# 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 | 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 |
| 2 | 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 |
| 3 | 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 |
| 4 | Long-range stray field mapping of statically magnetized nanoparticles using magnetoresistive sensor. Journal of Applied Physics, 2022, 131, 224902. | 2.5 | 2 |
| 5 | 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 |
| 6 | pH- and thermoresponsive aggregation behavior of polymer-grafted magnetic nanoparticles. Polymer Journal, 2021, 53, 1011-1018. | 2.7 | 3 |
| 7 | Magnetic Reversal in Wiegand Wires Evaluated by First-Order Reversal Curves. Materials, 2021, 14, 3868. | 2.9 | 7 |
| 8 | Magnetic particle imaging using linear magnetization response-driven harmonic signal of magnetoresistive sensor. Applied Physics Express, 2021, 14, 095001. | 2.4 | 9 |
| 9 | Self-Oscillating Boost Converter of Wiegand Pulse Voltage for Self-Powered Modules. Energies, 2021, 14, 5373. | 3.1 | 6 |
| 10 | 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 |
| 11 | Surface Magnetization Reversal of Wiegand Wire Measured by the Magneto-Optical Kerr Effect. Materials, 2021, 14, 5417. | 2.9 | 4 |
| 12 | 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 |
| 13 | 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 |
| 14 | 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 |
| 15 | Single-Bit, Self-Powered Digital Counter Using a Wiegand Sensor for Rotary Applications. Sensors, 2020, 20, 3840. | 3.8 | 5 |
| 16 | Magnetization Characteristics of Oriented Single-Crystalline NiFe-Cu Nanocubes Precipitated in a Cu-Rich Matrix. Molecules, 2020, 25, 3282. | 3.8 | 2 |
| 17 | Improvement of Pulse Voltage Generated by Wiegand Sensor Through Magnetic-Flux Guidance. Sensors, 2020, 20, 1408. | 3.8 | 12 |
| 18 | Magneto-plasmonic nanostars for image-guided and NIR-triggered drug delivery. Scientific Reports, 2020, 10, 10115. | 3.3 | 49 |

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| 19 | 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 |
| 20 | High-Frequency NÃ©el Relaxation Response for Submillimeter Magnetic Particle Imaging Under Low Field Gradient. Physical Review Applied, 2020, 14, . | 3.8 | 10 |
| 21 | Output Characteristics and Circuit Modeling of Wiegand Sensor. Sensors, 2019, 19, 2991. | 3.8 | 12 |
| 22 | 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 |
| 23 | Modulating relaxation responses of magnetic nanotracers for submillimeter imaging. Applied Physics Letters, 2019, 115, . | 3.3 | 7 |
| 24 | Circuit Parameters of a Receiver Coil Using a Wiegand Sensor for Wireless Power Transmission. Sensors, 2019, 19, 2710. | 3.8 | 14 |
| 25 | High intrinsic loss power of multicore magnetic nanoparticles with blood-pooling property for hyperthermia. AIP Advances, 2019, 9, . | 1.3 | 8 |
| 26 | Dynamic magnetic characterization and magnetic particle imaging enhancement of magnetic-gold coreâ€“shell nanoparticles. Nanoscale, 2019, 11, 6489-6496. | 5.6 | 36 |
| 27 | Dipolar field-induced asymmetric magnetization hysteresis of immobile superparamagnetic nanoclusters. Journal of Magnetism and Magnetic Materials, 2019, 480, 132-137. | 2.3 | 5 |
| 28 | 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 |
| 29 | 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 |
| 30 | Magnetoliposomes in Controlled-Release Drug Delivery Systems. Critical Reviews in Biomedical Engineering, 2019, 47, 495-505. | 0.9 | 9 |
| 31 | Magnetic Relaxation of Intracellular Magnetic Nanoparticles for Hyperthermia. Critical Reviews in Biomedical Engineering, 2019, 47, 489-494. | 0.9 | 2 |
| 32 | Harmonic decomposition of magneto-optical signal from suspensions of superparamagnetic nanoparticles. Journal of Magnetism and Magnetic Materials, 2018, 451, 248-253. | 2.3 | 9 |
| 33 | Giant Magnetic Heat Induction of Magnesiumâ€Doped Î³â€Fe<sub>2</sub>O<sub>3</sub> Superparamagnetic Nanoparticles for Completely Killing Tumors. Advanced Materials, 2018, 30, 1704362. | 21.0 | 99 |
| 34 | Hybrid magneto-plasmonic liposomes for multimodal image-guided and brain-targeted HIV treatment. Nanoscale, 2018, 10, 184-194. | 5.6 | 61 |
| 35 | Two-step relaxation process of colloidal magnetic nanoclusters under pulsed fields. Applied Physics Express, 2018, 11, 075001. | 2.4 | 25 |
| 36 | Complex Magnetization Harmonics of Polydispersive Magnetic Nanoclusters. Nanomaterials, 2018, 8, 424. | 4.1 | 7 |

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| 37 | Hyperthermia and chemotherapy using Fe(Salen) nanoparticles might impact glioblastoma treatment. Scientific Reports, 2017, 7, 42783. | 3.3 | 42 |
| 38 | Preparation of a Magnetic-responsive Polycation with a Tetrachloroferrate Anion. Chemistry Letters, 2017, 46, 1473-1475. | 1.3 | 1 |
| 39 | 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 |
| 40 | Image-Guided Therapy. , 2017, , 41-55. | | 1 |
| 41 | Batteryless Hall Sensor Operated by Energy Harvesting From a Single Wiegand Pulse. IEEE Transactions on Magnetics, 2017, 53, 1-6. | 2.1 | 27 |
| 42 | Development of magneto-plasmonic nanoparticles for multimodal image-guided therapy to the brain. Nanoscale, 2017, 9, 764-773. | 5.6 | 62 |
| 43 | 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 |
| 44 | 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 |
| 45 | Magnetic Nanogel-enabled Image-guided Therapy. RSC Smart Materials, 2017, , 109-127. | 0.1 | 1 |
| 46 | 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 |
| 47 | Static and Dynamic Magnetic Properties of Intercellular Magnetic Nanoparticles for Biomedical Applications. , 2016, , . | | 0 |
| 48 | Cell imaging using GaInAsP semiconductor photoluminescence. Optics Express, 2016, 24, 11232. | 3.4 | 9 |
| 49 | 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 |
| 50 | 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 |
| 51 | 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 |
| 52 | Living-cell imaging using a photonic crystal nanolaser array. Optics Express, 2015, 23, 17056. | 3.4 | 19 |
| 53 | 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 |
| 54 | Hyperthermia Using Antibody-Conjugated Magnetic Nanoparticles and Its Enhanced Effect with Cryptotanshinone. Nanomaterials, 2014, 4, 319-330. | 4.1 | 21 |

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| 55 | Pleiotropic functions of magnetic nanoparticles for ex vivo gene transfer. Nanomedicine: Nanotechnology, Biology, and Medicine, 2014, 10, 1165-1174. | 3.3 | 20 |
| 56 | Transfection efficiency influenced by aggregation of DNA/polyethylenimine max/magnetic nanoparticle complexes. Journal of Nanoparticle Research, 2013, 15, 1. | 1.9 | 16 |
| 57 | 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 |
| 58 | 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 |
| 59 | Label-free imaging of live cell using large-scale photonic crystal nanolaser array. Proceedings of SPIE, 2013, , . | 0.8 | 1 |
| 60 | Heat Control of Resonant Circuit using Ferrite-core for Hyperthermia Implant. IEEJ Transactions on Fundamentals and Materials, 2013, 133, 362-365. | 0.2 | 1 |
| 61 | Magnetic Nanoparticle Hyperthermia Using Pluronic-Coated Nanoparticles: AnIn VitroStudy. Journal of Nanomaterials, 2012, 2012, 1-5. | 2.7 | 33 |
| 62 | Energy harvesting derived from magnetization reversal in FeCoV wire. , 2012, , . | | 4 |
| 63 | Physical limits of pure superparamagnetic Fe3O4 nanoparticles for a local hyperthermia agent in nanomedicine. Applied Physics Letters, 2012, 100, . | 3.3 | 71 |
| 64 | Direct live cell imaging using large-scale nanolaser array. , 2012, , . | | 1 |
| 65 | Resonant circuits for thermal therapy excited by RF magnetic field from MRI. , 2012, , . | | 1 |
| 66 | 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 |
| 67 | Study on increase in temperature of Coâ€“Ti ferrite nanoparticles for magnetic hyperthermia treatment. Thermochimica Acta, 2012, 532, 123-126. | 2.7 | 19 |
| 68 | 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 |
| 69 | Resonant circuit as magnetic device for cancer therapy. Journal of Physics: Conference Series, 2011, 263, 012001. | 0.4 | 0 |
| 70 | 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 |
| 71 | Self-Heating Property of Magnetite Nanoparticles Dispersed in Solution. IEEE Transactions on Magnetics, 2011, 47, 4151-4154. | 2.1 | 19 |
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| 73 | Magnetic characterization of surface-coated magnetic nanoparticles for biomedical application. Journal of Magnetism and Magnetic Materials, 2011, 323, 1398-1403. | 2.3 | 85 |
| 74 | Fabrication of Ferromagnetic Nanoconstriction Using Atomic Force Microscopy Nanoscratching. Journal of Nanoscience and Nanotechnology, 2011, 11, 10945-10948. | 0.9 | 5 |
| 75 | Evaluation of Magnetic and Thermal Properties of Ferrite Nanoparticles for Biomedical Applications. Journal of Magnetics, 2011, 16, 164-168. | 0.4 | 29 |
| 76 | Local Oxidation Using Scanning Probe Microscope for Fabricating Magnetic Nanostructures. Journal of Nanoscience and Nanotechnology, 2010, 10, 4528-4532. | 0.9 | 0 |
| 77 | Magnetic characterization and self-heating of various magnetic nanoparticles for medical applications. , 2010, , . | | 0 |
| 78 | Constriction of ferromagnetic patterned thin film by AFM scratch lithography. , 2010, , . | | 0 |
| 79 | 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 |
| 80 | Magnetization and self-heating temperature of NiFe<sub>2</sub>O<sub>4</sub>nanoparticles measured by applying ac magnetic field. Journal of Physics: Conference Series, 2010, 200, 122010. | 0.4 | 26 |
| 81 | Improvement of scanning probe microscopy local oxidation nanolithography. Journal of Vacuum Science & Technology B, 2009, 27, 948-952. | 1.3 | 4 |
| 82 | 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 |
| 83 | 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 |
| 84 | 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 |
| 85 | Evaluation of equal error rate in document authentication system using magnetic fiber. , 2009, , . | | 2 |
| 86 | 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 |
| 87 | 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 |
| 88 | 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 |
| 89 | Implant hyperthermia resonant circuit produces heat in response to MRI unit radiofrequency pulses. British Journal of Radiology, 2008, 81, 69-72. | 2.2 | 8 |
| 90 | 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 |

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| 92 | 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 |
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| 97 | Applications of NiFe2O4 nanoparticles for a hyperthermia agent in biomedicine. Applied Physics Letters, 2006, 89, 252503. | 3.3 | 83 |
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| 101 | 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 |
| 102 | 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 |
| 103 | A Possibility of Hyperthermia Treatment using MRI Equipment. , 2006, 2006, 6373-5. | | 1 |
| 104 | Analysis of Document Authentication Technique using Soft Magnetic Fibers. IEEJ Transactions on Fundamentals and Materials, 2006, 126, 269-275. | 0.2 | 0 |
| 105 | A Possibility of Hyperthermia Treatment using MRI Equipment. Annual International Conference of the IEEE Engineering in Medicine and Biology Society, 2006, , . | 0.5 | 0 |
| 106 | Magnetization reversal with domain-wall pinning in (Ga, Mn)As wire. IEEE Transactions on Magnetics, 2005, 41, 2742-2744. | 2.1 | 3 |
| 107 | Resonant circuits for hyperthermia excited by RF magnetic field of MRI. IEEE Transactions on Magnetics, 2005, 41, 3673-3675. | 2.1 | 15 |
| 108 | Modification of Electrical Properties and Magnetic Domain Structures in Magnetic Nanostructures by AFM Nanolithography. Advanced Engineering Materials, 2005, 7, 170-173. | 3.5 | 5 |

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| 109 | 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 |
| 110 | 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 |
| 111 | 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 |
| 112 | Fabrication of Zero-Speed Sensor Using Weakly Coupled NiFe/CoFe Multilayer Films. IEEE Transactions on Magnetics, 2004, 40, 2667-2669. | 2.1 | 11 |
| 113 | SPM fabrication of nanometerscale ferromagnetic metal-oxide devices. Journal of Magnetism and Magnetic Materials, 2004, 272-276, 1581-1583. | 2.3 | 9 |
| 114 | Magnetic nanostructures fabricated by the atomic force microscopy nano-lithography technique. Nanotechnology, 2004, 15, S566-S569. | 2.6 | 21 |
| 115 | <title>Fabrication of magnetic nanostructures and devices by AFM nanolithography technique</title>. , 2004, , . | | 0 |
| 116 | RC-coupled ferromagnetic single-electron transistors. Journal of Applied Physics, 2003, 93, 6873-6875. | 2.5 | 5 |
| 117 | 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 |
| 118 | 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 |
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| 120 | Ferromagnetic Single-Electron Transistor with RC Gate. Materials Research Society Symposia Proceedings, 2002, 746, 1. | 0.1 | 0 |
| 121 | Tunnel magnetoresistance on ferromagnetic single-electron transistors with multiple tunnel junction. Journal of Applied Physics, 2001, 89, 7365-7367. | 2.5 | 13 |
| 122 | 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 |
| 123 | Frequency dependence of output voltage generated from bundled compound magnetic wires. IEEE Transactions on Magnetics, 2001, 37, 2862-2864. | 2.1 | 10 |
| 124 | Tunneling-type giant magnetoresistance of Fe-SiO 2 granular thin films prepared by rf magnetron sputtering. , 2000, 4086, 344. | | 0 |
| 125 | Generation and detection of magnetoelastic waves in partially annealed amorphous wires. IEEE Transactions on Magnetics, 2000, 36, 3627-3629. | 2.1 | 0 |
| 126 | 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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| 127 | Structural and magnetic properties of FexSey thin films during their selenization process. Journal of Applied Physics, 1998, 83, 6533-6535. | 2.5 | 11 |
| 128 | A novel behaviour of dynamic magnetization process in gold-plated CoFeSiB amorphous wires. IEEE Transactions on Magnetics, 1997, 33, 3361-3363. | 2.1 | 2 |
| 129 | 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 |
| 130 | Dynamic magnetization process in FeCoSiB amorphous wire under trigonal magnetic field. IEEE Transactions on Magnetics, 1996, 32, 4992-4994. | 2.1 | 1 |
| 131 | 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 |
| 132 | Characterization of galvanomagnetic electromotive force effect in NiFe thin films. IEEJ Transactions on Fundamentals and Materials, 1994, 114, 780-784. | 0.2 | 0 |
| 133 | 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 |
| 134 | Atomic layer epitaxy of nitrogen-doped ZnSe. Journal of Electronic Materials, 1993, 22, 437-440. | 2.2 | 5 |
| 135 | Lattice vibration in alternating monolayers of ZnSe and ZnTe. Applied Physics Letters, 1993, 63, 3176-3178. | 3.3 | 2 |
| 136 | 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 |
| 137 | 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 |
| 138 | (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 |
| 139 | Self-Limiting Growth in Atomic Layer Epitaxy of ZnTe. Japanese Journal of Applied Physics, 1991, 30, L246-L248. | 1.5 | 17 |
| 140 | Optical properties of ZnSeî—¸ZnTe strained layer superlattices prepared by atomic layer epitaxy. Journal of Crystal Growth, 1990, 101, 81-85. | 1.5 | 13 |
| 141 | Atomic layer epitaxial growth of ZnSe, ZnTe, and ZnSeâ€ZnTe strainedâ€layer superlattices. Journal of Applied Physics, 1989, 66, 2597-2602. | 2.5 | 46 |
| 142 | Atomic layer epitaxy of ZnSe-ZnTe strained layer superlattices. Journal of Crystal Growth, 1989, 95, 580-583. | 1.5 | 26 |
| 143 | Wide bandgap IIâ€“VI compound semiconductor superlattices grown by metalorganic molecular beam epitaxy. Journal of Crystal Growth, 1988, 93, 720-725. | 1.5 | 21 |
| 144 | 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 |