

Shang-Fan Lee

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/430634/publications.pdf>

Version: 2024-02-01

161
papers

3,374
citations

218677

26
h-index

161849

54
g-index

163
all docs

163
docs citations

163
times ranked

3022
citing authors

#	ARTICLE	IF	CITATIONS
1	Enormous Berry-Curvature-Based Anomalous Hall Effect in Topological Insulator (Bi,Sb) ₂ Te ₃ on Ferrimagnetic Europium Iron Garnet beyond 400 K. ACS Nano, 2022, 16, 2369-2380.	14.6	6
2	Magnons and magnetic fluctuations in atomically thin MnBi ₂ Te ₄ . Nature Communications, 2022, 13, 2527.	12.8	10
3	Electron-Phonon and Spin-Lattice Coupling in Atomically Thin Layers of MnBi ₂ Te ₄ . Nano Letters, 2021, 21, 6139-6145.	9.1	25
4	Thermal effect in Pt/YIG heterostructure induced by direct microwave power injection. Journal Physics D: Applied Physics, 2020, 53, 125002.	2.8	1
5	Probing the spin-glass freezing transition in $Cu_{1-x}Mn_x$ alloy		
6	Mechanically tunable exchange coupling of Co/CoO bilayers on flexible muscovite substrates. Nanoscale, 2020, 12, 3284-3291.	5.6	13
7	Spin Wave Injection and Propagation in a Magnetic Nanochannel from a Vortex Core. Nano Letters, 2020, 20, 3140-3146.	9.1	26
8	GdFe _{0.8} Ni _{0.2} O ₃ : A Multiferroic Material for Low-Power Spintronic Devices with High Storage Capacity. ACS Applied Materials & Interfaces, 2019, 11, 31562-31572.	8.0	25
9	Evidence for exchange Dirac gap in magnetotransport of topological insulator-magnetic insulator heterostructures. Physical Review B, 2019, 100, .	3.2	23
10	Field-free spin-orbit torque switching through domain wall motion. Physical Review B, 2019, 100, .	3.2	28
11	Strongly exchange-coupled and surface-state-modulated magnetization dynamics in Bi ₂ Se ₃ /yttrium iron garnet heterostructures. Nature Communications, 2018, 9, 223.	12.8	63
12	Ferromagnetic domain walls as spin wave filters and the interplay between domain walls and spin waves. Scientific Reports, 2018, 8, 3910.	3.3	31
13	Direct observation of hopping induced spin polarization current in oxygen deficient Co-doped ZnO by Andreev reflection technique. Applied Surface Science, 2017, 409, 194-199.	6.1	2
14	Van der Waals epitaxy of topological insulator Bi ₂ Se ₃ on single layer transition metal dichalcogenide MoS ₂ . Applied Physics Letters, 2017, 111, .	3.3	19
15	Voltage-induced Interface Reconstruction and Electrical Instability of the Ferromagnet-Semiconductor Device. Scientific Reports, 2017, 7, 339.	3.3	6
16	Origin and enhancement of spin polarized current in diluted magnetic oxides by oxygen vacancies. Applied Physics Letters, 2016, 108, .	3.3	10
17	Spin-orbital potential bias induced surface current evidenced by spin pumping into the topological insulator $Bi_{2-x}Sb_xTe_3$	3.2	11
18	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

#	ARTICLE	IF	CITATIONS
19	Strongly enhanced spin current in topological insulator/ferromagnetic metal heterostructures by spin pumping. Journal of Applied Physics, 2015, 117, .	2.5	12
20	Observation of strongly enhanced inverse spin Hall voltage in Fe ₃ Si/GaAs structures. Applied Physics Letters, 2014, 105, 152413.	3.3	6
21	Inverse spin Hall effect induced by spin pumping into semiconducting ZnO. Applied Physics Letters, 2014, 104, 052401.	3.3	20
22	Guest dependent dielectric properties of nickel(Ni^{2+})-based supramolecular networks. CrystEngComm, 2014, 16, 6309-6315.	2.6	30
23	Intrinsic low dielectric behaviour of a highly thermally stable Sr-based metal-organic framework for interlayer dielectric materials. Journal of Materials Chemistry C, 2014, 2, 3762-3768.	5.5	64
24	Magnetic Mesocrystal-Assisted Magnetoresistance in Manganite. Nano Letters, 2014, 14, 6073-6079.	9.1	26
25	Temperature dependence of static and dynamic magnetic properties in NiFe/IrMn bilayer system. Journal of Materials Research, 2014, 29, 1237-1247.	2.6	3
26	Anion-Controlled Dielectric Behavior of Homochiral Tryptophan-Based Metal-Organic Frameworks. Crystal Growth and Design, 2014, 14, 1572-1579.	3.0	54
27	Detection of inverse spin Hall effect in epitaxial ferromagnetic Fe ₃ Si films with normal metals Au and Pt. Journal of Applied Physics, 2013, 113, .	2.5	23
28	Comparison of anisotropic interface magnetoresistance in Co/Pt and Co/Pd multilayers. Journal of Applied Physics, 2013, 113, .	2.5	10
29	Nb lateral Josephson junctions induced by a NiFe cross strip. Applied Physics Letters, 2012, 101, 242601.	3.3	3
30	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
31	Co Thickness Effect on the Dielectric Permittivity of $\text{SiO}_2/\text{Co}/\text{SiO}_2$ Films. IEEE Transactions on Magnetics, 2012, 48, 3936-3939.	2.1	1
32	Effect of Transport-Induced Charge Inhomogeneity on Point-Contact Andreev Reflection Spectra at Ferromagnet-Superconductor Interfaces. Journal of the Physical Society of Japan, 2012, 81, 084704.	1.6	4
33	Thickness Effect of Interlayer on the Dielectric Permittivity of $\text{BaTiO}_3/\text{Co}/\text{BaTiO}_3$ and $\text{BaTiO}_3/\text{Ta}/\text{BaTiO}_3$ Films. IEEE Transactions on Magnetics, 2012, 48, 4297-4300.	2.1	3
34	Current induced localized domain wall oscillators in NiFe/Cu/NiFe submicron wires. Applied Physics Letters, 2012, 101, 242404.	3.3	9
35	Nb Lateral Josephson Junction Induced by Inverse Proximity Effect With NiFe. IEEE Transactions on Magnetics, 2012, 48, 4236-4238.	2.1	0
36	Magnetic and Metal Binding Structural Analysis of Mn,Zn-Metallothionein-Green Fluorescence Fusion Protein. Biophysical Journal, 2012, 102, 187a.	0.5	0

#	ARTICLE	IF	CITATIONS
37	Observation of anomalous Hall effect in Cu-Py-crossed structure with in-plane magnetization. Journal of Applied Physics, 2012, 111, 07D307.	2.5	0
38	The Characterization of Microwave Properties of PU-AgNWs Films. Ferroelectrics, 2012, 435, 148-154.	0.6	5
39	Vortex Induced by DC Current in a Circular Magnetic Spin Valve Nanopillar. IEEE Transactions on Magnetics, 2012, 48, 1297-1300.	2.1	1
40	Coercive mechanism and training effect in Fe-Au/Ni-Fe bilayer films. Journal of Applied Physics, 2011, 109, 07E148.	2.5	7
41	Influence of spin relaxation length on lateral double superconductor/ferromagnet/superconductor junctions. Journal of Applied Physics, 2011, 109, 07E155.	2.5	3
42	Stochastic Magnetoresistance Behavior in Current-Perpendicular-to-Plane Submicron Spin Valve Pillars. IEEE Transactions on Magnetics, 2011, 47, 3463-3466.	2.1	0
43	Magnetic Interaction in Domain Wall Depinning at Square Notch and Antinotch Traps. IEEE Transactions on Magnetics, 2011, 47, 2519-2521.	2.1	11
44	Exchange Bias Effect on the Relaxation Behavior of the IrMn/NiFe Bilayer System. IEEE Transactions on Magnetics, 2011, 47, 4227-4230.	2.1	7
45	Microwave Shielding Characteristics of PMMA/BiFeO_3 Composites. IEEE Transactions on Magnetics, 2011, 47, 4306-4309.	2.1	4
46	Investigation of Cu _{0.5} Ni _{0.5} /Nb interface transparency by using current-perpendicular-to-plane measurement. European Physical Journal B, 2011, 79, 153-162.	1.5	2
47	Strong crystal anisotropy of magneto-transport property in Fe ₃ Si epitaxial film. Journal of Crystal Growth, 2011, 323, 372-375.	1.5	6
48	Coexistence of exchange bias and magnetization pinning in the MnOx/GaMnAs system. Journal of Physics Condensed Matter, 2011, 23, 415801.	1.8	2
49	Magnetization reversal processes of epitaxial Fe ₃ Si films on GaAs(001). Journal of Applied Physics, 2011, 109, 07D508.	2.5	5
50	Intrinsic Spin-Dependent Thermal Transport. Physical Review Letters, 2011, 107, 216604.	7.8	231
51	Exchange bias in spin glass (FeAu)/NiFe thin films. Applied Physics Letters, 2010, 96, .	3.3	35
52	Magnetization Reversal Characteristics in NiFe Elliptical Ring Arrays. IEEE Transactions on Magnetics, 2010, 46, 1975-1977.	2.1	0
53	Magnetoelectric behavior of carbonyl iron mixed Mn oxide-coated ferrite nanoparticles. Journal of Applied Physics, 2010, 107, 09D904.	2.5	3
54	Demonstration of edge roughness effect on the magnetization reversal of spin valve submicron wires. Applied Physics Letters, 2010, 97, 022109.	3.3	11

#	ARTICLE	IF	CITATIONS
55	Compensation between magnetoresistance and switching current in Co/Cu/Co spin valve pillar structure. Applied Physics Letters, 2010, 96, 093110.	3.3	1
56	Relaxation behaviors of the bismuth-substituted yttrium iron garnet in the microwave range. Journal of Applied Physics, 2010, 107, .	2.5	7
57	Analysis of the proximity effect and the interface transparency with perpendicular current in Ni/Nb system. Journal of Applied Physics, 2009, 105, 07E319.	2.5	5
58	Spectra broadening of point-contact Andreev reflection measurement on GaMnAs. Journal of Applied Physics, 2009, 105, .	2.5	9
59	Dielectric constant at x-band microwave frequencies for multiferroic BiFeO3 thin films. Journal of Applied Physics, 2009, 105, .	2.5	12
60	Superconducting and magnetic properties of Ni/Pb multilayered nanowires. Journal of Applied Physics, 2009, 105, 07D519.	2.5	1
61	Current-driven domain wall in giant magnetoresistance half-ring series wires with varied linewidth. Journal of Applied Physics, 2009, 105, 07D115.	2.5	2
62	Variation of magnetization reversal in pseudo-spin-valve elliptical rings. Applied Physics Letters, 2009, 94, 233103.	3.3	7
63	Magnetic interaction in nanometer line width elliptical ring arrays. Journal of Applied Physics, 2008, 103, 07C514.	2.5	12
64	Dimensional crossover and flux pinning of decoupled Cu50Ni50•Nb multilayers. Journal of Applied Physics, 2008, 103, 07C704.	2.5	5
65	Determining vortex chirality in ferromagnetic ring by lateral nonlocal spin valve. Journal of Applied Physics, 2008, 103, 07F312.	2.5	2
66	Ferromagnetic resonance study of thickness-dependent magnetization precession in Ni80Fe20 films. Journal of Applied Physics, 2007, 101, 09C104.	2.5	36
67	Magnetic properties of iron oxalato phosphates with layer and framework structures. Journal of Applied Physics, 2007, 101, 09E107.	2.5	1
68	Interface resistance and transparency in ferromagnet/superconductor $\text{Co} \hat{\cdot} \text{Nb}_x$		

#	ARTICLE	IF	CITATIONS
73	Ionic Liquid of Choline Chloride/Malonic Acid as a Solvent in the Synthesis of Open-Framework Iron Oxalato-phosphates. <i>Inorganic Chemistry</i> , 2006, 45, 1891-1893.	4.0	92
74	Self-assembled Molecular Magnets on Patterned Silicon Substrates. , 2006, , .		0
75	Mn,Cd-metallothionein-2: A room temperature magnetic protein. <i>Biochemical and Biophysical Research Communications</i> , 2006, 340, 1134-1138.	2.1	5
76	2P091 Turing metallothionein into magnetic protein(30. Protein function (II),Poster) Tj ETQq0 0 0 rgBT /Overlock 10 Jf 50 622 0 Td (Sess	0.1	0
77	Magnetic structures of [Co ₃ (pyz)(HPO ₄) ₂ F ₂], a fluorinated cobalt phosphate with a pillared layer structure. <i>Physica B: Condensed Matter</i> , 2006, 378-380, 1140-1141.	2.7	0
78	Controlled domain wall motion by current into patterned-U Ni ₈₀ Fe ₂₀ wires. <i>Journal of Magnetism and Magnetic Materials</i> , 2006, 303, e192-e195.	2.3	1
79	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
80	Magnetic properties of large-area one-dimensional WO ₂ and MoO ₂ nanorods. <i>Journal of Magnetism and Magnetic Materials</i> , 2006, 304, e13-e15.	2.3	23
81	Magnetoresistance and domain wall motion in horseshoe Ni ₈₀ Fe ₂₀ wires. <i>Journal of Magnetism and Magnetic Materials</i> , 2006, 304, e328-e330.	2.3	0
82	Microstructure and magnetic properties of Co/Os/Co and Fe/Os/Fe thin films. <i>Journal of Magnetism and Magnetic Materials</i> , 2006, 304, e349-e352.	2.3	4
83	Properties of superconductivity for decoupled ferromagnet/superconductor trilayers and multilayers in Fe/Nb system. <i>Journal of Magnetism and Magnetic Materials</i> , 2006, 304, e81-e83.	2.3	5
84	Current detection of vortex motion in patterned S-shape wires with constrictions. <i>Journal of Applied Physics</i> , 2006, 99, 08G306.	2.5	0
85	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
86	Vortex domain wall depinning by polarized current in submicron half-ring wires. <i>Journal of Applied Physics</i> , 2006, 99, 08G516.	2.5	3
87	Analysis of diffusive interface resistance for measurements with perpendicular current in Fe [*] Nb multilayers. <i>Journal of Applied Physics</i> , 2006, 99, 08M507.	2.5	0
88	Current-induced domain-wall motion in U-shaped permalloy wire. <i>IEEE Transactions on Magnetics</i> , 2005, 41, 2627-2629.	2.1	1
89	K(UO)Si ₂ O ₆ : A Pentavalent ^U Uranium Silicate.. <i>ChemInform</i> , 2005, 36, no.	0.0	0
90	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

#	ARTICLE	IF	CITATIONS
91	Current driven domain wall motion in magnetic U-pattern. Journal of Applied Physics, 2005, 97, 10C710.	2.5	8
92	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
93	K(UO)Si ₂ O ₆ : A Pentavalent Uranium Silicate. Journal of the American Chemical Society, 2005, 127, 12208-12209.	13.7	87
94	Perpendicular interface resistance in Co _x Nb _{1-x} Ti multilayers for normal and superconducting NbTi alloy with x=0.4, 0.6. Journal of Applied Physics, 2005, 97, 10B103.	2.5	2
95	Experimental and simulation of magnetic hysteresis loops of [Co ₃ (pyz)(HPO ₄) ₂ F ₂]. Journal of Applied Physics, 2004, 95, 7073-7075.	2.5	3
96	Magnetic switching and reversal process in a tip ring structure. Journal of Applied Physics, 2004, 95, 6723-6725.	2.5	5
97	Growth and characterization of La _{0.7} Sr _{0.3} MnO ₃ films on various substrates. Journal of Magnetism and Magnetic Materials, 2004, 268, 326-331.	2.3	79
98	Quantitative study of magnetoresistance in patterned Ni ₈₀ Fe ₂₀ wires. Physica Status Solidi (B): Basic Research, 2004, 241, 1581-1584.	1.5	1
99	Temperature dependence of magnetic properties in Ni-Mn-Ga shape memory alloys. Physica Status Solidi C: Current Topics in Solid State Physics, 2004, 1, 3579-3582.	0.8	2
100	Magnetic properties of patterned Fe ₃ O ₄ films. Journal of Magnetism and Magnetic Materials, 2004, 272-276, 1664-1665.	2.3	5
101	Magnetization reversal process of patterned Ni ₈₀ Fe ₂₀ zigzag wires. Journal of Magnetism and Magnetic Materials, 2004, 272-276, E1309-E1310.	2.3	0
102	Magnetic studies in octagon-patterned permalloy submicro-wires. Journal of Magnetism and Magnetic Materials, 2004, 272-276, 1686-1687.	2.3	0
103	Microwave FMR studies on ultrathin Fe/GaAs layer structures. Journal of Magnetism and Magnetic Materials, 2004, 282, 57-60.	2.3	3
104	Metamagnetism in Cobalt Phosphates with Pillared Layer Structures: [Co ₃ (pyz)(HPO ₄) ₂ F ₂] and [Co ₃ (4,4'-bpy)(HPO ₄) ₂ F ₂] _x H ₂ O. Inorganic Chemistry, 2004, 43, 2564-2568.	4.0	80
105	Fabrication and physical properties of permalloy nano-size wires. Physica B: Condensed Matter, 2003, 327, 247-252.	2.7	5
106	Angular and field dependent magnetoresistance in Ni ₈₀ Fe ₂₀ zigzag wires. Physica B: Condensed Matter, 2003, 327, 287-291.	2.7	0
107	Electrical resistance study of Tb ₅ (SixGe _{1-x}) ₄ compounds. Physica B: Condensed Matter, 2003, 327, 324-327.	2.7	4
108	Novel Transition Metal Oxalatophosphates with a Two-Dimensional Honeycomb Structure: (H ₃ TREN)[M ₂ (HPO ₄)(C ₂ O ₄) _{2.5}] _x ·3H ₂ O (M = Mn and Fe, TREN = Tris(2-aminoethyl)amine). Inorganic Chemistry, 2003, 42, 6154-6156.	4.0	36

#	ARTICLE	IF	CITATIONS
109	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
110	Magnetoresistance study in NiFe semicircle-ring patterned wires. Journal of Applied Physics, 2003, 93, 7619-7621.	2.5	5
111	Magnetoresistance effect in Ag ^{1-x} Fe ₃ O ₄ and Al ^{1-x} Fe ₃ O ₄ composite films. Journal of Applied Physics, 2003, 93, 7702-7704.	2.5	18
112	Magnetoresistance study in NiFe/Al/NiFe single-electron tunneling devices. Journal of Applied Physics, 2003, 93, 8421-8423.	2.5	6
113	Magnetoresistance and magnetic force microscopy studies in Ni ₈₀ Fe ₂₀ disk- and ring-patterned wires. Journal of Applied Physics, 2003, 93, 8424-8426.	2.5	2
114	Study of domain wall magnetoresistance by submicron patterned magnetic structure. Journal of Applied Physics, 2003, 93, 8761-8763.	2.5	11
115	Magnetoresistance study in Co/Al/Co and Al/Co/Al double tunneling junctions. Journal of Applied Physics, 2002, 91, 7469.	2.5	8
116	Structure and magnetic properties of Co grown on yttria-stabilized cubic zirconia substrates. Journal of Applied Physics, 2002, 91, 7197.	2.5	3
117	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
118	Magnetoresistance study in thin zig zag NiFe wires. Journal of Applied Physics, 2002, 91, 7983.	2.5	20
119	COEXISTENCE OF FERROMAGNETISM AND HIGH-TEMPERATURE SUPERCONDUCTIVITY IN Dy-DOPED BiPbSrCaCuO. Surface Review and Letters, 2002, 09, 1109-1112.	1.1	5
120	Flux pinning force in Nb thin films with periodic vortex pinning arrays. Journal of Applied Physics, 2002, 91, 8510.	2.5	9
121	Temperature and voltage dependence of the resistance and magnetoresistance in discontinuous double tunnel junctions. Physical Review B, 2002, 65, .	3.2	26
122	The FMR behavior of an ultrathin single Fe layer on a GaAs substrate. IEEE Transactions on Magnetics, 2002, 38, 3117-3119.	2.1	2
123	Temperature dependence of the magnetoresistance in a zigzag ultrathin permalloy wire. Journal of Magnetism and Magnetic Materials, 2002, 239, 246-248.	2.3	7
124	Magnetic and thermal studies of nano-size Co and Fe particles. Journal of Magnetism and Magnetic Materials, 2002, 239, 249-251.	2.3	19
125	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
126	Magnetoresistance study in Ni/Al/Ni and Al/Ni/Al tunneling junction systems. Journal of Magnetism and Magnetic Materials, 2002, 239, 112-115.	2.3	3

#	ARTICLE	IF	CITATIONS
127	Anomalous magnetic moments in Co/Nb multilayers. Journal of Magnetism and Magnetic Materials, 2002, 239, 301-303.	2.3	5
128	Structural effects on interlayer coupling of Fe/Si multilayer. Journal of Magnetism and Magnetic Materials, 2002, 239, 319-322.	2.3	7
129	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
130	Magnetoresistance of La _{0.7} Sr _{0.3} MnO ₃ film at room temperature. Journal of Magnetism and Magnetic Materials, 2001, 226-230, 690-692.	2.3	15
131	PLANAR JOSEPHSON JUNCTIONS FABRICATED BY FOCUSED-ION BEAM. International Journal of Modern Physics B, 2001, 15, 3359-3360.	2.0	5
132	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
133	Magnetic properties of ultrathin Co/Ge(111) and Co/Ge(100) films. Journal of Applied Physics, 2001, 89, 7130-7132.	2.5	6
134	Magnetoresistance of spin-dependent tunnel junctions with composite electrodes. Journal of Applied Physics, 2001, 90, 6222-6225.	2.5	7
135	Tip-induced local anodic oxidation on the native SiO ₂ layer of Si(111) using an atomic force microscope. Physical Review B, 2001, 64, .	3.2	38
136	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
137	High-temperature magnetization anomaly in Co/Ag/Si(111) ultrathin films. Journal of Magnetism and Magnetic Materials, 2000, 209, 217-219.	2.3	0
138	Properties of Nb/Co trilayers. Journal of Magnetism and Magnetic Materials, 2000, 209, 231-233.	2.3	7
139	Magnetic flux penetration depth study in Nb/Co system. Journal of Applied Physics, 2000, 87, 5564-5566.	2.5	12
140	Structure and Magnetic Properties of Fe/Si Multilayers. Japanese Journal of Applied Physics, 2000, 39, 494.	1.5	1
141	Effect of Ag buffer layer to ultrathin Co films on Si[111] surface. IEEE Transactions on Magnetics, 1999, 35, 3028-3030.	2.1	4
142	Magnetic Properties of Ultrathin Co/Si(111) Films. Japanese Journal of Applied Physics, 1998, 37, 5976-5979.	1.5	8
143	Tunneling Magnetoresistance in Ferromagnetic Junctions: Bias Dependence. Acta Physica Polonica A, 1998, 93, 387-391.	0.5	5
144	Spin injection: theory and application to Johnson's spin switch. Journal of Magnetism and Magnetic Materials, 1997, 165, 115-120.	2.3	15

#	ARTICLE	IF	CITATIONS
145	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
146	Spin-dependent tunneling in granular magnetic tunnel junctions. Journal of Magnetism and Magnetic Materials, 1997, 175, 33.	2.3	1
147	Fabrication of micro-sensors integrated with single nanometer magnetic particles: Detection of the reversal of the magnetization. Microelectronic Engineering, 1996, 30, 483-486.	2.4	3
148	Novel epitaxial growth and magnetotransport characterization of single crystal superlattices on Mo buffer layers. Applied Surface Science, 1996, 92, 480-483.	6.1	8
149	Theory of the bipolar spin switch. Physical Review B, 1996, 53, 6554-6565.	3.2	132
150	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
151	Current-perpendicular and current-parallel giant magnetoresistances in Co/Ag multilayers. Physical Review B, 1995, 52, 15426-15441.	3.2	89
152	Fabrication and characterization of magnetic superlattices-epitaxial Co/Cr(100) and Co/Cr(211) superlattices. IEEE Transactions on Magnetics, 1995, 31, 3927-3929.	2.1	4
153	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
154	Magnetic states of magnetic multilayers at different fields. Journal of Applied Physics, 1994, 76, 6610-6612.	2.5	26
155	Giant CPP-magnetoresistance of Ni/Ag multilayers. Physica B: Condensed Matter, 1994, 194-196, 327-328.	2.7	8
156	Spin flip diffusion length and giant magnetoresistance at low temperatures. Physical Review Letters, 1994, 72, 3274-3277.	7.8	157
157	Two-channel analysis of CPP-MR data for Ag/Co and AgSn/Co multilayers. Journal of Magnetism and Magnetic Materials, 1993, 118, L1-L5.	2.3	148
158	Giant magnetoresistance with current perpendicular to the multilayer planes. Journal of Magnetism and Magnetic Materials, 1993, 126, 406-409.	2.3	92
159	Giant magnetoresistance with current perpendicular to the layer planes of Ag/Co and AgSn/Co multilayers (invited). Journal of Applied Physics, 1993, 73, 5326-5331.	2.5	40
160	Field-dependent interface resistance of Ag/Co multilayers. Physical Review B, 1992, 46, 548-551.	3.2	123
161	Perpendicular giant magnetoresistances of Ag/Co multilayers. Physical Review Letters, 1991, 66, 3060-3063.	7.8	601