical Review B, 1999, 60, 6258-6261.	1.1	21
96	Curie Temperature Enhancement and Induced Pd Magnetic Moments for Ultrathin Fe Films Grown on Stepped Pd(001). Physical Review Letters, 1999, 82, 1947-1950.	2.9	48
97	Exchange-spring systems: Coupling of hard and soft ferromagnets as measured by magnetization and Brillouin light scattering (invited). Journal of Applied Physics, 1999, 85, 5901-5904.	1.1	49
98	Magnetic properties of ultrathin Fe films grown on stepped W(001) and Pd(001) substrates. Journal of Applied Physics, 1999, 85, 4958-4960.	1.1	15
99	Structure and magnetic properties of exchange-spring SmCo/Co superlattices. Applied Physics Letters, 1998, 72, 380-382.	1.5	115
100	Exchange-spring behavior in epitaxial hard/soft magnetic bilayers. Physical Review B, 1998, 58, 12193-12200.	1.1	452
101	Exchange-spring behavior in epitaxial hard/soft magnetic bilayer films. Journal of Applied Physics, 1998, 83, 6238-6240.	1.1	44
102	Structural and magnetic phases of ultrathin Fe wedges and films grown on diamond (100). Physical Review B, 1998, 57, 10044-10048.	1.1	5
103	Growth and characterization of epitaxial fcc Fe wedges on diamond (100). Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 1998, 16, 2326-2329.	0.9	0
104	Neutron Scattering Investigation of Magnetic Bilayer Correlations in La _{1.2} Sr _{1.8} Mn ₂ O ₇ : Evidence of Canting above T _C . Physical Review Letters, 1998, 81, 3964-3967.	2.9	99
105	Magnetic anisotropy of epitaxial Fe films grown on curved W(001) with a graded step density. Physical Review B, 1998, 57, R12713-R12716.	1.1	43
106	Two-dimensional intrinsic and extrinsic ferromagnetic behavior of layered La _{1.2} Sr _{1.8} Mn ₂ O ₇ single crystals. Physical Review B, 1998, 57, 72-75.	1.1	69
107	Infrared spectra of giant magnetoresistance Fe/Cr/Fe trilayers. Physical Review B, 1998, 57, 2705-2708.	1.1	39
108	Role of intergrowths in the properties of naturally layered manganite single crystals (invited). Journal of Applied Physics, 1998, 83, 6385-6389.	1.1	53

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109	Critical fields of Fe ₄ N/NbN ferromagnetic/superconducting multilayers. Physical Review B, 1997, 55, 70-73.	1.1	34
110	Interplay between biquadratic coupling and the Néel transition in Fe/Cr ₉₄ Fe ₆ (001) superlattices. Physical Review B, 1997, 56, 5468-5473.	1.1	24
111	Unconventional magnetostriction in layered La _{1.2} Sr _{1.8} Mn ₂ O ₇ : Evidence for spin-lattice coupling above T _C . Physical Review B, 1997, 55, R11965-R11968.	1.1	89
112	Charge delocalization and structural response in layered La _{1.2} Sr _{1.8} Mn ₂ O ₇ : Enhanced distortion in the metallic regime. Physical Review B, 1997, 55, 63-66.	1.1	253
113	Search for coupling in ferromagnetic/superconducting multilayers: Fe ₄ N/NbN. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 1997, 15, 2793-2797.	0.9	0
114	Magneto-optic constants of hcp and fcc Co films. Physical Review B, 1997, 56, 2627-2634.	1.1	49
115	High coercivity, epitaxial Sm-Co films with uniaxial in-plane anisotropy. Applied Physics Letters, 1997, 71, 1579-1581.	1.5	112
116	Structure and magnetism of epitaxial rare-earth transition-metal films. Journal of Applied Physics, 1997, 81, 5637-5639.	1.1	21
117	Structure and Magnetism of Epitaxial Rare-Earth-Transition-Metal Films. , 1997, , 467-478.		3
118	Structural phase diagram of La _{1-x} Sr _x MnO ₃ +δ: Relationship to magnetic and transport properties. Physical Review B, 1996, 54, 6172-6183.	1.1	402
119	A general approach to the epitaxial growth of rare-earth transition-metal films. Applied Physics Letters, 1996, 69, 2438-2440.	1.5	65
120	Spin polarization of the conduction bands and secondary electrons of Gd(0001). Journal of Applied Physics, 1996, 79, 5838.	1.1	11
121	Lattice Effects and Magnetic Order in the Canted Ferromagnetic Insulator La _{0.875} Sr _{0.125} MnO ₃ +δ. Physical Review Letters, 1996, 76, 3826-3829.	2.9	100
122	Polarized-neutron-reflectivity confirmation of 90° magnetic structure in Fe/Cr(001) superlattices. Physical Review B, 1996, 53, 2474-2480.	1.1	47
123	Spin-Density-Wave Antiferromagnetism of Cr in Fe/Cr(001) Superlattices. Physical Review Letters, 1996, 77, 1382-1385.	2.9	120
124	Temperature-dependent biquadratic coupling in antiferromagnetically coupled Fe/FeSi multilayers. Physical Review B, 1996, 53, 5112-5115.	1.1	86
125	Magnetic Phase Transitions in Epitaxial Fe/Cr Superlattices. Materials Research Society Symposia Proceedings, 1995, 384, 145.	0.1	1
126	Suppression of Biquadratic Coupling in Fe/Cr(001) Superlattices below the Néel Transition of Cr. Physical Review Letters, 1995, 75, 330-333.	2.9	130

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127	Photoemission study of quantum confinement by a finite barrier: Cu/Co(wedge)/Cu(100). Physical Review B, 1995, 51, 7195-7199.	1.1	24
128	Spin-polarized photoemission studies of the exchange splitting of the Gd 5d electrons near the Curie temperature. Physical Review B, 1995, 51, 13895-13898.	1.1	53
129	Surface Magnetism and Kerr Spectroscopy. MRS Bulletin, 1995, 20, 34-37.	1.7	5
130	Hybridization and the effective mass of quantum-well states in magnetic multilayers. Physical Review B, 1994, 50, 8954-8956.	1.1	43
131	Magnetic phases of ultrathin Fe grown on Cu(100) as epitaxial wedges. Physical Review Letters, 1994, 72, 3112-3115.	2.9	325
132	Photoinduced antiferromagnetic interlayer coupling in Fe superlattices with iron silicide spacers (invited). Journal of Applied Physics, 1994, 75, 6169-6173.	1.1	22
133	Surface spin-flop transition in Fe/Cr(211) superlattices: Experiment and theory. Physical Review Letters, 1994, 72, 920-923.	2.9	162
134	Two-dimensional Ising transition of epitaxial Fe films grown on Ag(100). Physical Review B, 1994, 49, 8797-8801.	1.1	54
135	Magnetic and structural instabilities of ferromagnetic and antiferromagnetic Fe/Cu(100). Journal of Applied Physics, 1994, 76, 6425-6427.	1.1	49
136	Magnetic and structural instabilities of ultrathin Fe(100) wedges (invited). Journal of Applied Physics, 1994, 76, 6419-6424.	1.1	36
137	Orientationally independent antiferromagnetic coupling in epitaxial Fe/Cr (211) and (100) superlattices. Journal of Applied Physics, 1994, 75, 6461-6463.	1.1	15
138	Magneto-Optical Effects in Ultrathin Magnetic Structures. , 1994, , 297-325.		16
139	Magnetic decoupling in sputtered Fe/Si superlattices and multilayers. Journal of Applied Physics, 1993, 73, 6335-6337.	1.1	66
140	Asymmetry of the spin reorientation transition in ultrathin Fe films and wedges grown on Ag(100). Physical Review Letters, 1993, 70, 1006-1009.	2.9	338
141	Oscillatory interlayer coupling and giant magnetoresistance in epitaxial Fe/Cr(211) and (100) superlattices. Physical Review B, 1993, 48, 15755-15763.	1.1	148
142	150% magnetoresistance in sputtered Fe/Cr(100) superlattices. Applied Physics Letters, 1993, 63, 1699-1701.	1.5	102
143	Photoinduced antiferromagnetic interlayer coupling in Fe/(Fe-Si) superlattices. Physical Review Letters, 1993, 71, 185-188.	2.9	123
144	Magnetic coupling of Fe/Mo/Fe and Co/Cu/Co sandwiches across wedged spacer layers (invited). Journal of Applied Physics, 1993, 73, 5765-5770.	1.1	26

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145	Interfacial roughness of sputtered multilayers: Nb/Si. Physical Review B, 1993, 48, 17432-17444.	1.1	112
146	Magneto-resistivity and oscillatory interlayer magnetic coupling of sputtered Fe/Nb superlattices. Physical Review Letters, 1992, 68, 3252-3255.	2.9	63
147	Magneto-optic Kerr ellipticity of epitaxial Co/Cu overlayers and superlattices. Physical Review B, 1992, 46, 8195-8200.	1.1	40
148	Monte Carlo simulations of the Curie temperature of ultrathin ferromagnetic films. Physical Review B, 1992, 46, 10818-10821.	1.1	22
149	Oscillatory interlayer magnetic coupling of wedged Co/Cu/Co sandwiches grown on Cu(100) by molecular beam epitaxy. Physical Review B, 1992, 46, 8659-8662.	1.1	150
150	Temperature dependence of the magnetization of superlattices with variable interlayer magnetic couplings. Physical Review B, 1992, 45, 2252-2257.	1.1	34
151	Additivity of the magneto-optic Kerr signal in ultrathin Fe(110)/Ag(111) superlattices. Physical Review B, 1992, 45, 7211-7216.	1.1	44
152	Short-period oscillations in the interlayer magnetic coupling of wedged Fe(100)/Mo(100)/Fe(100) grown on Mo(100) by molecular-beam epitaxy. Physical Review Letters, 1992, 68, 1398-1401.	2.9	107
153	Morphology of Fe/Pd(100) films studied using photoemission from physisorbed Xe. Physical Review B, 1991, 44, 2205-2208.	1.1	35
154	Magnetic phase transition of ultrathin Fe films on Ag(111). Physical Review Letters, 1991, 67, 1646-1649.	2.9	105
155	Temperature dependence of the magnetoresistance of sputtered Fe/Cr superlattices. Physical Review B, 1991, 44, 9378-9384.	1.1	83
156	Oscillatory interlayer magnetic coupling of sputtered Fe/Mo superlattices. Applied Physics Letters, 1991, 58, 2306-2308.	1.5	78
157	Magneto-optics of multilayers with arbitrary magnetization directions. Physical Review B, 1991, 43, 6423-6429.	1.1	226
158	Absence of ferromagnetism in epitaxial films of ultrathin Pd, Rh, and Rh on Pd grown on Au(100). Physical Review B, 1991, 44, 12062-12065.	1.1	43
159	Role of the substrate in enhancing the magneto-optic response of ultrathin films: Fe on Au. Applied Physics Letters, 1990, 56, 2687-2689.	1.5	35
160	Surface, interface, and thin-film magnetism. Journal of Materials Research, 1990, 5, 1299-1340.	1.2	455
161	Magnetic properties of ultrathin fcc Fe(111)/Ru(0001) films. Physical Review B, 1990, 41, 553-556.	1.1	59
162	Perpendicular surface magnetic anisotropy in ultrathin epitaxial Fe films. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 1990, 8, 2727-2731.	0.9	67

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163	Two-dimensional magnetic phase transition of ultrathin iron films on Pd(100). Journal of Applied Physics, 1990, 67, 5758-5760.	1.1	99
164	Fundamental magneto-optics. Journal of Applied Physics, 1990, 68, 4203-4207.	1.1	78
165	Surface Magneto-Optical Studies of Ultrathin Ferromagnetic Films. Springer Proceedings in Physics, 1990, , 22-28.	0.1	3
166	Magneto-Optical Properties of Ultrathin Ferromagnetic Films. Materials Research Society Symposia Proceedings, 1989, 150, 215.	0.1	0
167	Thickness and polarization dependence of the magneto-optic signal from ultrathin ferromagnetic films. Physical Review B, 1989, 39, 6949-6956.	1.1	60
168	Magneto-optic rotation and ellipticity of ultrathin ferromagnetic films. Physical Review B, 1989, 39, 9496-9499.	1.1	17
169	Polar Kerr-Effect Observation of Perpendicular Surface Anisotropy for Ultrathin fcc Fe Grown on Cu(100). Physical Review Letters, 1988, 60, 2422-2425.	2.9	302
170	Polar Kerr-effect observation of perpendicular surface anisotropy for ultrathin ferromagnetic films: fcc Fe/Cu(100). Journal of Applied Physics, 1988, 64, 5325-5327.	1.1	37
171	Phase diagram and oxygen stoichiometry of YBaCuO thin films. Applied Physics Letters, 1988, 53, 808-810.	1.5	22
172	Two magnetically different, closely lying states of fcc iron grown on copper (100). Physical Review Letters, 1987, 59, 1041-1044.	2.9	86
173	Magnetic properties of novel epitaxial films (invited). Journal of Applied Physics, 1987, 61, 3729-3734.	1.1	132
174	MAGNETO-OPTICAL STUDIES OF NOVEL EPITAXIAL FILMS. Journal of the Magnetism Society of Japan, 1987, 11, S1_7-12.	0.4	1
175	Phonons in Ternary Molybdenum Chalcogenide Superconductors. Topics in Current Physics, 1982, , 223-249.	0.5	3
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