

Satoru Kaneko

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Synthesis of Iron Gallate (FeGa ₂ O ₄) Nanoparticles by Mechanochemical Method. <i>Coatings</i> , 2022, 12, 423.	2.6	1
2	Effect of Ti Atoms on Néel Relaxation Mechanism at Magnetic Heating Performance of Iron Oxide Nanoparticles. <i>Coatings</i> , 2022, 12, 481.	2.6	11
3	Crystal orientation of epitaxial oxide film on silicon substrate. <i>Applied Surface Science</i> , 2022, 586, 152776.	6.1	2
4	Special Issue "Functional Oxide Thin Films and Nanostructures: Growth, Properties, and Applications" <i>Coatings</i> , 2022, 12, 778.	2.6	0
5	Improvement of drilling performance by overcoating diamond-like carbon films on diamond-coated drills for carbon fiber reinforced plastics processing. <i>Vacuum</i> , 2021, 183, 109755.	3.5	17
6	Polarization Rotation at Morphotropic Phase Boundary in New Lead-Free Na _{1/2} Bi _{1/2} V _{1-x} Ti _x O ₃ Piezoceramics. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 5208-5215.	8.0	11
7	Solid-phase epitaxial crystallization of $\hat{1}^2$ -Ga ₂ O ₃ thin film by KrF excimer laser irradiation from backside of NiO (111)-buffered $\hat{1}^{\pm}$ -Al ₂ O ₃ (0001) substrate at room temperature. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 2021, 39, 043414.	2.1	1
8	The study investigating the determination of protamine in seminal plasma from azoospermic donors: Suggestion of new methods to diagnose obstructive azoospermia, and to capture childbearing sperm for testicular sperm extraction (TESE) and insemination sperm injection (ICSI). <i>Analytical Biochemistry</i> , 2020, 604, 113792.	2.4	0
9	Fabrication of ultra-flat c-axis oriented ZnO thin films on atomically stepped cyclo-olefin polymer (COP) substrates by pulsed laser deposition at RT. <i>Japanese Journal of Applied Physics</i> , 2020, 59, 128001.	1.5	1
10	Wear-resistive and electrically conductive nitrogen-containing DLC film consisting of ultra-thin multilayers prepared by using filtered arc deposition. <i>Japanese Journal of Applied Physics</i> , 2019, 58, SEED05.	1.5	8
11	Fracture Toughness of CF-Plug Joints of Ti and Epoxy Matrix CFRP. <i>Key Engineering Materials</i> , 2019, 821, 131-134.	0.4	1
12	Constriction of a lattice constant in an epitaxial magnesium oxide film deposited on a silicon substrate. <i>Japanese Journal of Applied Physics</i> , 2019, 58, SAAD06.	1.5	1
13	Ni-W Nano Mold for Glass Thermal Imprint. <i>IEEJ Transactions on Electronics, Information and Systems</i> , 2019, 139, 644-647.	0.2	1
14	Properties of sol gel synthesized ZnO nanoparticles. <i>Journal of Materials Science: Materials in Electronics</i> , 2018, 29, 9474-9485.	2.2	65
15	Influence of grain boundary interface on ionic conduction of (Zn _{1-x} Cox)O. <i>Composites Part B: Engineering</i> , 2018, 147, 252-258.	12.0	5
16	Influence of back gate voltage on electrical transport in Zn _{1-(y+x)} (Al _x Euy)O thin films. <i>Materials Research Express</i> , 2018, 5, 106410.	1.6	0
17	Tensile strength of Polypropylene Reinforced by Carbon Fiber Covered with and without Sizing Epoxy Film. <i>Transactions of the Materials Research Society of Japan</i> , 2018, 43, 125-128.	0.2	5
18	Removal of SU8 fine patterns with N-Methyl-2-Pyrrolidone doped. <i>Transactions of the JSME (in Japanese)</i> , 2018, 84, 1000-1002.	0.2	0

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19	Layer-by-Layer Growth of Graphene on Insulator in CO ₂ -Oxidizing Environment. ACS Omega, 2017, 2, 1523-1528.	3.5	4
20	Composite Engineering – Direct Bonding of plastic PET Films by Plasma Irradiation. Procedia Engineering, 2017, 171, 88-103.	1.2	21
21	Detection of Stress Hormone in the Milk for Animal Welfare Using QCM Method. Journal of Sensors, 2017, 2017, 1-7.	1.1	13
22	Fabrication of Tungsten Carbide Films by Filtered Pulse Arc Deposition with Cemented Tungsten Carbide Cathodes. Materials Sciences and Applications, 2017, 08, 966-978.	0.4	0
23	Plasma Bonding of Plastic Films and Applications. , 2017, , 391-418.		0
24	Removal of SU8 with N-Methyl-2-Pyrrolidone doped. The Proceedings of the Symposium on Micro-Nano Science and Technology, 2017, 2017.8, PN-35.	0.0	0
25	Effect of metal ion concentration in Ni–W plating solution on surface roughness of Ni–W film. Japanese Journal of Applied Physics, 2016, 55, 01AA22.	1.5	2
26	Room-temperature laser annealing for solid-phase epitaxial crystallization of \hat{I}^2 -Ga ₂ O ₃ thin films. Applied Physics Express, 2016, 9, 105502.	2.4	10
27	Dry machining of metal using an engraving cutter coated with a droplet-free ta-C film prepared via a T-shape filtered arc deposition. Surface and Coatings Technology, 2016, 307, 1029-1033.	4.8	26
28	The effects of hypoxia on the stemness properties of human dental pulp stem cells (DPSCs). Scientific Reports, 2016, 6, 35476.	3.3	75
29	Multigraphene growth on lead-pencil drawn silver halide print paper irradiated by scanning femtosecond laser. Japanese Journal of Applied Physics, 2016, 55, 01AE24.	1.5	1
30	Graphitic Growth on Pencil Drawn Paper Irradiated by Femtosecond Laser. Nanoscience and Nanotechnology Letters, 2016, 8, 611-614.	0.4	1
31	Sequential Analysis of \hat{I}^2 -Lactoglobulin for Allergen Check Using QCM with a Passive Flow System. Chemistry Letters, 2015, 44, 981-983.	1.3	9
32	Crystal orientations of \hat{I}^2 -Ga ₂ O ₃ thin films formed on <i>c</i> -plane sapphire substrates. Physica Status Solidi (B): Basic Research, 2015, 252, 2117-2122.	1.5	0
33	Room-temperature fabrication of highly oriented \hat{I}^2 -Ga ₂ O ₃ thin films by excimer laser annealing. Journal of Crystal Growth, 2015, 424, 38-41.	1.5	14
34	Room-temperature selective epitaxial growth of CoO (1 1 1) and Co ₃ O ₄ (1 1 1) thin films with atomic steps by pulsed laser deposition. Applied Surface Science, 2015, 349, 78-82.	6.1	30
35	Graphen growth: 10B lead pencil, print paper, and femtosecond laser. , 2015, , .		1
36	Crystal orientations of \hat{I}^2 -Ga ₂ O ₃ thin films formed on <i>m</i> -plane and <i>r</i> -plane sapphire substrates. Physica Status Solidi (B): Basic Research, 2015, 252, 612-620.	1.5	13

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37	Evolution of I-V Characteristics and Photo Effects of Heterojunction LBMO/ZnO Prepared by IBS. Solid State Phenomena, 2015, 230, 19-27.	0.3	2
38	Micro Imprinting for Al Alloy Using Ni-W Electroformed Mold. International Journal of Automation Technology, 2015, 9, 674-677.	1.0	2
39	Formation of 0.3-nm-high stepped polymer surface by thermal nanoimprinting. Applied Physics Express, 2014, 7, 055202.	2.4	15
40	Expansion of lattice constants of aluminum nitride thin film prepared on sapphire substrate by ECR plasma sputtering method. Japanese Journal of Applied Physics, 2014, 53, 11RA11.	1.5	1
41	Effects of post exposure bake temperature and exposure time on SU-8 nanopattern obtained by electron beam lithography. Japanese Journal of Applied Physics, 2014, 53, 11RF03.	1.5	7
42	Highly sensitive and rapid sequential cortisol detection using twin sensor QCM. Analytical Methods, 2014, 6, 7469-7474.	2.7	27
43	Growth of Nanocubic MgO on Silicon Substrate by Pulsed Laser Deposition. Japanese Journal of Applied Physics, 2013, 52, 01AN02.	1.5	7
44	Functional surface on periodical nanostructure self-organized by laser scanning at speed of 300m/min. Optics and Lasers in Engineering, 2013, 51, 294-298.	3.8	2
45	Preparation of Diamond-Like Carbon on Ti Film with Tetramethylsilane Buffer Layer. Japanese Journal of Applied Physics, 2013, 52, 11NA02.	1.5	0
46	Property Variation of Ni-W Electroformed Mold for Micro-Press Molding. Japanese Journal of Applied Physics, 2013, 52, 11NJ05.	1.5	6
47	Properties of epitaxial AlN thin film deposited on sapphire substrate by ECR plasma. , 2013, , .		0
48	Investigations on electrical conduction properties and crystallization conditions of V2O5-P2O5 glass based semiconductors. Materials Research Society Symposia Proceedings, 2013, 1494, 215-219.	0.1	0
49	Influence of Momentary Annealing on the Nanoscale Surface Morphology of Room Temperature Pulsed Laser Deposited NiO(111) Epitaxial Thin Films on Atomically Stepped Sapphire (0001) Substrates. Materials Research Society Symposia Proceedings, 2013, 1507, 1.	0.1	0
50	Room-temperature synthesis of epitaxial oxide thin films for development of unequilibrium structure and novel electronic functionalization. Journal of the Ceramic Society of Japan, 2013, 121, 1-9.	1.1	13
51	Homoepitaxial growth of Al_2O_3 thin films on atomically stepped sapphire substrates by pulsed laser deposition at room-temperature. Journal of the Ceramic Society of Japan, 2013, 121, 467-469.	1.1	6
52	Fabrication of Ni-W Electroformed Mold for Thermal Imprint of Borosilicate Glass. Nihon Kikai Gakkai Ronbunshu, A Hen/Transactions of the Japan Society of Mechanical Engineers, Part A, 2013, 79, 507-511.	0.2	0
53	Epitaxial Indium Tin Oxide Film Deposited on Sapphire Substrate by Solid-Source Electron Cyclotron Resonance Plasma. Japanese Journal of Applied Physics, 2012, 51, 01AC02.	1.5	3
54	Influence of Rapid Thermal Annealing and Substrate Terrace Width on Self-Organizing Formation of Periodic Straight Nanogroove Array on NiO(111) Epitaxial Thin Film. Japanese Journal of Applied Physics, 2012, 51, 06FF16.	1.5	2

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55	Periodic nano trench structure fabricated by high-speed scanning CW laser. , 2012, , .		1
56	Nano-Cube MgO Formed on Silicon Substrate Using Pulsed Laser Deposition. Journal of Nanoscience and Nanotechnology, 2012, 12, 2320-2325.	0.9	2
57	Fabrication of 3D Interdigitated Array Electrode Consisting of Au Nanoparticles and Its Application for Biosensing. Electrochemistry, 2012, 80, 305-307.	1.4	3
58	High performance of hydrogen peroxide detection using Pt nanoparticles-dispersed carbon electrode prepared by pulsed arc plasma deposition. Talanta, 2012, 99, 865-870.	5.5	22
59	Buffer-layer enhanced crystal growth of BaB6 (100) thin films on MgO (100) substrates by laser molecular beam epitaxy. Applied Surface Science, 2012, 258, 4000-4004.	6.1	3
60	Anisotropic magnetization of epitaxial Ni nanogroove-arrays prepared by reduction of self-organized oxides. Applied Surface Science, 2012, 259, 208-212.	6.1	0
61	Single-Cell Pulsed-Field Gel Electrophoresis to Detect the Early Stage of DNA Fragmentation in Human Sperm Nuclei. PLoS ONE, 2012, 7, e42257.	2.5	10
62	Epitaxial Indium Tin Oxide Film Deposited on Sapphire Substrate by Solid-Source Electron Cyclotron Resonance Plasma. Japanese Journal of Applied Physics, 2012, 51, 01AC02.	1.5	6
63	Influence of Rapid Thermal Annealing and Substrate Terrace Width on Self-Organizing Formation of Periodic Straight Nanogroove Array on NiO(111) Epitaxial Thin Film. Japanese Journal of Applied Physics, 2012, 51, 06FF16.	1.5	4
64	Optimizing coverage of metal oxide nanoparticle prepared by pulsed laser deposition on nonenzymatic glucose detection. Talanta, 2011, 84, 579-582.	5.5	20
65	Fabrication of column chip made of PMMA for μ FIA. Talanta, 2011, 85, 707-712.	5.5	4
66	Effect of post annealing on MgO thin film prepared on silicon(001) substrate in high oxygen pressure and high substrate temperature by pulsed laser deposition. IOP Conference Series: Materials Science and Engineering, 2011, 18, 022018.	0.6	0
67	Evolution of Atomically Stepped Surface of Indium Tin Oxide Thin Films Grown on Nanoimprinted Glass Substrates. Applied Physics Express, 2011, 4, 035201.	2.4	11
68	Synthesis of Mica Thin Film by Pulsed Laser Deposition. Applied Physics Express, 2011, 4, 055502.	2.4	1
69	Development of High Performance Liquid Chromatography with Electrochemical Detection for Alcohols and Its Application to the Determination of Ethanol in Detergents and Alcohol Beverage. Bunseki Kagaku, 2011, 60, 761-764.	0.2	3
70	A study of imprint mold materials suited for B2O3-La2O3-based glass. Electronics and Communications in Japan, 2011, 94, 17-22.	0.5	0
71	Epitaxial growth of (100)-oriented β -FeSi2 film on 3C-SiC(100) plane. Journal of Crystal Growth, 2011, 316, 10-14.	1.5	1
72	Fabrication of Ni/Al ₂ O ₃ /Ni Heteroepitaxial Junction by Post-Hydrogen Reduction of NiO/Al ₂ O ₃ /NiO Trilayered Epitaxial Thin Film. Japanese Journal of Applied Physics, 2011, 50, 098004.	1.5	1

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73	Nano-strip grating lines self-organized by a high speed scanning CW laser. Nanotechnology, 2011, 22, 175307.	2.6	10
74	Mass Density as Basis Parameter on Mechanical Properties under Diamond-Like Carbon Prepared in Wide Range of Conditions Using Variety of Methods. Japanese Journal of Applied Physics, 2011, 50, 01AF11.	1.5	5
75	Nanoimprint Fabrication and Thermal Behavior of Atomically Ultrasmooth Glass Substrates with 0.2-nm-Height Steps. Japanese Journal of Applied Physics, 2011, 50, 078002.	1.5	4
76	Fabrication of Ferromagnetic Ni(111) Nanoparticles Embedded Epitaxially in (Mg,Ni)O Matrix by Reduction of (Mg _{0.5} Ni _{0.5})O(111) Epitaxial Thin Film. Japanese Journal of Applied Physics, 2011, 50, 070206.	1.5	1
77	Electrochemical Response of Platinum Ultrathin Layer Formed by Pulsed Laser Deposition. International Journal of Electrochemistry, 2011, 2011, 1-6.	2.4	3
78	Mass Density as Basis Parameter on Mechanical Properties under Diamond-Like Carbon Prepared in Wide Range of Conditions Using Variety of Methods. Japanese Journal of Applied Physics, 2011, 50, 01AF11.	1.5	2
79	Nanoimprint Fabrication and Thermal Behavior of Atomically Ultrasmooth Glass Substrates with 0.2-nm-Height Steps. Japanese Journal of Applied Physics, 2011, 50, 078002.	1.5	8
80	Fabrication of Ferromagnetic Ni(111) Nanoparticles Embedded Epitaxially in (Mg,Ni)O Matrix by Reduction of (Mg _{0.5} Ni _{0.5})O(111) Epitaxial Thin Film. Japanese Journal of Applied Physics, 2011, 50, 070206.	1.5	0
81	Fabrication of Ni/Al ₂ O ₃ /Ni Heteroepitaxial Junction by Post-Hydrogen Reduction of NiO/Al ₂ O ₃ /NiO Trilayered Epitaxial Thin Film. Japanese Journal of Applied Physics, 2011, 50, 098004.	1.5	0
82	Antireflective Subwavelength Structures on 4H-SiC for UV Photodetectors. ECS Transactions, 2010, 25, 69-73.	0.5	1
83	Large constriction of lattice constant in epitaxial magnesium oxide thin film: Effect of point defects on lattice constant. Journal of Applied Physics, 2010, 107, 073523.	2.5	25
84	Large Lattice Misfit on Epitaxial Thin Film: Coincidence Site Lattice Expanded on Polar Coordinate System. Japanese Journal of Applied Physics, 2010, 49, 08JE02.	1.5	3
85	Epitaxial Orientation of $\hat{\Gamma}^2$ -FeSi ₂ on 3C-SiC/Si(111). Japanese Journal of Applied Physics, 2010, 49, 08JF06.	1.5	1
86	Numerical Simulation of Glass Imprinting for Molding Temperature Prediction. Japanese Journal of Applied Physics, 2010, 49, 06GL11.	1.5	6
87	Room-Temperature Epitaxial Growth of (Li,Ni)O Thin Film with Li Content up to 60 mol %. Japanese Journal of Applied Physics, 2010, 49, 108001.	1.5	3
88	Deliberation of Effect to Glass Imprinting Analysis by Williams-Landel-Ferry Equation. IEEE Transactions on Sensors and Micromachines, 2010, 130, 484-488.	0.1	0
89	High Temperature Characteristics for UV Responsivity of 3C-SiC pn Photodiode. Materials Science Forum, 2009, 615-617, 881-884.	0.3	2
90	Electrochemical Response and Surface Morphology of Metal Nanoparticles by Pulsed Laser Deposition. ECS Transactions, 2009, 25, 19-25.	0.5	0

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91	Assessing Aptitude of Plated Ni-W Film as Mold Materials for Borosilicate Glass. Japanese Journal of Applied Physics, 2009, 48, 06FH08.	1.5	4
92	Fabrication and Characterization of a Thin $\frac{1}{4}$ -PEMFC with Microfabricated Grooves on Electroformed Current Collector Plate. Electrochemical and Solid-State Letters, 2009, 12, B154.	2.2	8
93	Iron disilicide formation by Au-Si eutectic reaction on Si substrate. Applied Surface Science, 2009, 256, 1244-1248.	6.1	7
94	Improvement of sensitivity and selectivity of high-performance liquid chromatography for anti-retroviral drugs (non-reverse transcriptase inhibitors) by diamond-electrode electrochemical and fluorescence detection. Journal of Chromatography A, 2009, 1216, 3117-3121.	3.7	12
95	Preliminary study of a microbeads based histamine detection for food analysis using thermostable recombinant histamine oxidase from <i>Arthrobacter crystallopoietes</i> KAIT-B-007. Talanta, 2009, 77, 1185-1190.	5.5	16
96	Epitaxial Growth of LaB ₆ Thin Films on Ultrasmooth Sapphire Substrate with Epitaxial SrB ₆ Buffer Layer. Journal of Laser Micro Nanoengineering, 2009, 4, 197-201.	0.1	4
97	Structural modulation in bismuth cuprate superconducting film with continuous epitaxial growth. Journal of Crystal Growth, 2008, 310, 1713-1717.	1.5	2
98	Epitaxial growth of (100) Fe ₃ Si thin films on insulating substrates. Journal of Crystal Growth, 2008, 310, 1703-1707.	1.5	3
99	Single domain epitaxial growth of yttria-stabilized zirconia on Si(111) substrate. Ceramics International, 2008, 34, 1047-1050.	4.8	3
100	Cubic-on-cubic growth of a MgO(001) thin film prepared on Si(001) substrate at low ambient pressure by the sputtering method. Europhysics Letters, 2008, 81, 46001.	2.0	18
101	Epitaxial Growth of Ferromagnetic Iron Silicide Thin Films on Silicon with Yttria-Stabilized Zirconia Buffer Layer. Japanese Journal of Applied Physics, 2008, 47, 577-579.	1.5	5
102	In-Plane Rotated Crystal Structure in Continuous Growth of Bismuth Cuprate Superconducting Film. Solid State Phenomena, 2008, 139, 53-58.	0.3	0
103	Fabrication of Glassy Carbon Molds Using Hydrogen Silsequioxane Patterned by Electron Beam Lithography as O ₂ Dry Etching Mask. Japanese Journal of Applied Physics, 2008, 47, 5167-5170.	1.5	12
104	Hetero-Epitaxial Growth of 3C-SiC with Smooth Surface on Si(001) Using Acetylene Gas. Materials Science Forum, 2008, 600-603, 247-250.	0.3	5
105	Effect of Strain on Supercell Structure of Bismuth Cuprate Superconducting Film. Japanese Journal of Applied Physics, 2008, 47, 664-666.	1.5	0
106	Supercell Structure on Continuous Growth of Bi ₂ Sr ₂ Ca ₁ Cu ₂ O _x Film. Japanese Journal of Applied Physics, 2008, 47, 5602.	1.5	3
107	The Study of the Imprint Mold Materials Suited for B ₂ O ₃ -La ₂ O ₃ Based Glass. IEEJ Transactions on Sensors and Micromachines, 2008, 128, 431-434.	0.1	0
108	Ni-W ₂ C ₃ の形成と電極材料としての特性. Hyomen Gijutsu/Journal of the Surface Finishing Society of Japan, 2008, 50, 10-14.	0.1	0

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109	Micro Press Molding of Borosilicate Glass Using Plated Ni-W Molds. Japanese Journal of Applied Physics, 2007, 46, 6378-6381.	1.5	28
110	1.54 μ m photoluminescence from $\hat{\Gamma}^2$ -FeSi ₂ as-deposited film. Applied Physics Letters, 2007, 91, .	3.3	23
111	Characterization of a microfluidic device fabricated using a photosensitive sheet. Journal of Micromechanics and Microengineering, 2007, 17, 432-438.	2.6	13
112	Epitaxial Growth of Fe ₃ Si Thin Films on (100) Magnesia Substrates. Materials Research Society Symposia Proceedings, 2007, 1032, 1.	0.1	0
113	Microfluidic Device for the Detection of Glucose Using a Micro Direct Methanol Fuel Cell as an Amperometric Detection Power Source. Analytical Chemistry, 2007, 79, 1725-1730.	6.5	14
114	HPLC for stress-free screening of potential prostate cancer marker catechol estrogens in urine using a diamond electrode electrochemical and a fluorescence detector. Journal of Separation Science, 2007, 30, 2279-2285.	2.5	10
115	$\hat{\Gamma}^2$ -FeSi ₂ growth on Cu-mediated Si substrate and enhancement of photoluminescence. Thin Solid Films, 2007, 515, 8144-8148.	1.8	9
116	Cryopreservation of human sperm in patients with malignancy: First 2 years' experience. Reproductive Medicine and Biology, 2007, 6, 127-131.	2.4	5
117	Thermal Anemometer Using a Micro-Air-Bridge Heater with Chip Scale Wind Tunnel. IEEJ Transactions on Sensors and Micromachines, 2007, 127, 241-246.	0.1	1
118	Metalorganic Chemical Vapor Deposition of Epitaxial Perovskite SrIrO ₃ Films on (100)SrTiO ₃ Substrates. Japanese Journal of Applied Physics, 2006, 45, L36-L38.	1.5	33
119	Horizontal growth of epitaxial (100) $\hat{\Gamma}^2$ -FeSi ₂ templates by metal-organic chemical vapor deposition. Journal of Crystal Growth, 2006, 287, 694-697.	1.5	3
120	Effect of template layer on formation of flat-surface $\hat{\Gamma}^2$ -FeSi ₂ epitaxial films on (111) Si by metal-organic chemical vapor deposition. Journal of Crystal Growth, 2006, 289, 37-43.	1.5	7
121	Structural modulation in bismuth cuprate superconductor observed by X-ray reciprocal space mapping. Journal of Crystal Growth, 2006, 287, 483-485.	1.5	20
122	Photoluminescence properties of Si/ $\hat{\Gamma}^2$ -FeSi ₂ /Si double heterostructure. Thin Solid Films, 2006, 508, 380-384.	1.8	8
123	Fabrication of High Performance Polymeric Microfluidic Device by a Simple Imprinting Method using a Photosensitive Sheet. Japanese Journal of Applied Physics, 2006, 45, L64-L67.	1.5	6
124	Twin-Free Epitaxial Films Lateral Relation between YSZ(111) and Si(111). Japanese Journal of Applied Physics, 2006, 45, L1328-L1330.	1.5	10
125	Crystal Growth of $\hat{\Gamma}^2$ -FeSi ₂ Thin Film on (100), (110) and (111) Plane of Si and Yttria-stabilized Zirconia Substrates. Materials Research Society Symposia Proceedings, 2006, 980, 47.	0.1	0
126	Strain-amplified structural modulation of Bi-cuprate high-T _c superconductors. Physical Review B, 2006, 74, .	3.2	30

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127	Effect of oxygen pressure on structural modulation observed by X-ray reciprocal space mapping in epitaxial bismuth cuprate superconducting film. <i>Europysics Letters</i> , 2005, 71, 686-691.	2.0	3
128	Epitaxial Pt Films with Different Orientations Grown on (100)Si Substrates by RF Magnetron Sputtering. <i>Japanese Journal of Applied Physics</i> , 2005, 44, 5102-5106.	1.5	25
129	Photoluminescence Properties from \hat{I}^2 -FeSi ₂ Film Epitaxially Grown on Si, YSZ and Si//YSZ. <i>Japanese Journal of Applied Physics</i> , 2005, 44, L303-L305.	1.5	23
130	Structural Modulation in Oxygen Deficient Epitaxial Bi ₂ Sr ₂ Ca ₁ Cu ₂ O _x Observed by X-ray Reciprocal Space Mapping. <i>Japanese Journal of Applied Physics</i> , 2005, 44, 156-157.	1.5	3
131	Structural modulation on multilayered bismuth cuprate observed by x-ray reciprocal space mapping. <i>Journal of Applied Physics</i> , 2005, 97, 103904.	2.5	32
132	Epitaxial Growth of (100)-Oriented \hat{I}^2 -FeSi ₂ Thin Films on Insulating Substrates. <i>Japanese Journal of Applied Physics</i> , 2005, 44, 2496-2501.	1.5	5
133	Thermal Anemometer Using a Micro-Air-Bridge Heater. <i>IEEJ Transactions on Sensors and Micromachines</i> , 2005, 125, 124-128.	0.1	1
134	Effect of Buffer Layer on Epitaxial Growth of YSZ Deposited on Si Substrate by Slower Q-switched 266 nm YAG Laser. <i>Japanese Journal of Applied Physics</i> , 2004, 43, 1532-1535.	1.5	17
135	Modulation derived satellite peaks in x-ray reciprocal mapping on bismuth cuprate superconductor film. <i>Applied Physics Letters</i> , 2004, 85, 2301-2303.	3.3	34
136	Epitaxial Ytria-stabilized Zirconia (YSZ) Film Deposited on Si(100) Substrate by YAG Laser. <i>Shinku/Journal of the Vacuum Society of Japan</i> , 2004, 47, 581-584.	0.2	0
137	Epitaxial Growth of \hat{I}^2 -FeSi ₂ on Single Crystal Insulator. , 2004, , .		0
138	Preliminary Monitoring of Bisphenol A and Nonylphenol in Human Semen by Sensitive High Performance Liquid Chromatography and Capillary Electrophoresis After Proteinase K Digestion. <i>Analytical Letters</i> , 2003, 36, 2659-2667.	1.8	9
139	Bi ₂ Sr ₂ Ca ₁ Cu ₂ O _x Thin Film Deposition by Q-switched YAG Laser. <i>Shinku/Journal of the Vacuum Society of Japan</i> , 2003, 46, 453-456.	0.2	0
140	Effect of Strain in Epitaxially Grown SrRuO ₃ Thin Films on Crystal Structure and Electric Properties. <i>Japanese Journal of Applied Physics</i> , 2002, 41, 5376-5380.	1.5	45
141	Bi ₂ Sr ₂ Ca ₁ Cu ₂ O _x film prepared using 266 nm YAG laser. <i>Physica C: Superconductivity and Its Applications</i> , 2002, 378-381, 1270-1273.	1.2	4
142	Sensitive determination of bisphenol A and alkylphenols by high performance liquid chromatography with pre-column derivatization with 2-(4-carboxyphenyl)-5,6-dimethylbenzimidazole. <i>Biomedical Chromatography</i> , 2001, 15, 403-407.	1.7	13
143	Determination of bisphenol A and 10 alkylphenols in serum using SDS micelle capillary electrophoresis with β -cyclodextrin. <i>Biomedical Chromatography</i> , 2001, 15, 437-442.	1.7	9
144	Preparation of BiSrCaCuO Multilayers by Use of Slower Q-switched 266 nm YAG Laser. <i>Japanese Journal of Applied Physics</i> , 2001, 40, 4870-4873.	1.5	30

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145	Structure and Superconducting Properties of Nb/Pd Multilayers. , 1999, , 1137-1140.		0
146	Determination of Cyclosporine A by High-Performance Liquid Chromatography with Aryl Oxalate Chemiluminescence Detection. Analytical Letters, 1998, 31, 621-629.	1.8	4
147	Superconducting transition temperatures and structure of MBE-grown Nb/Pd multilayers. Physical Review B, 1998, 58, 8229-8231.	3.2	17
148	Determination of Estrogens by High Performance Liquid Chromatography with Pre-Label Derivatization with 2-(4-Carboxy)-5,6-Dimethylbenzimidazole (II): Shortening of Analysis Time and Application to Monitoring Estrogen in Serum From In-Vitro Fertilization Embryo Transfer (IVF-ET) Patients. Analytical Letters, 1998, 31, 2145-2158.	1.8	8
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