

Masaki Mizuguchi

List of Publications by Year in descending order

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147
papers

5,013
citations

186209

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152
all docs

152
docs citations

152
times ranked

4795
citing authors

#	ARTICLE	IF	CITATIONS
1	Spintronic Materials and Their Properties Investigated by Synchrotron Radiation. Vacuum and Surface Science, 2022, 65, 218-223.	0.0	0
2	Dual Acceleration of $\hat{\mu}$ - \hat{I} , Transformation in Mn $\hat{\epsilon}$ -Al Induced by Zn-Addition and In-Magnetic-Field Annealing. Materials Transactions, 2021, 62, 124-129.	0.4	1
3	Nanostructure design for high performance thermoelectric materials based on anomalous Nernst effect using metal/semiconductor multilayer. Applied Physics Express, 2021, 14, 075002.	1.1	11
4	New Developments in Thermoelectric Materials Based on the Thermomagnetic Effects. Materia Japan, 2021, 60, 558-561.	0.1	0
5	Synthesis of Ferromagnetic \hat{I} , -Mn $\hat{\epsilon}$ -Al $\hat{\epsilon}$ -C by Reactive Sintering. Materials Transactions, 2021, 62, 130-134.	0.4	2
6	MgO template effect for perpendicular magnetic anisotropy in (001)-textured poly-crystalline MnAlGe films. AIP Advances, 2021, 11, 015124.	0.6	2
7	Non-chemical fluorination of hexagonal boron nitride by high-energy ion irradiation. Nanotechnology, 2020, 31, 125705.	1.3	5
8	Epitaxial L1-FeNi films with high degree of order and large uniaxial magnetic anisotropy fabricated by denitrating FeNiN films. Applied Physics Letters, 2020, 116, .	1.5	13
9	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, .	1.5	6
10	Perpendicular magnetic anisotropy of (001)-textured poly-crystalline MnAlGe films. AIP Advances, 2020, 10, 015122.	0.6	6
11	Anomalous Nernst effect in Co $\langle i \rangle \times \langle i \rangle$ (MgO) $\langle i \rangle \times \langle i \rangle$ granular thin films. Applied Physics Letters, 2020, 116, .	1.5	12
12	Perpendicularly magnetized Cu $\langle sub \rangle 2 \langle /sub \rangle$ Sb type (Mn-Cr)AlGe films onto amorphous SiO $\langle sub \rangle 2 \langle /sub \rangle$. Applied Physics Express, 2019, 12, 103002.	1.1	8
13	Magnetization reversal, damping properties and magnetic anisotropy of $\langle i \rangle L \langle /i \rangle$ 1-ordered FeNi thin films. Applied Physics Letters, 2019, 115, .	1.5	6
14	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.	2.8	7
15	Magnetic-Field-Induced Enhancement of Phase Transformation in Ferromagnetic \hat{I} , -Mn-Al. Nippon Kinzoku Gakkaishi/Journal of the Japan Institute of Metals, 2019, 83, 181-185.	0.2	0
16	Fabrication of L10-type FeCo ordered structure using a periodic Ni buffer layer. AIP Advances, 2019, 9, 045307.	0.6	6
17	Energy-harvesting materials based on the anomalous Nernst effect. Science and Technology of Advanced Materials, 2019, 20, 262-275.	2.8	122
18	Anomaly in anomalous Nernst effect at low temperature for $\langle i \rangle C \langle /i \rangle 1 \langle sub \rangle b \langle /sub \rangle$ -type NiMnSb half-Heusler alloy thin film. Japanese Journal of Applied Physics, 2019, 58, SBBI03.	0.8	12

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19	Fabrication of L_{10} -FeNi by pulsed-laser deposition. Applied Physics Letters, 2019, 114, .	1.5	16
20	FeNi and Fe_{16}N_2 Magnets Prepared Using Leaching. Materials Transactions, 2019, 60, 1066-1071.	0.4	7
21	Different Magnetic Field Effects on the ϵ -Phase Transformation Between (Mn,Zn)Al and MnAl. IEEE Transactions on Magnetics, 2019, 55, 1-4.	1.2	7
22	Fabrication of L_{10} -FeNi films by denitrifying FeNiN films. Journal of the Magnetics Society of Japan, 2019, 43, 79-83.	0.5	5
23	Fabrication of L_{10} -FeNi phase by sputtering with rapid thermal annealing. Journal of Alloys and Compounds, 2018, 750, 164-170.	2.8	15
24	X-ray magnetic circular dichroism and hard X-ray photoelectron spectroscopy of tetragonal $\text{Mn}_{72}\text{Ge}_{28}$ epitaxial thin film. Japanese Journal of Applied Physics, 2018, 57, 04FN10.	0.8	1
25	Focus on advanced materials for energy harvesting: prospects and approaches of energy harvesting technologies. Science and Technology of Advanced Materials, 2018, 19, 543-544.	2.8	16
26	Control of anomalous Nernst effect in spintronic materials. Japanese Journal of Applied Physics, 2018, 57, 0902A6.	0.8	3
27	Direct Imaging of Valence-Sensitive X-Ray Fluorescence Holograms of Fe_3O_4 . Physica Status Solidi (B): Basic Research, 2018, 255, 1800100.	0.7	10
28	Effects of Annealing Temperature and Magnetic Field on the ϵ -Phase Transformation in Mn-Al Alloys. IEEE Magnetics Letters, 2017, 8, 1-4.	0.6	5
29	Dependence of anomalous Nernst effect on crystal orientation in highly ordered Fe_4N films with anti-perovskite structure. Applied Physics Express, 2017, 10, 073005.	1.1	33
30	Fabrication and characterization of L_{10} -ordered FeNi thin films. Journal Physics D: Applied Physics, 2017, 50, 483002.	1.3	34
31	Synthesis of single-phase L_{10} -FeNi magnet powder by nitrogen insertion and topotactic extraction. Scientific Reports, 2017, 7, 13216.	1.6	86
32	Magnetic-Field-Induced Acceleration of Phase Formation in $\text{Fe}_{1-x}\text{Mn}_x\text{Al}$. Materials Transactions, 2017, 58, 1511-1518.	0.4	11
33	Effective fluorination of single-layer graphene by high-energy ion irradiation through a LiF overlayer. RSC Advances, 2016, 6, 68525-68529.	1.7	5
34	Electronic structure and magnetic anisotropy of L_{10} -FePt thin film studied by hard x-ray photoemission spectroscopy and first-principles calculations. Applied Physics Letters, 2016, 109, .	1.5	19
35	Growth of L_{10} -FeNi thin films on Cu(001) single crystal substrates using oxygen and gold surfactants. Thin Solid Films, 2016, 603, 348-352.	0.8	14
36	Microstructural evolution and correlated magnetic domain configuration of nanoparticles embedded in a single crystal of $\text{Cu}_{75}\text{Ni}_{20}\text{Fe}_5$ alloy. Journal Physics D: Applied Physics, 2016, 49, 335006.	1.3	4

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37	Temperature dependence of enhanced spin relaxation time in metallic nanoparticles: Experiment and theory. <i>Physical Review B</i> , 2016, 93, .	1.1	0
38	Structural and Magnetic Depth Profile Analysis of L1₀ FeNi Film by Polarized Neutron Reflectometry. , 2015, , .		0
39	Material dependence of anomalous Nernst effect in perpendicularly magnetized ordered-alloy thin films. <i>Applied Physics Letters</i> , 2015, 106, .	1.5	86
40	Anomalous Nernst effect in L1⁰ type Mn-Ga alloy thin films. , 2015, , .		0
41	Artificial fabrication and characterization of L1⁰-ordered FeNi thin films. , 2015, , .		0
42	Comparison of electrical and optical detection of spin injection in L10-FePt/MgO/GaAs hybrid structures. <i>Journal Physics D: Applied Physics</i> , 2015, 48, 164003.	1.3	3
43	Local structure and magnetism of L1₀-type FeNi alloy films with perpendicular magnetic anisotropy studied through ⁵⁷ Fe nuclear probes. <i>Journal Physics D: Applied Physics</i> , 2015, 48, 205002.	1.3	12
44	Structural and magnetic properties of FeNi thin films fabricated on amorphous substrates. <i>Journal of Applied Physics</i> , 2015, 117, .	1.1	20
45	Detection of spin-resolved electronic structures from a buried ferromagnetic layer utilizing forward Mott scattering. <i>Applied Physics Letters</i> , 2014, 104, .	1.5	5
46	Formation of FeNi with L1₀-ordered structure using high-pressure torsion. <i>Philosophical Magazine Letters</i> , 2014, 94, 639-646.	0.5	79
47	Addition of Co to L1₀-ordered FeNi films: influences on magnetic properties and ordered structures. <i>Journal Physics D: Applied Physics</i> , 2014, 47, 425001.	1.3	27
48	Structural, magnetic and electronic state characterization of L1₀-type ordered FeNi alloy extracted from a natural meteorite. <i>Journal of Physics Condensed Matter</i> , 2014, 26, 064206.	0.7	42
49	Magnetic domain observation of FeCo thin films fabricated by alternate monoatomic layer deposition. <i>Journal of Applied Physics</i> , 2014, 115, 043908.	1.1	21
50	Fe-Ni composition dependence of magnetic anisotropy in artificially fabricated L1₀-ordered FeNi films. <i>Journal of Physics Condensed Matter</i> , 2014, 26, 064207.	0.7	82
51	Significant surface flattening effect by Au addition for Cu growth on Cu ₃ Au(001). <i>Surface Science</i> , 2014, 619, 44-48.	0.8	9
52	Ion-irradiation enhancement of materials degradation in Fe-Cr single crystals detected by magnetic technique. <i>Journal of Nuclear Materials</i> , 2013, 442, S861-S864.	1.3	12
53	Magneto-Optical Properties and Size Effect of Ferromagnetic Metal Nanoparticles. <i>Japanese Journal of Applied Physics</i> , 2013, 52, 073003.	0.8	4
54	Relationship between the microstructure and the magnetic properties of nano-scale magnetic particles formed in a Cu-10 at% Ni-5 at% Co alloy. <i>Journal of the Korean Physical Society</i> , 2013, 63, 555-558.	0.3	1

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55	Origin of strong magnetic anisotropy in L10-FeNi probed by angular-dependent magnetic circular dichroism. <i>Journal of Magnetism and Magnetic Materials</i> , 2013, 326, 235-239.	1.0	44
56	Magnetization damping of an L_{10} -FeNi thin film with perpendicular magnetic anisotropy. <i>Applied Physics Letters</i> , 2013, 103, .	1.5	28
57	Fabrication of highly L1-ordered FePt thin films by low-temperature rapid thermal annealing. <i>APL Materials</i> , 2013, 1, .	2.2	17
58	Anomalous Nernst Effect in L1 ₀ -FePt/MnGa Thermopiles for New Thermoelectric Applications. <i>Applied Physics Express</i> , 2013, 6, 033003.	1.1	131
59	Synthesis and Characterization of L10-FeNi Powders. <i>Journal of the Magnetism Society of Japan</i> , 2013, 37, 198-201.	0.5	7
60	Magnetic Anisotropy and Chemical Order of Artificially Synthesized L1 ₀ -Ordered FeNi Films on Au/Cu/Ni Buffer Layers. <i>Japanese Journal of Applied Physics</i> , 2012, 51, 010204.	0.8	37
61	MgO Layer Thickness Dependence of Structure and Magnetic Properties of L1 ₀ -FePt/MgO/GaAs Structures. <i>Japanese Journal of Applied Physics</i> , 2012, 51, 02BM05.	0.8	5
62	Magnetotransport properties of Co-C granular thin films depending on the carbon sputtering power. <i>Materials Research Society Symposia Proceedings</i> , 2012, 1458, 13.	0.1	0
63	Direct imaging of atomic clusters in an amorphous matrix: A Co-C granular thin film. <i>Applied Physics Letters</i> , 2012, 101, 191902.	1.5	10
64	Anomalous Nernst Effect in an L1 ₀ -Ordered Epitaxial FePt Thin Film. <i>Applied Physics Express</i> , 2012, 5, 093002.	1.1	93
65	Barrier height imaging of magnetic films: Use for studying the initial growth of Co films and the surface structure of FePt films. <i>Surface Science</i> , 2012, 606, 226-232.	0.8	0
66	Simple Analysis for Frequency Increase in Spin Torque Oscillation. <i>IEEE Transactions on Magnetics</i> , 2012, 48, 3955-3957.	1.2	1
67	Magnetic Anisotropy and Chemical Order of Artificially Synthesized L1 ₀ -Ordered FeNi Films on Au/Cu/Ni Buffer Layers. <i>Japanese Journal of Applied Physics</i> , 2012, 51, 010204.	0.8	13
68	High-power rf oscillation induced in half-metallic Co ₂ MnSi layer by spin-transfer torque. <i>Applied Physics Letters</i> , 2011, 99, .	1.5	37
69	Artificial Fabrication and Order Parameter Estimation of L10-ordered FeNi Thin Film Grown on a AuNi Buffer Layer. <i>Journal of the Magnetism Society of Japan</i> , 2011, 35, 370-373.	0.5	60
70	L1 ₀ -ordered FeNi film grown on Cu-Ni binary buffer layer. <i>Journal of Physics: Conference Series</i> , 2011, 266, 012119.	0.3	27
71	Determination of local magnetic moment in L1 ₀ -FeNi using photoelectron emission microscopy (PEEM). <i>Journal of Physics: Conference Series</i> , 2011, 266, 012095.	0.3	11
72	Surface morphology and transport properties of Cr nanoparticles in single electron tunneling regime. <i>Journal of Physics: Conference Series</i> , 2011, 266, 012093.	0.3	5

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73	Fabrication and Properties of Novel Metal-free L10 Type FeNi Ordered Alloy with High Magnetic Anisotropy. <i>Materia Japan</i> , 2011, 50, 389-392.	0.1	0
74	Ferromagnetic resonance of epitaxial Fe nanodots grown on MgO measured using coplanar waveguides. <i>Journal Physics D: Applied Physics</i> , 2011, 44, 064007.	1.3	8
75	Microstructure Affecting Magnetoresistance of a Cu ₇₅ Fe ₅ Ni ₂₀ Alloy. <i>Japanese Journal of Applied Physics</i> , 2011, 50, 045807.	0.8	1
76	Strong Temperature Dependence of Magnetoresistance in Co-C Granular Thin Films. <i>IEEE Transactions on Magnetics</i> , 2010, 46, 2144-2147.	1.2	9
77	Spin Accumulation in Cr Nanoparticles in Single Electron Tunneling Regime. <i>IEEE Transactions on Magnetics</i> , 2010, 46, 2060-2062.	1.2	5
78	Transmission of electrical signals by spin-wave interconversion in a magnetic insulator. <i>Nature</i> , 2010, 464, 262-266.	13.7	1,364
79	Characterization of Cu buffer layers for growth of L1-FeNi thin films. <i>Journal of Applied Physics</i> , 2010, 107, .	1.1	35
80	Large voltage-induced magnetic anisotropy change in a few atomic layers of iron. <i>Nature Nanotechnology</i> , 2009, 4, 158-161.	15.6	1,140
81	Growth and Characterization of Ultrathin Fe Films on Molecule-Adsorbed MgO Surfaces. <i>Materials Transactions</i> , 2009, 50, 2512-2514.	0.4	1
82	Substantial reduction in the depinning field of vortex domain walls triggered by spin-transfer induced resonance. <i>Applied Physics Letters</i> , 2007, 91, 082502.	1.5	9
83	Tunnel magnetoresistance of C ₆₀ nanocomposites and spin-dependent transport in organic semiconductors. <i>Physical Review B</i> , 2007, 76, .	1.1	49
84	In situ scanning tunneling microscopy observations of polycrystalline MgO(001) tunneling barriers grown on amorphous CoFeB electrode. <i>Applied Physics Letters</i> , 2007, 91, 012507.	1.5	9
85	Spin-dependent transport in nanocomposites of Alq ₃ molecules and cobalt nanoparticles. <i>Applied Physics Letters</i> , 2007, 91, 063123.	1.5	26
86	Dependence on annealing temperatures of tunneling spectra in high-resistance CoFeB/MgO/CoFeB magnetic tunnel junctions. <i>Solid State Communications</i> , 2007, 143, 574-578.	0.9	23
87	Large magnetoresistance in rubrene-Co nano-composites. <i>Chemical Physics Letters</i> , 2007, 448, 106-110.	1.2	24
88	Differential conductance measurements of low-resistance CoFeB/MgO/CoFeB magnetic tunnel junctions. <i>Journal of Magnetism and Magnetic Materials</i> , 2007, 310, e649-e651.	1.0	7
89	Detection of current-driven magnetic domain wall deformation using anisotropic magnetoresistance effect. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2007, 204, 3987-3990.	0.8	0
90	Surface morphology of epitaxial magnetic tunnel junctions. <i>Journal of Nanoscience and Nanotechnology</i> , 2007, 7, 255-8.	0.9	0

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91	Spin-Dependent Transport in C60-Co Nano-Composites. Japanese Journal of Applied Physics, 2006, 45, L717-L719.	0.8	33
92	Tunneling spectroscopy of magnetic tunnel junctions: Comparison between CoFeB/MgO/CoFeB and CoFeB/Al ₂ O ₃ /CoFeB. Journal of Applied Physics, 2006, 99, 08T309.	1.1	8
93	Giant tunneling magnetoresistance in MgO-based magnetic tunnel junctions and its industrial applications. , 2006, , .		0
94	Fluorescence EXAFS analysis of local structures around Cr atoms in (Ga,Cr)As. Physica B: Condensed Matter, 2006, 376-377, 651-653.	1.3	6
95	Microscopic structures of MgO barrier layers in single-crystal Fe/MgO/Fe magnetic tunnel junctions showing giant tunneling magnetoresistance. Applied Physics Letters, 2006, 88, 251901.	1.5	8
96	Scanning tunneling microscopy observations of single-crystal Fe/MgO/Fe magnetic tunnel junctions. Journal of Applied Physics, 2006, 99, 08T308.	1.1	2
97	Tunneling spectra of sputter-deposited CoFeB/MgO/CoFeB magnetic tunnel junctions showing giant tunneling magnetoresistance effect. Solid State Communications, 2005, 136, 611-615.	0.9	36
98	Magnetoresistive Switch Effect and Its Application to Magnetic Field Sensors. Materials Science Forum, 2005, 475-479, 2223-2226.	0.3	0
99	Atomically flat aluminum-oxide barrier layers constituting magnetic tunnel junctions observed by in situ scanning tunneling microscopy. Applied Physics Letters, 2005, 87, 171909.	1.5	10
100	Scanning tunneling microscopy study of a tunneling magneto-resistance device with coherent tunneling transports. , 2005, , .		0
101	Fluorescence EXAFS Analysis of Nanoscale ZincBlende MnAs Dots Grown on GaAs(001) by Molecular Beam Epitaxy. Physica Scripta, 2005, , 431.	1.2	1
102	Zinc-blende CrAs/GaAs multilayers grown by molecular-beam epitaxy. Journal of Physics Condensed Matter, 2004, 16, S5549-S5553.	0.7	18
103	X-ray absorption spectroscopy of transition-metal doped diluted magnetic semiconductors Zn _{1-x} M _x O. Journal of Applied Physics, 2004, 95, 3573-3575.	1.1	51
104	Density-dependent electronic structure of zinc-blende-type MnAs dots on GaAs(001) studied by in situ photoemission spectroscopy. Physical Review B, 2004, 70, .	1.1	24
105	Au/GaAs Magnetoresistive-Switch-Effect Devices Fabricated by Wet Etching. Japanese Journal of Applied Physics, 2004, 43, 2101-2103.	0.8	7
106	Magnetic pole pinning at rectangular defects on MnAs/GaAs(001). Surface Science, 2004, 550, 192-198.	0.8	3
107	Magnetic properties and domain structures of FeSiB thin films. Surface Science, 2004, 556, 33-38.	0.8	15
108	Nano-oxide fabrication on thin-films of 3d-metal compounds and alloys. Surface Science, 2004, 566-568, 349-355.	0.8	5

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109	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.	1.0	1
110	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.	1.0	5
111	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.	1.0	1
112	Dynamic magnetic properties of epitaxial MnAs thin films studied by spin-wave Brillouin scattering. Journal of Applied Physics, 2004, 95, 6619-6621.	1.1	0
113	Magnetic-field-controllable avalanche breakdown and giant magnetoresistive effects in Ga ^δ -semi-insulating-GaAs Schottky diode. Applied Physics Letters, 2004, 85, 5643-5645.	1.5	68
114	Fluorescence extended X-ray absorption fine structure analysis of half-metallic ferromagnet zinc-blende CrAs grown on GaAs by molecular beam epitaxy. Nuclear Instruments & Methods in Physics Research B, 2003, 199, 227-230.	0.6	10
115	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.	1.5	10
116	Magnetic Domain Structure of MnAs Thin Films as a Function of Temperature. Materials Transactions, 2003, 44, 2578-2581.	0.4	2
117	Band discontinuity in the GaAs/AlAs interface studied by in situ photoemission spectroscopy. Applied Physics Letters, 2002, 80, 1764-1766.	1.5	1
118	Growth of ferromagnetic semiconductor: (Ga, ^δ Cr)As. Journal of Applied Physics, 2002, 91, 7908.	1.1	29
119	IN-SITU PHOTOELECTRON SPECTROSCOPY OF MAGNETIC DOTS AND MAGNETIC SEMICONDUCTOR NANOSTRUCTURES. International Journal of Modern Physics B, 2002, 16, 1681-1690.	1.0	4
120	THICKNESS DEPENDENCE OF PHOTOEMISSION SPECTRA IN ZINC-BLENDE CrAs. Surface Review and Letters, 2002, 09, 331-334.	0.5	8
121	Fabrication, magnetic properties, and electronic structures of nanoscale zinc-blende MnAs dots (invited). Journal of Applied Physics, 2002, 91, 8088.	1.1	130
122	Epitaxial growth of zinc-blende CrAs/GaAs multilayer. Journal of Applied Physics, 2002, 91, 7917.	1.1	96
123	Epitaxial growth of new half-metallic ferromagnet zinc-blende CrAs and the substrate temperature dependence. Journal of Magnetism and Magnetic Materials, 2002, 239, 269-271.	1.0	32
124	Formation, properties and photoelectron spectroscopy of magnetic nanostructures. Journal of Electron Spectroscopy and Related Phenomena, 2002, 124, 165-174.	0.8	6
125	Enhanced magneto-optical response of magnetic nanoclusters embedded in semiconductor. Journal of Magnetism and Magnetic Materials, 2002, 242-245, 470-472.	1.0	17
126	Growth of Fe(100) on GaAs(100) for tunnel magneto-resistance junctions. Journal of Crystal Growth, 2002, 237-239, 1378-1382.	0.7	4

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127	Room-Temperature Photo-induced MR in MnSb : GaAs Granular Thin Films. Journal of the Magnetism Society of Japan, 2001, 25, 502-506.	0.4	0
128	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.	0.7	12
129	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.	0.7	6
130	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.	1.3	11
131	Magnetic properties of MnSb granular films. Journal of Magnetism and Magnetic Materials, 2001, 226-230, 1838-1839.	1.0	5
132	Formation and structural investigation of MnSb dots on S-passivated GaAs(001) substrates. Journal of Crystal Growth, 2000, 209, 552-555.	0.7	13
133	Molecular beam epitaxy of MnSb/MnAs multilayers on GaAs. Journal of Crystal Growth, 2000, 209, 556-560.	0.7	3
134	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.	0.7	2
135	Electron localization in nanoscale MnAs dots on GaAs: a photoemission study. Physica B: Condensed Matter, 2000, 284-288, 1778-1779.	1.3	4
136	Room-temperature thousandfold magnetoresistance change in MnSb granular films: Magnetoresistive switch effect. Applied Physics Letters, 2000, 76, 357-359.	1.5	66
137	Crystallographic and magneto-optical studies of nanoscaled MnSb dots grown on GaAs. Applied Physics Letters, 2000, 76, 1743-1745.	1.5	32
138	Fabrication and magnetotransport properties of nanoscaled MnSb dots. Journal of Applied Physics, 2000, 87, 5639-5641.	1.1	11
139	Room-temperature photoinduced magnetoresistance effect in GaAs including MnSb nanomagnets. Applied Physics Letters, 2000, 76, 2600-2602.	1.5	28
140	Formation of low-dimensional structures of Manganese Pnictides. Journal of the Magnetism Society of Japan, 1999, 23, 688-690.	0.4	2
141	Enhanced Kerr rotation in electrodeposited nickel films. IEEE Transactions on Magnetism, 1999, 35, 2985-2987.	1.2	6
142	Formation of MnAs Dots on S-Passivated GaAs(100) Substrates. Journal of the Magnetism Society of Japan, 1999, 23, 691-693.	0.4	2
143	Photoelectron Spectroscopy and Magnetic Properties of Manganese Pnictides Nanocrystals Formed on Passivated GaAs Substrates. Japanese Journal of Applied Physics, 1999, 38, 373.	0.8	5
144	M _{2,3} Edge Core-level Magnetic Circular Dichroism Measurements of Cu/Co Multilayers. Japanese Journal of Applied Physics, 1999, 38, 419.	0.8	1

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145	Materials Design and Molecular-Beam Epitaxy of Half-Metallic Zinc-Blende CrAs and the Heterostructures. , 0, , 293-311.		0
146	Ferromagnetic Resonance Study on FePt Thin Films with In-Plane Magnetization Using Coplanar Waveguide. Key Engineering Materials, 0, 508, 261-265.	0.4	0
147	Characterization of Cu buffer layers for growth of L10-FeNi thin films. , 0, .		1