Masaki Mizuguchi

List of Publications by Year
in descending order

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147	5,013	186265	91884
papers	citations	28 h-index	69 g-index

152	152	152	4795
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Transmission of electrical signals by spin-wave interconversion in a magnetic insulator. Nature, 2010, 464, 262-266.	27.8	1,364
2	Large voltage-induced magnetic anisotropy change in a few atomic layers of iron. Nature Nanotechnology, 2009, 4, 158-161.	31.5	1,140
3	Anomalous Nernst Effect in L1₀-FePt/MnGa Thermopiles for New Thermoelectric Applications. Applied Physics Express, 2013, 6, 033003.	2.4	131
4	Fabrication, magnetic properties, and electronic structures of nanoscale zinc-blende MnAs dots (invited). Journal of Applied Physics, 2002, 91, 8088.	2.5	130
5	Energy-harvesting materials based on the anomalous Nernst effect. Science and Technology of Advanced Materials, 2019, 20, 262-275.	6.1	122
6	Epitaxial growth of zinc-blende CrAs/GaAs multilayer. Journal of Applied Physics, 2002, 91, 7917.	2.5	96
7	Anomalous Nernst Effect in an L1$_{0}$-Ordered Epitaxial FePt Thin Film. Applied Physics Express, 2012, 5, 093002.	2.4	93
8	Material dependence of anomalous Nernst effect in perpendicularly magnetized ordered-alloy thin films. Applied Physics Letters, 2015, 106, .	3.3	86
9	Synthesis of single-phase L10-FeNi magnet powder by nitrogen insertion and topotactic extraction. Scientific Reports, 2017, 7, 13216.	3.3	86
10	Feâ€“Ni composition dependence of magnetic anisotropy in artificially fabricated L1₀-ordered FeNi films. Journal of Physics Condensed Matter, 2014, 26, 064207.	1.8	82
11	Formation of FeNi withL1₀-ordered structure using high-pressure torsion. Philosophical Magazine Letters, 2014, 94, 639-646.	1.2	79
12	Magnetic-field-controllable avalanche breakdown and giant magnetoresistive effects in Goldâ•semi-insulating-GaAs Schottky diode. Applied Physics Letters, 2004, 85, 5643-5645.	3.3	68
13	Room-temperature thousandfold magnetoresistance change in MnSb granular films: Magnetoresistive switch effect. Applied Physics Letters, 2000, 76, 357-359.	3.3	66
14	Artificial Fabrication and Order Parameter Estimation of L10-ordered FeNi Thin Film Grown on a AuNi Buffer Layer. Journal of the Magnetics Society of Japan, 2011, 35, 370-373.	0.9	60
15	X-ray absorption spectroscopy of transition-metal doped diluted magnetic semiconductors Zn1â’xMxO. Journal of Applied Physics, 2004, 95, 3573-3575.	2.5	51
16	Tunnel magnetoresistance ofC60â’Conanocomposites and spin-dependent transport in organic semiconductors. Physical Review B, 2007, 76, .	3.2	49
17	Origin of strong magnetic anisotropy in L10-FeNi probed by angular-dependent magnetic circular dichroism. Journal of Magnetism and Magnetic Materials, 2013, 326, 235-239.	2.3	44
18	Structural, magnetic and electronic state characterization of L1₀-type ordered FeNi alloy extracted from a natural meteorite. Journal of Physics Condensed Matter, 2014, 26, 064206.	1.8	42

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19	High-power rf oscillation induced in half-metallic Co2MnSi layer by spin-transfer torque. Applied Physics Letters, 2011, 99, .	3.3	37
20	Magnetic Anisotropy and Chemical Order of Artificially Synthesized L1₀-Ordered FeNi Films on Auâ€“Cuâ€“Ni Buffer Layers. Japanese Journal of Applied Physics, 2012, 51, 010204.	1.5	37
21	Tunneling spectra of sputter-deposited CoFeB/MgO/CoFeB magnetic tunnel junctions showing giant tunneling magnetoresistance effect. Solid State Communications, 2005, 136, 611-615.	1.9	36
22	Characterization of Cu buffer layers for growth of L1-FeNi thin films. Journal of Applied Physics, 2010, 107, .	2.5	35
23	Fabrication and characterization ofL1₀-ordered FeNi thin films. Journal Physics D: Applied Physics, 2017, 50, 483002.	2.8	34
24	Spin-Dependent Transport in C60-Co Nano-Composites. Japanese Journal of Applied Physics, 2006, 45, L717-L719.	1.5	33
25	Dependence of anomalous Nernst effect on crystal orientation in highly ordered Î³â€²-Fe₄N films with anti-perovskite structure. Applied Physics Express, 2017, 10, 073005.	2.4	33
26	Crystallographic and magneto-optical studies of nanoscaled MnSb dots grown on GaAs. Applied Physics Letters, 2000, 76, 1743-1745.	3.3	32
27	Epitaxial growth of new half-metallic ferromagnet â€œzinc-blende CrAsâ€•and the substrate temperature dependence. Journal of Magnetism and Magnetic Materials, 2002, 239, 269-271.	2.3	32
28	Growth of ferromagnetic semiconductor: (Ga,â€ŠCr)As. Journal of Applied Physics, 2002, 91, 7908.	2.5	29
29	Room-temperature photoinduced magnetoresistance effect in GaAs including MnSb nanomagnets. Applied Physics Letters, 2000, 76, 2600-2602.	3.3	28
30	Magnetization damping of an L1-FeNi thin film with perpendicular magnetic anisotropy. Applied Physics Letters, 2013, 103, .	3.3	28
31	L1₀-ordered FeNi film grown on Cu-Ni binary buffer layer. Journal of Physics: Conference Series, 2011, 266, 012119.	0.4	27
32	Addition of Co to L1₀-ordered FeNi films: influences on magnetic properties and ordered structures. Journal Physics D: Applied Physics, 2014, 47, 425001.	2.8	27
33	Spin-dependent transport in nanocomposites of Alq3 molecules and cobalt nanoparticles. Applied Physics Letters, 2007, 91, 063123.	3.3	26
34	Density-dependent electronic structure of zinc-blende-type MnAs dots on GaAs(001) studied byin situphotoemission spectroscopy. Physical Review B, 2004, 70, .	3.2	24
35	Large magnetoresistance in rubrene-Co nano-composites. Chemical Physics Letters, 2007, 448, 106-110.	2.6	24
36	Dependence on annealing temperatures of tunneling spectra in high-resistance CoFeB/MgO/CoFeB magnetic tunnel junctions. Solid State Communications, 2007, 143, 574-578.	1.9	23

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37	Magnetic domain observation of FeCo thin films fabricated by alternate monoatomic layer deposition. Journal of Applied Physics, 2014, 115, 043908.	2.5	21
38	Structural and magnetic properties of FeNi thin films fabricated on amorphous substrates. Journal of Applied Physics, 2015, 117, .	2.5	20
39	Electronic structure and magnetic anisotropy of L1-FePt thin film studied by hard x-ray photoemission spectroscopy and first-principles calculations. Applied Physics Letters, 2016, 109, .	3.3	19
40	Zinc-blende CrAs/GaAs multilayers grown by molecular-beam epitaxy. Journal of Physics Condensed Matter, 2004, 16, S5549-S5553.	1.8	18
41	Enchanced magnetooptical response of magnetic nanoclusters embedded in semiconductor. Journal of Magnetism and Magnetic Materials, 2002, 242-245, 470-472.	2.3	17
42	Fabrication of highly L1-ordered FePt thin films by low-temperature rapid thermal annealing. APL Materials, 2013, 1, .	5.1	17
43	Focus on advanced materials for energy harvesting: prospects and approaches of energy harvesting technologies. Science and Technology of Advanced Materials, 2018, 19, 543-544.	6.1	16
44	Fabrication of L1-FeNi by pulsed-laser deposition. Applied Physics Letters, 2019, 114, .	3.3	16
45	Magnetic properties and domain structures of FeSiB thin films. Surface Science, 2004, 556, 33-38.	1.9	15
46	Fabrication of L10-FeNi phase by sputtering with rapid thermal annealing. Journal of Alloys and Compounds, 2018, 750, 164-170.	5.5	15
47	Growth of L10â€“FeNi thin films on Cu(001) single crystal substrates using oxygen and gold surfactants. Thin Solid Films, 2016, 603, 348-352.	1.8	14
48	Formation and structural investigation of MnSb dots on S-passivated GaAs(001) substrates. Journal of Crystal Growth, 2000, 209, 552-555.	1.5	13
49	Epitaxial L1-FeNi films with high degree of order and large uniaxial magnetic anisotropy fabricated by denitriding FeNiN films. Applied Physics Letters, 2020, 116, .	3.3	13
50	Magnetic Anisotropy and Chemical Order of Artificially Synthesized L1₀-Ordered FeNi Films on Auâ€“Cuâ€“Ni Buffer Layers. Japanese Journal of Applied Physics, 2012, 51, 010204.	1.5	13
51	Performance of the high-resolution high-flux monochromator for bending magnet beamline BL-1C at the Photon Factory. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2001, 467-468, 573-576.	1.6	12
52	Ion-irradiation enhancement of materials degradation in Feâ€“Cr single crystals detected by magnetic technique. Journal of Nuclear Materials, 2013, 442, S861-S864.	2.7	12
53	Local structure and magnetism of L1₀-type FeNi alloy films with perpendicular magnetic anisotropy studied through⁵⁷Fe nuclear probes. Journal Physics D: Applied Physics, 2015, 48, 205002.	2.8	12
54	Anomaly in anomalous Nernst effect at low temperature for C1_b-type NiMnSb half-Heusler alloy thin film. Japanese Journal of Applied Physics, 2019, 58, SBBI03.	1.5	12

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55	Anomalous Nernst effect in Cox(MgO)1-x granular thin films. Applied Physics Letters, 2020, 116, .	3.3	12
56	Fabrication and magnetotransport properties of nanoscaled MnSb dots. Journal of Applied Physics, 2000, 87, 5639-5641.	2.5	11
57	Magnetoresistive switch effect in MnSb granular films grown on sulfur-passivated GaAs: more-than 10 000% magnetoresistance effect at room-temperature. Physica E: Low-Dimensional Systems and Nanostructures, 2001, 10, 447-451.	2.7	11
58	Determination of local magnetic moment in L1₀-FeNi using photoelectron emission microscopy (PEEM). Journal of Physics: Conference Series, 2011, 266, 012095.	0.4	11
59	Magnetic-Field-Induced Acceleration of Phase Formation in Ï„-Mn-Al. Materials Transactions, 2017, 58, 1511-1518.	1.2	11
60	Nanostructure design for high performance thermoelectric materials based on anomalous Nernst effect using metal/semiconductor multilayer. Applied Physics Express, 2021, 14, 075002.	2.4	11
61	Fluorescence extended X-ray absorption fine structure analysis of half-metallic ferromagnet â€œzinc-blende CrAsâ€•grown on GaAs by molecular beam epitaxy. Nuclear Instruments & Methods in Physics Research B, 2003, 199, 227-230.	1.4	10
62	Electronic and magnetic properties of MnAs nanoclusters studied by x-ray absorption spectroscopy and x-ray magnetic circular dichroism. Applied Physics Letters, 2003, 83, 5485-5487.	3.3	10
63	Atomically flat aluminum-oxide barrier layers constituting magnetic tunnel junctions observed by in situ scanning tunneling microscopy. Applied Physics Letters, 2005, 87, 171909.	3.3	10
64	Direct imaging of atomic clusters in an amorphous matrix: A Co-C granular thin film. Applied Physics Letters, 2012, 101, 191902.	3.3	10
65	Direct Imaging of Valenceâ€Sensitive Xâ€Ray Fluorescence Holograms of Fe₃O₄. Physica Status Solidi (B): Basic Research, 2018, 255, 1800100.	1.5	10
66	Substantial reduction in the depinning field of vortex domain walls triggered by spin-transfer induced resonance. Applied Physics Letters, 2007, 91, 082502.	3.3	9
67	In situ scanning tunneling microscopy observations of polycrystalline MgO(001) tunneling barriers grown on amorphous CoFeB electrode. Applied Physics Letters, 2007, 91, 012507.	3.3	9
68	Strong Temperature Dependence of Magnetoresistance in Co-C Granular Thin Films. IEEE Transactions on Magnetics, 2010, 46, 2144-2147.	2.1	9
69	Significant surface flattening effect by Au addition for Cu growth on Cu3Au(001). Surface Science, 2014, 619, 44-48.	1.9	9
70	THICKNESS DEPENDENCE OF PHOTOEMISSION SPECTRA IN ZINC-BLENDE CrAs. Surface Review and Letters, 2002, 09, 331-334.	1.1	8
71	Tunneling spectroscopy of magnetic tunnel junctions: Comparison between CoFeBâˆ•MgOâˆ•CoFeB and CoFeBâˆ•Alâ€“Oâˆ•CoFeB. Journal of Applied Physics, 2006, 99, 08T309.	2.5	8
72	Microscopic structures of MgO barrier layers in single-crystal Feâˆ•MgOâˆ•Fe magnetic tunnel junctions showing giant tunneling magnetoresistance. Applied Physics Letters, 2006, 88, 251901.	3.3	8

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73	Ferromagnetic resonance of epitaxial Fe nanodots grown on MgO measured using coplanar waveguides. Journal Physics D: Applied Physics, 2011, 44, 064007.	2.8	8
74	Perpendicularly magnetized Cu₂Sb type (Mn-Cr)AlGe films onto amorphous SiO₂. Applied Physics Express, 2019, 12, 103002.	2.4	8
75	Au/GaAs Magnetoresistive-Switch-Effect Devices Fabricated by Wet Etching. Japanese Journal of Applied Physics, 2004, 43, 2101-2103.	1.5	7
76	Differential conductance measurements of low-resistance CoFeB/MgO/CoFeB magnetic tunnel junctions. Journal of Magnetism and Magnetic Materials, 2007, 310, e649-e651.	2.3	7
77	Synthesis and Characterization of L10-FeNi Powders. Journal of the Magnetics Society of Japan, 2013, 37, 198-201.	0.9	7
78	Electronic structures of MgO/Fe interfaces with perpendicular magnetization revealed by hard X-ray photoemission with an applied magnetic field. Science and Technology of Advanced Materials, 2019, 20, 796-804.	6.1	7
79	FeNi and Fe₁₆N₂ Magnets Prepared Using Leaching. Materials Transactions, 2019, 60, 1066-1071.	1.2	7
80	Different Magnetic Field Effects on the <inline-formula> <tex-math notation="LaTeX">$varepsilon-au$ </tex-math> </inline-formula> Phase Transformation Between (Mn,Zn)â€“Al and Mnâ€“Alâ€“C. IEEE Transactions on Magnetics, 2019, 55, 1-4.	2.1	7
81	Enhanced Kerr rotation in electrodeposited nickel films. IEEE Transactions on Magnetics, 1999, 35, 2985-2987.	2.1	6
82	Automated angle-scanning photoemission end-station with molecular beam epitaxy at KEK-PF BL-1C. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2001, 467-468, 1497-1501.	1.6	6
83	Formation, properties and photoelectron spectroscopy of magnetic nanostructures. Journal of Electron Spectroscopy and Related Phenomena, 2002, 124, 165-174.	1.7	6
84	Fluorescence EXAFS analysis of local structures around Cr atoms in (Ga,Cr)As. Physica B: Condensed Matter, 2006, 376-377, 651-653.	2.7	6
85	Magnetization reversal, damping properties and magnetic anisotropy of L1-ordered FeNi thin films. Applied Physics Letters, 2019, 115, .	3.3	6
86	Fabrication of L10-type FeCo ordered structure using a periodic Ni buffer layer. AIP Advances, 2019, 9, 045307.	1.3	6
87	Scanning magneto-optical Kerr effect (MOKE) measurement with element-selectivity by using a soft x-ray free-electron laser and an ellipsoidal mirror. Applied Physics Letters, 2020, 117, .	3.3	6
88	Perpendicular magnetic anisotropy of (001)-textured poly-crystalline MnAlGe films. AIP Advances, 2020, 10, 015122.	1.3	6
89	Magnetic properties of MnSb granular films. Journal of Magnetism and Magnetic Materials, 2001, 226-230, 1838-1839.	2.3	5
90	Nano-oxide fabrication on thin-films of 3d-metal compounds and alloys. Surface Science, 2004, 566-568, 349-355.	1.9	5

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91	Magnetic properties and domain structures of FeSiB thin films prepared by RF-sputtering method. Journal of Magnetism and Magnetic Materials, 2004, 272-276, 1160-1161.	2.3	5
92	Spin Accumulation in Cr Nanoparticles in Single Electron Tunneling Regime. IEEE Transactions on Magnetics, 2010, 46, 2060-2062.	2.1	5
93	Surface morphology and transport properties of Cr nanoparticles in single electron tunneling regime. Journal of Physics: Conference Series, 2011, 266, 012093.	0.4	5
94	MgO Layer Thickness Dependence of Structure and Magnetic Properties of $L1_{0}$-FePt/MgO/GaAs Structures. Japanese Journal of Applied Physics, 2012, 51, 02BM05.	1.5	5
95	Detection of spin-resolved electronic structures from a buried ferromagnetic layer utilizing forward Mott scattering. Applied Physics Letters, 2014, 104, .	3.3	5
96	Effective fluorination of single-layer graphene by high-energy ion irradiation through a LiF overlayer. RSC Advances, 2016, 6, 68525-68529.	3.6	5
97	Effects of Annealing Temperature and Magnetic Field on the $varepsilonhbox{--}au$ Phase Transformation in Mn-Al Alloys. IEEE Magnetics Letters, 2017, 8, 1-4.	1.1	5
98	Non-chemical fluorination of hexagonal boron nitride by high-energy ion irradiation. Nanotechnology, 2020, 31, 125705.	2.6	5
99	Fabrication of <i>L</i>1₀-FeNi films by denitriding FeNiN films. Journal of the Magnetics Society of Japan, 2019, 43, 79-83.	0.9	5
100	Photoelectron Spectroscopy and Magnetic Properties of Manganese Pnictides Nanocrystals Formed on Passivated GaAs Substrates. Japanese Journal of Applied Physics, 1999, 38, 373.	1.5	5
101	Electron localization in nanoscale MnAs dots on GaAs: a photoemission study. Physica B: Condensed Matter, 2000, 284-288, 1778-1779.	2.7	4
102	IN-SITU PHOTOELECTRON SPECTROSCOPY OF MAGNETIC DOTS AND MAGNETIC SEMICONDUCTOR NANOSTRUCTURES. International Journal of Modern Physics B, 2002, 16, 1681-1690.	2.0	4
103	Growth of Fe(100) on GaAs(100) for tunnel magneto-resistance junctions. Journal of Crystal Growth, 2002, 237-239, 1378-1382.	1.5	4
104	Magneto-Optical Properties and Size Effect of Ferromagnetic Metal Nanoparticles. Japanese Journal of Applied Physics, 2013, 52, 073003.	1.5	4
105	Microstructural evolution and correlated magnetic domain configuration of nanoparticles embedded in a single crystal of Cu₇₅â€“Ni₂₀â€“Fe₅alloy. Journal Physics D: Applied Physics, 2016, 49, 335006.	2.8	4
106	Molecular beam epitaxy of MnSb/MnAs multilayers on GaAs. Journal of Crystal Growth, 2000, 209, 556-560.	1.5	3
107	Magnetic pole pinning at rectangular defects on MnAs/GaAs(001). Surface Science, 2004, 550, 192-198.	1.9	3
108	Comparison of electrical and optical detection of spin injection inL10-FePt/MgO/GaAs hybrid structures. Journal Physics D: Applied Physics, 2015, 48, 164003.	2.8	3

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109	Control of anomalous Nernst effect in spintronic materials. Japanese Journal of Applied Physics, 2018, 57, 0902A6.	1.5	3
110	Formation of low-dimensional structures of Manganese Pnictides. Journal of the Magnetics Society of Japan, 1999, 23, 688-690.	0.4	2
111	The effect of S- and Se-passivation on MBE growth of MnAs thin films on GaAs(100) substrates. Journal of Crystal Growth, 2000, 209, 561-565.	1.5	2
112	Magnetic Domain Structure of MnAs Thin Films as a Function of Temperature. Materials Transactions, 2003, 44, 2578-2581.	1.2	2
113	Scanning tunneling microscopy observations of single-crystal Feâˆ•MgOâˆ•Fe magnetic tunnel junctions. Journal of Applied Physics, 2006, 99, 08T308.	2.5	2
114	Synthesis of Ferromagnetic Ï„-Mnâ€“Alâ€“C by Reactive Sintering. Materials Transactions, 2021, 62, 130-134.	1.2	2
115	MgO template effect for perpendicular magnetic anisotropy in (001)-textured poly-crystalline MnAlGe films. AIP Advances, 2021, 11, 015124.	1.3	2
116	Formation of MnAs Dots on S-Passivated GaAs(100) Substrates. Journal of the Magnetics Society of Japan, 1999, 23, 691-693.	0.4	2
117	Band discontinuity in the GaAs/AlAs interface studied by in situ photoemission spectroscopy. Applied Physics Letters, 2002, 80, 1764-1766.	3.3	1
118	Room temperature magnetoresistance effect observed in Au/GaAs films processed by focused ion beam. Journal of Magnetism and Magnetic Materials, 2004, 272-276, E1385-E1386.	2.3	1
119	Density dependence of zinc-blende MnAs dots studied by X-ray absorption spectroscopy and X-ray magnetic circular dichroism. Journal of Magnetism and Magnetic Materials, 2004, 272-276, E1553-E1555.	2.3	1
120	Growth and Characterization of Ultrathin Fe Films on Molecule-Adsorbed MgO Surfaces. Materials Transactions, 2009, 50, 2512-2514.	1.2	1
121	Microstructure Affecting Magnetoresistance of a Cu75â€“Fe5â€“Ni20Alloy. Japanese Journal of Applied Physics, 2011, 50, 045807.	1.5	1
122	Simple Analysis for Frequency Increase in Spin Torque Oscillation. IEEE Transactions on Magnetics, 2012, 48, 3955-3957.	2.1	1
123	Relationship between the microstructure and the magnetic properties of nano-scale magnetic particles formed in a Cu-10 at% Ni-5 at% Co alloy. Journal of the Korean Physical Society, 2013, 63, 555-558.	0.7	1
124	X-ray magnetic circular dichroism and hard X-ray photoelectron spectroscopy of tetragonal Mn72Ge28epitaxial thin film. Japanese Journal of Applied Physics, 2018, 57, 04FN10.	1.5	1
125	Dual Acceleration of Îµ-Ï„ Transformation in Mnâ€“Al Induced by Zn-Addition and In-Magnetic-Field Annealing. Materials Transactions, 2021, 62, 124-129.	1.2	1
126	Characterization of Cu buffer layers for growth of L10-FeNi thin films. , 0, .		1

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127	Fluorescence EXAFS Analysis of Nanoscale ZincBlende MnAs Dots Grown on GaAs001 by Molecular Beam Epitaxy. Physica Scripta, 2005, , 431.	2.5	1
128	M_{2,3} Edge Core-level Magnetic Circular Dichroism Measurements of Cu/Co Multilayers. Japanese Journal of Applied Physics, 1999, 38, 419.	1.5	1
129	Room-Temperature Photo-induced MR in MnSb : GaAs Granular Thin Films. Journal of the Magnetics Society of Japan, 2001, 25, 502-506.	0.4	0
130	Dynamic magnetic properties of epitaxial MnAs thin films studied by spin-wave Brillouin scattering. Journal of Applied Physics, 2004, 95, 6619-6621.	2.5	0
131	Materials Design and Molecular-Beam Epitaxy of Half-Metallic Zinc-Blende CrAs and the Heterostructures. , 0, , 293-311.		0
132	Magnetoresistive Switch Effect and Its Application to Magnetic Field Sensors. Materials Science Forum, 2005, 475-479, 2223-2226.	0.3	0
133	Scanning tunneling microscopy study of a tunneling magneto-resistance device with coherent tunneling transports. , 2005, , .		0
134	Giant tunneling magnetoresistance in MgO-based magnetic tunnel junctions and its industrial applications. , 2006, , .		0
135	Detection of currentâ€driven magnetic domain wall deformation using anisotropic magnetoresistance effect. Physica Status Solidi (A) Applications and Materials Science, 2007, 204, 3987-3990.	1.8	0
136	Fabrication and Properties of Novel Metal-free L10 Type FeNi Ordered Alloy with High Magnetic Anisotropy. Materia Japan, 2011, 50, 389-392.	0.1	0
137	Ferromagnetic Resonance Study on FePt Thin Films with In-Plane Magnetization Using Coplanar Waveguide. Key Engineering Materials, 0, 508, 261-265.	0.4	0
138	Magnetotransport properties of Co-C granular thin films depending on the carbon sputtering power. Materials Research Society Symposia Proceedings, 2012, 1458, 13.	0.1	0
139	Barrier height imaging of magnetic films: Use for studying the initial growth of Co films and the surface structure of FePt films. Surface Science, 2012, 606, 226-232.	1.9	0
140	Structural and Magnetic Depth Profile Analysis of L1₀ FeNi Film by Polarized Neutron Reflectometry. , 2015, , .		0
141	Anomalous Nernst effect in L1<inf>0</inf> type Mn-Ga alloy thin films. , 2015, , .		0
142	Artificial fabrication and characterization of L1<inf>0</inf>-ordered FeNi thin films. , 2015, , .		0
143	Temperature dependence of enhanced spin relaxation time in metallic nanoparticles: Experiment and theory. Physical Review B, 2016, 93, .	3.2	0
144	Magnetic-Field-Induced Enhancement of Phase Transformation in Ferromagnetic Ï„-Mn-Al. Nippon Kinzoku Gakkaishi/Journal of the Japan Institute of Metals, 2019, 83, 181-185.	0.4	0

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145	New Developments in Thermoelectric Materials Based on the Thermomagnetic Effects. Materia Japan, 2021, 60, 558-561.	0.1	0
146	Surface morphology of epitaxial magnetic tunnel junctions. Journal of Nanoscience and Nanotechnology, 2007, 7, 255-8.	0.9	0
147	Spintronic Materials and Their Properties Investigated by Synchrotron Radiation. Vacuum and Surface Science, 2022, 65, 218-223.	0.1	0