Yasushi Takemura

List of Publications by Year
in descending order

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144	2,379	236925	265206
papers	citations	25 h-index	42 g-index

146	146	146	2835
all docs	docs citations	times ranked	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.	2.3	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.	2.3	112
3	Giant Magnetic Heat Induction of Magnesiumâ€Doped Î³â€Fe₂O₃ Superparamagnetic Nanoparticles for Completely Killing Tumors. Advanced Materials, 2018, 30, 1704362.	21.0	99
4	Effects of particle dipole interaction on the ac magnetically induced heating characteristics of ferrite nanoparticles for hyperthermia. Applied Physics Letters, 2009, 95, .	3.3	85
5	Magnetic characterization of surface-coated magnetic nanoparticles for biomedical application. Journal of Magnetism and Magnetic Materials, 2011, 323, 1398-1403.	2.3	85
6	Characterization of NÃ©el and Brownian Relaxations Isolated from Complex Dynamics Influenced by Dipole Interactions in Magnetic Nanoparticles. Journal of Physical Chemistry C, 2019, 123, 28859-28866.	3.1	84
7	Applications of NiFe2O4 nanoparticles for a hyperthermia agent in biomedicine. Applied Physics Letters, 2006, 89, 252503.	3.3	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.	2.0	78
9	Physical limits of pure superparamagnetic Fe3O4 nanoparticles for a local hyperthermia agent in nanomedicine. Applied Physics Letters, 2012, 100, .	3.3	71
10	Development of magneto-plasmonic nanoparticles for multimodal image-guided therapy to the brain. Nanoscale, 2017, 9, 764-773.	5.6	62
11	Hybrid magneto-plasmonic liposomes for multimodal image-guided and brain-targeted HIV treatment. Nanoscale, 2018, 10, 184-194.	5.6	61
12	Magneto-plasmonic nanostars for image-guided and NIR-triggered drug delivery. Scientific Reports, 2020, 10, 10115.	3.3	49
13	Atomic layer epitaxial growth of ZnSe, ZnTe, and ZnSeâ€ZnTe strainedâ€layer superlattices. Journal of Applied Physics, 1989, 66, 2597-2602.	2.5	46
14	Dependence of Frequency and Magnetic Field on Self-Heating Characteristics of NiFe$_2$O$_4$Nanoparticles for Hyperthermia. IEEE Transactions on Magnetics, 2006, 42, 3566-3568.	2.1	44
15	Heat dissipation and magnetic properties of surface-coated Fe3O4 nanoparticles for biomedical applications. Journal of Magnetism and Magnetic Materials, 2012, 324, 3437-3442.	2.3	43
16	Hyperthermia and chemotherapy using Fe(Salen) nanoparticles might impact glioblastoma treatment. Scientific Reports, 2017, 7, 42783.	3.3	42
17	Enhanced specific loss power from ResovistÂ® achieved by aligning magnetic easy axes of nanoparticles for hyperthermia. Journal of Magnetism and Magnetic Materials, 2019, 473, 148-154.	2.3	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.	4.1	36

#	Article	IF	Citations
19	Dynamic magnetic characterization and magnetic particle imaging enhancement of magnetic-gold coreâ€“shell nanoparticles. Nanoscale, 2019, 11, 6489-6496.	5.6	36
20	Magnetic Nanoparticle Hyperthermia Using Pluronic-Coated Nanoparticles: AnIn VitroStudy. Journal of Nanomaterials, 2012, 2012, 1-5.	2.7	33
21	Dipole-dipole interaction and its concentration dependence of magnetic fluid evaluated by alternating current hysteresis measurement. Journal of Applied Physics, 2015, 117, .	2.5	32
22	Effects of size and anisotropy of magnetic nanoparticles associated with dynamics of easy axis for magnetic particle imaging. Journal of Magnetism and Magnetic Materials, 2019, 474, 311-318.	2.3	29
23	Evaluation of Magnetic and Thermal Properties of Ferrite Nanoparticles for Biomedical Applications. Journal of Magnetics, 2011, 16, 164-168.	0.4	29
24	Batteryless Hall Sensor Operated by Energy Harvesting From a Single Wiegand Pulse. IEEE Transactions on Magnetics, 2017, 53, 1-6.	2.1	27
25	Atomic layer epitaxy of ZnSe-ZnTe strained layer superlattices. Journal of Crystal Growth, 1989, 95, 580-583.	1.5	26
26	Magnetization and self-heating temperature of NiFe₂O₄nanoparticles measured by applying ac magnetic field. Journal of Physics: Conference Series, 2010, 200, 122010.	0.4	26
27	Quantitation method of loss powers using commercial magnetic nanoparticles based on superparamagnetic behavior influenced by anisotropy for hyperthermia. Journal of Magnetism and Magnetic Materials, 2021, 538, 168313.	2.3	26
28	Two-step relaxation process of colloidal magnetic nanoclusters under pulsed fields. Applied Physics Express, 2018, 11, 075001.	2.4	25
29	Effects of Mn concentration on the ac magnetically induced heating characteristics of superparamagnetic MnxZn1â^'xFe2O4 nanoparticles for hyperthermia. Applied Physics Letters, 2010, 96, .	3.3	24
30	Self-Heating Temperature and AC Hysteresis of Magnetic Iron Oxide Nanoparticles and Their Dependence on Secondary Particle Size. IEEE Transactions on Magnetics, 2013, 49, 240-243.	2.1	22
31	Evaluation of easy-axis dynamics in a magnetic fluid by measurement and analysis of the magnetization curve in an alternating magnetic field. Applied Physics Express, 2017, 10, 085001.	2.4	22
32	Wide bandgap IIâ€“VI compound semiconductor superlattices grown by metalorganic molecular beam epitaxy. Journal of Crystal Growth, 1988, 93, 720-725.	1.5	21
33	Magnetic nanostructures fabricated by the atomic force microscopy nano-lithography technique. Nanotechnology, 2004, 15, S566-S569.	2.6	21
34	Hyperthermia Using Antibody-Conjugated Magnetic Nanoparticles and Its Enhanced Effect with Cryptotanshinone. Nanomaterials, 2014, 4, 319-330.	4.1	21
35	Magnetization Reversal and Specific Loss Power of Magnetic Nanoparticles in Cellular Environment Evaluated by AC Hysteresis Measurement. Journal of Nanomaterials, 2015, 2015, 1-8.	2.7	21
36	Ferromagnetic Ultra-Small Tunnel Junction Devices Fabricated by Scanning Probe Microscope (SPM) Local Oxidation. IEEE Transactions on Magnetics, 2004, 40, 2640-2642.	2.1	20

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37	Pleiotropic functions of magnetic nanoparticles for ex vivo gene transfer. Nanomedicine: Nanotechnology, Biology, and Medicine, 2014, 10, 1165-1174.	3.3	20
38	Self-Heating Property of Magnetite Nanoparticles Dispersed in Solution. IEEE Transactions on Magnetics, 2011, 47, 4151-4154.	2.1	19
39	Study on increase in temperature of Coâ€“Ti ferrite nanoparticles for magnetic hyperthermia treatment. Thermochimica Acta, 2012, 532, 123-126.	2.7	19
40	Living-cell imaging using a photonic crystal nanolaser array. Optics Express, 2015, 23, 17056.	3.4	19
41	Self-Limiting Growth in Atomic Layer Epitaxy of ZnTe. Japanese Journal of Applied Physics, 1991, 30, L246-L248.	1.5	17
42	Physical Parameters to Enhance AC Magnetically Induced Heating Power of Ferrite Nanoparticles for Hyperthermia in Nanomedicine. IEEE Nanotechnology Magazine, 2013, 12, 314-322.	2.0	17
43	Power dissipation in magnetic nanoparticles evaluated using the AC susceptibility of their linear and nonlinear responses. Journal of Magnetism and Magnetic Materials, 2021, 517, 167401.	2.3	17
44	Transfection efficiency influenced by aggregation of DNA/polyethylenimine max/magnetic nanoparticle complexes. Journal of Nanoparticle Research, 2013, 15, 1.	1.9	16
45	Layer-by-layer assembled magnetic prednisolone microcapsules (MPC) for controlled and targeted drug release at rheumatoid arthritic joints. Journal of Magnetism and Magnetic Materials, 2017, 427, 258-267.	2.3	16
46	Applied voltage dependence of nano-oxidation of ferromagnetic thin films using atomic force microscope. Journal of Applied Physics, 2003, 93, 7346-7348.	2.5	15
47	Resonant circuits for hyperthermia excited by RF magnetic field of MRI. IEEE Transactions on Magnetics, 2005, 41, 3673-3675.	2.1	15
48	Magnetic Properties, Self-Temperature Rising Characteristics, and Biocompatibility of NiFe$_2$O$_4$Nanoparticles for Hyperthermia Applications. IEEE Transactions on Magnetics, 2006, 42, 2833-2835.	2.1	14
49	Variation of Magnetic Particle Imaging Tracer Performance With Amplitude and Frequency of the Applied Magnetic Field. IEEE Transactions on Magnetics, 2015, 51, 1-4.	2.1	14
50	Circuit Parameters of a Receiver Coil Using a Wiegand Sensor for Wireless Power Transmission. Sensors, 2019, 19, 2710.	3.8	14
51	Optical properties of ZnSeî—¸ZnTe strained layer superlattices prepared by atomic layer epitaxy. Journal of Crystal Growth, 1990, 101, 81-85.	1.5	13
52	Tunnel magnetoresistance on ferromagnetic single-electron transistors with multiple tunnel junction. Journal of Applied Physics, 2001, 89, 7365-7367.	2.5	13
53	Effective excitation by single magnet in rotation sensor and domain wall displacement of FeCoV wire. Journal of Applied Physics, 2011, 109, 07E531.	2.5	13
54	NiFe-Based Nanostructures Fabricated Using an Atomic Force Microscope. Japanese Journal of Applied Physics, 2000, 39, L1292-L1293.	1.5	12

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55	Output Characteristics and Circuit Modeling of Wiegand Sensor. Sensors, 2019, 19, 2991.	3.8	12
56	Improvement of Pulse Voltage Generated by Wiegand Sensor Through Magnetic-Flux Guidance. Sensors, 2020, 20, 1408.	3.8	12
57	Structural and magnetic properties of FexSey thin films during their selenization process. Journal of Applied Physics, 1998, 83, 6533-6535.	2.5	11
58	Fabrication of Zero-Speed Sensor Using Weakly Coupled NiFe/CoFe Multilayer Films. IEEE Transactions on Magnetics, 2004, 40, 2667-2669.	2.1	11
59	Constant Velocity of Domain Wall Propagation Independent of Applied Field Strength in Vicalloy Wire. IEEE Transactions on Magnetics, 2007, 43, 2397-2399.	2.1	11
60	Multiple signal transmission in wide-range position sensor using magnetoelastic wave in FeSiB amorphous wire. IEEE Transactions on Magnetics, 1995, 31, 3155-3157.	2.1	10
61	Frequency dependence of output voltage generated from bundled compound magnetic wires. IEEE Transactions on Magnetics, 2001, 37, 2862-2864.	2.1	10
62	Magnetoresistance effect of planar-type ferromagnetic tunnel junctions. Journal of Applied Physics, 2006, 99, 08T312.	2.5	10
63	Control of Demagnetizing Field and Magnetostatic Coupling in FeCoV Wires for Zero-Speed Sensor. IEEE Transactions on Magnetics, 2006, 42, 3300-3302.	2.1	10
64	Effective NÃ©el relaxation time constant and intrinsic dipolar magnetism in a multicore magnetic nanoparticle system. Journal of Applied Physics, 2021, 130, .	2.5	10
65	High-Frequency NÃ©el Relaxation Response for Submillimeter Magnetic Particle Imaging Under Low Field Gradient. Physical Review Applied, 2020, 14, .	3.8	10
66	SPM fabrication of nanometerscale ferromagnetic metal-oxide devices. Journal of Magnetism and Magnetic Materials, 2004, 272-276, 1581-1583.	2.3	9
67	Cell imaging using GaInAsP semiconductor photoluminescence. Optics Express, 2016, 24, 11232.	3.4	9
68	Harmonic decomposition of magneto-optical signal from suspensions of superparamagnetic nanoparticles. Journal of Magnetism and Magnetic Materials, 2018, 451, 248-253.	2.3	9
69	Magnetic particle imaging using linear magnetization response-driven harmonic signal of magnetoresistive sensor. Applied Physics Express, 2021, 14, 095001.	2.4	9
70	Magnetoliposomes in Controlled-Release Drug Delivery Systems. Critical Reviews in Biomedical Engineering, 2019, 47, 495-505.	0.9	9
71	Self-limiting growth with 0.5 monolayer per cycle in atomic layer epitaxy of ZnTe. Journal of Crystal Growth, 1992, 117, 144-147.	1.5	8
72	Dependence of magnetization dynamics and magneto-impedance effect in FeSiB amorphous wire on annealing conditions. IEEE Transactions on Magnetics, 1996, 32, 4947-4949.	2.1	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.	2.3	8
74	Implant hyperthermia resonant circuit produces heat in response to MRI unit radiofrequency pulses. British Journal of Radiology, 2008, 81, 69-72.	2.2	8
75	High intrinsic loss power of multicore magnetic nanoparticles with blood-pooling property for hyperthermia. AIP Advances, 2019, 9, .	1.3	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.	5.4	8
77	(ZnSe)m-(ZnTe)n short-period strained layer superlattices prepared by atomic layer epitaxy. Journal of Crystal Growth, 1991, 111, 802-806.	1.5	7
78	Planar-type Ferromagnetic Tunnel Junctions Fabricated by Atomic Force Microscope for Nonvolatile Memory. Japanese Journal of Applied Physics, 2001, 40, 128-129.	1.5	7
79	Direct Modification of Magnetic Domains in Co Nanostructures by Atomic Force Microscope Lithography. Japanese Journal of Applied Physics, 2005, 44, L285-L287.	1.5	7
80	Output Properties of Zero-Speed Sensors Using FeCoV Wire and NiFe/CoFe Multilayer Thin Film. IEEE Sensors Journal, 2006, 6, 1186-1190.	4.7	7
81	Planar-type ferromagnetic tunnel junctions fabricated by SPM local oxidation. Journal of Magnetism and Magnetic Materials, 2007, 310, e641-e643.	2.3	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.	1.5	7
83	Complex Magnetization Harmonics of Polydispersive Magnetic Nanoclusters. Nanomaterials, 2018, 8, 424.	4.1	7
84	Modulating relaxation responses of magnetic nanotracers for submillimeter imaging. Applied Physics Letters, 2019, 115, .	3.3	7
85	Magnetic Reversal in Wiegand Wires Evaluated by First-Order Reversal Curves. Materials, 2021, 14, 3868.	2.9	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.	5.6	7
87	Hyperthermia Implant Consisting of Resonant Circuit Delivered to Tumor Through 18 G Needle. IEEE Transactions on Magnetics, 2011, 47, 2887-2889.	2.1	6
88	Self-Oscillating Boost Converter of Wiegand Pulse Voltage for Self-Powered Modules. Energies, 2021, 14, 5373.	3.1	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.	2.3	6
90	Atomic layer epitaxy of nitrogen-doped ZnSe. Journal of Electronic Materials, 1993, 22, 437-440.	2.2	5

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91	RC-coupled ferromagnetic single-electron transistors. Journal of Applied Physics, 2003, 93, 6873-6875.	2.5	5
92	Modification of Electrical Properties and Magnetic Domain Structures in Magnetic Nanostructures by AFM Nanolithography. Advanced Engineering Materials, 2005, 7, 170-173.	3.5	5
93	Magnetoresistance 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.	0.4	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.	2.3	5
97	Single-Bit, Self-Powered Digital Counter Using a Wiegand Sensor for Rotary Applications. Sensors, 2020, 20, 3840.	3.8	5
98	Second harmonic response of magnetic nanoparticles under parallel static field and perpendicular oscillating field for magnetic particle imaging. AIP Advances, 2020, 10, .	1.3	5
99	Resistively coupled ferromagnetic single-electron transistors. Journal of Applied Physics, 2002, 91, 7442.	2.5	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.	2.9	4
103	AC and DC magnetic softness enhanced dual-doped Î³-Fe2O3 nanoparticles for highly efficient cancer theranostics. Applied Materials Today, 2022, 28, 101533.	4.3	4
104	Magnetization reversal with domain-wall pinning in (Ga, Mn)As wire. IEEE Transactions on Magnetics, 2005, 41, 2742-2744.	2.1	3
105	pH- and thermoresponsive aggregation behavior of polymer-grafted magnetic nanoparticles. Polymer Journal, 2021, 53, 1011-1018.	2.7	3
106	Lattice vibration in alternating monolayers of ZnSe and ZnTe. Applied Physics Letters, 1993, 63, 3176-3178.	3.3	2
107	A novel behaviour of dynamic magnetization process in gold-plated CoFeSiB amorphous wires. IEEE Transactions on Magnetics, 1997, 33, 3361-3363.	2.1	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. Advanced Materials Research, 2014, 875-877, 593-598.	0.3	2
110	Magnetization Characteristics of Oriented Single-Crystalline NiFe-Cu Nanocubes Precipitated in a Cu-Rich Matrix. Molecules, 2020, 25, 3282.	3.8	2
111	Specific Loss Power of Magnetic Particles for Hyperthermia Excited by Pancake-type Applicator. IEEJ Transactions on Fundamentals and Materials, 2017, 137, 476-480.	0.2	2
112	Magnetic Relaxation of Intracellular Magnetic Nanoparticles for Hyperthermia. Critical Reviews in Biomedical Engineering, 2019, 47, 489-494.	0.9	2
113	Long-range stray field mapping of statically magnetized nanoparticles using magnetoresistive sensor. Journal of Applied Physics, 2022, 131, 224902.	2.5	2
114	Dynamic magnetization process in FeCoSiB amorphous wire under trigonal magnetic field. IEEE Transactions on Magnetics, 1996, 32, 4992-4994.	2.1	1
115	A Possibility of Hyperthermia Treatment using MRI Equipment. , 2006, 2006, 6373-5.		1
116	Dependence of theLC Parameter on the Temperature Rise of a Resonant Circuit for Hyperthermia Implant. IEEJ Transactions on Electrical and Electronic Engineering, 2008, 3, 334-337.	1.4	1
117	AFM Nanoâ€oxidation of NiFe Thin Films Capped with Alâ€Oxide Layers for Planarâ€type Tunnel Junction. IEEJ Transactions on Electrical and Electronic Engineering, 2008, 3, 382-385.	1.4	1
118	Quantitative Analysis of Transverse Cracking of Rail Using Eddy Current Non-Destructive Testing. Applied Mechanics and Materials, 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. Proceedings of SPIE, 2013, , .	0.8	1
122	Preparation of a Magnetic-responsive Polycation with a Tetrachloroferrate Anion. Chemistry Letters, 2017, 46, 1473-1475.	1.3	1
123	Image-Guided Therapy. , 2017, , 41-55.		1
124	Heat Control of Resonant Circuit using Ferrite-core for Hyperthermia Implant. IEEJ Transactions on Fundamentals and Materials, 2013, 133, 362-365.	0.2	1
125	Magnetic Nanogel-enabled Image-guided Therapy. RSC Smart Materials, 2017, , 109-127.	0.1	1
126	Characterization of galvanomagnetic electromotive force effect in NiFe thin films. IEEJ Transactions on Fundamentals and Materials, 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.	1.5	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.	2.1	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.	1.4	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.	1.5	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.	0.4	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.	2.1	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