Koji Miyake

List of Publications by Year in descending order

137 papers	2,560 citations	201674 27 h-index	214800 47 g-index
137 all docs	137 docs citations	137 times ranked	2979 citing authors

#	Article	IF	Citations
1	Applying Micro-Texture to Cast Iron Surfaces to Reduce the Friction Coefficient Under Lubricated Conditions. Tribology Letters, 2007, 28, 131-137.	2.6	195
2	The Molecular Abacus:Â STM Manipulation of Cyclodextrin Necklace. Journal of the American Chemical Society, 2000, 122, 5411-5412.	13.7	164
3	Elastic modulus of polystyrene film from near surface to bulk measured by nanoindentation using atomic force microscopy. Applied Physics Letters, 2006, 89, 031925.	3.3	150
4	Fabrication of Densely Packed Titania Nanosheet Films on Solid Surface by Use of Langmuirâ˜Blodgett Deposition Method without Amphiphilic Additives. Langmuir, 2005, 21, 6590-6595.	3.5	144
5	Formation Process of Cyclodextrin Necklaceâ˜Analysis of Hydrogen Bonding on a Molecular Level. Journal of the American Chemical Society, 2003, 125, 5080-5085.	13.7	129
6	Fabric pressure sensor array fabricated with die-coating and weaving techniques. Sensors and Actuators A: Physical, 2012, 184, 57-63.	4.1	112
7	Surface Patterning with Two-Dimensional Porphyrin Supramolecular Arrays. Journal of the American Chemical Society, 2005, 127, 10400-10405.	13.7	88
8	STM Observation of Alkyl-Chain-Assisted Self-Assembled Monolayers of Pyridine-Coordinated Porphyrin Rhodium Chlorides. Langmuir, 2004, 20, 5454-5459.	3.5	71
9	Arrays of Double-Decker Porphyrins on Highly Oriented Pyrolytic Graphite. Langmuir, 2006, 22, 5708-5715.	3.5	71
10	Rotational Libration of a Double-Decker Porphyrin Visualized. Journal of the American Chemical Society, 2010, 132, 6870-6871.	13.7	58
11	Study of the adsorption structure of NO on Pt(111) by scanning tunneling microscopy and high-resolution electron energy-loss spectroscopy. Surface Science, 2000, 454-456, 101-105.	1.9	53
12	Modification of surface-state dispersion upon Xe adsorption: A scanning tunneling microscope study. Physical Review B, 2000, 62, R16341-R16344.	3.2	48
13	Tribological Performance of Halogen-Free Ionic Liquids as Lubricants of Hard Coatings and Ceramics. Tribology Letters, 2013, 51, 243-249.	2.6	48
14	Phase Transition between $mbi{c} f (4imes 2)$ and $mbi{p}f (2imes 2)$ Structures of the Si(100) Surface at 6 K Caused by the Fluctuation of Phase Defects on Dimer Rows due to Dimer Flip-Flop Motion. Japanese Journal of Applied Physics, 1996, 35, L1081-L1084.	1.5	45
15	Alkyl Chain Length Dependence of the Self-Organized Structure of Alkyl-Substituted Phthalocyanines. Langmuir, 2008, 24, 4708-4714.	3.5	43
16	Oddâ€“even effect and metal induced structural convergence in self-assembled monolayers of bipyridine derivatives. Chemical Communications, 2007, , 1343-1345.	4.1	41
17	Tribological Properties of Patterned NiFe-Covered Si Surfaces. Tribology Letters, 2009, 35, 133-139.	2.6	39
18	Molecular Motion of Surface-Immobilized Double-Decker Phthalocyanine Complexes. Journal of the American Chemical Society, 2009, 131, 17808-17813.	13.7	39

#	Article	IF	Citations
19	Dual Porosity Single-Walled Carbon Nanotube Material. Nano Letters, 2009, 9, 3302-3307.	9.1	38
20	Molecular arrangement and electrical conduction of self-assembled monolayers made from terphenyl thiols. Surface Science, 2002, 514, 187-193.	1.9	37
21	Origin of the symmetric dimers in the Si(100) surface. Physical Review B, 1997, 55, 15448-15451.	3.2	36
22	The Effect of Pile-Up and Contact Area on Hardness Test by Nanoindentation. Japanese Journal of Applied Physics, 2004, 43, 4602-4605.	1.5	34
23	Adsorption structures of NO/Pt(111) investigated by scanning tunneling microscopy. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 1999, 17, 1577-1580.	2.1	31
24	Tribological Properties of Densely Packed Vertically Aligned Carbon Nanotube Film on SiC Formed by Surface Decomposition. Nano Letters, 2007, 7, 3285-3289.	9.1	31
25	Adsorption and growth of Xe adlayers on the Cu(111) surface. Physical Review B, 1999, 60, 16934-16940.	3.2	29
26	Two-Dimensional Structure Control by Molecular Width Variation with Metal Coordination. Langmuir, 2006, 22, 6910-6914.	3.5	29
27	Extended x-ray absorption fine structure study on the cerium(IV)-induced DNA hydrolysis: Implication to the roles of 4f orbitals in the catalysis. Applied Physics Letters, 1999, 74, 460-462.	3.3	28
28	Fabrication and evaluation of a conductive polymer coated elastomer contact structure for woven electronic textile. Sensors and Actuators A: Physical, 2013, 195, 213-218.	4.1	27
29	Effects of surface texture size on the tribological properties of slideways. Proceedings of the Institution of Mechanical Engineers, Part J: Journal of Engineering Tribology, 2010, 224, 885-890.	1.8	26
30	Analysis of the Interfacial Molecular Behavior of a Lubrication Film of n-Dodecane Containing Stearic Acid under Lubricating Conditions by Sum Frequency Generation Spectroscopy. Langmuir, 2016, 32, 13649-13656.	3.5	25
31	STM Observation of Labile Axial Ligands to Zinc Porphyrin at Liquid/Solid Interface. Chemistry Letters, 2007, 36, 740-741.	1.3	23
32	Surface dynamics studied by perturbing the surface with the tip of a scanning tunneling microscopeâ€"Si(100) at 80 K. Applied Physics Letters, 1998, 73, 40-42.	3.3	21
33	Conductive Probe AFM Measurements of Conjugated Molecular Wires. Annals of the New York Academy of Sciences, 2003, 1006, 164-186.	3.8	21
34	Electronic structure of the C defects of Si(001) measured by scanning tunneling spectroscope at room and low temperature (80 K). Surface Science, 2000, 447, 156-164.	1.9	20
35	Lubricity and chemical reactivity of ionic liquid used for sliding metals under high-vacuum conditions. Proceedings of the Institution of Mechanical Engineers, Part J: Journal of Engineering Tribology, 2009, 223, 1083-1090.	1.8	20
36	Molecular Behavior of Room-temperature Ionic Liquids under Lubricating Condition. Tribology Letters, 2013, 51, 227-234.	2.6	20

#	Article	IF	Citations
37	Effect of the Dipole-Dipole Interaction on the Self-Assembly of Cyclodextrin Inclusion Complexes. Japanese Journal of Applied Physics, 1999, 38, 3888-3891.	1.5	19
38	Tribological properties of self-assembled monolayers covalently bonded to Si. Applied Surface Science, 2008, 255, 3040-3045.	6.1	19
39	Scanning Tunneling Microscopy Observation of Self-Assembled Monolayers of Strapped Porphyrins. Langmuir, 2008, 24, 12877-12882.	3.5	19
40	Effect of Molecular Orientation Angle of Imidazolium Ring on Frictional Properties of Imidazolium-Based Ionic Liquid. Langmuir, 2014, 30, 8078-8084.	3.5	18
41	Seleniumâ€treated GaAs(001)â€2Ã—3 surface studied by scanning tunneling microscopy. Applied Physics Letters, 1994, 65, 607-609.	3.3	16
42	Fabrication of nanostripe surface structure by multilayer film deposition combined with micropatterning. Nanotechnology, 2010, 21, 095304.	2.6	15
43	Tribological properties of nanostripe surface structuresâ€”a design concept for improving tribological properties. Journal Physics D: Applied Physics, 2010, 43, 465302.	2.8	15
44	Self-assembly of bipyridine derivatives at solid/liquid interface: Effects of the number of peripheral alkyl chains and metal coordination on the two-dimensional structures. Surface Science, 2007, 601, 2520-2524.	1.9	14
45	Lattice Matching of Î±-CyclodextrinCommensurate with Molybdenum Disulfide Studied by Scanning Tunneling Microscopy. Japanese Journal of Applied Physics, 1994, 33, 3720-3722.	1.5	13
46	Electronic structure of Si(111)â€7Ã—7 phase boundary studied by scanning tunneling microscopy. Applied Physics Letters, 1995, 66, 3468-3470.	3.3	13
47	Dynamics of Phasons; Phase Defects Formed on Dimer Rows, and Related Structural Changes of the Si(100) Surface at 80 K Studied by Scanning Tunneling Microscopy. Japanese Journal of Applied Physics, 1997, 36, L294-L297.	1.5	13
48	Role of corner holes in Si(111)-7Ã—7 structural formationstudied byHBO2smolecular irradiation and quenching. Physical Review B, 1997, 55, 5360-5363.	3.2	13
49	Synthesis of Alkyl-substituted, Strapped Porphyrin to Prepare Stable Alkyl-chain-assisted Self-assembled Monolayers of Porphyrin Conjugates. Chemistry Letters, 2004, 33, 1418-1419.	1.3	13
50	Characterization of a SWNT-reinforced conductive polymer and patterning technique for applications of electronic textile. Sensors and Actuators A: Physical, 2011, 169, 378-382.	4.1	13
51	Scanning Tunneling Microscopy on Ordered Self-Assemblies of Cyclodextrin Inclusion Complexes Formed by Substrate-Induced Two-Dimensional Crystal Growth. Japanese Journal of Applied Physics, 1998, 37, 3844-3848.	1.5	12
52	Influence of Microstructure on the Wear Behavior of SiC-Reinforced Titanium-Matrix Composites Lubricated by Water and by Ethanol. Journal of the American Ceramic Society, 2008, 91, 508-513.	3.8	12
53	Selfâ€Supplying Liquidity Oilâ€Adsorbed Slippery Smooth Surface for Both Liquid and Solid Repellency. Advanced Materials Interfaces, 2020, 7, 1901818.	3.7	12
54	Tribological Behavior of SiC-Reinforced Ti3SiC2-Based Composites under Dry Condition and under Lubricated Condition with Water and Ethanol. Journal of the American Ceramic Society, 2006, 89, 060711111453003-???.	3.8	11

#	Article	IF	Citations
55	Effects of Surface Chemical Properties on the Frictional Properties of Self-Assembled Monolayers Lubricated with Oleic Acid. Tribology Online, 2012, 7, 218-224.	0.9	11
56	Young's modulus of plasmaâ€polymerized allylamine films using micromechanical cantilever sensor and laserâ€based surface acoustic wave techniques. Plasma Processes and Polymers, 2018, 15, 1800083.	3.0	11
57	Surface structures of GaAs passivated by chalcogen atoms. Applied Surface Science, 1994, 75, 169-174.	6.1	10
58	Quenched Si(111)-DAS (dimer-adatom-stacking fault) structures studied by scanning tunneling microscopy. Surface Science, 1996, 357-358, 464-467.	1.9	10
59	Fabrication and evaluation of a microspring contact array using a reel-to-reel continuous fiber process. Journal of Micromechanics and Microengineering, 2011, 21, 105019.	2.6	10
60	Molecular structure of a crystal phase coexisting with Î²-(BEDT-TTF)2Cu(NCS)2studied by scanning tunneling microscopy. Physical Review B, 1994, 50, 15427-15430.	3.2	9
61	Giant superstructures formed on graphite surface treated with NaOH solutions studied by scanning tunneling microscopy. Ultramicroscopy, 1998, 73, 185-189.	1.9	9
62	Conductive polymer coated elastomer contact structure for woven electronic textile. , 2012, , .		9
63	Effect of Surface Properties on the Photo-Induced Crawling Motion of Azobenzene Crystals on Glass Surfaces. Frontiers in Chemistry, 2021, 9, 684767.	3.6	8
64	Surface structures of layered compounds treated with alkali-metal hydroxide solutions studied by scanning tunneling microscopy. Synthetic Metals, 1995, 71, 1753-1754.	3.9	7
65	Bioinspired extremely rapid self-repairing coatings for long-life repeated features. Chemical Engineering Journal, 2021, 424, 130568.	12.7	7
66	Surface superstructures of quasi-one-dimensional organic conductor Î²-(BEDT-TTF)2PF6crystal studied by scanning tunneling microscopy. Physical Review B, 1995, 52, 16361-16364.	3.2	6
67	Defect-induced Si(100) dimer buckling structures studied by scanning tunneling microscopy. Surface Science, 1996, 357-358, 468-471.	1.9	6
68	Self-organized network structure appearing in the B/Si(111)-($sqrt{3}$]] Ã— $sqrt{3}$]])R30Â° phase formation process studied by scanning tunneling microscopy. Applied Physics A: Materials Science and Processing, 1998, 66, S1013-S1016.	2.3	6
69	Selective chemical reaction of HBO2 molecules on the Si(111)-7Ã—7 surface studied by scanning tunneling microscopy. Applied Surface Science, 1998, 130-132, 78-83.	6.1	6
70	Field Effect of Self-Assembled Organic Multilayer in Nanogap Electrode; Current Oscillation Behaviour at Room Temperature. Japanese Journal of Applied Physics, 2005, 44, L465-L468.	1.5	6
71	Nanoscale to Macroscale Investigation of the Frictional Properties of Physisorbed Layers of Self-Organized Phthalocyanine Derivatives. Tribology Letters, 2008, 31, 9-15.	2.6	6
72	In situ Observation of Direct Electron Transfer Reaction of Cytochrome c Immobilized on ITO Electrode Modified with 11-{2-[2-(2-Methoxyethoxy)- ethoxy]ethoxy}undecylphosphonic Acid Self-assembled Monolayer Film by Electrochemical Slab Optical Waveguide Spectroscopy. Analytical Sciences, 2017, 33, 469-472.	1.6	6

#	Article	IF	Citations
73	Spontaneous Fluctuation between Symmetric and Buckled Dimer Domains of Si(100) at 80 K. Japanese Journal of Applied Physics, 1999, 38, 2904-2909.	1.5	5
74	Intermediate structures appearing in the phase transition of Si(111)-7Ã—7 to (âˆš3Ã—âˆš3)R30Â° induced by HBO2 molecular irradiation. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 1999, 17, 1596-1601.	2.1	5
75	Characteristic intra- and interunit interactions of Kr atoms adsorbed on theSi(111)â˜7Ã—7surface. Physical Review B, 2003, 68, .	3.2	5
76	Alkyl-Chain-Length Dependence of Frictional Properties of Alkyl-Substituted Phthalocyanines Physisorbed on Graphite Surfaces. Japanese Journal of Applied Physics, 2005, 44, 5403-5408.	1.5	5
77	Effective Young's Modulus Measurement of Thin Film Using Micromechanical Cantilever Sensors. Japanese Journal of Applied Physics, 2013, 52, 110111.	1.5	5
78	Development of New Complex Machining Technology for Single Crystal Silicon Carbide Polishing. International Journal of Automation Technology, 2016, 10, 786-793.	1.0	5
79	STM study of Si(111)âˆš3 Ã— âˆš3î—¸R30Â°î—¸B surface structure formed by HBO2 irradiation. Applied Surface Science, 1996, 107, 63-67.	6.1	4
80	Si(111) Surface under Phase Transitions Studied by the Analysis of Inner Layer Structures Using Bias-Dependent Scanning Tunneling Microscopy. Japanese Journal of Applied Physics, 1999, 38, 3841-3844.	1.5	4
81	Interactive Force between Cyclodextrin Inclusion Complexes Studied by Atomic Force Microscopy. Japanese Journal of Applied Physics, 2001, 40, 4419-4422.	1.5	4
82	Characteristic adsorption ofXeon aSi(111)â˜(7Ã—7)surface at low temperature. Physical Review B, 2002, 65, .	3.2	4
83	Influence of the surface free energy of silane-coupled mica substrate on the fixing and straightening of DNA. Thin Solid Films, 2009, 517, 4425-4431.	1.8	4
84	Fabrication of conductive polymer coated elastomer contact structures using a reel-to-reel continuous fiber process. IEICE Electronics Express, 2012, 9, 1442-1447.	0.8	4
85	Low-deformation precision thermal bonding of nanostructured microfluidic chips. Japanese Journal of Applied Physics, 2020, 59, SIIJ08.	1.5	4
86	Improvement of Electrical Contact Reliability by Conductive Polymer Coated Elastomer Structure in Woven Electronic Textiles. Japanese Journal of Applied Physics, 2012, 51, 120204.	1.5	4
87	Stability and nuclear formation of Si(111)-7Ã—7 structure as determined from charge redistribution in surface layers. Surface Science, 1999, 429, 260-273.	1.9	3
88	Site preferences of oxygen and boron atoms during dissociative reaction of HBO2 molecules onto the Si(111)-7Ã—7 surface. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 2000, 18, 1469-1472.	2.1	3
89	Adsorption and Wetting Structures of Kr on Pt(111) at 8 K and 45 K Studied by Scanning Tunneling Microscopy. Japanese Journal of Applied Physics, 2001, 40, 4399-4402.	1.5	3
90	Improvement of Electrical Contact Reliability by Conductive Polymer Coated Elastomer Structure in Woven Electronic Textiles. Japanese Journal of Applied Physics, 2012, 51, 120204.	1.5	3

#	Article	IF	Citations
91	Development of Highly Efficient Combined Polishing Method for Single-Crystal Silicon Carbide. Journal of Micro and Nano-Manufacturing, 2017, 5, .	0.7	3
92	Precise shape nano-replication for an antireflective imaging lens using a mould with a thermal insulation layer. Microelectronic Engineering, 2019, 217, 111106.	2.4	3
93	Particle size and polymer formation dependence of nanostructure in antireflective surfaces by injection molding process. Advanced Optical Technologies, 2019, 8, 195-201.	1.7	3
94	Photo-Induced Crawling Motion of Azobenzene Crystals on Modified Gold Surfaces. Langmuir, 2021, 37, 14177-14185.	3.5	3
95	Molecular and electronic properties of Î²-(BEDT-TTF)2PF6 studied by scanning tunneling microscopy. Synthetic Metals, 1995, 70, 935-936.	3.9	2
96	Phase Defects on Si(100) Surface, Studied by Scanning Tunnelling Microscopy. Defect and Diffusion Forum, 1998, 160-161, 57-64.	0.4	2
97	Effect of Water on Tribocorrosion of Imidazolium Based Ionic Liquid. Nippon Kikai Gakkai Ronbunshu, C Hen/Transactions of the Japan Society of Mechanical Engineers, Part C, 2013, 79, 3272-3284.	0.2	2
98	Characterization of Contact Structure for Woven Electronic Textile Using Conductive Polymer Micro-Cantilever Array. Electronics and Communications in Japan, 2014, 97, 48-53.	0.5	2
99	Vibrational Spectroscopic Study on Lubrication and Corrosive Wear Mechanisms of Imidazolium Based Ionic Liquids. , 0, , .		2
100	Contact resistance of Sn-film and Sn-bulk investigated by microscopic analysis. , 2015, , .		2
101	Effect of adhesion on frictional properties of nanostripe surface structures composed of Au and Fe. Japanese Journal of Applied Physics, 2019, 58, SIIC06.	1.5	2
102	The observation of growth and diffusion of electrolytic product in ECM. Journal of Manufacturing Processes, 2020, 60, 636-643.	5.9	2
103	The Influence of Dislocations on Hydrogen Diffusion in Palladium. Zairyo/Journal of the Society of Materials Science, Japan, 2016, 65, 148-153.	0.2	2
104	Effects of Residual Gas on Tribochemical Reactions of SUJ2 Steel in Vacuum and in Argon Gas Atmosphere. Tribology Online, 2009, 4, 103-108.	0.9	2
105	Processes of molecular adsorption and ordering enhanced by mechanical stimuli under high contact pressure. Scientific Reports, 2022, 12, 3870.	3.3	2
106	Erratum to â€œDefect-induced Si(100) dimer buckling structures studied by scanning tunneling microscopyâ€•[Surface Science 357/358 (1996) 468]. Surface Science, 1996, 369, 424.	1.9	1
107	Long range ordering in the graphite intercalation compounds. Synthetic Metals, 1999, 103, 2653-2654.	3.9	1
108	Characteristic structures of the Si(111)-7Ã—7 surface step studied by scanning tunneling microscopy. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 2001, 19, 1549-1552.	2.1	1

#	Article	IF	Citations
109	Stability of the Self-Organized Two-Dimensional Structures of Porphyrin and Phthalocyanine Derivatives on Graphite for the Directed Arrangement of Rotaxanes. AIP Conference Proceedings, 2003, , .	0.4	1
110	Formation of a stable, three-dimensional porous structure with self-assembled glass spheres using the plasma-induced electromeniscus phenomenon. Applied Physics Letters, 2006, 88, 204105.	3.3	1
111	Effect of Lubricant Additives on the Tribological Properties of Nanostripe Surfaces. Tribology Online, 2014, 9, 37-44.	0.9	1
112	Antistiction technique using elastomer contact structure in woven electronic textiles. Japanese Journal of Applied Physics, 2014, 53, 04EK03.	1.5	1
113	Dominant factor of contact resistance analyzed by conductive-AFM. , 2014, , .		1
114	Effects of Surface Texture on Soft-Materials for Medical Applications. Tribology Online, 2016, 11, 288-297.	0.9	1
115	Molecular Dynamics Study on Hydrogen Diffusion in Pd and Pd-Ag Alloys. Zairyo/Journal of the Society of Materials Science, Japan, 2018, 67, 235-241.	0.2	1
116	In Situ Observation of Desorption and Direct Electron Transfer Reaction of Cytochrome c on Bare ITO Electrode with Electrochemical Slab Optical Waveguide Spectroscopy. Journal of Nanoscience and Nanotechnology, 2019, 19, 4350-4354.	0.9	1
117	Frictional Properties of Physisorbed Layers of Self-Organized Molecules at Solidâ€“Liquid Interface. , 2011, , 85-101.		1
118	<i>In situ</i> Observation of Immobilization of Cytochrome <i>c</i> into Hydrophobic DNA Nano-Film. IEICE Transactions on Electronics, 2019, E102.C, 471-474.	0.6	1
119	Effect of Tribochemical Reaction on Friction and Wear of DLC under Lubrication with Ionic Liquids at High-Vacuum Condition. , 2009, , 886-887.		1
120	Characterization of Contact Structure for Woven Electronic Textile Using Conductive Polymer Micro-Cantilever Array. IEEJ Transactions on Sensors and Micromachines, 2012, 132, 66-70.	0.1	1
121	How the down step edges influence formation of the 7Ã—7 structure. Scanning, 1998, 20, 398-402.	1.5	0
122	Synthesis of Alkyl-Substituted, Strapped Porphyrin to Prepare Stable Alkyl-Chain-Assisted Self-Assembled Monolayers of Porphyrin Conjugates.. ChemInform, 2005, 36, no.	0.0	0
123	Nanoindentation. , 2006, , 177-227.		0
124	Analysis of the Thermal Properties of a Liquid 1-Butanol Polymer Composed during a Plasma-Induced Reaction. Journal of Physical Chemistry B, 2007, 111, 9200-9208.	2.6	0
125	Molecular Machines. Hyomen Kagaku, 2009, 30, 565-570.	0.0	0
126	A Novel Detection Method for Acoustic Emission Using a Scanning Probe Microscope. Tribology Online, 2016, 11, 646-652.	0.9	0

#	Article	IF	Citations
127	Tribochemical Reaction of Ionic Liquids on Sliding Metal Surfaces. , 2009, , 888-889.		0
128	Effects of Residual Gases on Tribo-Chemical Reaction of Nickel in Hydrogen Gas Atmosphere. Tribology Online, 2012, 7, 225-233.	0.9	0
129	Effects of Structure on the Tribological Properties of Organic Self-Assembled Molecular Layers. Tribology Online, 2013, 8, 295-302.	0.9	0
130	Research on Electrical Contact Structures for Woven Electronic Textiles at BEANS Project. Journal of Japan Institute of Electronics Packaging, 2013, 16, 96-100.	0.1	0
131	Structure of Cyclodextrin Inclusion Complexes Studied by Using the Lattice Matching Model of .ALPHA.-Cyclodextrin Commensurate with Molybdenum Disulfide.. Hyomen Kagaku, 1994, 15, 610-614.	0.0	0
132	Superstructures of Se-Treated GaAs(001) Surface Studied by Scanning Tunneling Microscopy.. Hyomen Kagaku, 1994, 15, 305-310.	0.0	0
133	Special Issue on Recent Developments of Photoemission Spectroscopy. Molecular and Electronic Structures of (BEDT-TTF)2Cu(NCS)2 Crystal Studied by Scanning Tunneling Microscopy.. Hyomen Kagaku, 1994, 15, 530-534.	0.0	0
134	Special Issue on Recent Developments of Photoemission Spectroscopy. An STM Study of the Superstructures of Layer Compound Surfaces Treated with NaOH Solutions.. Hyomen Kagaku, 1994, 15, 541-544.	0.0	0
135	Interaction between Si(100) Surface Dimers and Dynamics of Phase Defects Formed on Dimer Rows at 6K Studied by Scanning Tunneling Microscopy.. Hyomen Kagaku, 1997, 18, 780-785.	0.0	0
136	Guest-Dependent Ordering of the Self-Assembled Cyclodextrin Inclusion Complexes Studied by Scanning Tunneling Microscopy. , 1999, , 649-652.		0
137	<i>In situ</i> Observation of Capturing BTB Molecules from Aqueous Solutions with Hydrophobic DNA Nano-Film. IEICE Transactions on Electronics, 2019, E102.C, 203-206.	0.6	0