

# Yutaka Majima

## List of Publications by Year in descending order

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149  
papers

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docs citations

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3385  
citing authors

#	ARTICLE	IF	CITATIONS
1	Thermodynamic Picture of Phase Segregation during the Formation of Bicontinuous Concentric Lamellar (<i>bcl</i>) Silica. Langmuir, 2022, 38, 1368-1379.	1.6	6
2	Large coercivity of 13 kOe in L1<sub>0</sub>-ordered CoPt on Si/SiO<sub>2</sub> substrates by hydrogen annealing. Japanese Journal of Applied Physics, 2022, 61, 065002.	0.8	2
3	Suppression Mechanisms of the Solid-Electrolyte Interface Formation at the Triple-Phase Interfaces in Thin-Film Li-Ion Batteries. ACS Applied Materials & Interfaces, 2021, 13, 34027-34032.	4.0	0
4	20-nm-Nanogap oxygen gas sensor with solution-processed cerium oxide. Sensors and Actuators B: Chemical, 2021, 343, 130098.	4.0	10
5	Towards single electron transistor-based photon detection with microplasma-enabled graphene quantum dots. Nanotechnology, 2021, 32, 50LT01.	1.3	5
6	A Smart Food Label Utilizing Roll-to-Roll Gravure Printed NFC Antenna and Thermistor to Replace Existing "Use-By-Date" System. IEEE Sensors Journal, 2020, 20, 2106-2116.	2.4	17
7	Interdiffusion during heteroepitaxial Au growth on Pd thin films by electroless Au plating (ELGP) at room temperature. Applied Physics Express, 2020, 13, 015006.	1.1	5
8	Formation of L1<sub>0</sub>-ordered CoPt during interdiffusion of electron-beam-deposited Pt/Co bilayer thin films on Si/SiO<sub>2</sub> substrates by rapid thermal annealing. Materials Research Express, 2020, 7, 066101.	0.8	6
9	Revealing the Real Size of a Porphyrin Molecule with Quantum Confinement Probing via Temperature-Dependent Photoluminescence Spectroscopy. Journal of Physical Chemistry A, 2020, 124, 2672-2682.	1.1	18
10	Fully R2R-Printed Carbon-Nanotube-Based Limitless Length of Flexible Active Matrix for Electrophoretic Display Application. Advanced Electronic Materials, 2020, 6, 1901431.	2.6	49
11	Solution-Processed Silicane Field-Effect Transistor: Operation Due to Stacking Defects on the Channel. Advanced Functional Materials, 2020, 30, 1908746.	7.8	4
12	Ti underlayer effect on the ordering of CoPt in (Co/Pt)<sub>4</sub> multilayer thin films on Si/SiO<sub>2</sub> substrates. Japanese Journal of Applied Physics, 2020, 59, 075504.	0.8	5
13	Impact of Orbital Hybridization at Molecule-Metal Interface on Carrier Dynamics. Journal of Physical Chemistry C, 2019, 123, 25877-25882.	1.5	7
14	Enhancement of Ultrahigh Rate Chargeability by Interfacial Nanodot BaTiO<sub>3</sub> Treatment on LiCoO<sub>2</sub> Cathode Thin Film Batteries. Nano Letters, 2019, 19, 1688-1694.	4.5	47
15	Heteroepitaxial spherical electroless Au-plated Pt-based nanogap electrodes of radius 5 nm and gap separation 0.7 nm. Applied Physics Express, 2019, 12, 125003.	1.1	10
16	Single-molecule single-electron transistor (SM-SET) based on π-conjugated quinoidal-fused oligosilole and heteroepitaxial spherical Au/Pt nanogap electrodes. Applied Physics Express, 2019, 12, 125007.	1.1	13
17	Robust Pt-based nanogap electrodes with 10 nm scale ultrafine linewidth. Applied Physics Express, 2019, 12, 025002.	1.1	13
18	Coherent Resonant Electron Tunneling at 9 and 300 K through a 4.5 nm Long, Rigid, Planar Organic Molecular Wire. ACS Omega, 2018, 3, 5125-5130.	1.6	16

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19	An Electroactive Binder in the Formulation of IGZO Ink to Print an IGZO-Based Rectifier for Harvesting Direct Current (DC) Power from the Near Field Communication (NFC) Signal of a Smartphone. <i>Advanced Electronic Materials</i> , 2018, 4, 1800078.	2.6	8
20	Coulomb blockade and Coulomb staircase behavior observed at room temperature. <i>Materials Research Express</i> , 2017, 4, 024004.	0.8	9
21	Quantum Chemical Studies on Electron-Accepting Overcrowded Ethylene with a Polarizable Skeleton. <i>Journal of Physical Chemistry A</i> , 2017, 121, 7797-7806.	1.1	2
22	Proving Scalability of an Organic Semiconductor To Print a TFT-Active Matrix Using a Roll-to-Roll Gravure. <i>ACS Omega</i> , 2017, 2, 5766-5774.	1.6	38
23	Molecular floating-gate single-electron transistor. <i>Scientific Reports</i> , 2017, 7, 1589.	1.6	12
24	Three-input gate logic circuits on chemically assembled single-electron transistors with organic and inorganic hybrid passivation layers. <i>Science and Technology of Advanced Materials</i> , 2017, 18, 374-380.	2.8	13
25	Enhancement of discrete changes in resistance in engineered VO <sub>2</sub> heterointerface nanowall wire. <i>Applied Physics Express</i> , 2017, 10, 115001.	1.1	8
26	Characterization of copper microelectrodes, following a homemade lithography, technique, and gold electroless deposition. <i>Revista Materia</i> , 2016, 21, 252-259.	0.1	4
27	Polymerization of a divalent/tetravalent metal-storing atom-mimicking dendrimer. <i>Science Advances</i> , 2016, 2, e1601414.	4.7	14
28	Integration of colloidal silicon nanocrystals on metal electrodes in single-electron transistor. <i>Applied Physics Letters</i> , 2016, 109, .	1.5	6
29	Memory operations in Au nanoparticle single-electron transistors with floating gate electrodes. <i>Applied Physics Letters</i> , 2016, 109, .	1.5	8
30	Thermal oxidation of amorphous germanium thin films on SiO <sub>2</sub> substrates. <i>Semiconductor Science and Technology</i> , 2016, 31, 125017.	1.0	8
31	Rhombic Coulomb diamonds in a single-electron transistor based on an Au nanoparticle chemically anchored at both ends. <i>Nanoscale</i> , 2016, 8, 4720-4726.	2.8	14
32	Ripple-Free Graphene Sheets on Alkanethiol Self-Assembled Monolayers Provided from Unzipped Multi-Walled Carbon Nanotubes. <i>Journal of Nanoscience and Nanotechnology</i> , 2015, 15, 1203-1208.	0.9	0
33	Scalability of carbon-nanotube-based thin film transistors for flexible electronic devices manufactured using an all roll-to-roll gravure printing system. <i>Scientific Reports</i> , 2015, 5, 14459.	1.6	54
34	Radio-frequency capacitance spectroscopy of metallic nanoparticles. <i>Scientific Reports</i> , 2015, 5, 10858.	1.6	10
35	Origin of mobility enhancement by chemical treatment of gate-dielectric surface in organic thin-film transistors: Quantitative analyses of various limiting factors in pentacene thin films. <i>Journal of Applied Physics</i> , 2015, 118, .	1.1	10
36	Chemically assembled double-dot single-electron transistor analyzed by the orthodox model considering offset charge. <i>Journal of Applied Physics</i> , 2015, 118, .	1.1	14

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37	Control of charging energy in chemically assembled nanoparticle single-electron transistors. <i>Nanotechnology</i> , 2015, 26, 045702.	1.3	19
38	Gap separation-controlled nanogap electrodes by molecular ruler electroless gold plating. <i>RSC Advances</i> , 2015, 5, 22160-22167.	1.7	67
39	Nanoparticle characterization based on STM and STS. <i>Chemical Society Reviews</i> , 2015, 44, 970-987.	18.7	82
40	STM Characterization of $\epsilon$ -Electron Systems. , 2015, , 621-634.		0
41	Characterization of Ni thin films following thermal oxidation in air. <i>Journal of Vacuum Science and Technology B: Nanotechnology and Microelectronics</i> , 2014, 32, .	0.6	65
42	Epitaxial growth of $\text{YBaCuO}_{7-\delta}$ films on $\text{SrTiO}_3$ (100) by direct solution precursor deposition. <i>Journal of Physics: Conference Series</i> , 2014, 507, 012005.	0.3	1
43	Reorientation Response of Magnetic Microspheres Attached to Gold Electrodes Under an Applied Magnetic Field. <i>Brazilian Journal of Physics</i> , 2013, 43, 209-213.	0.7	3
44	Fabrication and Characterization of Fully Flattened Carbon Nanotubes: A New Graphene Nanoribbon Analogue. <i>Scientific Reports</i> , 2013, 3, 1617.	1.6	39
45	Negative Differential Resistance by Molecular Resonant Tunneling between Neutral Tribenzosubporphine Anchored to a Au(111) Surface and Tribenzosubporphine Cation Adsorbed on to a Tungsten Tip. <i>Journal of the American Chemical Society</i> , 2013, 135, 14159-14166.	6.6	32
46	Silicon Nitride-Passivated Bottom-Up Single-Electron Transistors. <i>Japanese Journal of Applied Physics</i> , 2013, 52, 110101.	0.8	9
47	Random telegraph signals by alkanethiol-protected Au nanoparticles in chemically assembled single-electron transistors. <i>Journal of Applied Physics</i> , 2013, 114, .	1.1	13
48	Secondary resonance magnetic force microscopy. <i>Journal of Applied Physics</i> , 2012, 111, 084312.	1.1	12
49	Synthesis, Structure, Physical Properties, and Displacement Current Measurement of an n-Type Organic Semiconductor: 2:3,5:6-Bis(1,1-dicyanoethylene-2,2-dithiolate)-quinone. <i>Australian Journal of Chemistry</i> , 2012, 65, 1674.	0.5	10
50	Uniform charging energy of single-electron transistors by using size-controlled Au nanoparticles. <i>Applied Physics Letters</i> , 2012, 100, 033101.	1.5	52
51	Characterization of thiol-functionalized oligo(phenylene-ethynylene)-protected Au nanoparticles by scanning tunneling microscopy and spectroscopy. <i>Applied Physics Letters</i> , 2012, 101, 083115.	1.5	13
52	Ideal Discrete Energy Levels in Synthesized Au Nanoparticles for Chemically Assembled Single-Electron Transistors. <i>ACS Nano</i> , 2012, 6, 9972-9977.	7.3	24
53	Robust nanogap electrodes by self-terminating electroless gold plating. <i>Nanoscale</i> , 2012, 4, 7161.	2.8	86
54	Platonic Hexahedron Composed of Six Organic Faces with an Inscribed Au Cluster. <i>Journal of the American Chemical Society</i> , 2012, 134, 816-819.	6.6	25

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55	Crystallization and electrical resistivity of Cu <sub>2</sub> O and CuO obtained by thermal oxidation of Cu thin films on SiO <sub>2</sub> /Si substrates. <i>Thin Solid Films</i> , 2012, 520, 6368-6374.	0.8	250
56	The Irreversibility Line and Curie-Weiss Temperature of the Superconductor LaCaBaCu <sub>3-x</sub> (BO <sub>3</sub> ) <sub>x</sub> with x= 0.2 and 0.3. <i>Physics Procedia</i> , 2012, 36, 354-359.	1.2	4
57	Room-temperature single molecular memory. <i>Applied Physics Letters</i> , 2012, 100, 053101.	1.5	9
58	Single-Electron Transistor made by Au Nanoparticles and Nanogap Electrodes. <i>Journal of the Vacuum Society of Japan</i> , 2012, 55, 328-332.	0.3	3
59	Logic Operations of Chemically Assembled Single-Electron Transistor. <i>ACS Nano</i> , 2012, 6, 2798-2803.	7.3	79
60	Coulomb blockade behaviors in individual Au nanoparticles as observed through noncontact atomic force spectroscopy at room temperature. <i>Nanotechnology</i> , 2012, 23, 185704.	1.3	4
61	Mössbauer study of contaminated soils by industrial activity in Paramonga city, Region Lima Provinces, Peru. <i>Hyperfine Interactions</i> , 2012, 211, 147-152.	0.2	1
62	Resistive Switching Effects in Metallic Nanogap Electrode Fabricated by Electroless Gold Plating. <i>Applied Physics Express</i> , 2012, 5, 085201.	1.1	7
63	Nanoparticle single-electron transistor with metal-bridged top-gate and nanogap electrodes. <i>Applied Physics Letters</i> , 2011, 99, .	1.5	24
64	Individual transport of electrons through a chemisorbed Au nanodot in Coulomb blockade electron shuttles. <i>Journal of Applied Physics</i> , 2011, 109, .	1.1	3
65	Synthesis and characterization of hollow $\hat{\pm}$ -Fe <sub>2</sub> O <sub>3</sub> sub-micron spheres prepared by sol-gel. <i>Hyperfine Interactions</i> , 2011, 202, 131-137.	0.2	12
66	Aging effect in CaLaBa{Cu <sub>1-x</sub> Fex}3O <sub>7</sub> with 0 ≤ x ≤ 0.07 studied by Mössbauer spectroscopy. <i>Hyperfine Interactions</i> , 2011, 203, 119-124.	0.2	4
67	TiO <sub>2</sub> Composites for Efficient Poly(3-thiophene acetic acid) Sensitized Solar Cells. <i>Journal of the Electrochemical Society</i> , 2011, 158, B106.	1.3	7
68	Interface trap level in top-contact pentacene thin-film transistors evaluated by displacement current measurement. <i>Organic Electronics</i> , 2010, 11, 594-598.	1.4	11
69	Single-electron transistors fabricated by electroless plated nanogap electrodes and chemisorbed Au nanoparticles. , 2010, , .		0
70	Single-Electron Transistor Fabricated by Two Bottom-Up Processes of Electroless Au Plating and Chemisorption of Au Nanoparticle. <i>Japanese Journal of Applied Physics</i> , 2010, 49, 090206.	0.8	46
71	Attaching Thiolated Superconductor Grains on Gold Surfaces for Nanoelectronics Applications. <i>Japanese Journal of Applied Physics</i> , 2010, 49, 093102.	0.8	5
72	Molecular Orientation of Individual Lu@C <sub>82</sub> Molecules Demonstrated by Scanning Tunneling Microscopy. <i>Journal of Physical Chemistry C</i> , 2010, 114, 14704-14709.	1.5	27

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73	Surface Potential of 1,10-Decanedithiol Molecules Inserted into Octanethiol Self-Assembled Monolayers on Au(111). <i>Journal of Physical Chemistry C</i> , 2010, 114, 8120-8125.	1.5	5
74	Controlled electroplating and electromigration in nickel electrodes for nanogap formation. <i>Nanotechnology</i> , 2010, 21, 445304.	1.3	26
75	Room-Temperature Coulomb Blockade from Chemically Synthesized Au Nanoparticles Stabilized by Acid-Base Interaction. <i>Applied Physics Express</i> , 2010, 3, 105003.	1.1	38
76	Au Nanoparticles Chemisorbed by Dithiol Molecules Inserted in Alkanethiol Self-Assembled Monolayers Characterized by Scanning Tunneling Microscopy. <i>Japanese Journal of Applied Physics</i> , 2009, 48, 04C180.	0.8	22
77	Crystallization and surface morphology of Au/SiO <sub>2</sub> thin films following furnace and flame annealing. <i>Surface Science</i> , 2009, 603, 2978-2985.	0.8	46
78	A Study of the Behavior of SE and BSE in UltraLow Landing Voltage Condition. <i>Microscopy and Microanalysis</i> , 2009, 15, 662-663.	0.2	1
79	Frequency Dependences of Displacement Current and Channel Current in Pentacene Thin-Film Transistors. <i>Japanese Journal of Applied Physics</i> , 2008, 47, 3167-3169.	0.8	13
80	Simultaneous Measurements of Drain-to-Source Current and Carrier Injection Properties of Top-Contact Pentacene Thin-Film Transistors. <i>Japanese Journal of Applied Physics</i> , 2007, 46, 390-393.	0.8	13
81	Detection of One-Angstrom Deformation of Au(111)/Mica Cantilever due to Thermal Expansion under the Application of Resonant RF Signal by Tunneling Current. <i>Japanese Journal of Applied Physics</i> , 2007, 46, L920-L922.	0.8	0
82	Simultaneous fabrication of nanogap gold electrodes by electroless gold plating using a common medical liquid. <i>Applied Physics Letters</i> , 2007, 91, 203107.	1.5	68
83	Simultaneous observation of magnetic domain structure and topography of Fe <sub>70</sub> Co <sub>30</sub> using scanning Lorentz force microscopy. <i>Applied Physics Letters</i> , 2007, 90, 053110.	1.5	1
84	One by one single-electron transport in nanomechanical Coulomb blockade shuttle. <i>Applied Physics Letters</i> , 2007, 91, .	1.5	24
85	Cantilever Resonance Detected by Tunneling Current under Application of RF Signal. <i>Japanese Journal of Applied Physics</i> , 2007, 46, 3152-3154.	0.8	4
86	Interaction Control Between Endohedral Metallofullerene and Metal Substrate by Introducing Alkanethiol Self-Assembled Monolayer. <i>Journal of Nanoscience and Nanotechnology</i> , 2006, 6, 3460-3463.	0.9	2
87	Analytical Model of Organic Field-Effect Transistor Based on Gradual Channel Approximation with Field-Dependent Mobility. <i>Japanese Journal of Applied Physics</i> , 2006, 45, L27-L29.	0.8	8
88	Stochastic Single-Molecule Conductance Switching of Nitro-Substituted Oligo(phenylene-ethynylene) in Matrix of Low-Density Alkanethiol Self-Assembled Monolayers. <i>Japanese Journal of Applied Physics</i> , 2006, 45, L840-L842.	0.8	8
89	Bias Stress Induced Threshold Voltage Shift in Pentacene Thin-Film Transistors. <i>Japanese Journal of Applied Physics</i> , 2006, 45, L1127-L1129.	0.8	43
90	Single Electron on a Nanodot in a Double-Barrier Tunneling Structure Observed by Noncontact Atomic-Force Spectroscopy. <i>Physical Review Letters</i> , 2006, 96, 016108.	2.9	55

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91	Verification of Au Nanodot Size Dependence on Coulomb Step Width by Non-contact Atomic-force Spectroscopy. IEICE Transactions on Electronics, 2006, E89-C, 1755-1757.	0.3	0
92	Special Section on Towards the Realization of Organic Molecular Electronics. IEICE Transactions on Electronics, 2006, E89-C, 1725-1726.	0.3	0
93	Tunneling resistance of double-barrier tunneling structures with an alkanethiol-protected Au nanoparticle. Physical Review B, 2005, 72, .	1.1	65
94	Anomalous negative differential conductance in nanomechanical double barrier tunneling structures. Applied Physics Letters, 2005, 87, 163110.	1.5	16
95	Single Molecular Orientation Switching of an Endohedral Metallofullerene. Nano Letters, 2005, 5, 1057-1060.	4.5	128
96	Observation of Current Modulation through Self-Assembled Monolayer Molecule in Transistor Structure. Japanese Journal of Applied Physics, 2004, 43, L337-L339.	0.8	5
97	Observation of Displacement Current Staircase and Negative Differential Resistance in Nanomechanical Double-Barrier Tunneling Structures with Scanning Vibrating Probe. Japanese Journal of Applied Physics, 2003, 42, 2458-2461.	0.8	5
98	Small Au/SAM/Au junctions by EB lithography. , 2003, 4999, 307.		0
99	Scanning Lorentz force microscopy. Applied Physics Letters, 2002, 81, 2872-2874.	1.5	5
100	Observation of Coulomb staircases of both tunneling current and displacement current in nanomechanical double barrier tunneling structures. Applied Physics Letters, 2002, 81, 544-546.	1.5	21
101	Displacement Current Staircase in Mechanical Single-Electron Turnstiles. Japanese Journal of Applied Physics, 2002, 41, 5381-5385.	0.8	12
102	Interfacial electrostatic phenomena in phthalocyanine Langmuir-Blodgett films. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2002, 198-200, 729-734.	2.3	3
103	Determination of Surface Space Charge Density on Semiconductor from Displacement Current-Voltage Curve using a Scanning Vibrating Probe. Materials Research Society Symposia Proceedings, 2001, 699, 431.	0.1	0
104	The waveform separation of displacement current and tunneling current using a scanning vibrating probe. Thin Solid Films, 2001, 393, 204-209.	0.8	7
105	Orientalional order study of 4-alkyl-4-cyanobiphenyl Langmuir films by Maxwell displacement current and optical second harmonic generation measurements. Thin Solid Films, 2001, 393, 86-91.	0.8	13
106	Effect of the metal/organic interface phenomena on the current-voltage characteristics of organic single electron tunneling device. Thin Solid Films, 2001, 393, 379-382.	0.8	10
107	Photoisomerization of Azobenzene Dendrimer Monolayer Investigated by Maxwell Displacement Current Technique. Japanese Journal of Applied Physics, 2001, 40, 7085-7090.	0.8	8
108	Interfacial Electrostatic Phenomena in Phthalocyanine Langmuir-Blodgett Films under Photoillumination. Japanese Journal of Applied Physics, 2001, 40, 1315-1321.	0.8	9



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109	Development of Scanning Displacement Current Microscope. <i>Molecular Crystals and Liquid Crystals</i> , 2001, 370, 297-300.	0.3	0
110	Space charge effect and the step voltages in metal/polyimide/rhodamineâ€“dendrimer/polyimide/metal junctions. <i>Journal of Applied Physics</i> , 2001, 90, 1368-1375.	1.1	7
111	Measurement of semiconductor local carrier concentration from displacement current-voltage curves with a scanning vibrating probe. <i>Physical Review B</i> , 2000, 62, 1971-1977.	1.1	18
112	Orientational Transition of P-pentyl-p'-cyano-biphenyls Triggered by Conformational Change of Surface Azobenzene Monolayer. <i>Japanese Journal of Applied Physics</i> , 1999, 38, 5984-5990.	0.8	2
113	Interfacial electronic density of states in phthalocyanine derivative Langmuirâ€“Blodgett films determined by surface potential measurement. <i>Journal of Applied Physics</i> , 1999, 86, 3848-3852.	1.1	16
114	Analysis of scanning probe used for simultaneous measurement of tunneling current and surface potential. <i>Journal of Applied Physics</i> , 1999, 86, 7087-7093.	1.1	25
115	Analysis of the Dielectric Relaxation Property of Phospholipid Monolayers by Maxwell Displacement Current Measurement. <i>Journal of Colloid and Interface Science</i> , 1999, 218, 118-121.	5.0	2
116	Space charge distribution of organic-molecular-beam-deposited titanylphthalocyanine films on metal electrodes. <i>Journal of Applied Physics</i> , 1999, 86, 3229-3233.	1.1	5
117	Analysis of dielectric relaxation phenomena of monolayer films by monolayer compression. <i>Thin Solid Films</i> , 1998, 327-329, 228-231.	0.8	1
118	Investigation of dielectric relaxation phenomena in liquid crystal monolayer at the airâ€“water interface. <i>Thin Solid Films</i> , 1998, 327-329, 232-235.	0.8	1
119	Molecular switching in phospholipid-azobenzene mixed monolayers by photoisomerization. <i>Thin Solid Films</i> , 1998, 331, 239-247.	0.8	9
120	Determination of the Piezoelectric Coefficient of Monolayers on Water Surface by Maxwell-Displacement-Current Measurement. <i>Japanese Journal of Applied Physics</i> , 1998, 37, 215-216.	0.8	4
121	Determination of Dielectric Relaxation Time of Langmuir-Films by a Whole-Curve Method Using the Maxwell Displacement Current. <i>Japanese Journal of Applied Physics</i> , 1998, 37, 5655-5658.	0.8	4
122	Tunneling Current and Surface Potential Simultaneous Measurement Using a Scanning Probe. <i>Japanese Journal of Applied Physics</i> , 1998, 37, 4557-4560.	0.8	18
123	Dielectric Relaxation Phenomena of a Liquid Crystal Monolayer at the Air-Water Interface. <i>Japanese Journal of Applied Physics</i> , 1997, 36, 5237-5241.	0.8	7
124	Novel approach for hole-blocking in light-emitting electrochemical cells. <i>Synthetic Metals</i> , 1997, 91, 87-89.	2.1	10
125	Polysilane spherulites and their high photoluminescence quantum yields. <i>Journal of Polymer Science Part A</i> , 1997, 35, 427-430.	2.5	14
126	Oxygen-crosslinked polysilane: the new class of Si-related material for electroluminescent devices. <i>Polymers for Advanced Technologies</i> , 1997, 8, 465-470.	1.6	6



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127	Energy Transfer and Electron Transfer Distances in Heteropolysilane Langmuir-Blodgett Films. <i>Macromolecules</i> , 1996, 29, 4187-4191.	2.2	11
128	Anomalous Transition in Charge Transport Behavior of Polysilane. <i>Japanese Journal of Applied Physics</i> , 1995, 34, 3820-3824.	0.8	4
129	Preparation of Oriented Langmuir-Blodgett Films of Polysilanes Bearing Hydroxyalkyl or Alkoxyalkyl Groups. <i>Macromolecules</i> , 1994, 27, 1911-1914.	2.2	37
130	Detection of Electron Transfer in Multilayer Systems by a Displacement Current-Measuring Technique. <i>Japanese Journal of Applied Physics</i> , 1992, 31, 2140-2144.	0.8	5
131	Reversible Displacement Current Generation Due to Photochromism in a Spread Monolayer: Influence of Molecular Orientation. <i>Japanese Journal of Applied Physics</i> , 1992, 31, 864-867.	0.8	14
132	Detection of electron transfer between single monolayers by a Maxwell-displacement-current measuring technique. <i>Physical Review B</i> , 1992, 46, 10479-10482.	1.1	6
133	Generation of Maxwell displacement current from spread monolayers containing azobenzene. <i>Journal of Applied Physics</i> , 1992, 72, 1631-1636.	1.1	196
134	Maxwell displacement current generation due to trans-cis photoisomerization in monolayer Langmuir-Blodgett film. <i>Journal of Applied Physics</i> , 1992, 72, 1637-1641.	1.1	14
135	Detection of optical molecular switching in monolayers by displacement current measurement. <i>Thin Solid Films</i> , 1992, 210-211, 82-85.	0.8	7
136	A living monolayer of lipid showing well-regulated displacement-current generation. <i>Thin Solid Films</i> , 1992, 210-211, 86-88.	0.8	5
137	Detection of the reorganization of monolayers at the air-water interface by displacement current measurement. <i>Thin Solid Films</i> , 1992, 210-211, 101-104.	0.8	3
138	Generation of the displacement current by the transformation of J-aggregates in spreading monolayers of squarylium dye. <i>Chemical Physics Letters</i> , 1992, 195, 45-49.	1.2	7
139	Generation of Maxwell displacement current across an azobenzene monolayer by photoisomerization. <i>Nature</i> , 1991, 353, 645-647.	13.7	130
140	Study of the Dynamic Behavior of Stearic Acid Monolayers at the Air-Water Interface in the Range of Low Surface Pressures by a Current-Measuring Technique. <i>Japanese Journal of Applied Physics</i> , 1991, 30, 126-130.	0.8	13
141	Displacement Current Generated by Photo-Induced Molecular Switching in a Single Monolayer. <i>Japanese Journal of Applied Physics</i> , 1991, 30, 1020-1023.	0.8	17
142	A new displacement current measuring system coupled with the Langmuir-film technique. <i>Review of Scientific Instruments</i> , 1991, 62, 2228-2233.	0.6	44
143	Investigations of the dynamic behavior of fatty acid monolayers at the air-water interface using a displacement current measuring technique coupled with the Langmuir-film technique. <i>Journal of Chemical Physics</i> , 1991, 94, 5135-5142.	1.2	87
144	Investigation of photoinduced molecular switching in a single monolayer by a displacement current measuring technique. <i>Journal of Chemical Physics</i> , 1991, 95, 8561-8567.	1.2	31

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145	Studies on the Dynamic Behavior of Fatty Acid Monolayers at the Air-Water Interface by a Current-Measuring Technique. Japanese Journal of Applied Physics, 1990, 29, 564-568.	0.8	23
146	Investigation of a Langmuir Film Using a Current-Measuring Technique: Influence of the Behavior of Monolayers at the Edge of the LB Trough. Japanese Journal of Applied Physics, 1989, 28, 1922-1925.	0.8	16
147	Investigation of a fatty acid monolayer at the air-water interface using a current-measuring technique. Thin Solid Films, 1989, 178, 67-72.	0.8	30
148	Determination of the Dipole Moment of a Monolayer at the Air/Water Interface Using a Current-Measuring Technique. Japanese Journal of Applied Physics, 1988, 27, 721-725.	0.8	58
149	Roll-to-Roll Gravure-Printed Carbon Nanotube-Based Transistor Arrays for a Digital Column Chromatograph. Advanced Materials Technologies, 0, , 2101243.	3.0	4