

Yasushi Takemura

List of Publications by Year in descending order

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144
papers

2,379
citations

236833

25
h-index

265120

42
g-index

146
all docs

146
docs citations

146
times ranked

2835
citing authors

#	ARTICLE	IF	CITATIONS
1	Self-heating characteristics of cobalt ferrite nanoparticles for hyperthermia application. Journal of Magnetism and Magnetic Materials, 2007, 310, 2868-2870.	1.0	116
2	Biocompatibility of various ferrite nanoparticles evaluated by in vitro cytotoxicity assays using HeLa cells. Journal of Magnetism and Magnetic Materials, 2009, 321, 1482-1484.	1.0	112
3	Giant Magnetic Heat Induction of Magnesium-Doped $\text{Fe}_{2}\text{O}_{3}$ Superparamagnetic Nanoparticles for Completely Killing Tumors. Advanced Materials, 2018, 30, 1704362.	11.1	99
4	Effects of particle dipole interaction on the ac magnetically induced heating characteristics of ferrite nanoparticles for hyperthermia. Applied Physics Letters, 2009, 95, .	1.5	85
5	Magnetic characterization of surface-coated magnetic nanoparticles for biomedical application. Journal of Magnetism and Magnetic Materials, 2011, 323, 1398-1403.	1.0	85
6	Characterization of Néel and Brownian Relaxations Isolated from Complex Dynamics Influenced by Dipole Interactions in Magnetic Nanoparticles. Journal of Physical Chemistry C, 2019, 123, 28859-28866.	1.5	84
7	Applications of $\text{NiFe}_{2}\text{O}_{4}$ nanoparticles for a hyperthermia agent in biomedicine. Applied Physics Letters, 2006, 89, 252503.	1.5	83
8	AC Magnetic-Field-Induced Heating and Physical Properties of Ferrite Nanoparticles for a Hyperthermia Agent in Medicine. IEEE Nanotechnology Magazine, 2009, 8, 86-94.	1.1	78
9	Physical limits of pure superparamagnetic $\text{Fe}_{3}\text{O}_{4}$ nanoparticles for a local hyperthermia agent in nanomedicine. Applied Physics Letters, 2012, 100, .	1.5	71
10	Development of magneto-plasmonic nanoparticles for multimodal image-guided therapy to the brain. Nanoscale, 2017, 9, 764-773.	2.8	62
11	Hybrid magneto-plasmonic liposomes for multimodal image-guided and brain-targeted HIV treatment. Nanoscale, 2018, 10, 184-194.	2.8	61
12	Magneto-plasmonic nanostars for image-guided and NIR-triggered drug delivery. Scientific Reports, 2020, 10, 10115.	1.6	49
13	Atomic layer epitaxial growth of ZnSe, ZnTe, and ZnSe/ZnTe strained-layer superlattices. Journal of Applied Physics, 1989, 66, 2597-2602.	1.1	46
14	Dependence of Frequency and Magnetic Field on Self-Heating Characteristics of $\text{NiFe}_{2}\text{O}_{4}$ Nanoparticles for Hyperthermia. IEEE Transactions on Magnetics, 2006, 42, 3566-3568.	1.2	44
15	Heat dissipation and magnetic properties of surface-coated $\text{Fe}_{3}\text{O}_{4}$ nanoparticles for biomedical applications. Journal of Magnetism and Magnetic Materials, 2012, 324, 3437-3442.	1.0	43
16	Hyperthermia and chemotherapy using Fe(Salen) nanoparticles might impact glioblastoma treatment. Scientific Reports, 2017, 7, 42783.	1.6	42
17	Enhanced specific loss power from Resovist [®] achieved by aligning magnetic easy axes of nanoparticles for hyperthermia. Journal of Magnetism and Magnetic Materials, 2019, 473, 148-154.	1.0	39
18	Rotation of Magnetization Derived from Brownian Relaxation in Magnetic Fluids of Different Viscosity Evaluated by Dynamic Hysteresis Measurements over a Wide Frequency Range. Nanomaterials, 2016, 6, 170.	1.9	36

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19	Dynamic magnetic characterization and magnetic particle imaging enhancement of magnetic-gold core-shell nanoparticles. <i>Nanoscale</i> , 2019, 11, 6489-6496.	2.8	36
20	Magnetic Nanoparticle Hyperthermia Using Pluronic-Coated Nanoparticles: An <i>In Vitro</i> Study. <i>Journal of Nanomaterials</i> , 2012, 2012, 1-5.	1.5	33
21	Dipole-dipole interaction and its concentration dependence of magnetic fluid evaluated by alternating current hysteresis measurement. <i>Journal of Applied Physics</i> , 2015, 117, .	1.1	32
22	Effects of size and anisotropy of magnetic nanoparticles associated with dynamics of easy axis for magnetic particle imaging. <i>Journal of Magnetism and Magnetic Materials</i> , 2019, 474, 311-318.	1.0	29
23	Evaluation of Magnetic and Thermal Properties of Ferrite Nanoparticles for Biomedical Applications. <i>Journal of Magnetism</i> , 2011, 16, 164-168.	0.2	29
24	Batteryless Hall Sensor Operated by Energy Harvesting From a Single Wiegand Pulse. <i>IEEE Transactions on Magnetics</i> , 2017, 53, 1-6.	1.2	27
25	Atomic layer epitaxy of ZnSe-ZnTe strained layer superlattices. <i>Journal of Crystal Growth</i> , 1989, 95, 580-583.	0.7	26
26	Magnetization and self-heating temperature of NiFe ₂ O ₄ nanoparticles measured by applying ac magnetic field. <i>Journal of Physics: Conference Series</i> , 2010, 200, 122010.	0.3	26
27	Quantitation method of loss powers using commercial magnetic nanoparticles based on superparamagnetic behavior influenced by anisotropy for hyperthermia. <i>Journal of Magnetism and Magnetic Materials</i> , 2021, 538, 168313.	1.0	26
28	Two-step relaxation process of colloidal magnetic nanoclusters under pulsed fields. <i>Applied Physics Express</i> , 2018, 11, 075001.	1.1	25
29	Effects of Mn concentration on the ac magnetically induced heating characteristics of superparamagnetic Mn _x Zn _{1-x} Fe ₂ O ₄ nanoparticles for hyperthermia. <i>Applied Physics Letters</i> , 2010, 96, .	1.5	24
30	Self-Heating Temperature and AC Hysteresis of Magnetic Iron Oxide Nanoparticles and Their Dependence on Secondary Particle Size. <i>IEEE Transactions on Magnetics</i> , 2013, 49, 240-243.	1.2	22
31	Evaluation of easy-axis dynamics in a magnetic fluid by measurement and analysis of the magnetization curve in an alternating magnetic field. <i>Applied Physics Express</i> , 2017, 10, 085001.	1.1	22
32	Wide bandgap II-VI compound semiconductor superlattices grown by metalorganic molecular beam epitaxy. <i>Journal of Crystal Growth</i> , 1988, 93, 720-725.	0.7	21
33	Magnetic nanostructures fabricated by the atomic force microscopy nano-lithography technique. <i>Nanotechnology</i> , 2004, 15, S566-S569.	1.3	21
34	Hyperthermia Using Antibody-Conjugated Magnetic Nanoparticles and Its Enhanced Effect with Cryptotanshinone. <i>Nanomaterials</i> , 2014, 4, 319-330.	1.9	21
35	Magnetization Reversal and Specific Loss Power of Magnetic Nanoparticles in Cellular Environment Evaluated by AC Hysteresis Measurement. <i>Journal of Nanomaterials</i> , 2015, 2015, 1-8.	1.5	21
36	Ferromagnetic Ultra-Small Tunnel Junction Devices Fabricated by Scanning Probe Microscope (SPM) Local Oxidation. <i>IEEE Transactions on Magnetics</i> , 2004, 40, 2640-2642.	1.2	20

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37	Pleiotropic functions of magnetic nanoparticles for ex vivo gene transfer. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2014, 10, 1165-1174.	1.7	20
38	Self-Heating Property of Magnetite Nanoparticles Dispersed in Solution. <i>IEEE Transactions on Magnetism</i> , 2011, 47, 4151-4154.	1.2	19
39	Study on increase in temperature of Co ²⁺ /Ti ferrite nanoparticles for magnetic hyperthermia treatment. <i>Thermochimica Acta</i> , 2012, 532, 123-126.	1.2	19
40	Living-cell imaging using a photonic crystal nanolaser array. <i>Optics Express</i> , 2015, 23, 17056.	1.7	19
41	Self-Limiting Growth in Atomic Layer Epitaxy of ZnTe. <i>Japanese Journal of Applied Physics</i> , 1991, 30, L246-L248.	0.8	17
42	Physical Parameters to Enhance AC Magnetically Induced Heating Power of Ferrite Nanoparticles for Hyperthermia in Nanomedicine. <i>IEEE Nanotechnology Magazine</i> , 2013, 12, 314-322.	1.1	17
43	Power dissipation in magnetic nanoparticles evaluated using the AC susceptibility of their linear and nonlinear responses. <i>Journal of Magnetism and Magnetic Materials</i> , 2021, 517, 167401.	1.0	17
44	Transfection efficiency influenced by aggregation of DNA/polyethylenimine max/magnetic nanoparticle complexes. <i>Journal of Nanoparticle Research</i> , 2013, 15, 1.	0.8	16
45	Layer-by-layer assembled magnetic prednisolone microcapsules (MPC) for controlled and targeted drug release at rheumatoid arthritic joints. <i>Journal of Magnetism and Magnetic Materials</i> , 2017, 427, 258-267.	1.0	16
46	Applied voltage dependence of nano-oxidation of ferromagnetic thin films using atomic force microscope. <i>Journal of Applied Physics</i> , 2003, 93, 7346-7348.	1.1	15
47	Resonant circuits for hyperthermia excited by RF magnetic field of MRI. <i>IEEE Transactions on Magnetism</i> , 2005, 41, 3673-3675.	1.2	15
48	Magnetic Properties, Self-Temperature Rising Characteristics, and Biocompatibility of NiFe ₂ O ₄ Nanoparticles for Hyperthermia Applications. <i>IEEE Transactions on Magnetism</i> , 2006, 42, 2833-2835.	1.2	14
49	Variation of Magnetic Particle Imaging Tracer Performance With Amplitude and Frequency of the Applied Magnetic Field. <i>IEEE Transactions on Magnetism</i> , 2015, 51, 1-4.	1.2	14
50	Circuit Parameters of a Receiver Coil Using a Wiegand Sensor for Wireless Power Transmission. <i>Sensors</i> , 2019, 19, 2710.	2.1	14
51	Optical properties of ZnSe/ZnTe strained layer superlattices prepared by atomic layer epitaxy. <i>Journal of Crystal Growth</i> , 1990, 101, 81-85.	0.7	13
52	Tunnel magnetoresistance on ferromagnetic single-electron transistors with multiple tunnel junction. <i>Journal of Applied Physics</i> , 2001, 89, 7365-7367.	1.1	13
53	Effective excitation by single magnet in rotation sensor and domain wall displacement of FeCoV wire. <i>Journal of Applied Physics</i> , 2011, 109, 07E531.	1.1	13
54	NiFe-Based Nanostructures Fabricated Using an Atomic Force Microscope. <i>Japanese Journal of Applied Physics</i> , 2000, 39, L1292-L1293.	0.8	12

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55	Output Characteristics and Circuit Modeling of Wiegand Sensor. <i>Sensors</i> , 2019, 19, 2991.	2.1	12
56	Improvement of Pulse Voltage Generated by Wiegand Sensor Through Magnetic-Flux Guidance. <i>Sensors</i> , 2020, 20, 1408.	2.1	12
57	Structural and magnetic properties of Fe ₅₀ Se ₅₀ thin films during their selenization process. <i>Journal of Applied Physics</i> , 1998, 83, 6533-6535.	1.1	11
58	Fabrication of Zero-Speed Sensor Using Weakly Coupled NiFe/CoFe Multilayer Films. <i>IEEE Transactions on Magnetics</i> , 2004, 40, 2667-2669.	1.2	11
59	Constant Velocity of Domain Wall Propagation Independent of Applied Field Strength in Vicalloy Wire. <i>IEEE Transactions on Magnetics</i> , 2007, 43, 2397-2399.	1.2	11
60	Multiple signal transmission in wide-range position sensor using magnetoelastic wave in FeSiB amorphous wire. <i>IEEE Transactions on Magnetics</i> , 1995, 31, 3155-3157.	1.2	10
61	Frequency dependence of output voltage generated from bundled compound magnetic wires. <i>IEEE Transactions on Magnetics</i> , 2001, 37, 2862-2864.	1.2	10
62	Magnetoresistance effect of planar-type ferromagnetic tunnel junctions. <i>Journal of Applied Physics</i> , 2006, 99, 08T312.	1.1	10
63	Control of Demagnetizing Field and Magnetostatic Coupling in FeCoV Wires for Zero-Speed Sensor. <i>IEEE Transactions on Magnetics</i> , 2006, 42, 3300-3302.	1.2	10
64	Effective Néel relaxation time constant and intrinsic dipolar magnetism in a multicore magnetic nanoparticle system. <i>Journal of Applied Physics</i> , 2021, 130, .	1.1	10
65	High-Frequency Néel Relaxation Response for Submillimeter Magnetic Particle Imaging Under Low Field Gradient. <i>Physical Review Applied</i> , 2020, 14, .	1.5	10
66	SPM fabrication of nanometerscale ferromagnetic metal-oxide devices. <i>Journal of Magnetism and Magnetic Materials</i> , 2004, 272-276, 1581-1583.	1.0	9
67	Cell imaging using GaInAsP semiconductor photoluminescence. <i>Optics Express</i> , 2016, 24, 11232.	1.7	9
68	Harmonic decomposition of magneto-optical signal from suspensions of superparamagnetic nanoparticles. <i>Journal of Magnetism and Magnetic Materials</i> , 2018, 451, 248-253.	1.0	9
69	Magnetic particle imaging using linear magnetization response-driven harmonic signal of magnetoresistive sensor. <i>Applied Physics Express</i> , 2021, 14, 095001.	1.1	9
70	Magnetoliposomes in Controlled-Release Drug Delivery Systems. <i>Critical Reviews in Biomedical Engineering</i> , 2019, 47, 495-505.	0.5	9
71	Self-limiting growth with 0.5 monolayer per cycle in atomic layer epitaxy of ZnTe. <i>Journal of Crystal Growth</i> , 1992, 117, 144-147.	0.7	8
72	Dependence of magnetization dynamics and magneto-impedance effect in FeSiB amorphous wire on annealing conditions. <i>IEEE Transactions on Magnetics</i> , 1996, 32, 4947-4949.	1.2	8

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73	AFM lithography for fabrication of magnetic nanostructures and devices. Journal of Magnetism and Magnetic Materials, 2006, 304, 19-22.	1.0	8
74	Implant hyperthermia resonant circuit produces heat in response to MRI unit radiofrequency pulses. British Journal of Radiology, 2008, 81, 69-72.	1.0	8
75	High intrinsic loss power of multicore magnetic nanoparticles with blood-pooling property for hyperthermia. AIP Advances, 2019, 9, .	0.6	8
76	A Novel Wireless Charging Technique for Low-Power Devices Based on Wiegand Transducer. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2023, 11, 372-383.	3.7	8
77	(ZnSe) _m -(ZnTe) _n short-period strained layer superlattices prepared by atomic layer epitaxy. Journal of Crystal Growth, 1991, 111, 802-806.	0.7	7
78	Planar-type Ferromagnetic Tunnel Junctions Fabricated by Atomic Force Microscope for Nonvolatile Memory. Japanese Journal of Applied Physics, 2001, 40, 128-129.	0.8	7
79	Direct Modification of Magnetic Domains in Co Nanostructures by Atomic Force Microscope Lithography. Japanese Journal of Applied Physics, 2005, 44, L285-L287.	0.8	7
80	Output Properties of Zero-Speed Sensors Using FeCoV Wire and NiFe/CoFe Multilayer Thin Film. IEEE Sensors Journal, 2006, 6, 1186-1190.	2.4	7
81	Planar-type ferromagnetic tunnel junctions fabricated by SPM local oxidation. Journal of Magnetism and Magnetic Materials, 2007, 310, e641-e643.	1.0	7
82	Local Oxidation of Si Surfaces by Tapping-Mode Scanning Probe Microscopy: Size Dependence of Oxide Wires on Dynamic Properties of Cantilever. Japanese Journal of Applied Physics, 2008, 47, 718-720.	0.8	7
83	Complex Magnetization Harmonics of Polydispersive Magnetic Nanoclusters. Nanomaterials, 2018, 8, 424.	1.9	7
84	Modulating relaxation responses of magnetic nanotracers for submillimeter imaging. Applied Physics Letters, 2019, 115, .	1.5	7
85	Magnetic Reversal in Wiegand Wires Evaluated by First-Order Reversal Curves. Materials, 2021, 14, 3868.	1.3	7
86	Pseudo-single domain colloidal superparamagnetic nanoparticles designed at a physiologically tolerable AC magnetic field for clinically safe hyperthermia. Nanoscale, 2021, 13, 19484-19492.	2.8	7
87	Hyperthermia Implant Consisting of Resonant Circuit Delivered to Tumor Through 18 G Needle. IEEE Transactions on Magnetics, 2011, 47, 2887-2889.	1.2	6
88	Self-Oscillating Boost Converter of Wiegand Pulse Voltage for Self-Powered Modules. Energies, 2021, 14, 5373.	1.6	6
89	Empirical and simulated evaluations of easy-axis dynamics of magnetic nanoparticles based on their magnetization response in alternating magnetic field. Journal of Magnetism and Magnetic Materials, 2021, 539, 168354.	1.0	6
90	Atomic layer epitaxy of nitrogen-doped ZnSe. Journal of Electronic Materials, 1993, 22, 437-440.	1.0	5

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91	RC-coupled ferromagnetic single-electron transistors. Journal of Applied Physics, 2003, 93, 6873-6875.	1.1	5
92	Modification of Electrical Properties and Magnetic Domain Structures in Magnetic Nanostructures by AFM Nanolithography. Advanced Engineering Materials, 2005, 7, 170-173.	1.6	5
93	Magneto-resistance of patterned NiFe thin films with structures modified by atomic force microscope nanolithography. Journal of Vacuum Science & Technology an Official Journal of the American Vacuum Society B, Microelectronics Processing and Phenomena, 2005, 23, 2390.	1.6	5
94	Measurement of faradaic current during AFM local oxidation of magnetic metal thin films. Journal of Physics: Conference Series, 2007, 61, 1147-1151.	0.3	5
95	Fabrication of Ferromagnetic Nanoconstriction Using Atomic Force Microscopy Nanoscratching. Journal of Nanoscience and Nanotechnology, 2011, 11, 10945-10948.	0.9	5
96	Dipolar field-induced asymmetric magnetization hysteresis of immobile superparamagnetic nanoclusters. Journal of Magnetism and Magnetic Materials, 2019, 480, 132-137.	1.0	5
97	Single-Bit, Self-Powered Digital Counter Using a Wiegand Sensor for Rotary Applications. Sensors, 2020, 20, 3840.	2.1	5
98	Second harmonic response of magnetic nanoparticles under parallel static field and perpendicular oscillating field for magnetic particle imaging. AIP Advances, 2020, 10, .	0.6	5
99	Resistively coupled ferromagnetic single-electron transistors. Journal of Applied Physics, 2002, 91, 7442.	1.1	4
100	Improvement of scanning probe microscopy local oxidation nanolithography. Journal of Vacuum Science & Technology B, 2009, 27, 948-952.	1.3	4
101	Energy harvesting derived from magnetization reversal in FeCoV wire. , 2012, , .		4
102	Surface Magnetization Reversal of Wiegand Wire Measured by the Magneto-Optical Kerr Effect. Materials, 2021, 14, 5417.	1.3	4
103	AC and DC magnetic softness enhanced dual-doped Fe^{3+} -Fe ₂ O ₃ nanoparticles for highly efficient cancer theranostics. Applied Materials Today, 2022, 28, 101533.	2.3	4
104	Magnetization reversal with domain-wall pinning in (Ga, Mn)As wire. IEEE Transactions on Magnetics, 2005, 41, 2742-2744.	1.2	3
105	pH- and thermoresponsive aggregation behavior of polymer-grafted magnetic nanoparticles. Polymer Journal, 2021, 53, 1011-1018.	1.3	3
106	Lattice vibration in alternating monolayers of ZnSe and ZnTe. Applied Physics Letters, 1993, 63, 3176-3178.	1.5	2
107	A novel behaviour of dynamic magnetization process in gold-plated CoFeSiB amorphous wires. IEEE Transactions on Magnetics, 1997, 33, 3361-3363.	1.2	2
108	Evaluation of equal error rate in document authentication system using magnetic fiber. , 2009, , .		2

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109	Eddy Current Defect Detection of Side Transverse Crack in Railhead by Integrating Experiment with Simulation. <i>Advanced Materials Research</i> , 2014, 875-877, 593-598.	0.3	2
110	Magnetization Characteristics of Oriented Single-Crystalline NiFe-Cu Nanocubes Precipitated in a Cu-Rich Matrix. <i>Molecules</i> , 2020, 25, 3282.	1.7	2
111	Specific Loss Power of Magnetic Particles for Hyperthermia Excited by Pancake-type Applicator. <i>IEEJ Transactions on Fundamentals and Materials</i> , 2017, 137, 476-480.	0.2	2
112	Magnetic Relaxation of Intracellular Magnetic Nanoparticles for Hyperthermia. <i>Critical Reviews in Biomedical Engineering</i> , 2019, 47, 489-494.	0.5	2
113	Long-range stray field mapping of statically magnetized nanoparticles using magnetoresistive sensor. <i>Journal of Applied Physics</i> , 2022, 131, 224902.	1.1	2
114	Dynamic magnetization process in FeCoSiB amorphous wire under trigonal magnetic field. <i>IEEE Transactions on Magnetics</i> , 1996, 32, 4992-4994.	1.2	1
115	A Possibility of Hyperthermia Treatment using MRI Equipment. , 2006, 2006, 6373-5.		1
116	Dependence of the LC Parameter on the Temperature Rise of a Resonant Circuit for Hyperthermia Implant. <i>IEEJ Transactions on Electrical and Electronic Engineering</i> , 2008, 3, 334-337.	0.8	1
117	AFM Nano-oxidation of NiFe Thin Films Capped with Al ₂ O ₃ Layers for Planar-type Tunnel Junction. <i>IEEJ Transactions on Electrical and Electronic Engineering</i> , 2008, 3, 382-385.	0.8	1
118	Quantitative Analysis of Transverse Cracking of Rail Using Eddy Current Non-Destructive Testing. <i>Applied Mechanics and Materials</i> , 0, 249-250, 70-75.	0.2	1
119	Direct live cell imaging using large-scale nanolaser array. , 2012, , .		1
120	Resonant circuits for thermal therapy excited by RF magnetic field from MRI. , 2012, , .		1
121	Label-free imaging of live cell using large-scale photonic crystal nanolaser array. <i>Proceedings of SPIE</i> , 2013, , .	0.8	1
122	Preparation of a Magnetic-responsive Polycation with a Tetrachloroferrate Anion. <i>Chemistry Letters</i> , 2017, 46, 1473-1475.	0.7	1
123	Image-Guided Therapy. , 2017, , 41-55.		1
124	Heat Control of Resonant Circuit using Ferrite-core for Hyperthermia Implant. <i>IEEJ Transactions on Fundamentals and Materials</i> , 2013, 133, 362-365.	0.2	1
125	Magnetic Nanogel-enabled Image-guided Therapy. <i>RSC Smart Materials</i> , 2017, , 109-127.	0.1	1
126	Characterization of galvanomagnetic electromotive force effect in NiFe thin films. <i>IEEJ Transactions on Fundamentals and Materials</i> , 1994, 114, 780-784.	0.2	0

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127	Calculation of Size Effect on Galvanomagnetic Electromotive Force Effect Using a Circuit-Array Model. Japanese Journal of Applied Physics, 1994, 33, 4891-4892.	0.8	0
128	Tunneling-type giant magnetoresistance of Fe-SiO ₂ granular thin films prepared by rf magnetron sputtering. , 2000, 4086, 344.		0
129	Generation and detection of magnetoelastic waves in partially annealed amorphous wires. IEEE Transactions on Magnetics, 2000, 36, 3627-3629.	1.2	0
130	Ferromagnetic Single-Electron Transistor with RC Gate. Materials Research Society Symposia Proceedings, 2002, 746, 1.	0.1	0
131	<title>Fabrication of magnetic nanostructures and devices by AFM nanolithography technique</title>. , 2004, , .		0
132	Magnetization Switching of Magnetic Submicron Structure Fabricated by Atomic Force Microscope. IEEJ Transactions on Electrical and Electronic Engineering, 2008, 3, 386-389.	0.8	0
133	Measurement of Reaction Current during Atomic Force Microscope Local Oxidation of Conductive Surfaces Capped with Insulating Layers. Japanese Journal of Applied Physics, 2008, 47, 768-770.	0.8	0
134	Local Oxidation Using Scanning Probe Microscope for Fabricating Magnetic Nanostructures. Journal of Nanoscience and Nanotechnology, 2010, 10, 4528-4532.	0.9	0
135	Magnetic characterization and self-heating of various magnetic nanoparticles for medical applications. , 2010, , .		0
136	Constriction of ferromagnetic patterned thin film by AFM scratch lithography. , 2010, , .		0
137	Resonant circuit as magnetic device for cancer therapy. Journal of Physics: Conference Series, 2011, 263, 012001.	0.3	0
138	Static and Dynamic Magnetic Properties of Intercellular Magnetic Nanoparticles for Biomedical Applications. , 2016, , .		0
139	Theoretical Study on Tunnel Magnetoresistance Oscillation Due to Coulomb Blockade in Nanoscale Magnetic Tunnel Junction. Materials Research Society Symposia Proceedings, 2003, 776, 11181.	0.1	0
140	Analysis of Document Authentication Technique using Soft Magnetic Fibers. IEEJ Transactions on Fundamentals and Materials, 2006, 126, 269-275.	0.2	0
141	Magnetic Relaxation of Magnetic Nanoparticles Dispersed in Solution under High Frequency Magnetic Field. IEEJ Transactions on Fundamentals and Materials, 2012, 132, 813-817.	0.2	0
142	Structural Analysis of ZnSe-ZnTe Short-Period Superlattice by Raman Scattering Spectroscopy. IEEJ Transactions on Fundamentals and Materials, 1993, 113, 749-754.	0.2	0
143	Evaluation of Harmonic Signals Derived From Multiple Spatially Separated Samples for Magnetic Particle Imaging. IEEE Transactions on Magnetics, 2022, 58, 1-5.	1.2	0
144	A Possibility of Hyperthermia Treatment using MRI Equipment. Annual International Conference of the IEEE Engineering in Medicine and Biology Society, 2006, , .	0.5	0