

# Shang-Fan Lee

## List of Publications by Year in descending order

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161  
papers

3,374  
citations

218677

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163  
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163  
docs citations

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times ranked

3022  
citing authors

#	ARTICLE	IF	CITATIONS
1	Perpendicular giant magnetoresistances of Ag/Co multilayers. <i>Physical Review Letters</i> , 1991, 66, 3060-3063.	7.8	601
2	Intrinsic Spin-Dependent Thermal Transport. <i>Physical Review Letters</i> , 2011, 107, 216604.	7.8	231
3	Spin flip diffusion length and giant magnetoresistance at low temperatures. <i>Physical Review Letters</i> , 1994, 72, 3274-3277.	7.8	157
4	Two-channel analysis of CPP-MR data for Ag/Co and AgSn/Co multilayers. <i>Journal of Magnetism and Magnetic Materials</i> , 1993, 118, L1-L5.	2.3	148
5	Theory of the bipolar spin switch. <i>Physical Review B</i> , 1996, 53, 6554-6565.	3.2	132
6	Field-dependent interface resistance of Ag/Co multilayers. <i>Physical Review B</i> , 1992, 46, 548-551.	3.2	123
7	Giant magnetoresistance with current perpendicular to the multilayer planes. <i>Journal of Magnetism and Magnetic Materials</i> , 1993, 126, 406-409.	2.3	92
8	Ionic Liquid of Choline Chloride/Malonic Acid as a Solvent in the Synthesis of Open-Framework Iron Oxalatophosphates. <i>Inorganic Chemistry</i> , 2006, 45, 1891-1893.	4.0	92
9	Current-perpendicular and current-parallel giant magnetoresistances in Co/Ag multilayers. <i>Physical Review B</i> , 1995, 52, 15426-15441.	3.2	89
10	K(UO) <sub>2</sub> Si <sub>2</sub> O <sub>6</sub> : A Pentavalent Uranium Silicate. <i>Journal of the American Chemical Society</i> , 2005, 127, 12208-12209.	13.7	87
11	Metamagnetism in Cobalt Phosphates with Pillared Layer Structures: [Co <sub>3</sub> (pyz)(HPO <sub>4</sub> ) <sub>2</sub> F <sub>2</sub> ] and [Co <sub>3</sub> (4,4'-bpy)(HPO <sub>4</sub> ) <sub>2</sub> F <sub>2</sub> ]·xH <sub>2</sub> O. <i>Inorganic Chemistry</i> , 2004, 43, 2564-2568.	4.0	80
12	Growth and characterization of La <sub>0.7</sub> Sr <sub>0.3</sub> MnO <sub>3</sub> films on various substrates. <i>Journal of Magnetism and Magnetic Materials</i> , 2004, 268, 326-331.	2.3	79
13	Intrinsic low dielectric behaviour of a highly thermally stable Sr-based metal-organic framework for interlayer dielectric materials. <i>Journal of Materials Chemistry C</i> , 2014, 2, 3762-3768.	5.5	64
14	Strongly exchange-coupled and surface-state-modulated magnetization dynamics in Bi <sub>2</sub> Se <sub>3</sub> /yttrium iron garnet heterostructures. <i>Nature Communications</i> , 2018, 9, 223.	12.8	63
15	Anion-Controlled Dielectric Behavior of Homochiral Tryptophan-Based Metal-Organic Frameworks. <i>Crystal Growth and Design</i> , 2014, 14, 1572-1579.	3.0	54
16	Giant magnetoresistance with current perpendicular to the layer planes of Ag/Co and AgSn/Co multilayers (invited). <i>Journal of Applied Physics</i> , 1993, 73, 5326-5331.	2.5	40
17	Tip-induced local anodic oxidation on the native SiO <sub>2</sub> layer of Si(111) using an atomic force microscope. <i>Physical Review B</i> , 2001, 64, .	3.2	38
18	Novel Transition Metal Oxalatophosphates with a Two-Dimensional Honeycomb Structure: (H <sub>3</sub> TREN)[M <sub>2</sub> (HPO <sub>4</sub> )(C <sub>2</sub> O <sub>4</sub> ) <sub>2.5</sub> ]·3H <sub>2</sub> O (M = Mn and Fe, TREN = Tris(2-aminoethyl)amine). <i>Inorganic Chemistry</i> , 2003, 42, 6154-6156.	4.0	36

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19	Ferromagnetic resonance study of thickness-dependent magnetization precession in Ni80Fe20 films. Journal of Applied Physics, 2007, 101, 09C104.	2.5	36
20	Exchange bias in spin glass (FeAu)/NiFe thin films. Applied Physics Letters, 2010, 96, .	3.3	35
21	Ferromagnetic domain walls as spin wave filters and the interplay between domain walls and spin waves. Scientific Reports, 2018, 8, 3910.	3.3	31
22	Guest dependent dielectric properties of nickel( $\text{Ni}^{2+}$ )-based supramolecular networks. CrystEngComm, 2014, 16, 6309-6315.	2.6	30
23	Field-free spin-orbit torque switching through domain wall motion. Physical Review B, 2019, 100, .	3.2	28
24	Studying spin-dependent scattering in magnetic multilayers by means of perpendicular (CPP) magnetoresistance measurements. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 1995, 31, 77-83.	3.5	27
25	Magnetic states of magnetic multilayers at different fields. Journal of Applied Physics, 1994, 76, 6610-6612.	2.5	26
26	Temperature and voltage dependence of the resistance and magnetoresistance in discontinuous double tunnel junctions. Physical Review B, 2002, 65, .	3.2	26
27	Magnetic Mesocrystal-Assisted Magnetoresistance in Manganite. Nano Letters, 2014, 14, 6073-6079.	9.1	26
28	Spin Wave Injection and Propagation in a Magnetic Nanochannel from a Vortex Core. Nano Letters, 2020, 20, 3140-3146.	9.1	26
29	GdFe <sub>0.8</sub> Ni <sub>0.2</sub> O <sub>3</sub> : A Multiferroic Material for Low-Power Spintronic Devices with High Storage Capacity. ACS Applied Materials & Interfaces, 2019, 11, 31562-31572.	8.0	25
30	Electron-Phonon and Spin-Lattice Coupling in Atomically Thin Layers of MnBi <sub>2</sub> Te <sub>4</sub> . Nano Letters, 2021, 21, 6139-6145.	9.1	25
31	How to isolate effects of spin-flip scattering on giant magnetoresistance in magnetic multilayers (invited). Journal of Applied Physics, 1994, 75, 6699-6703.	2.5	24
32	Magnetic properties of large-area one-dimensional WO <sub>2</sub> and MoO <sub>2</sub> nanorods. Journal of Magnetism and Magnetic Materials, 2006, 304, e13-e15.	2.3	23
33	Detection of inverse spin Hall effect in epitaxial ferromagnetic Fe <sub>3</sub> Si films with normal metals Au and Pt. Journal of Applied Physics, 2013, 113, .	2.5	23
34	Evidence for exchange Dirac gap in magnetotransport of topological insulator-magnetic insulator heterostructures. Physical Review B, 2019, 100, .	3.2	23
35	Observation of room temperature ferromagnetic behavior in cluster-free, Co doped HfO <sub>2</sub> films. Applied Physics Letters, 2007, 91, .	3.3	21
36	Magnetoresistance study in thin zig zag NiFe wires. Journal of Applied Physics, 2002, 91, 7983.	2.5	20

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37	Inverse spin Hall effect induced by spin pumping into semiconducting ZnO. Applied Physics Letters, 2014, 104, 052401.	3.3	20
38	Magnetic and thermal studies of nano-size Co and Fe particles. Journal of Magnetism and Magnetic Materials, 2002, 239, 249-251.	2.3	19
39	Low Dielectric Behavior of a Robust, Guest-Free Magnesium(II)-Organic Framework: A Potential Application of an Alkaline-Earth Metal Compound. European Journal of Inorganic Chemistry, 2015, 2015, 1669-1674.	2.0	19
40	Van der Waals epitaxy of topological insulator Bi <sub>2</sub> Se <sub>3</sub> on single layer transition metal dichalcogenide MoS <sub>2</sub> . Applied Physics Letters, 2017, 111, .	3.3	19
41	Magnetoresistance effect in Ag-Fe <sub>3</sub> O <sub>4</sub> and Al-Fe <sub>3</sub> O <sub>4</sub> composite films. Journal of Applied Physics, 2003, 93, 7702-7704.	2.5	18
42	Spin injection: theory and application to Johnson's spin switch. Journal of Magnetism and Magnetic Materials, 1997, 165, 115-120.	2.3	15
43	Magnetoresistance of La <sub>0.7</sub> Sr <sub>0.3</sub> MnO <sub>3</sub> film at room temperature. Journal of Magnetism and Magnetic Materials, 2001, 226-230, 690-692.	2.3	15
44	Detection of the magnetization reversal in submicron Co particles by GMR measurements. Journal of Magnetism and Magnetic Materials, 1997, 165, 512-515.	2.3	14
45	Quantitative analysis of magnetization reversal in submicron S-patterned structures with narrow constrictions by magnetic force microscopy. Applied Physics Letters, 2005, 86, 053111.	3.3	13
46	Mechanically tunable exchange coupling of Co/CoO bilayers on flexible muscovite substrates. Nanoscale, 2020, 12, 3284-3291.	5.6	13
47	Magnetic flux penetration depth study in Nb/Co system. Journal of Applied Physics, 2000, 87, 5564-5566.	2.5	12
48	Self-assembled molecular magnets on patterned silicon substrates: Bridging bio-molecules with nanoelectronics. Biomaterials, 2007, 28, 1941-1947.	11.4	12
49	Magnetic interaction in nanometer line width elliptical ring arrays. Journal of Applied Physics, 2008, 103, 07C514.	2.5	12
50	Dielectric constant at x-band microwave frequencies for multiferroic BiFeO <sub>3</sub> thin films. Journal of Applied Physics, 2009, 105, .	2.5	12
51	Strongly enhanced spin current in topological insulator/ferromagnetic metal heterostructures by spin pumping. Journal of Applied Physics, 2015, 117, .	2.5	12
52	Thickness dependence of superconducting transition temperature in Co/SC/Co trilayers and SC/Co bilayers with SC=NbTi, Nb. Journal of Applied Physics, 2002, 92, 2624-2627.	2.5	11
53	Magnetotransport study of granular chromium dioxide thin films prepared by the chemical vapor deposition technique. Journal of Magnetism and Magnetic Materials, 2002, 239, 213-216.	2.3	11
54	Demonstration of edge roughness effect on the magnetization reversal of spin valve submicron wires. Applied Physics Letters, 2010, 97, 022109.	3.3	11

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55	Magnetic Interaction in Domain Wall Depinning at Square Notch and Antinotch Traps. IEEE Transactions on Magnetics, 2011, 47, 2519-2521. Spin chemical potential bias induced surface current evidenced by spin pumping into the topological insulator	2.1	11
56	$B \times i > 2$ $T < e > 3$	3.2	11
57	Study of domain wall magnetoresistance by submicron patterned magnetic structure. Journal of Applied Physics, 2003, 93, 8761-8763.	2.5	11
58	Two-dimensional to three-dimensional crossover and magnetic penetration depth study in NbTi/Co multilayers. Journal of Applied Physics, 2001, 89, 7493-7495.	2.5	10
59	Comparison of anisotropic interface magnetoresistance in Co/Pt and Co/Pd multilayers. Journal of Applied Physics, 2013, 113, .	2.5	10
60	Origin and enhancement of spin polarized current in diluted magnetic oxides by oxygen vacancies. Applied Physics Letters, 2016, 108, .	3.3	10
61	Magnons and magnetic fluctuations in atomically thin MnBi <sub>2</sub> Te <sub>4</sub> . Nature Communications, 2022, 13, 2527.	12.8	10
62	Flux pinning force in Nb thin films with periodic vortex pinning arrays. Journal of Applied Physics, 2002, 91, 8510.	2.5	9
63	Spectra broadening of point-contact Andreev reflection measurement on GaMnAs. Journal of Applied Physics, 2009, 105, .	2.5	9
64	Current induced localized domain wall oscillators in NiFe/Cu/NiFe submicron wires. Applied Physics Letters, 2012, 101, 242404.	3.3	9
65	Giant CPP-magnetoresistance of Ni/Ag multilayers. Physica B: Condensed Matter, 1994, 194-196, 327-328.	2.7	8
66	Novel epitaxial growth and magnetotransport characterization of single crystal superlattices on Mo buffer layers. Applied Surface Science, 1996, 92, 480-483.	6.1	8
67	Magnetic Properties of Ultrathin Co/Si(111) Films. Japanese Journal of Applied Physics, 1998, 37, 5976-5979.	1.5	8
68	Magnetoresistance study in Co/Al/Co and Al/Co/Al double tunneling junctions. Journal of Applied Physics, 2002, 91, 7469.	2.5	8
69	Current driven domain wall motion in magnetic U-pattern. Journal of Applied Physics, 2005, 97, 10C710.	2.5	8
70	Comparison of magnetic properties of ultrathin Co/Si(111) and Co/Ag/Si(111) films. Journal of Magnetism and Magnetic Materials, 2000, 209, 208-210.	2.3	7
71	Properties of Nb/Co trilayers. Journal of Magnetism and Magnetic Materials, 2000, 209, 231-233.	2.3	7
72	Magnetoresistance of spin-dependent tunnel junctions with composite electrodes. Journal of Applied Physics, 2001, 90, 6222-6225.	2.5	7

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73	Temperature dependence of the magnetoresistance in a zigzag ultrathin permalloy wire. Journal of Magnetism and Magnetic Materials, 2002, 239, 246-248.	2.3	7
74	Structural effects on interlayer coupling of Fe/Si multilayer. Journal of Magnetism and Magnetic Materials, 2002, 239, 319-322.	2.3	7
75	Quantitative analysis of interface resistance in Co/Nb multilayers for normal and superconducting Nb. Journal of Applied Physics, 2003, 93, 8212-8214.	2.5	7
76	Variation of magnetization reversal in pseudo-spin-valve elliptical rings. Applied Physics Letters, 2009, 94, 233103.	3.3	7
77	Relaxation behaviors of the bismuth-substituted yttrium iron garnet in the microwave range. Journal of Applied Physics, 2010, 107, .	2.5	7
78	Coercive mechanism and training effect in Fe-Au/Ni-Fe bilayer films. Journal of Applied Physics, 2011, 109, 07E148.	2.5	7
79	Exchange Bias Effect on the Relaxation Behavior of the IrMn/NiFe Bilayer System. IEEE Transactions on Magnetics, 2011, 47, 4227-4230.	2.1	7
80	Spin Pumping Induced Inverse Spin-Hall Effects in $\text{La}_{0.7}\text{Sr}_{0.3}\text{MnO}_3$ /Platinum Bilayer Film. IEEE Transactions on Magnetics, 2012, 48, 3958-3960.	2.1	7
81	Magnetic properties of ultrathin Co/Ge(111) and Co/Ge(100) films. Journal of Applied Physics, 2001, 89, 7130-7132.	2.5	6
82	Crystal structure and magnetic properties of FCC Co films on YSZ(001) substrates. Journal of Magnetism and Magnetic Materials, 2002, 239, 323-325.	2.3	6
83	Magnetoresistance study in NiFe/Al/NiFe single-electron tunneling devices. Journal of Applied Physics, 2003, 93, 8421-8423.	2.5	6
84	Strong crystal anisotropy of magneto-transport property in Fe <sub>3</sub> Si epitaxial film. Journal of Crystal Growth, 2011, 323, 372-375.	1.5	6
85	Observation of strongly enhanced inverse spin Hall voltage in Fe <sub>3</sub> Si/GaAs structures. Applied Physics Letters, 2014, 105, 152413.	3.3	6
86	Voltage-induced Interface Reconstruction and Electrical Instability of the Ferromagnet-Semiconductor Device. Scientific Reports, 2017, 7, 339.	3.3	6
87	Enormous Berry-Curvature-Based Anomalous Hall Effect in Topological Insulator (Bi,Sb) <sub>2</sub> Te <sub>3</sub> on Ferrimagnetic Europium Iron Garnet beyond 400 K. ACS Nano, 2022, 16, 2369-2380.	14.6	6
88	PLANAR JOSEPHSON JUNCTIONS FABRICATED BY FOCUSED-ION BEAM. International Journal of Modern Physics B, 2001, 15, 3359-3360.	2.0	5
89	COEXISTENCE OF FERROMAGNETISM AND HIGH-TEMPERATURE SUPERCONDUCTIVITY IN Dy-DOPED BiPbSrCaCuO. Surface Review and Letters, 2002, 09, 1109-1112.	1.1	5
90	Anomalous magnetic moments in Co/Nb multilayers. Journal of Magnetism and Magnetic Materials, 2002, 239, 301-303.	2.3	5

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91	Fabrication and physical properties of permalloy nano-size wires. Physica B: Condensed Matter, 2003, 327, 247-252.	2.7	5
92	Magnetoresistance study in NiFe semicircle-ring patterned wires. Journal of Applied Physics, 2003, 93, 7619-7621.	2.5	5
93	Magnetic switching and reversal process in a tip ring structure. Journal of Applied Physics, 2004, 95, 6723-6725.	2.5	5
94	Magnetic properties of patterned Fe <sub>3</sub> O <sub>4</sub> films. Journal of Magnetism and Magnetic Materials, 2004, 272-276, 1664-1665.	2.3	5
95	Mn,Cd-metallothionein-2: A room temperature magnetic protein. Biochemical and Biophysical Research Communications, 2006, 340, 1134-1138.	2.1	5
96	Properties of superconductivity for decoupled ferromagnet/superconductor trilayers and multilayers in Fe/Nb system. Journal of Magnetism and Magnetic Materials, 2006, 304, e81-e83.	2.3	5
97	Interface resistance and transparency in ferromagnet/superconductor $\text{Co} \hat{\cdot} \text{Nb} \times$		

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109	the spin-glass freezing transition in $CuMnAs$ alloy	2.2	3
110	Fabrication of micro-sensors integrated with single nanometer magnetic particles: Detection of the reversal of the magnetization. <i>Microelectronic Engineering</i> , 1996, 30, 483-486.	2.4	3
111	Structure and magnetic properties of Co grown on yttria-stabilized cubic zirconia substrates. <i>Journal of Applied Physics</i> , 2002, 91, 7197.	2.5	3
112	Magnetoresistance study in $NiAlNi$ and $AlNiAl$ tunneling junction systems. <i>Journal of Magnetism and Magnetic Materials</i> , 2002, 239, 112-115.	2.3	3
113	Experimental and simulation of magnetic hysteresis loops of $[Co_3(py_2z)(HPO_4)_2F_2]$ . <i>Journal of Applied Physics</i> , 2004, 95, 7073-7075.	2.5	3
114	Microwave FMR studies on ultrathin Fe/GaAs layer structures. <i>Journal of Magnetism and Magnetic Materials</i> , 2004, 282, 57-60.	2.3	3
115	Current-assisted magnetization switching in submicron permalloy S-shape wires with narrow junctions. <i>Journal of Applied Physics</i> , 2005, 97, 10J703.	2.5	3
116	Vortex domain wall depinning by polarized current in submicron half-ring wires. <i>Journal of Applied Physics</i> , 2006, 99, 08G516.	2.5	3
117	Magnetoelectric behavior of carbonyl iron mixed Mn oxide-coated ferrite nanoparticles. <i>Journal of Applied Physics</i> , 2010, 107, 09D904.	2.5	3
118	Influence of spin relaxation length on lateral double superconductor/ferromagnet/superconductor junctions. <i>Journal of Applied Physics</i> , 2011, 109, 07E155.	2.5	3
119	Nb lateral Josephson junctions induced by a NiFe cross strip. <i>Applied Physics Letters</i> , 2012, 101, 242601.	3.3	3
120	Thickness Effect of Interlayer on the Dielectric Permittivity of $BaTiO_3/Co/BaTiO_3$ and $BaTiO_3/Ta/BaTiO_3$ Films. <i>IEEE Transactions on Magnetics</i> , 2012, 48, 4297-4300.	2.1	3
121	Temperature dependence of static and dynamic magnetic properties in NiFe/IrMn bilayer system. <i>Journal of Materials Research</i> , 2014, 29, 1237-1247.	2.6	3
122	The FMR behavior of an ultrathin single Fe layer on a GaAs substrate. <i>IEEE Transactions on Magnetics</i> , 2002, 38, 3117-3119.	2.1	2
123	Magnetoresistance and magnetic force microscopy studies in Ni <sub>80</sub> Fe <sub>20</sub> disk- and ring-patterned wires. <i>Journal of Applied Physics</i> , 2003, 93, 8424-8426.	2.5	2
124	Temperature dependence of magnetic properties in Ni-Mn-Ga shape memory alloys. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2004, 1, 3579-3582.	0.8	2
125	Perpendicular interface resistance in $Co_{1-x}Nb_xTi_1$ multilayers for normal and superconducting NbTi alloy with $x=0.4, 0.6$ . <i>Journal of Applied Physics</i> , 2005, 97, 10B103.	2.5	2
126	Microwave switching behaviors of Fe/Ag/Fe/Ag epitaxial films. <i>Journal of Magnetism and Magnetic Materials</i> , 2006, 304, e118-e120.	2.3	2



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127	Magnetization reversal study in submicron half-ring patterned wires with different corner structures. <i>Journal of Applied Physics</i> , 2006, 99, 08G309.	2.5	2
128	Influence of IrMn exchange bias layer on the magnetic properties of half-ring NiFe micron structures. <i>Journal of Applied Physics</i> , 2007, 101, 09F511.	2.5	2
129	Determining vortex chirality in ferromagnetic ring by lateral nonlocal spin valve. <i>Journal of Applied Physics</i> , 2008, 103, 07F312.	2.5	2
130	Current-driven domain wall in giant magnetoresistance half-ring series wires with varied linewidth. <i>Journal of Applied Physics</i> , 2009, 105, 07D115.	2.5	2
131	Investigation of Cu <sub>0.5</sub> Ni <sub>0.5</sub> Nb interface transparency by using current-perpendicular-to-plane measurement. <i>European Physical Journal B</i> , 2011, 79, 153-162.	1.5	2
132	Coexistence of exchange bias and magnetization pinning in the MnOx/GaMnAs system. <i>Journal of Physics Condensed Matter</i> , 2011, 23, 415801.	1.8	2
133	Direct observation of hopping induced spin polarization current in oxygen deficient Co-doped ZnO by Andreev reflection technique. <i>Applied Surface Science</i> , 2017, 409, 194-199.	6.1	2
134	Spin-dependent tunneling in granular magnetic tunnel junctions. <i>Journal of Magnetism and Magnetic Materials</i> , 1997, 175, 33.	2.3	1
135	Quantitative study of magnetoresistance in patterned Ni <sub>80</sub> Fe <sub>20</sub> wires. <i>Physica Status Solidi (B): Basic Research</i> , 2004, 241, 1581-1584.	1.5	1
136	Current-induced domain-wall motion in U-shaped permalloy wire. <i>IEEE Transactions on Magnetics</i> , 2005, 41, 2627-2629.	2.1	1
137	Controlled domain wall motion by current into patterned-U Ni <sub>80</sub> Fe <sub>20</sub> wires. <i>Journal of Magnetism and Magnetic Materials</i> , 2006, 303, e192-e195.	2.3	1
138	Magnetic properties of iron oxalato phosphates with layer and framework structures. <i>Journal of Applied Physics</i> , 2007, 101, 09E107.	2.5	1
139	Superconducting and magnetic properties of Ni/Pb multilayered nanowires. <i>Journal of Applied Physics</i> , 2009, 105, 07D519.	2.5	1
140	Compensation between magnetoresistance and switching current in Co/Cu/Co spin valve pillar structure. <i>Applied Physics Letters</i> , 2010, 96, 093110.	3.3	1
141	Co Thickness Effect on the Dielectric Permittivity of SiO <sub>2</sub> /Co/SiO <sub>2</sub> Films. <i>IEEE Transactions on Magnetics</i> , 2012, 48, 3936-3939.	2.1	1
142	Vortex Induced by DC Current in a Circular Magnetic Spin Valve Nanopillar. <i>IEEE Transactions on Magnetics</i> , 2012, 48, 1297-1300.	2.1	1
143	Thermal effect in Pt/YIG heterostructure induced by direct microwave power injection. <i>Journal Physics D: Applied Physics</i> , 2020, 53, 125002.	2.8	1
144	Structure and Magnetic Properties of Fe/Si Multilayers. <i>Japanese Journal of Applied Physics</i> , 2000, 39, 494.	1.5	1

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145	High-temperature magnetization anomaly in Co/Ag/Si(111) ultrathin films. Journal of Magnetism and Magnetic Materials, 2000, 209, 217-219.	2.3	0
146	Angular and field dependent magnetoresistance in Ni <sub>80</sub> Fe <sub>20</sub> zigzag wires. Physica B: Condensed Matter, 2003, 327, 287-291.	2.7	0
147	Magnetization reversal process of patterned Ni <sub>80</sub> Fe <sub>20</sub> zigzag wires. Journal of Magnetism and Magnetic Materials, 2004, 272-276, E1309-E1310.	2.3	0
148	Magnetic studies in octagon-patterned permalloy submicro-wires. Journal of Magnetism and Magnetic Materials, 2004, 272-276, 1686-1687.	2.3	0
149	K(UO) <sub>2</sub> Si <sub>2</sub> O <sub>6</sub> : A Pentavalent Uranium Silicate.. ChemInform, 2005, 36, no.	0.0	0
150	Self-assembled Molecular Magnets on Patterned Silicon Substrates. , 2006, , .		0
151	2P091 Turing metallothionein into magnetic protein(30. Protein function (II),Poster) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 50	0.1	0
152	Magnetic structures of [Co <sub>3</sub> (pyz)(HPO <sub>4</sub> ) <sub>2</sub> F <sub>2</sub> ], a fluorinated cobalt phosphate with a pillared layer structure. Physica B: Condensed Matter, 2006, 378-380, 1140-1141.	2.7	0
153	Magnetoresistance and domain wall motion in horseshoe Ni <sub>80</sub> Fe <sub>20</sub> wires. Journal of Magnetism and Magnetic Materials, 2006, 304, e328-e330.	2.3	0
154	Current detection of vortex motion in patterned S-shape wires with constrictions. Journal of Applied Physics, 2006, 99, 08G306.	2.5	0
155	Analysis of diffusive interface resistance for measurements with perpendicular current in Fe <sup>3+</sup> /Nb multilayers. Journal of Applied Physics, 2006, 99, 08M507.	2.5	0
156	Magnetic reversal for different shaped corners in sub-micron half-ring wires by mean phase analyses of magnetic force microscopy. Journal of Magnetism and Magnetic Materials, 2007, 310, 2606-2608.	2.3	0
157	Magnetization Reversal Characteristics in NiFe Elliptical Ring Arrays. IEEE Transactions on Magnetics, 2010, 46, 1975-1977.	2.1	0
158	Stochastic Magnetoresistance Behavior in Current-Perpendicular-to-Plane Submicron Spin Valve Pillars. IEEE Transactions on Magnetics, 2011, 47, 3463-3466.	2.1	0
159	Nb Lateral Josephson Junction Induced by Inverse Proximity Effect With NiFe. IEEE Transactions on Magnetics, 2012, 48, 4236-4238.	2.1	0
160	Magnetic and Metal Binding Structural Analysis of Mn,Zn-Metallothionein-Green Fluorescence Fusion Protein. Biophysical Journal, 2012, 102, 187a.	0.5	0
161	Observation of anomalous Hall effect in Cu-Py-crossed structure with in-plane magnetization. Journal of Applied Physics, 2012, 111, 07D307.	2.5	0