

# Akinobu Yamaguchi

## List of Publications by Year in descending order

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147  
papers

2,135  
citations

394421

19  
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243625

44  
g-index

150  
all docs

150  
docs citations

150  
times ranked

1746  
citing authors

#	ARTICLE	IF	CITATIONS
1	Real-Space Observation of Current-Driven Domain Wall Motion in Submicron Magnetic Wires. <i>Physical Review Letters</i> , 2004, 92, 077205.	7.8	883
2	Effect of Joule heating in current-driven domain wall motion. <i>Applied Physics Letters</i> , 2005, 86, 012511.	3.3	148
3	Rectification of radio frequency current in ferromagnetic nanowire. <i>Applied Physics Letters</i> , 2007, 90, 182507.	3.3	64
4	Activation of adenylate cyclase by islet amyloid polypeptide with COOH-terminal amide via calcitonin gene-related peptide receptors on rat liver plasma membranes. <i>Diabetes</i> , 1990, 39, 875-877.	0.6	61
5	Broadband ferromagnetic resonance of $Ni$ using a rectifying effect. <i>Physical Review B</i> , 2008, 78, .	3.2	50
6	Inhibitory effect of edible plant extracts on 12-O-tetradecanoylphorbol-13-acetate-induced ear oedema in mice. <i>Phytotherapy Research</i> , 1993, 7, 185-189.	5.8	48
7	Reduction of Threshold Current Density for Current-Driven Domain Wall Motion using Shape Control. <i>Japanese Journal of Applied Physics</i> , 2006, 45, 3850-3853.	1.5	40
8	Surface-enhanced Raman spectroscopy using a coffee-ring-type three-dimensional silver nanostructure. <i>RSC Advances</i> , 2015, 5, 1378-1384.	3.6	33
9	Magnetic and Electrical Properties in a Dense Kondo Compound PrSn <sub>3</sub> . <i>Journal of the Physical Society of Japan</i> , 2000, 69, 3983-3995.	1.6	31
10	Electric spectroscopy of vortex states and dynamics in magnetic disks. <i>Physical Review B</i> , 2011, 84, .	3.2	31
11	Dielectrophoresis-enabled surface enhanced Raman scattering on gold-decorated polystyrene microparticle in micro-optofluidic devices for high-sensitive detection. <i>Sensors and Actuators B: Chemical</i> , 2016, 230, 94-100.	7.8	27
12	Direct effects of protein S in ameliorating acute lung injury. <i>Journal of Thrombosis and Haemostasis</i> , 2009, 7, 2053-2063.	3.8	25
13	Anomalous Hall voltage rectification and quantized spin-wave excitation induced by simultaneous application of dc and rf currents in a single-layered $Ni$ wire. <i>Physical Review B</i> , 2009, 79, .	3.2	23
14	Temperature dependence of growth rate for diamonds grown using a hot filament assisted chemical vapor deposition method at low substrate temperatures. <i>Applied Physics Letters</i> , 1994, 64, 1306-1308.	3.3	22
15	Anisotropic pyrochemical microetching of poly(tetrafluoroethylene) initiated by synchrotron radiation-induced scission of molecule bonds. <i>Applied Physics Letters</i> , 2016, 108, .	3.3	22
16	Synthesis of metallic nanoparticles through X-ray radiolysis using synchrotron radiation. <i>Japanese Journal of Applied Physics</i> , 2016, 55, 055502.	1.5	21
17	Self-homodyne rf demodulator using a ferromagnetic nanowire. <i>Applied Physics Letters</i> , 2007, 90, 212505.	3.3	20
18	Surface-enhanced Raman scattering active gold nanostructure fabricated by photochemical reaction of synchrotron radiation. <i>Materials Chemistry and Physics</i> , 2015, 160, 205-211.	4.0	19

#	ARTICLE	IF	CITATIONS
19	Dependence of Gilbert damping constant on microstructure in nanocrystalline YIG coatings prepared by co-precipitation and spin-coating on a Si substrate. <i>Journal of Magnetism and Magnetic Materials</i> , 2020, 513, 167253.	2.3	19
20	Optofluidic Devices with Surface-Enhanced Raman Scattering Active Three-Dimensional Gold Nanostructure. <i>Japanese Journal of Applied Physics</i> , 2013, 52, 06GK12.	1.5	18
21	One-Step Synthesis of Copper and Cupric Oxide Particles from the Liquid Phase by X-Ray Radiolysis Using Synchrotron Radiation. <i>Journal of Nanomaterials</i> , 2016, 2016, 1-16.	2.7	18
22	Two Dimensional Fermi Surfaces of CePtAs and CePtP Studied by the de Haas-van Alphen and Magnetoresistance Experiments. <i>Journal of the Physical Society of Japan</i> , 1999, 68, 3615-3622.	1.6	17
23	Temperature estimation in a ferromagnetic Fe-Ni nanowire involving a current-driven domain wall motion. <i>Journal of Physics Condensed Matter</i> , 2012, 24, 024201.	1.8	16
24	Caltrop particles synthesized by photochemical reaction induced by X-ray radiolysis. <i>Journal of Synchrotron Radiation</i> , 2017, 24, 653-660.	2.4	15
25	The rectification of radio-frequency signal by magnetic domain wall in a single-layered ferromagnetic nanowire. <i>Applied Physics Letters</i> , 2007, 91, 132509.	3.3	14
26	Coupled oscillations of vortex cores confined in a ferromagnetic elliptical disk. <i>Physical Review B</i> , 2014, 90, .	3.2	14
27	Magnetic field dependence of rectification radio frequency current flowing through a single layered ferromagnetic wire. <i>Journal of Applied Physics</i> , 2009, 105, 07D301.	2.5	13
28	Current manipulation of a vortex confined in a micron-sized Fe <sub>19</sub> Ni <sub>81</sub> disk. <i>Applied Physics Letters</i> , 2009, 95, 122506.	3.3	12
29	Heterojunction-induced magnetic anisotropy and magnetization reversal of Ni wires on LiNbO <sub>3</sub> substrate. <i>Journal of Magnetism and Magnetic Materials</i> , 2018, 453, 107-113.	2.3	11
30	Deep X-ray lithography system with a uniform and high-accuracy fabrication area established in beamline BL11 at NewSUBARU. <i>Journal of Synchrotron Radiation</i> , 2019, 26, 528-534.	2.4	11
31	Gold Nanoparticles Enhance EGFR Inhibition and Irradiation Effects in Head and Neck Squamous Carcinoma Cells. <i>BioMed Research International</i> , 2020, 2020, 1-10.	1.9	11
32	Dielectrophoresis-enabled surface enhanced Raman scattering of glycine modified on Au-nanoparticle-decorated polystyrene beads in micro-optofluidic devices. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2016, 507, 118-123.	4.7	10
33	Magnetization reversal and wall propagation velocity in single-crystalline and polycrystalline Fe wires. <i>Physical Review B</i> , 2010, 81, .	3.2	9
34	Electrical detection of vortex states in a ferromagnetic disk using the rectifying effect. <i>Journal of Applied Physics</i> , 2011, 109, 07D306.	2.5	9
35	On-chip integration of novel Au electrode with a higher order three-dimensional layer stack nanostructure for surface-enhanced Raman spectroscopy. <i>RSC Advances</i> , 2015, 5, 73194-73201.	3.6	9
36	On-chip synthesis of ruthenium complex by microwave-induced reaction in a microchannel coupled with post-wall waveguide. <i>Sensors and Actuators B: Chemical</i> , 2017, 242, 384-388.	7.8	9

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37	Control of Domain Structure in Artificial Ni Wires Fabricated on an LiNbO <sub>3</sub> Substrate. IEEE Transactions on Magnetics, 2017, 53, 1-4.	2.1	9
38	Aggregation and dispersion of Au-nanoparticle-decorated polystyrene beads with SERS-activity using AC electric field and Brownian movement. Applied Surface Science, 2019, 465, 405-412.	6.1	9
39	Highly stable and reproducible Au nanorod arrays for near-infrared optofluidic SERS sensor. Materials Letters, 2021, 286, 129106.	2.6	9
40	Glucose stimulates insulin release without altering cyclic AMP production or inositolphospholipid turnover in freshly obtained human insulinoma cells. Biochemical and Biophysical Research Communications, 1987, 145, 263-268.	2.1	8
41	Domain wall resistance in FePt wire with perpendicular magnetic anisotropy. Journal of Applied Physics, 2006, 99, 08G520.	2.5	8
42	Controllability of cupric particle synthesis by linear alcohol chain number as additive and pH control in cupric acetate solution using X-ray radiolysis. Journal of Synchrotron Radiation, 2019, 26, 1986-1995.	2.4	8
43	Physically unclonable functions taggant for universal steganographic prints. Scientific Reports, 2022, 12, 985.	3.3	8
44	Effect of Monoclonal Anti-Human GP130 Antibody (GPX7) on Bone Turnover in Normal and Ovariectomized Rats. Calcified Tissue International, 1998, 62, 227-236.	3.1	7
45	Observation of a bias-dependent constrained magnetic wall in a Ni point contact. Physical Review B, 2008, 78, .	3.2	7
46	Rapid X-ray Fabrication of Microstructured Polytetrafluoroethylene Substrates by Anisotropic, Pyrochemical Microetching. Journal of Photopolymer Science and Technology = [Fotoporima Konwakai Shi], 2016, 29, 403-407.	0.3	7
47	Real-space observation of magnetic vortex core gyration in a magnetic disc both with and without a pair tag. Japanese Journal of Applied Physics, 2016, 55, 023002.	1.5	7
48	Present status of photoemission electron microscope newly installed in SPring-8 for time-resolved nanospectroscopy. Japanese Journal of Applied Physics, 2019, 58, 118001.	1.5	7
49	A lab in a bento box: an autonomous centrifugal microfluidic system for an enzyme-linked immunosorbent assay. Analytical Methods, 2020, 12, 4858-4866.	2.7	7
50	Progress in Time-Resolved Photoemission Electron Microscopy at BL25SU, SPring-8: Radiofrequency Field Excitation of Magnetic Vortex Core Gyration. Japanese Journal of Applied Physics, 2012, 51, 128001.	1.5	7
51	Effect of ferromagnetism on AB oscillations in a normal-metal ring. Physical Review B, 2008, 77, .	3.2	6
52	Asymmetric Domain Wall Propagation in a Giant Magnetoresistance-Type Wire with Oscillating Interlayer Exchange Coupling. Applied Physics Express, 2010, 3, 093004.	2.4	6
53	Microscopic theory of diffusive spin current with spin-orbit interaction. Physical Review B, 2011, 83, .	3.2	6
54	Progress in Time-Resolved Photoemission Electron Microscopy at BL25SU, SPring-8: Radiofrequency Field Excitation of Magnetic Vortex Core Gyration. Japanese Journal of Applied Physics, 2012, 51, 128001.	1.5	6

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55	Spin Torque Diode Spectroscopy of Quantized Spin Wave Excited in a Magnetic Tunnel Junction. IEEE Transactions on Magnetics, 2012, 48, 2816-2819.	2.1	6
56	Fabrication of a Dihedral Corner Reflector Array for a Floating Image Manufactured by X-ray Lithography Using Synchrotron Radiation. Transactions of the Japan Institute of Electronics Packaging, 2015, 8, 23-28.	0.4	6
57	Application of gold nanoparticle self-assemblies to unclonable anti-counterfeiting technology. , 2015, , .		6
58	Biofilm Formation Behaviors on Graphene by <i>E. coli</i> and <i>S. epidermidis</i> . ECS Transactions, 2017, 80, 1167-1175.	0.5	6
59	Non-Destructive Imaging on Synthesised Nanoparticles. Materials, 2021, 14, 613.	2.9	6
60	Solid/liquid-interface-dependent synthesis and immobilization of copper-based particles nucleated by X-ray-radiolysis-induced photochemical reaction. Journal of Synchrotron Radiation, 2020, 27, 1008-1014.	2.4	6
61	Physical stability of stealth nanobeacon using surface-enhanced Raman scattering for anti-counterfeiting and monitoring medication adherence: Deposition on various coating tablets. International Journal of Pharmaceutics, 2022, 624, 121980.	5.2	6
62	Magnetic properties of nanometer-scale FeNi antidot array system. Journal of Magnetism and Magnetic Materials, 2007, 310, e792-e793.	2.3	5
63	Specific Heat Study of the Non-centrosymmetric Superconductor $\text{LaPt}_3\text{Si}$ in Magnetic Fields. Journal of Physics: Conference Series, 2012, 400, 022079.	0.4	5
64	Application of microprobe soft X-ray fluorescence and absorption spectroscopic analyses to characterize the buried multi-layered micro-structure. Japanese Journal of Applied Physics, 2020, 59, 060902.	1.5	5
65	Domain wall propagation in single crystalline iron wires. Journal of Physics: Conference Series, 2011, 266, 012024.	0.4	4
66	Quasi-omnidirectional electrical spectrometer for studying spin dynamics in magnetic tunnel junctions. Review of Scientific Instruments, 2012, 83, 024710.	1.3	4
67	Ferromagnetic resonance of Ni wires fabricated on ferroelectric $\text{LiNbO}_3$ substrate for studying magnetic anisotropy induced by the heterojunction. AIP Advances, 2018, 8, 056411.	1.3	4
68	X-ray absorption and photoemission spectroscopy of bulk insulating materials using graphene. Journal of Applied Physics, 2020, 128, .	2.5	4
69	Magnetic Scattering in Ni Wires Fabricated on Ferroelectric $\text{LiNbO}_3$ Substrate for Magnetic Sensor Application. Sensors and Materials, 2019, 31, 3007.	0.5	4
70	Modification of the Transmittance of Bulk Polytetrafluoroethylene via Synchrotron Radiation Irradiation. Journal of Photopolymer Science and Technology = [Fotoporima Konwakai Shi], 2019, 32, 253-256.	0.3	4
71	Fabrication of $\text{Ni}_2\text{W}$ Microgears Using LIGA Process. Sensors and Materials, 2021, 33, 4455.	0.5	4
72	Low noise properties of unbiased even harmonic Josephson mixers. Journal of Applied Physics, 1985, 57, 2099-2102.	2.5	3

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73	Magnetic properties of the dense Kondo compound PrSn3. Journal of Magnetism and Magnetic Materials, 2001, 226-230, 142-144.	2.3	3
74	Nonlinear Vortex Motion Induced by the Simultaneous Application of RF and DC Currents in a Micron-Sized $\langle \text{Fe}_{19}\text{Ni}_{81} \rangle$ Disk. IEEE Transactions on Magnetics, 2010, 46, 1994-1997.	2.1	3
75	Broadband spectroscopy of magnetic response in a nano-scale magnetic wire. Journal of Magnetism and Magnetic Materials, 2014, 364, 34-38.	2.3	3
76	Fabrication of Integrated PTFE-Filled Waveguide Butler Matrix for Short Millimeter-Wave by SR Direct Etching. IEICE Transactions on Electronics, 2018, E101.C, 416-422.	0.6	3
77	Study on fabrication of molecular sensing system using higher-order nanostructure for environmental analysis and food safety. Electronics and Communications in Japan, 2018, 101, 38-44.	0.5	3
78	Deposition of Polytetrafluoroethylene Film Assisted by Synchrotron Radiation Irradiation. Journal of Photopolymer Science and Technology = [Fotoporima Konwakai Shi], 2019, 32, 249-252.	0.3	3
79	X-ray Radiolysis-based Three Dimensional Additive Manufacturing Process. Transactions of the Japan Institute of Electronics Packaging, 2019, 12, E19-003-1-E19-003-7.	0.4	3
80	Visualization of elemental distributions and local analysis of element-specific chemical states of an Arachnoidiscus sp. frustule using soft X-ray spectromicroscopy. PLoS ONE, 2020, 15, e0243874.	2.5	3
81	Liquid Mixing Evaluated Using Entropy in a Lab-on-a-disc Platform. Sensors and Materials, 2021, 33, 4371.	0.5	3
82	Heavy electron mass and the Kondo effect in PrSn3. Physica B: Condensed Matter, 2000, 281-282, 126-127.	2.7	2
83	A silicon metal-oxide-semiconductor field-effect transistor Hall bar for scanning Hall probe microscopy. Review of Scientific Instruments, 2008, 79, 083703.	1.3	2
84	High-order standing spin wave modes in $\text{Fe}_{19}\text{Ni}_{81}$ micron wire observed by homodyne method. Journal of Physics: Conference Series, 2011, 266, 012113.	0.4	2
85	Point-Contact Spectroscopy of Heavy Fermion Compounds CeCu6 and CeAl3 in Magnetic Field. Physics Procedia, 2015, 75, 296-302.	1.2	2
86	Gold Nanoparticles Based Nanosensors/Nanobeacons Fabricated by Bottom-up Method for Surface Enhanced Raman Scattering. Bunseki Kagaku, 2017, 66, 919-923.	0.2	2
87	On chip synthesis of Au nanoparticles by microwave heating. Electronics and Communications in Japan, 2020, 103, 49-55.	0.5	2
88	Direct observation of a magnetic domain change in Ni wire and film on a LiNbO3 substrate using X-ray magnetic circular dichroic photoemission electron microscopy. Japanese Journal of Applied Physics, 2021, 60, SBBC01.	1.5	2
89	Anisotropic pyrochemical dry etching of fluorinated ethylene propylene induced by pre-irradiation with synchrotron radiation. AIP Advances, 2021, 11, .	1.3	2
90	Design and Fabrication of PTFE Substrate Integrated Waveguide Coupler by SR Direct Etching. IEICE Transactions on Electronics, 2021, E104.C, 446-454.	0.6	2

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91	Molecular Structure Evaluation of Bulk Polytetrafluoroethylene Modified by X-ray Irradiation. Journal of Photopolymer Science and Technology = [Fotoporima Konwakai Shi], 2020, 33, 295-299.	0.3	2
92	Study on Fabrication of X-ray Collimators by X-ray Lithography Using Synchrotron Radiation. Journal of Photopolymer Science and Technology = [Fotoporima Konwakai Shi], 2021, 34, 213-218.	0.3	2
93	Pharmacokinetics of nifedipine and prediction of plasma concentration on essential hypertensive patients. Kobe Journal of Medical Sciences, 1985, 31, 133-44.	0.2	2
94	Cylindrical Fermi surfaces in rare-earth and actinide compounds. Physica B: Condensed Matter, 2000, 281-282, 758-760.	2.7	1
95	Giant magnetoresistance effect detection of magnetization reversal in single crystalline nanowires. Journal of Physics: Conference Series, 2010, 200, 042028.	0.4	1
96	Time evolution of spin accumulation induced from electric field in ferromagnet. Journal of Applied Physics, 2011, 109, 07C901.	2.5	1
97	Detection of ferromagnetic resonance in a single-crystalline Fe wire using a rectifying effect. Journal of Physics: Conference Series, 2011, 266, 012013.	0.4	1
98	Detection of vortex-core dynamics using current-induced self-bistable rectifying effect. Journal of Physics: Conference Series, 2011, 266, 012080.	0.4	1
99	Magnetic-field modulation of the Josephson effect between polycrystalline CeCu <sub>2</sub> Si <sub>2</sub> and Al. Journal of Physics: Conference Series, 2011, 273, 012086.	0.4	1
100	Differential Paramagnetic Effect of Non-Centrosymmetric Superconductor LaPt <sub>3</sub> Si. Journal of the Physical Society of Japan, 2012, 81, SB017.	1.6	1
101	Fabrication and evaluation of Dihedral Corner Reflector Array for floating image manufactured by synchrotron radiation. , 2015, , .		1
102	Synthesis of nanoparticles through x-ray radiolysis using synchrotron radiation. , 2016, , .		1
103	Highly sensitive detection and stochastic analysis of magnetization agitation induced in a single layered magnetic wire. Journal of Magnetism and Magnetic Materials, 2016, 401, 9-15.	2.3	1
104	Interdigital transducer generated surface acoustic waves suitable for powder transport. Advanced Powder Technology, 2017, 28, 491-498.	4.1	1
105	Fabrication of waveguide butler matrix for short millimeter-wave using X-ray lithography. , 2017, , .		1
106	The Study on Magnetization Reversal of Stripe-Domain Structure in Ni Wires Fabricated on a LiNbO <sub>3</sub> Substrate. IEEE Transactions on Magnetics, 2019, 55, 1-4.	2.1	1
107	Quasi-free-standing monolayer hexagonal boron nitride on Ni. Materials Research Express, 2019, 6, 016304.	1.6	1
108	X-ray Photoemission Spectroscopy Study of Uniaxial Magnetic Anisotropy Induced in a Ni Layer Deposited on a LiNbO <sub>3</sub> Substrate. Nanomaterials, 2021, 11, 1024.	4.1	1



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109	Galvanomagnetic Effect in Tri-layered Py/Cu/Py Ring Structures. Journal of the Magnetics Society of Japan, 2007, 31, 77-80.	0.4	1
110	Observation of frequency dependent resonances in magnetic vortex core gyration using time-resolved magneto-optical Kerr microscope with pulsed semiconductor laser illumination. Japanese Journal of Applied Physics, 2022, 61, 018001.	1.5	1
111	Microchimerism and graft acceptance: cardiac allograft acceptance following antiadhesion molecules antibody therapy. Transplantation Proceedings, 1996, 28, 1370-1.	0.6	1
112	<i>In situ</i> fluorescence yield soft X-ray absorption spectroscopy of electrochemical nickel deposition processes with and without ethylene glycol. RSC Advances, 2022, 12, 10425-10430.	3.6	1
113	Roentgenographic examination of symptoms involving adhesion between gall-bladder and duodenum. Gastroenterologia Japonica, 1970, 5, 182-182.	0.3	0
114	Intensity modulated moire and its intensity-phase analysis. , 0, , .		0
115	DC electrical response and impedance change induced by a microwave signal in a patterned ferromagnetic wire. , 2008, , .		0
116	Broadband Ferromagnetic Resonance of Micron-Scale Iron Wires Using Rectifying Effect. IEEE Transactions on Magnetics, 2011, 47, 1587-1590.	2.1	0
117	Spin current driven by thermal gradient. AIP Conference Proceedings, 2011, , .	0.4	0
118	Microfluidic devices with three-dimensional gold nanostructure for surface enhanced Raman scattering. , 2013, , .		0
119	Cu pattern etching by oxygen gas cluster ion beams with acetic acid vapor. , 2014, , .		0
120	Trial fabrication of PTFE-based E-plane waveguide coupler for short millimeter-wave by SR etching. , 2015, , .		0
121	Fabrication of SERS active noble metallic nanostructure by synchrotron radiation induced photochemical reaction. , 2015, , .		0
122	Fabrication of higher order three-dimensional layer stack nanostructure for molecular detection and electrode. , 2016, , .		0
123	Caltrop cupric oxide particles synthesized by X-ray photochemical reaction. , 2017, , .		0
124	Synthesis and immobilization of cupric oxide particles using X-ray radiolysis. , 2017, , .		0
125	Fabrication of higher order nanostructure for molecular sensing. , 2017, , .		0
126	The gold nanotag for on-dose authentication to prevent fake drugs. , 2017, , .		0



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127	Control of domain structure in artificial Ni wires fabricated on a LiNbO <sub>3</sub> substrate. , 2017, , .		0
128	A Study for Sensitivity Improvement of 3-D Lab-on-a-CD-Based Immunosensor. Electronics and Communications in Japan, 2018, 101, 61-68.	0.5	0
129	A 5.8 GHz Microwave Applicator by Post-Wall Waveguide. , 2018, , .		0
130	X-ray radiolysis-based three dimensional additive manufacturing process. , 2019, , .		0
131	Study on three dimensional additive manufacturing process using X-ray radiolysis. , 2019, , .		0
132	Anisotropic Pyrochemical Etching of PTFE by Synchrotron Radiation. , 2019, , .		0
133	Design of Microwave Applicator with Plural Microchannels Using Post-Wall Waveguide. , 2020, , .		0
134	Investigating R&D Committee on Magnetic Sensors for High-Performance and Systemization. IEEJ Transactions on Fundamentals and Materials, 2021, 141, 443-445.	0.2	0
135	Enhancement of spin-orbit torques by change in uniaxial in-plane magnetic anisotropy of Py/Pt bilayers on single crystal 128° Y-Cut LiNbO <sub>3</sub> substrate. Applied Physics Letters, 2021, 119, 152407.	3.3	0
136	Detection of Nonlinear Spin Dynamics in Artificial Magnets Using Rectification of Planar Hall Effect. Journal of the Magnetics Society of Japan, 2010, 34, 73-77.	0.9	0
137	J2240102 Proposal of Powder Feeder driven by Surface Acoustic Wave. The Proceedings of Mechanical Engineering Congress Japan, 2014, 2014, _J2240102-_J2240102-.	0.0	0
138	Powder Transport by Surface Acoustic Wave Actuator using Bragg Reflection. IEEJ Transactions on Electronics, Information and Systems, 2014, 134, 1934-1935.	0.2	0
139	Magnetoresistance of NiCu Micro-wires Fabricated on a LiNbO <sub>3</sub> Substrate. IEEJ Transactions on Fundamentals and Materials, 2017, 137, 487-488.	0.2	0
140	Synthesis of Cupric Particles Induced by X-ray Radiolysis. IEEJ Transactions on Electronics, Information and Systems, 2017, 137, 400-405.	0.2	0
141	A study for Sensitivity Improvement of 3-D Lab-on-a-CD based Immunosensor. IEEJ Transactions on Electronics, Information and Systems, 2017, 137, 418-423.	0.2	0
142	Study on Microfabrication of Polytetrafluoroethylene using X-ray-induced Pyrochemical Anisotropic Etching. IEEJ Transactions on Sensors and Micromachines, 2017, 137, 417-421.	0.1	0
143	Study on Fabrication of Molecular Sensing System using Higher-order Nanostructure for Environmental Analysis and Food Safety. IEEJ Transactions on Sensors and Micromachines, 2018, 138, 191-197.	0.1	0
144	Study on relatively large response of rectifying voltage in Ni wires fabricated on a LiNbO <sub>3</sub> substrate. Japanese Journal of Applied Physics, 2020, 59, 083001.	1.5	0

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145	On Chip Synthesis of Au Nanoparticles by Microwave Heating. IEEJ Transactions on Electronics, Information and Systems, 2020, 140, 471-475.	0.2	0
146	Mixing of Different Density Liquids by Euler-force on Lab-on-a-disc. IEEJ Transactions on Electronics, Information and Systems, 2020, 140, 465-470.	0.2	0
147	Microchimerism and graft acceptance: cardiac allografting with multiple minor histocompatibility antigen differences. Transplantation Proceedings, 1996, 28, 1293-4.	0.6	0