Tomoyasu Taniyama

List of Publications by Year
in descending order

198	5,565	69737	96001
papers	citations	41 h-index	68 g-index

198	198	198	5849
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Superconducting properties of bismuthate/manganite epitaxial multilayers. Superconductor Science and Technology, 2024, 37, 035018.	3.5	0
2	Y3Fe5O12 film with multi-domain epitaxy on single-crystalline LiNbO3 substrate. APL Materials, 2024, 12, .	4.8	0
3	Electric field enhancement of the superconducting spin-valve effect via strain-transfer across a ferromagnetic/ferroelectric interface. APL Materials, 2024, 12, .	4.8	0
4	Electric and magnetic tuning of Gilbert damping constant in LSMO/PMN-PT(011) heterostructure. Journal of Physics Condensed Matter, 2023, 35, 285801.	1.9	2
5	Interlayer coupling-dependent magnetoelastic response in synthetic antiferromagnets. Applied Physics Letters, 2023, 122, .	3.2	0
6	Enhanced magnetic modulation at a border of magnetic ordering in La1â^'xSrxMnO3/BaTiO3(100) heterostructure. Applied Physics Letters, 2023, 122, .	3.2	1
7	Antiferromagnetic ordering and signatures of enhanced spin-frustration in honeycomb-layered tellurates with Ag bilayers. Journal of Materials Chemistry C, 2023, 11, 11213-11217.	5.6	2
8	Zero-field routing of spin waves in a multiferroic heterostructure. Applied Physics Letters, 2022, 120, .	3.2	3
9	Emergence of Quasi Two-Dimensional Electronic States at the Interface of LSMO/STO via Lattice Mismatch-Induced Strains. ACS Applied Electronic Materials, 2022, 4, 4748-4754.	4.4	2
10	Shear-strain-mediated large nonvolatile tuning of ferromagnetic resonance by an electric field in multiferroic heterostructures. NPG Asia Materials, 2021, 13, .	8.3	18
11	Temperature dependence of the effective Gilbert damping constant of FeRh thin films. AIP Advances, 2021, 11, .	1.3	5
12	Electricâ€Field Control of Propagating Spin Waves by Ferroelectric Domainâ€Wall Motion in a Multiferroic Heterostructure. Advanced Materials, 2021, 33, e2100646.	24.3	27
13	Voltage-driven strain-induced coexistence of both volatile and non-volatile interfacial magnetoelectric behaviors in LSMO/PMN-PT (0â€‰0â€‰1). Journal Physics D: Applied Physics, 2020, 53, 054003.	2.9	12
14	In-plane ferroelectricity and enhanced Curie temperature in perovskite BaTiO3 epitaxial thin films. Applied Physics Letters, 2020, 117, .	3.2	7
15	Cation-Deficiency-Induced Crystal-Site Engineering for ZnGa₂O₄:Mn²⁺ Thin Film. Inorganic Chemistry, 2020, 59, 8744-8748.	4.2	22
16	Bandgap tuning and optimization of green-emitting Zn2SnO4-Mg2SnO4:Mn2+ using combinatorial pulsed laser deposition. Ceramics International, 2020, 46, 21771-21774.	4.9	4
17	Switchable third ScFeO₃ polar ferromagnet with YMnO₃-type structure. Journal of Materials Chemistry C, 2020, 8, 4447-4452.	5.6	14
18	The effect of relative permittivity of surface supporting materials for high-speed rechargeable LiCoO2 cathode film. Journal of Power Sources, 2019, 441, 227194.	8.0	11

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19	The effects of BaTiO3 nanodots density support on epitaxial LiCoO2 thin-film for high-speed rechargeability. Electrochemistry Communications, 2019, 109, 106604.	4.8	5
20	Magnetic properties of Single Crystal GaFeO3. MRS Advances, 2019, 4, 61-66.	1.0	5
21	Strain-induced reversible manipulation of orbital magnetic moments in Ni/Cu multilayers on ferroelectric BaTiO3. Npj Quantum Materials, 2019, 4, .	5.2	23
22	Enhancement of Ultrahigh Rate Chargeability by Interfacial Nanodot BaTiO₃ Treatment on LiCoO₂ Cathode Thin Film Batteries. Nano Letters, 2019, 19, 1688-1694.	9.5	52
23	Compositional dependence of Gilbert damping constant of epitaxial Fe100â€“xRhx thin films. Applied Physics Letters, 2019, 115, 142403.	3.2	5
24	The single-crystal multinary compound Cu₂ZnSnS₄ as an environmentally friendly high-performance thermoelectric material. Applied Physics Express, 2018, 11, 051203.	2.4	25
25	Change in magnetization of ferromagnetic Pd(001) ultrathin films induced by the strain effect of BaTiO3. Applied Physics Letters, 2018, 112, 142409.	3.2	6
26	Strain Mediated inâ€Plane Uniaxial Magnetic Anisotropy in Amorphous CoFeB Films Based on Structural Phase Transitions of BaTiO₃ Singleâ€Crystal Substrates. Physica Status Solidi (A) Applications and Materials Science, 2018, 215, 1700762.	1.9	5
27	Spin torque in FeRh alloy measured by spin-torque ferromagnetic resonance. Applied Physics Express, 2018, 11, 013008.	2.4	6
28	High-Rate Performance of LiCoO2 Epitaxial Thin Films with Various Surface Conditions. MRS Advances, 2018, 3, 1243-1247.	1.0	3
29	Strain-mediated magnetic response in La0.67Sr0.33MnO3/SrTiO3/La0.67Sr0.33MnO3/BaTiO3 structure. AIP Advances, 2018, 8, .	1.3	7
30	Effects of chalcogen composition on the thermoelectric properties in Cu₂ZnSn(S_{1â˜’} _x Se _x)₄ single crystals. Japanese Journal of Applied Physics, 2018, 57, 101201.	1.6	7
31	Surface morphology and dielectric behavior of perovskite SrTiO 3 thin film in heterostructure electroluminescence devices. Current Applied Physics, 2017, 17, 657-660.	2.5	4
32	Electric-field-driven domain wall dynamics in perpendicularly magnetized multilayers. AIP Advances, 2017, 7, 035119.	1.3	10
33	Magnetization Reversal in Fe/BaTiO₃(110) Heterostructured Multiferroics. Physica Status Solidi - Rapid Research Letters, 2017, 11, 1700294.	2.5	12
34	Crystal structure and magnetism in Îº-Al2O3-type AlxFe2-xO3 films on SrTiO3(111). Journal of Applied Physics, 2017, 122, 015301.	2.3	14
35	Thermally driven magnetization switching of perpendicularly magnetized multilayers. , 2017, , .		0
36	Exchange coupling in metallic multilayers with a top FeRh layer. AIP Advances, 2016, 6, .	1.3	4

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37	Evidence of ferroelectricity in ferrimagnetic Î²-Al2O3-type In0.25Fe1.75O3 films. Applied Physics Letters, 2016, 109, .	3.2	15
38	Transmission of spin waves in ordered FeRh epitaxial thin films. Applied Physics Letters, 2016, 108, .	3.2	4
39	Crystal Isomers of ScFeO₃. Crystal Growth and Design, 2016, 16, 5214-5222.	3.2	25
40	Direct evidence for suppression of the Kondo effect due to pure spin current. Physical Review B, 2016, 94, .	3.3	17
41	Latest impact factor. NPG Asia Materials, 2016, 8, e290-e290.	8.3	0
42	Electric-field switching of perpendicularly magnetized multilayers. NPG Asia Materials, 2015, 7, e198-e198.	8.3	69
43	Interfacial spin-glass-like state in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Mn</mml:mi><mml:mn>5</mml:mn></mml:msub></mml:mrow></mml:math> crystalline films grown on germanium substrates. Physical Review B, 2015, 91, .	3.5	10
44	Low-temperature<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>B</mml:mi><mml:mn>2</mml:mn></mml:mrow></mml:math> and magnetic properties of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Fe</mml:mi><mml:mrow><mml:mn>100</mml:mn></mml:math> on bcc alloys. Physical Review B, 2015, 92, .	3.3	8
45	Reversible Electric-Field-Driven Magnetic Domain-Wall Motion. Physical Review X, 2015, 5, .	9.1	61
46	Sequential write-read operations in FeRh antiferromagnetic memory. Applied Physics Letters, 2015, 107, .	3.2	84
47	Strain-controlled MO Effect on Highly Bi-substituted Neodymium Iron Gallium Garnet Thin Films. Physics Procedia, 2015, 75, 1370-1375.	1.2	1
48	Growth and characterization of Cu2ZnSn(S Se1â˜')4 single crystal grown by traveling heater method. Journal of Crystal Growth, 2015, 423, 9-15.	1.6	11
49	Current induced antiferroâ€“ferromagnetic transition in FeRh nanowires. Japanese Journal of Applied Physics, 2015, 54, 073002.	1.6	17
50	Lateral electric-field control of giant magnetoresistance in Co/Cu/Fe/BaTiO3 multiferroic heterostructure. Applied Physics Letters, 2015, 107, .	3.2	6
51	Barkhausen-like antiferromagnetic to ferromagnetic phase transition driven by spin polarized current. Applied Physics Letters, 2015, 107, .	3.2	13
52	Electric-field control of magnetism via strain transfer across ferromagnetic/ferroelectric interfaces. Journal of Physics Condensed Matter, 2015, 27, 504001.	1.9	98
53	Controllable exchange bias in Fe/metamagnetic FeRh bilayers. Applied Physics Letters, 2014, 105, .	3.2	27
54	Elastically controlled magnetic phase transition in Ga-FeRh/BaTiO₃(001) heterostructure. Applied Physics Letters, 2014, 104, 022401.	3.2	53

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55	Perpendicularly magnetized spin filtering Cu/Ni multilayers. Applied Physics Letters, 2014, 104, 032404.	3.2	6
56	Thermo-physical properties of Cu2ZnSnS4 single crystal. Journal of Crystal Growth, 2014, 393, 167-170.	1.6	21
57	Growth and characterization of Cu2ZnSn(S Se1â^')4 alloys grown by the melting method. Journal of Crystal Growth, 2014, 386, 204-207.	1.6	20
58	Effects of sodium on electrical properties in Cu2ZnSnS4 single crystal. Applied Physics Letters, 2014, 104, .	3.2	114
59	Epitaxial growth of metastable multiferroic AlFeO₃ film on SrTiO₃ (111) substrate. Applied Physics Letters, 2014, 104, 082906.	3.2	44
60	Growth and characterization of Cu₂ ZnSnS₄ single crystals. Physica Status Solidi (A) Applications and Materials Science, 2013, 210, 1328-1331.	1.9	26
61	Structural Modification and Domain Structure in a BaTiO₃Film on (110) SrTiO₃. Applied Physics Express, 2013, 6, 015803.	2.4	11
62	Correlation between intrinsic defects and electrical properties in the high-quality Cu2ZnSnS4 single crystal. Applied Physics Letters, 2013, 103, .	3.2	69
63	Electric-voltage control of magnetism in Fe/BaTiO3 heterostructured multiferroics. Journal of Applied Physics, 2013, 113, 17C701.	2.3	18
64	Electric field driven variation in magnetoresistance of Co/Cu/Fe/BaTiO3 heterostructure. Journal of Applied Physics, 2013, 113, 17C713.	2.3	8
65	Collapse of Magnetic Order of the Quasi One-Dimensional Ising-Like Antiferromagnet BaCo₂V₂O₈in Transverse Fields. Journal of the Physical Society of Japan, 2013, 82, 033706.	1.6	34
66	Comparative study of phase transitions in BaTiO₃ thin films grown on (001)- and (110)-oriented SrTiO₃ substrate. Journal of Physics Condensed Matter, 2013, 25, 132001.	1.9	25
67	NPG Asia Materials celebrates a year of publishing original research. NPG Asia Materials, 2013, 5, e34-e34.	8.3	0
68	Temperature Dependence of Linear Thermal Expansion of CuGaSe₂ Crystals. Materials Science Forum, 2012, 725, 171-174.	0.2	2
69	Preparation of Cu2ZnSnS4 single crystals from Sn solutions. Journal of Crystal Growth, 2012, 341, 38-41.	1.6	70
70	Growth of Cu2ZnSnSe4 single crystals from Sn solutions. Journal of Crystal Growth, 2012, 354, 147-151.	1.6	41
71	Alternating domains with uniaxial and biaxial magnetic anisotropy in epitaxial Fe films on BaTiO3. Applied Physics Letters, 2012, 101, .	3.2	48
72	Growth of KH₂PO₄Single Crystal with an Artificial Isotope Gradient. Ferroelectrics, 2012, 440, 25-30.	0.6	1

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73	Strain-induced reversible and irreversible magnetization switching in Fe/BaTiO3 heterostructures. Journal of Applied Physics, 2012, 111, .	2.3	46
74	Origin of the dielectric response in Ba0.767Ca0.233TiO3. Applied Physics Letters, 2012, 100, .	3.2	14
75	Switching of the symmetry of magnetic anisotropy in Fe/BaTiO3 heterostructures. Applied Physics Letters, 2011, 99, .	3.2	53
76	Electrical and optical spin injection in ferromagnet/semiconductor heterostructures. NPG Asia Materials, 2011, 3, 65-73.	8.3	61
77	Growth of Cu₂ZnSnS₄ Single Crystal by Traveling Heater Method. Japanese Journal of Applied Physics, 2011, 50, 128001.	1.6	17
78	Optically oriented electron spin transmission across ferromagnet/semiconductor interfaces. Proceedings of SPIE, 2011, , .	1.0	0
79	Manipulation of magnetic coercivity of Fe film in Fe/BaTiO₃ heterostructure by electric field. Applied Physics Letters, 2011, 99, 102506.	3.2	84
80	Clear correspondence between magnetoresistance and magnetization of epitaxially grown ordered FeRh thin films. Journal of Applied Physics, 2011, 109, .	2.3	39
81	Inversion of spin dependent photocurrent at Fe3O4/modulation doped GaAs heterointerfaces. Journal of Applied Physics, 2011, 109, 07E105.	2.3	2
82	Effect of spin polarized current on magnetic phase transition of ordered FeRh wires. Journal of Applied Physics, 2011, 109, .	2.3	26
83	Two-Qubit Gate of Combined Single-Spin Rotation and Interdot Spin Exchange in a Double Quantum Dot. Physical Review Letters, 2011, 107, 146801.	8.0	195
84	Ferroelectricity and electromechanical coupling in (1 â^' x)AgNbO3-xNaNbO3 solid solutions. Applied Physics Letters, 2011, 99, .	3.2	42
85	Peculiarities of Linear Thermal Expansion of CuInS2Single Crystals. Japanese Journal of Applied Physics, 2011, 50, 05FB04.	1.6	8
86	Ferroelectricity of Li-doped silver niobate (Ag, Li)NbO₃. Journal of Physics Condensed Matter, 2011, 23, 075901.	1.9	25
87	Novel Phase Transition Probed by Sound Velocity in Quasi-One-Dimensional Ising-Like Antiferromagnet BaCo2V2O8. Journal of the Physical Society of Japan, 2011, 80, 033701.	1.6	15
88	Field Induced Lattice Deformation in a Quasi-One-Dimensional Antiferromagnet BaCo2V2O8. Journal of the Physical Society of Japan, 2010, 79, 043706.	1.6	5
89	Selective Addressing of Single Electron Spins in a Semiconductor Double Quantum Dot Integrated with a Micro-Magnet. AIP Conference Proceedings, 2010, , .	1.0	0
90	Coherent manipulation of individual electron spin in a double quantum dot integrated with a micromagnet. Physical Review B, 2010, 81, .	3.3	52

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91	Triple quantum dot device designed for three spin qubits. Applied Physics Letters, 2010, 97, .	3.2	48
92	Spin polarized electron transmission into GaAs quantum well across Fe3O4: Optical spin orientation analysis. Applied Physics Letters, 2010, 97, 172509.	3.2	4
93	Inversion of Spin Photocurrent due to Resonant Transmission. Physical Review Letters, 2010, 105, 156601.	8.0	10
94	Efficient spin injection into GaAs quantum well across Fe3O4 spin filter. Applied Physics Letters, 2010, 96, .	3.2	49
95	Phonon Dynamics in BiFeO₃Studied by Raman Scattering. Ferroelectrics, 2010, 403, 187-190.	0.6	8
96	Stability of ferromagnetic state of epitaxially grown ordered FeRh thin films. Journal of Applied Physics, 2009, 105, .	2.3	69
97	Artificially controlled magnetic domain structures in ferromagnetic dotsâˆ•ferroelectric heterostructures. Journal of Applied Physics, 2009, 105, 07D901.	2.3	25
98	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
99	Synthesis and Magnetic Properties of Ba₂Mn₂Si₂O₉: the First Example of S=2 Spinâ€Dimer with Spinâ€Singlet Ground State. Chemistry - an Asian Journal, 2009, 4, 1530-1535.	3.5	4
100	Spin-Related Current Suppression in a Semiconductor Quantum Dot Spin-Diode Structure. Physical Review Letters, 2009, 102, 236806.	8.0	39
101	Ferromagnetism and Electronic Structures of Nonstoichiometric Heusler-Alloy<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>Fe</mml:mi><mml:mrow><mml:mn>3</mml:mn><mml:mo>â”</mml:mo><mml:mi>x</mml:mi></mml:mrow></mml:msub></mml:math> Grown on Ge(111). Physical Review Letters, 2009, 102, 137204.	8.0	95
102	Low temperature magnetism of theS= 1/2 quasi one-dimensional Ising-like anitiferromagnet BaCo2V2O8. Journal of Physics: Conference Series, 2009, 150, 042090.	0.4	2
103	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.	0.4	3
104	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.	3.6	12
105	Electrically driven single-electron spin resonance in a slanting Zeeman field. Nature Physics, 2008, 4, 776-779.	11.8	498
106	Origin of Giant Dielectric Response in Nonferroelectric CaCu₃Ti₄O₁₂: Inhomogeneous Conduction Nature Probed by Atomic Force Microscopy. Chemistry of Materials, 2008, 20, 1694-1698.	7.1	78
107	Carrier induced magnetic anomalies in Mn-doped AgGaSe2 magnetic semiconductor. Journal of Applied Physics, 2008, 103, 07D103.	2.3	1
108	Reply to Comment on â€œOrigin of Giant Dielectric Response in Nonferroelectric CaCu3Ti4O12: Inhomogeneous Conduction Nature Probed by Atomic Force Microscopyâ€• Chemistry of Materials, 2008, 20, 6286-6287.	7.1	4

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109	Novel Ordering of an<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>S</mml:mi><mml:mo>=</mml:mo><mml:mn>1</mml:mn><mml:mo>/</mml:mo><mml:mn>2</mml:mn></ Ising-Like Antiferromagnet in Magnetic Field. Physical Review Letters, 2008, 100, 057202.	8.0	76
110	Size dependence of martensite transformation temperature in ferromagnetic shape memory alloy FePd. Journal of Applied Physics, 2008, 103, 063910.	2.3	52
111	Selective Manipulation of Electron Spins with Electric Fields. Progress of Theoretical Physics Supplement, 2008, 176, 322-340.	0.1	8
112	Crossover of electron transmission mechanism and spin filtering effect at Feâ•GaAs(001) interfaces. Journal of Applied Physics, 2008, 103, 07A702.	2.3	13
113	Piezoelectric properties of lithium modified silver niobate perovskite single crystals. Applied Physics Letters, 2008, 92, .	3.2	44
114	Tunneling magnetoresistance effect in a few-electron quantum-dot spin valve. Applied Physics Letters, 2008, 93, 222107.	3.2	11
115	High temperature ferromagnetism in single crystalline dilute Fe-doped<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi mathvariant="normal">Ba</mml:mi><mml:mi mathvariant="normal">Ti</mml:mi><mml:msub><mml:mi mathvariant="normal">O</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:mrow></mml:math>. Physical Review B, 2008, 77, .	3.3	104
116	Oscillatory changes in the tunneling magnetoresistance effect in semiconductor quantum-dot spin valves. Physical Review B, 2008, 77, .	3.3	59
117	Longitudinal Spin Density Wave Order in a Quasi-1D Ising-like Quantum Antiferromagnet. Physical Review Letters, 2008, 101, 207201.	8.0	52
118	Optically spin oriented electron transmission across fully epitaxial Fe3O4â•GaAs(001) interfaces. Journal of Applied Physics, 2008, 103, 07D705.	2.3	8
119	Ferromagnetism at the surface of aLaCoO3single crystal observed using scanning SQUID microscopy. Physical Review B, 2007, 75, .	3.3	41
120	Electrical voltage manipulation of ferromagnetic microdomain structures in a ferromagnetic/ferroelectric hybrid structure. Journal of Applied Physics, 2007, 101, 09F512.	2.3	22
121	Field-Induced Order Disorder Transition in Antiferromagnetic <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>BaCo</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">V</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">O</mml:mi><mml:mn>8</mml:mn></mml:msub></mml:math>Driven by a Softening of Spinon Excitation. Physical Review Letters, 2007, 99, 087602	8.0	83
122	Kondo effect in a semiconductor quantum dot coupled to ferromagnetic electrodes. Applied Physics Letters, 2007, 91, .	3.2	70
123	Conductive Boundary Layer in CaCu3Ti4O12with Giant-Dielectric-Response. Ferroelectrics, 2007, 347, 140-144.	0.6	7
124	Spin transport through a single self-assembled InAs quantum dot with ferromagnetic leads. Applied Physics Letters, 2007, 90, 053108.	3.2	83
125	AgNbO3: A lead-free material with large polarization and electromechanical response. Applied Physics Letters, 2007, 90, 252907.	3.2	240
126	Electric-field control of tunneling magnetoresistance effect in a Niâ•InAsâ•Ni quantum-dot spin valve. Applied Physics Letters, 2007, 91, .	3.2	75

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127	Flux Growth and Magnetic Anomalies of Co3V2O8Crystals. Crystal Growth and Design, 2007, 7, 1055-1057.	3.2	15
128	Two magnetic phase transitions in quasi-one-dimensional system SrCo2V2O8. Solid State Communications, 2007, 141, 667-670.	1.9	8
129	Spin-glass behavior in zero magnetic field using tunnel resistance. Journal of Magnetism and Magnetic Materials, 2007, 310, 1503-1505.	2.3	0
130	Size and field effect on mesoscopic spin glass. Journal of Magnetism and Magnetic Materials, 2007, 310, 1500-1502.	2.3	2
131	Surface ferromagnetism of LaCoO3 crystals. Journal of Magnetism and Magnetic Materials, 2007, 310, 2172-2173.	2.3	0
132	Dynamic relaxation of magnetic clusters in a ferromagnetic(Ga,Mn)Asepilayer. Physical Review B, 2006, 73, .	3.3	12
133	Large magnetic anisotropy in the quasi-one-dimensional system BaCo2V2O8. Applied Physics Letters, 2006, 88, 132504.	3.2	33
134	Optically pumped spin-polarized carrier transport across Fewireâˆ•GaAs interfaces. Journal of Applied Physics, 2006, 99, 08T307.	2.3	1
135	High field magnetism of the quasi one-dimensional anisotropic antiferromagnet BaCo2V2O8. Journal of Physics: Conference Series, 2006, 51, 99-102.	0.4	20
136	Magnetic behavior and structural feature of quasi-one-dimensional BaCu2V2O8 crystal. Journal of Magnetism and Magnetic Materials, 2006, 306, 277-280.	2.3	5
137	Long-range antiferromagnetic ordering in Cu2NiB2O6. Journal of Solid State Chemistry, 2006, 179, 3937-3941.	3.0	7
138	Growth behavior and surface feature of quasi-one-dimensional anisotropic antiferromagnet BaCo2V2O8 crystal. Journal of Crystal Growth, 2006, 289, 734-736.	1.6	8
139	Crystal growth and magnetic properties of SrCo2V2O8. Journal of Crystal Growth, 2006, 293, 458-461.	1.6	12
140	Analysis of atomic arrangement in magnetic Feâ€“Pt nanoparticles. Journal of Magnetism and Magnetic Materials, 2006, 300, 284-292.	2.3	17
141	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.	2.3	6
142	Electronic properties of the metallic pyrochlore ruthenatesPb2Ru2O6.5andBi2Ru2O7. Physical Review B, 2006, 73, .	3.3	45
143	Out-of-plane magnetization reversal processes of (Ga,Mn)As with two different hole concentrations. Journal of Applied Physics, 2006, 99, 093903.	2.3	1
144	Magnetic anisotropy switching in(Ga,Mn)Aswith increasing hole concentration. Physical Review B, 2006, 74, .	3.3	33

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145	Antiferromagnetic-paramagnetic transitions in longitudinal and transverse magnetic fields in aSrCo2V2O8crystal. Physical Review B, 2006, 73, .	3.3	38
146	Optical Studies of Electron Spin Transmission. , 2005, , 59-100.		4
147	Magnetotransport measurement of (Ga,Mn)As epilayers with low-temperature annealing. Electrochimica Acta, 2005, 51, 1004-1007.	5.4	0
148	Spin selective transport at the ferromagnetic wire/GaAs interface. Journal of Magnetism and Magnetic Materials, 2005, 286, 103-107.	2.3	1
149	Ion Irradiation Control of Ferromagnetism in (Ga,Mn)As. Japanese Journal of Applied Physics, 2005, 44, L816-L818.	1.6	6
150	Effect of Ga+ irradiation on magnetic and magnetotransport properties in (Ga,Mn)As epilayers. Journal of Applied Physics, 2005, 97, 10D302.	2.3	7
151	Correlation between ferromagnetism and hole localization in very thin (Ga,Mn)As epilayers. Journal of Applied Physics, 2005, 97, 10D301.	2.3	2
152	XMCD Study of Dilutely Fe Doped Pd Fine Particles. Journal of the Physical Society of Japan, 2005, 74, 1044-1048.	1.6	2
153	Field-induced order-disorder transition in the quasi-one-dimensional anisotropic antiferromagnetBaCo2V2O8. Physical Review B, 2005, 72, .	3.3	82
154	Crystal Growth and Magnetic Properties of BaCo2V2O8. Chemistry of Materials, 2005, 17, 2924-2926.	7.1	77
155	Mixed Magnetic Phases in(Ga,Mn)AsEpilayers. Physical Review Letters, 2005, 94, 147203.	8.0	41
156	Significant Change in In-Plane Magnetic Anisotropy of (Ga,Mn)As Epilayer Induced by Low-Temperature Annealing. Japanese Journal of Applied Physics, 2004, 43, L904-L906.	1.6	12
157	Contribution of Shape Anisotropy to the Magnetic Configuration of (Ga, Mn)As. Japanese Journal of Applied Physics, 2004, 43, L306-L308.	1.6	25
158	Anisotropic Magnetotransport due to Uniaxial Magnetic Anisotropy in (Ga,Mn)As Wires. IEEE Transactions on Magnetics, 2004, 40, 2682-2684.	2.2	3
159	Anisotropy field distribution of partially ordered FePt nanoparticles. Journal of Applied Physics, 2004, 95, 7261-7263.	2.3	17
160	Proton conductivity of zirconium tricarboxybutylphosphonate/PBI nanocomposite membrane. Science and Technology of Advanced Materials, 2004, 5, 455-459.	6.1	25
161	Ferromagnetism of gas-evaporated Pd fine particles in mesoscopic size. Journal of Magnetism and Magnetic Materials, 2004, 272-276, E1181-E1182.	2.3	5
162	Low temperature preparation and performance of Ni/YSZ anode with a multi-layered structure for SOFC. Journal of Power Sources, 2004, 135, 25-28.	8.0	16

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163	Spin selective transport at the ferromagnet/semiconductor interface. Current Applied Physics, 2003, 3, 429-432.	2.5	9
164	Surface Ferromagnetism of Pd Fine Particles. Physical Review Letters, 2003, 91, 197201.	8.0	198
165	Magnetotransport study of temperature dependent magnetic anisotropy in a (Ga,Mn)As epilayer. Journal of Applied Physics, 2003, 94, 7657.	2.3	69
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