

Tomoyasu Taniyama

List of Publications by Year in descending order

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191
papers

5,451
citations

71061

41
h-index

98753

67
g-index

191
all docs

191
docs citations

191
times ranked

5329
citing authors

#	ARTICLE	IF	CITATIONS
1	Zero-field routing of spin waves in a multiferroic heterostructure. <i>Applied Physics Letters</i> , 2022, 120, .	1.5	3
2	Shear-strain-mediated large nonvolatile tuning of ferromagnetic resonance by an electric field in multiferroic heterostructures. <i>NPG Asia Materials</i> , 2021, 13, .	3.8	14
3	Temperature dependence of the effective Gilbert damping constant of FeRh thin films. <i>AIP Advances</i> , 2021, 11, .	0.6	4
4	Electric-Field Control of Propagating Spin Waves by Ferroelectric Domain-Wall Motion in a Multiferroic Heterostructure. <i>Advanced Materials</i> , 2021, 33, e2100646.	11.1	25
5	Voltage-driven strain-induced coexistence of both volatile and non-volatile interfacial magnetoelectric behaviors in LSMO/PMN-PT (0%0%1). <i>Journal Physics D: Applied Physics</i> , 2020, 53, 054003. ^{1.3}	1.3	12
6	In-plane ferroelectricity and enhanced Curie temperature in perovskite BaTiO ₃ epitaxial thin films. <i>Applied Physics Letters</i> , 2020, 117, .	1.5	5
7	Cation-Deficiency-Induced Crystal-Site Engineering for ZnGa ₂ O ₄ :Mn ²⁺ Thin Film. <i>Inorganic Chemistry</i> , 2020, 59, 8744-8748.	1.9	22
8	Bandgap tuning and optimization of green-emitting Zn ₂ SnO ₄ -Mg ₂ SnO ₄ :Mn ²⁺ using combinatorial pulsed laser deposition. <i>Ceramics International</i> , 2020, 46, 21771-21774.	2.3	4
9	Switchable third ScFeO ₃ polar ferromagnet with YMnO ₃ -type structure. <i>Journal of Materials Chemistry C</i> , 2020, 8, 4447-4452.	2.7	13
10	The effect of relative permittivity of surface supporting materials for high-speed rechargeable LiCoO ₂ cathode film. <i>Journal of Power Sources</i> , 2019, 441, 227194.	4.0	11
11	The effects of BaTiO ₃ nanodots density support on epitaxial LiCoO ₂ thin-film for high-speed rechargeability. <i>Electrochemistry Communications</i> , 2019, 109, 106604.	2.3	5
12	Magnetic properties of Single Crystal GaFeO ₃ . <i>MRS Advances</i> , 2019, 4, 61-66.	0.5	4
13	Strain-induced reversible manipulation of orbital magnetic moments in Ni/Cu multilayers on ferroelectric BaTiO ₃ . <i>Npj Quantum Materials</i> , 2019, 4, .	1.8	21
14	Enhancement of Ultrahigh Rate Chargeability by Interfacial Nanodot BaTiO ₃ Treatment on LiCoO ₂ Cathode Thin Film Batteries. <i>Nano Letters</i> , 2019, 19, 1688-1694.	4.5	47
15	Compositional dependence of Gilbert damping constant of epitaxial Fe _{100-x} Rh _x thin films. <i>Applied Physics Letters</i> , 2019, 115, 142403.	1.5	5
16	The single-crystal multinary compound Cu ₂ ZnSnS ₄ as an environmentally friendly high-performance thermoelectric material. <i>Applied Physics Express</i> , 2018, 11, 051203.	1.1	23
17	Change in magnetization of ferromagnetic Pd(001) ultrathin films induced by the strain effect of BaTiO ₃ . <i>Applied Physics Letters</i> , 2018, 112, 142409.	1.5	6
18	Strain Mediated in-Plane Uniaxial Magnetic Anisotropy in Amorphous CoFeB Films Based on Structural Phase Transitions of BaTiO ₃ Single-Crystal Substrates. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2018, 215, 1700762.	0.8	4

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37	Reversible Electric-Field-Driven Magnetic Domain-Wall Motion. <i>Physical Review X</i> , 2015, 5, .	2.8	58
38	Sequential write-read operations in FeRh antiferromagnetic memory. <i>Applied Physics Letters</i> , 2015, 107, .	1.5	79
39	Strain-controlled MO Effect on Highly Bi-substituted Neodymium Iron Gallium Garnet Thin Films. <i>Physics Procedia</i> , 2015, 75, 1370-1375.	1.2	1
40	Growth and characterization of Cu ₂ ZnSn(S _{1-x} Se _x) ₄ single crystal grown by traveling heater method. <i>Journal of Crystal Growth</i> , 2015, 423, 9-15.	0.7	11
41	Current induced antiferro-ferromagnetic transition in FeRh nanowires. <i>Japanese Journal of Applied Physics</i> , 2015, 54, 073002.	0.8	14
42	Lateral electric-field control of giant magnetoresistance in Co/Cu/Fe/BaTiO ₃ multiferroic heterostructure. <i>Applied Physics Letters</i> , 2015, 107, .	1.5	6
43	Barkhausen-like antiferromagnetic to ferromagnetic phase transition driven by spin polarized current. <i>Applied Physics Letters</i> , 2015, 107, .	1.5	12
44	Electric-field control of magnetism via strain transfer across ferromagnetic/ferroelectric interfaces. <i>Journal of Physics Condensed Matter</i> , 2015, 27, 504001.	0.7	93
45	Controllable exchange bias in Fe/metamagnetic FeRh bilayers. <i>Applied Physics Letters</i> , 2014, 105, .	1.5	26
46	Elastically controlled magnetic phase transition in Ga-FeRh/BaTiO ₃ (001) heterostructure. <i>Applied Physics Letters</i> , 2014, 104, 022401.	1.5	52
47	Perpendicularly magnetized spin filtering Cu/Ni multilayers. <i>Applied Physics Letters</i> , 2014, 104, 032404.	1.5	6
48	Thermo-physical properties of Cu ₂ ZnSnS ₄ single crystal. <i>Journal of Crystal Growth</i> , 2014, 393, 167-170.	0.7	21
49	Growth and characterization of Cu ₂ ZnSn(S _{1-x} Se _x) ₄ alloys grown by the melting method. <i>Journal of Crystal Growth</i> , 2014, 386, 204-207.	0.7	20
50	Effects of sodium on electrical properties in Cu ₂ ZnSnS ₄ single crystal. <i>Applied Physics Letters</i> , 2014, 104, .	1.5	113
51	Epitaxial growth of metastable multiferroic AlFeO ₃ film on SrTiO ₃ (111) substrate. <i>Applied Physics Letters</i> , 2014, 104, 082906.	1.5	44
52	Growth and characterization of Cu ₂ ZnSnS ₄ single crystals. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2013, 210, 1328-1331.	0.8	26
53	Structural Modification and Domain Structure in a BaTiO ₃ Film on (110) SrTiO ₃ . <i>Applied Physics Express</i> , 2013, 6, 015803.	1.1	11
54	Correlation between intrinsic defects and electrical properties in the high-quality Cu ₂ ZnSnS ₄ single crystal. <i>Applied Physics Letters</i> , 2013, 103, .	1.5	69

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55	Electric-voltage control of magnetism in Fe/BaTiO ₃ heterostructured multiferroics. Journal of Applied Physics, 2013, 113, 17C701.	1.1	16
56	Electric field driven variation in magnetoresistance of Co/Cu/Fe/BaTiO ₃ heterostructure. Journal of Applied Physics, 2013, 113, 17C713.	1.1	8
57	Collapse of Magnetic Order of the Quasi One-Dimensional Ising-Like Antiferromagnet BaCo ₂ V ₂ O ₈ in Transverse Fields. Journal of the Physical Society of Japan, 2013, 82, 033706.	0.7	33
58	Comparative study of phase transitions in BaTiO ₃ thin films grown on (001)- and (110)-oriented SrTiO ₃ substrate. Journal of Physics Condensed Matter, 2013, 25, 132001.	0.7	23
59	NPG Asia Materials celebrates a year of publishing original research. NPG Asia Materials, 2013, 5, e34-e34.	3.8	0
60	Temperature Dependence of Linear Thermal Expansion of CuGaSe ₂ Crystals. Materials Science Forum, 2012, 725, 171-174.	0.3	2
61	Preparation of Cu ₂ ZnSnS ₄ single crystals from Sn solutions. Journal of Crystal Growth, 2012, 341, 38-41.	0.7	69
62	Growth of Cu ₂ ZnSnSe ₄ single crystals from Sn solutions. Journal of Crystal Growth, 2012, 354, 147-151.	0.7	41
63	Alternating domains with uniaxial and biaxial magnetic anisotropy in epitaxial Fe films on BaTiO ₃ . Applied Physics Letters, 2012, 101, .	1.5	47
64	Growth of KH ₂ PO ₄ Single Crystal with an Artificial Isotope Gradient. Ferroelectrics, 2012, 440, 25-30.	0.3	1
65	Strain-induced reversible and irreversible magnetization switching in Fe/BaTiO ₃ heterostructures. Journal of Applied Physics, 2012, 111, .	1.1	45
66	Origin of the dielectric response in Ba _{0.767} Ca _{0.233} TiO ₃ . Applied Physics Letters, 2012, 100, .	1.5	14
67	Switching of the symmetry of magnetic anisotropy in Fe/BaTiO ₃ heterostructures. Applied Physics Letters, 2011, 99, .	1.5	53
68	Electrical and optical spin injection in ferromagnet/semiconductor heterostructures. NPG Asia Materials, 2011, 3, 65-73.	3.8	61
69	Growth of Cu ₂ ZnSnS ₄ Single Crystal by Traveling Heater Method. Japanese Journal of Applied Physics, 2011, 50, 128001.	0.8	17
70	Optically oriented electron spin transmission across ferromagnet/semiconductor interfaces. Proceedings of SPIE, 2011, , .	0.8	0
71	Manipulation of magnetic coercivity of Fe film in Fe/BaTiO ₃ heterostructure by electric field. Applied Physics Letters, 2011, 99, 102506.	1.5	83
72	Clear correspondence between magnetoresistance and magnetization of epitaxially grown ordered FeRh thin films. Journal of Applied Physics, 2011, 109, .	1.1	39

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73	Inversion of spin dependent photocurrent at Fe ₃ O ₄ /modulation doped GaAs heterointerfaces. Journal of Applied Physics, 2011, 109, 07E105.	1.1	2
74	Effect of spin polarized current on magnetic phase transition of ordered FeRh wires. Journal of Applied Physics, 2011, 109, 07C911.	1.1	25
75	Two-Qubit Gate of Combined Single-Spin Rotation and Interdot Spin Exchange in a Double Quantum Dot. Physical Review Letters, 2011, 107, 146801.	2.9	192
76	Ferroelectricity and electromechanical coupling in (1-x)AgNbO ₃ -xNaNbO ₃ solid solutions. Applied Physics Letters, 2011, 99, .	1.5	40
77	Peculiarities of Linear Thermal Expansion of CuInS ₂ Single Crystals. Japanese Journal of Applied Physics, 2011, 50, 05FB04.	0.8	8
78	Ferroelectricity of Li-doped silver niobate (Ag, Li)NbO ₃ . Journal of Physics Condensed Matter, 2011, 23, 075901.	0.7	25
79	Novel Phase Transition Probed by Sound Velocity in Quasi-One-Dimensional Ising-Like Antiferromagnet BaCo ₂ V ₂ O ₈ . Journal of the Physical Society of Japan, 2011, 80, 033701.	0.7	15
80	Field Induced Lattice Deformation in a Quasi-One-Dimensional Antiferromagnet BaCo ₂ V ₂ O ₈ . Journal of the Physical Society of Japan, 2010, 79, 043706.	0.7	5
81	Selective Addressing of Single Electron Spins in a Semiconductor Double Quantum Dot Integrated with a Micro-Magnet. , 2010, , .		0
82	Coherent manipulation of individual electron spin in a double quantum dot integrated with a micromagnet. Physical Review B, 2010, 81, .	1.1	52
83	Triple quantum dot device designed for three spin qubits. Applied Physics Letters, 2010, 97, .	1.5	47
84	Spin polarized electron transmission into GaAs quantum well across Fe ₃ O ₄ : Optical spin orientation analysis. Applied Physics Letters, 2010, 97, 172509.	1.5	4
85	Inversion of Spin Photocurrent due to Resonant Transmission. Physical Review Letters, 2010, 105, 156601.	2.9	10
86	Efficient spin injection into GaAs quantum well across Fe ₃ O ₄ spin filter. Applied Physics Letters, 2010, 96, 102510.	1.5	49
87	Phonon Dynamics in BiFeO ₃ Studied by Raman Scattering. Ferroelectrics, 2010, 403, 187-190.	0.3	8
88	Stability of ferromagnetic state of epitaxially grown ordered FeRh thin films. Journal of Applied Physics, 2009, 105, .	1.1	68
89	Artificially controlled magnetic domain structures in ferromagnetic dots/ferroelectric heterostructures. Journal of Applied Physics, 2009, 105, 07D901.	1.1	25
90	Spin Polarization of Electrons Injected from Fe into GaAs Quantum Well Characterized using Oblique Hanle Effect. Materials Research Society Symposia Proceedings, 2009, 1183, 49.	0.1	0

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91	Synthesis and Magnetic Properties of $\text{Ba}_2\text{Mn}_2\text{Si}_2\text{O}_9$: the First Example of $S=2$ Spin-Dimer with Spin-Singlet Ground State. Chemistry - an Asian Journal, 2009, 4, 1530-1535.	1.7	4
92	Spin-Related Current Suppression in a Semiconductor Quantum Dot Spin-Diode Structure. Physical Review Letters, 2009, 102, 236806.	2.9	39
93	Ferromagnetism and Electronic Structures of Nonstoichiometric Heusler-Alloy $\text{Fe}_{1-x}\text{Mn}_x\text{Zn}_{1-x}\text{Zn}_x$ Grown on Ge(111). Physical Review Letters, 2009, 102, 137204.	2.9	94
94	Low temperature magnetism of the $S=1/2$ quasi one-dimensional Ising-like antiferromagnet $\text{BaCo}_2\text{V}_2\text{O}_8$. Journal of Physics: Conference Series, 2009, 150, 042090.	0.3	2
95	Dynamical polarization effect of nuclear spin bath dragged by electron spin resonance in double quantum dot integrated with micro-magnet. Journal of Physics: Conference Series, 2009, 193, 012046.	0.3	3
96	Structural and magnetic characterization of Mn-doped ZnO films grown by spray pyrolysis method. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2008, 148, 234-236.	1.7	12
97	Electrically driven single-electron spin resonance in a slanting Zeeman field. Nature Physics, 2008, 4, 776-779.	6.5	484
98	Origin of Giant Dielectric Response in Nonferroelectric $\text{CaCu}_3\text{Ti}_4\text{O}_{12}$: Inhomogeneous Conduction Nature Probed by Atomic Force Microscopy. Chemistry of Materials, 2008, 20, 1694-1698.	3.2	77
99	Carrier induced magnetic anomalies in Mn-doped AgGaSe_2 magnetic semiconductor. Journal of Applied Physics, 2008, 103, 07D103.	1.1	1
100	Reply to Comment on "Origin of Giant Dielectric Response in Nonferroelectric $\text{CaCu}_3\text{Ti}_4\text{O}_{12}$: Inhomogeneous Conduction Nature Probed by Atomic Force Microscopy". Chemistry of Materials, 2008, 20, 6286-6287.	3.2	4
101	Novel Ordering of an Ising-Like Antiferromagnet in Magnetic Field. Physical Review Letters, 2008, 100, 057202.	2.9	118
102	Size dependence of martensite transformation temperature in ferromagnetic shape memory alloy FePd. Journal of Applied Physics, 2008, 103, 063910.	1.1	52
103	Selective Manipulation of Electron Spins with Electric Fields. Progress of Theoretical Physics Supplement, 2008, 176, 322-340.	0.2	8
104	Crossover of electron transmission mechanism and spin filtering effect at $\text{Fe}/\text{GaAs}(001)$ interfaces. Journal of Applied Physics, 2008, 103, 07A702.	1.1	13
105	Piezoelectric properties of lithium modified silver niobate perovskite single crystals. Applied Physics Letters, 2008, 92, .	1.5	44
106	Tunneling magnetoresistance effect in a few-electron quantum-dot spin valve. Applied Physics Letters, 2008, 93, 222107.	1.5	11
107	High temperature ferromagnetism in single crystalline dilute Fe-doped Ba_2TiO_7 . Physical Review B, 2008, 77, .	1.1	104
108	Oscillatory changes in the tunneling magnetoresistance effect in semiconductor quantum-dot spin valves. Physical Review B, 2008, 77, .	1.1	59

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109	Longitudinal Spin Density Wave Order in a Quasi-1D Ising-like Quantum Antiferromagnet. <i>Physical Review Letters</i> , 2008, 101, 207201.	2.9	51
110	Optically spin oriented electron transmission across fully epitaxial Fe ₃ O ₄ /GaAs(001) interfaces. <i>Journal of Applied Physics</i> , 2008, 103, 07D705.	1.1	8
111	Ferromagnetism at the surface of aLaCoO ₃ single crystal observed using scanning SQUID microscopy. <i>Physical Review B</i> , 2007, 75, .	1.1	40
112	Electrical voltage manipulation of ferromagnetic microdomain structures in a ferromagnetic/ferroelectric hybrid structure. <i>Journal of Applied Physics</i> , 2007, 101, 09F512.	1.1	22
113	Field-Induced Order-Disorder Transition in Antiferromagnetic BaCo ₂ V ₂ O ₈ . <i>Physical Review Letters</i> , 2007, 99, 087602.	2.9	81
114	Kondo effect in a semiconductor quantum dot coupled to ferromagnetic electrodes. <i>Applied Physics Letters</i> , 2007, 91, .	1.5	70
115	Conductive Boundary Layer in CaCu ₃ Ti ₄ O ₁₂ with Giant-Dielectric-Response. <i>Ferroelectrics</i> , 2007, 347, 140-144.	0.3	7
116	Spin transport through a single self-assembled InAs quantum dot with ferromagnetic leads. <i>Applied Physics Letters</i> , 2007, 90, 053108.	1.5	83
117	AgNbO ₃ : A lead-free material with large polarization and electromechanical response. <i>Applied Physics Letters</i> , 2007, 90, 252907.	1.5	229
118	Electric-field control of tunneling magnetoresistance effect in a Ni ₂ InAs ₂ Ni quantum-dot spin valve. <i>Applied Physics Letters</i> , 2007, 91, .	1.5	75
119	Flux Growth and Magnetic Anomalies of Co ₃ V ₂ O ₈ Crystals. <i>Crystal Growth and Design</i> , 2007, 7, 1055-1057.	1.4	15
120	Two magnetic phase transitions in quasi-one-dimensional system SrCo ₂ V ₂ O ₈ . <i>Solid State Communications</i> , 2007, 141, 667-670.	0.9	8
121	Spin-glass behavior in zero magnetic field using tunnel resistance. <i>Journal of Magnetism and Magnetic Materials</i> , 2007, 310, 1503-1505.	1.0	0
122	Size and field effect on mesoscopic spin glass. <i>Journal of Magnetism and Magnetic Materials</i> , 2007, 310, 1500-1502.	1.0	2
123	Surface ferromagnetism of LaCoO ₃ crystals. <i>Journal of Magnetism and Magnetic Materials</i> , 2007, 310, 2172-2173.	1.0	0
124	Dynamic relaxation of magnetic clusters in a ferromagnetic(Ga,Mn)As epilayer. <i>Physical Review B</i> , 2006, 73, .	1.1	12
125	Large magnetic anisotropy in the quasi-one-dimensional system BaCo ₂ V ₂ O ₈ . <i>Applied Physics Letters</i> , 2006, 88, 132504.	1.5	33
126	Optically pumped spin-polarized carrier transport across Fe ₃ O ₄ /GaAs interfaces. <i>Journal of Applied Physics</i> , 2006, 99, 08T307.	1.1	1

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127	High field magnetism of the quasi one-dimensional anisotropic antiferromagnet BaCo ₂ V ₂ O ₈ . Journal of Physics: Conference Series, 2006, 51, 99-102.	0.3	20
128	Magnetic behavior and structural feature of quasi-one-dimensional BaCu ₂ V ₂ O ₈ crystal. Journal of Magnetism and Magnetic Materials, 2006, 306, 277-280.	1.0	5
129	Long-range antiferromagnetic ordering in Cu ₂ NiB ₂ O ₆ . Journal of Solid State Chemistry, 2006, 179, 3937-3941.	1.4	7
130	Growth behavior and surface feature of quasi-one-dimensional anisotropic antiferromagnet BaCo ₂ V ₂ O ₈ crystal. Journal of Crystal Growth, 2006, 289, 734-736.	0.7	8
131	Crystal growth and magnetic properties of SrCo ₂ V ₂ O ₈ . Journal of Crystal Growth, 2006, 293, 458-461.	0.7	12
132	Analysis of atomic arrangement in magnetic Fe@Pt nanoparticles. Journal of Magnetism and Magnetic Materials, 2006, 300, 284-292.	1.0	17
133	Effect of the shape anisotropy on the magnetic configuration of (Ga,Mn)As and its evolution with temperature. Journal of Applied Physics, 2006, 99, 123901.	1.1	6
134	Electronic properties of the metallic pyrochlore ruthenates Pb ₂ Ru ₂ O _{6.5} and Bi ₂ Ru ₂ O ₇ . Physical Review B, 2006, 73, .	1.1	43
135	Out-of-plane magnetization reversal processes of (Ga,Mn)As with two different hole concentrations. Journal of Applied Physics, 2006, 99, 093903.	1.1	1
136	Magnetic anisotropy switching in (Ga,Mn)As with increasing hole concentration. Physical Review B, 2006, 74, .	1.1	33
137	Antiferromagnetic-paramagnetic transitions in longitudinal and transverse magnetic fields in a SrCo ₂ V ₂ O ₈ crystal. Physical Review B, 2006, 73, .	1.1	37
138	Optical Studies of Electron Spin Transmission. , 2005, , 59-100.		4
139	Magnetotransport measurement of (Ga,Mn)As epilayers with low-temperature annealing. Electrochimica Acta, 2005, 51, 1004-1007.	2.6	0
140	Spin selective transport at the ferromagnetic wire/GaAs interface. Journal of Magnetism and Magnetic Materials, 2005, 286, 103-107.	1.0	1
141	Ion Irradiation Control of Ferromagnetism in (Ga,Mn)As. Japanese Journal of Applied Physics, 2005, 44, L816-L818.	0.8	5
142	Effect of Ga ⁺ irradiation on magnetic and magnetotransport properties in (Ga,Mn)As epilayers. Journal of Applied Physics, 2005, 97, 10D302.	1.1	7
143	Correlation between ferromagnetism and hole localization in very thin (Ga,Mn)As epilayers. Journal of Applied Physics, 2005, 97, 10D301.	1.1	2
144	XMCD Study of Dilutely Fe Doped Pd Fine Particles. Journal of the Physical Society of Japan, 2005, 74, 1044-1048.	0.7	2

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145	Field-induced order-disorder transition in the quasi-one-dimensional anisotropic antiferromagnet BaCo ₂ V ₂ O ₈ . <i>Physical Review B</i> , 2005, 72, .	1.1	81
146	Crystal Growth and Magnetic Properties of BaCo ₂ V ₂ O ₈ . <i>Chemistry of Materials</i> , 2005, 17, 2924-2926.	3.2	76
147	Mixed Magnetic Phases in (Ga,Mn)As Epilayers. <i>Physical Review Letters</i> , 2005, 94, 147203.	2.9	40
148	Significant Change in In-Plane Magnetic Anisotropy of (Ga,Mn)As Epilayer Induced by Low-Temperature Annealing. <i>Japanese Journal of Applied Physics</i> , 2004, 43, L904-L906.	0.8	12
149	Contribution of Shape Anisotropy to the Magnetic Configuration of (Ga, Mn)As. <i>Japanese Journal of Applied Physics</i> , 2004, 43, L306-L308.	0.8	25
150	Anisotropic Magnetotransport due to Uniaxial Magnetic Anisotropy in (Ga,Mn)As Wires. <i>IEEE Transactions on Magnetics</i> , 2004, 40, 2682-2684.	1.2	3
151	Anisotropy field distribution of partially ordered FePt nanoparticles. <i>Journal of Applied Physics</i> , 2004, 95, 7261-7263.	1.1	17
152	Proton conductivity of zirconium tricarboxybutylphosphonate/PBI nanocomposite membrane. <i>Science and Technology of Advanced Materials</i> , 2004, 5, 455-459.	2.8	25
153	Ferromagnetism of gas-evaporated Pd fine particles in mesoscopic size. <i>Journal of Magnetism and Magnetic Materials</i> , 2004, 272-276, E1181-E1182.	1.0	5
154	Low temperature preparation and performance of Ni/YSZ anode with a multi-layered structure for SOFC. <i>Journal of Power Sources</i> , 2004, 135, 25-28.	4.0	16
155	Spin selective transport at the ferromagnet/semiconductor interface. <i>Current Applied Physics</i> , 2003, 3, 429-432.	1.1	9
156	Surface Ferromagnetism of Pd Fine Particles. <i>Physical Review Letters</i> , 2003, 91, 197201.	2.9	198
157	Magnetotransport study of temperature dependent magnetic anisotropy in a (Ga,Mn)As epilayer. <i>Journal of Applied Physics</i> , 2003, 94, 7657.	1.1	69
158	Cation order and magnetic properties of double perovskite Sr ₂ FeMoO ₆ . <i>Journal of Applied Physics</i> , 2003, 93, 2816-2819.	1.1	41
159	Asymmetric Transport due to Spin Injection into a Kondo Alloy. <i>Physical Review Letters</i> , 2003, 90, 016601.	2.9	12
160	Spin-selective transport through Fe/AlO _x /GaAs(100) interfaces under optical spin orientation. <i>Physical Review B</i> , 2003, 68, .	1.1	32
161	Control of magnetic anisotropy and magnetotransport in epitaxial micropatterned (Ga,Mn)As wire structures. <i>IEEE Transactions on Magnetics</i> , 2003, 39, 2785-2787.	1.2	9
162	Anomalous Hall resistivity due to grain boundary in manganite thin films. <i>Journal of Applied Physics</i> , 2003, 93, 8107-8109.	1.1	1

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163	Surface magnetism of Pd-Fe fine particles. IEEE Transactions on Magnetics, 2002, 38, 2634-2636.	1.2	1
164	Crossover of magnetotransport process toward spin-polarized tunneling in manganite thin films. Applied Physics Letters, 2002, 81, 4562-4564.	1.5	4
165	Change in resistance of CuFe wires induced by spin injection. IEEE Transactions on Magnetics, 2002, 38, 2872-2874.	1.2	0
166	Magneto-optical properties and morphology of particulate film consisting of Bi-YIG coprecipitated particles. Journal of Magnetism and Magnetic Materials, 2002, 241, 201-206.	1.0	28
167	Strain-induced anisotropic low-field magnetoresistance of La ^{0.8} Sr ^{0.2} MnO thin films. Journal of Applied Physics, 2001, 90, 6145-6150.	1.1	23
168	Magnetoresistance of manganite thin films induced by reaction with substrate. Journal of Applied Physics, 2001, 89, 6320-6323.	1.1	10
169	Magnetotransport and spin configurations in patterned ferromagnetic wires. Journal of Magnetism and Magnetic Materials, 2001, 226-230, 1850-1852.	1.0	5
170	X-ray magnetic circular dichroism of PdFe fine particles at Pd L _{2,3} edges. Journal of Magnetism and Magnetic Materials, 2001, 226-230, 1939-1941.	1.0	0
171	Selective dry etching of manganite thin films for high sensitive magnetoresistive sensors. Journal of Magnetism and Magnetic Materials, 2001, 235, 223-226.	1.0	12
172	Improvement in magneto-optical properties of Bi-YIG particulate films by reduction in particle size. IEEE Transactions on Magnetics, 2001, 37, 2432-2434.	1.2	2
173	Magnetotransport and Mössbauer study of Fe ₃ O ₄ / ⁵⁷ Fe ₂ O ₃ granular thin films. Journal of Applied Physics, 2001, 89, 7693-7695.	1.1	18
174	Iron mixed-valence compounds, BaSm(Cu _{0.5+x} Fe _{0.5-x}) ₂ O ₅ . Physica C: Superconductivity and Its Applications, 2000, 338, 126-131.	0.6	1
175	Magnetic properties, oxygen content and metal valences in BaRE(Cu _{0.5} Fe _{0.5}) ₂ O ₅ with RE=Lu, Yb, Y, Eu, Sm, Nd and Pr. Physica C: Superconductivity and Its Applications, 2000, 338, 132-136.	0.6	3
176	Control of domain structures and magnetotransport properties in patterned ferromagnetic wires. Applied Physics Letters, 2000, 76, 613-615.	1.5	30
177	Magnetic and magneto-transport properties of ⁵⁷ Fe ₂ O ₃ -grain-embedded Fe ₃ O ₄ thin films. Journal of Applied Physics, 2000, 87, 5585-5587.	1.1	7
178	Magnetoresistance of zigzag-shaped cobalt wires. Journal of Magnetism and Magnetic Materials, 1999, 196-197, 77-79.	1.0	8
179	Size dependent magnetization of PdFe fine particles. Journal of Magnetism and Magnetic Materials, 1999, 196-197, 94-95.	1.0	8
180	Resistivity due to Domain Walls in Co Zigzag Wires. Physical Review Letters, 1999, 82, 2780-2783.	2.9	129

#	ARTICLE	IF	CITATIONS
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