Maki Kawai

List of Publications by Year in descending order

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291 papers	10,022 citations	41344 49 h-index	46799 89 g-index
291 all docs	291 docs citations	291 times ranked	9381 citing authors

#	Article	IF	Citations
1	Conduction and Valence Band Positions of Ta2O5, TaON, and Ta3N5by UPS and Electrochemical Methods. Journal of Physical Chemistry B, 2003, 107, 1798-1803.	2.6	917
2	Structure of Silicene Grown on Ag(111). Applied Physics Express, 2012, 5, 045802.	2.4	518
3	Substrate-Induced Symmetry Breaking in Silicene. Physical Review Letters, 2013, 110, 076801.	7.8	358
4	Lateral Hopping of Molecules Induced by Excitation of Internal Vibration Mode. Science, 2002, 295, 2055-2058.	12.6	337
5	Chemically homogeneous and thermally reversible oxidation of epitaxial graphene. Nature Chemistry, 2012, 4, 305-309.	13.6	300
6	Adsorption-Induced Switching of Magnetic Anisotropy in a Single Iron(II) Phthalocyanine Molecule on an Oxidized Cu(110) Surface. Physical Review Letters, 2009, 102, 167203.	7.8	268
7	Single-Molecule Reaction and Characterization by Vibrational Excitation. Physical Review Letters, 2002, 89, 126104.	7.8	206
8	The electronic structure of oxygen atom vacancy and hydroxyl impurity defects on titanium dioxide (110) surface. Journal of Chemical Physics, 2009, 130, 124502.	3.0	197
9	State-selective dissociation of a single water molecule on an ultrathin MgO film. Nature Materials, 2010, 9, 442-447.	27.5	171
10	Structural transition of silicene on Ag(111). Surface Science, 2013, 608, 297-300.	1.9	169
11	Selective triplet exciton formation in a single molecule. Nature, 2019, 570, 210-213.	27.8	142
12	Structure and electronic state of the TiO2 and SrO terminated SrTiO3(100) surfaces. Surface Science, 1993, 287-288, 377-381.	1.9	140
13	Evolution of Kondo Resonance from a Single Impurity Molecule to the Two-Dimensional Lattice. Physical Review Letters, 2011, 106, 187201.	7.8	138
14	Symmetry-Driven Novel Kondo Effect in a Molecule. Physical Review Letters, 2012, 109, 086602.	7.8	138
15	Excitation of Molecular Vibrational Modes with Inelastic Scanning Tunneling Microscopy Processes: Examination through Action Spectra ofcis-2-Butene on Pd(110). Physical Review Letters, 2005, 95, 246102.	7.8	119
16	An HREELS Study of Alkanethiol Self-Assembled Monolayers on Au(111). Journal of Physical Chemistry B, 2002, 106, 9655-9658.	2.6	105
17	Surface Structure and Interface Dynamics of Alkanethiol Self-Assembled Monolayers on Au(111). Journal of Physical Chemistry B, 2006, 110, 2793-2797.	2.6	105
18	Investigation of the electronic interaction between TiO2(110) surfaces and Au clusters by PES and STM. Surface Science, 2004, 566-568, 1012-1017.	1.9	99

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19	Thermal excitation of oxygen species as a trigger for the CO oxidation on Pt(111). Journal of Chemical Physics, 1995, 103, 3220-3229.	3.0	98
20	Hierarchical Chiral Framework Based on a Rigid Adamantane Tripod on Au(111). Journal of the American Chemical Society, 2007, 129, 2511-2515.	13.7	97
21	Determination of atomic positions in silicene on Ag(111) by low-energy electron diffraction. Surface Science, 2014, 623, 25-28.	1.9	97
22	Local chemical reaction of benzene on Cu(110) via STM-induced excitation. Journal of Chemical Physics, 2004, 120, 5347-5352.	3.0	95
23	Nature of Electron Transport by Pyridine-Based Tripodal Anchors: Potential for Robust and Conductive Single-Molecule Junctions with Gold Electrodes. Journal of the American Chemical Society, 2011, 133, 3014-3022.	13.7	94
24	Action spectroscopy for single-molecule reactions â€“ Experiments and theory. Progress in Surface Science, 2015, 90, 85-143.	8.3	93
25	Controlled Fabrication of 1D Molecular Lines Across the Dimer Rows on the Si(100)â˜'(2 Ã— 1)â˜'H Surface through the Radical Chain Reaction. Journal of the American Chemical Society, 2005, 127, 15030-15031.	13.7	83
26	Water adsorption on Pt(111): from isolated molecule to three-dimensional cluster. Chemical Physics Letters, 1994, 231, 188-192.	2.6	82
27	Superconductive transition at 98.5 K in monoclinic (Bi,Pb)2Sr2CaCu2Oy. Physical Review B, 1990, 42, 2669-2672.	3.2	81
28	Giant electric double-layer capacitance of heavily boron-doped diamond electrode. Diamond and Related Materials, 2010, 19, 772-777.	3.9	81
29	Reversible Control of Hydrogenation of a Single Molecule. Science, 2007, 316, 1883-1886.	12.6	77
30	Single-molecule quantum dot as a Kondo simulator. Nature Communications, 2017, 8, 16012.	12.8	77
31	Clustering behavior of water (D2O) on Pt(111). Journal of Chemical Physics, 1999, 111, 7003-7009.	3.0	72
32	Fabrication of Interconnected 1D Molecular Lines along and across the Dimer Rows on the Si(100)â˜'(2) Tj ETQq0 0 0 rgBT /Overlock 10 23129-23133.	2.6	71
33	Role of Molecular Orbitals Near the Fermi Level in the Excitation of Vibrational Modes of a Single Molecule at a Scanning Tunneling Microscope Junction. Physical Review Letters, 2008, 100, 136104.	7.8	71
34	Geometrical characterization of adenine and guanine on Cu(110) by NEXAFS, XPS, and DFT calculation. Surface Science, 2007, 601, 5433-5440.	1.9	67
35	Adsorption of cytosine, thymine, guanine and adenine on Cu(110) studied by infrared reflection absorption spectroscopy. Surface Science, 2004, 561, 233-247.	1.9	65
36	Geometrical characterization of pyrimidine base molecules adsorbed on Cu() surfaces: XPS and NEXAFS studies. Surface Science, 2003, 532-535, 261-266.	1.9	60

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37	Molecular beam epitaxy of Bi2Sr2CuOx and Bi2Sr2Ca0.85Sr0.15Cu2Ox ultra thin films at 300Â°C. Journal of Crystal Growth, 1991, 112, 745-752.	1.5	58
38	Silicene on Ag(111): Geometric and electronic structures of a new honeycomb material of Si. Progress in Surface Science, 2015, 90, 1-20.	8.3	58
39	Carbosulfide superconductor. Solid State Communications, 1999, 112, 323-327.	1.9	57
40	Vibrational study of water dimers on Pt(111) using a scanning tunneling microscope. Surface Science, 2008, 602, 3136-3139.	1.9	57
41	Insight into Action Spectroscopy for Single Molecule Motion and Reactions through Inelastic Electron Tunneling. Physical Review Letters, 2010, 105, 076101.	7.8	57
42	Surface and Adsorption Structures of Dialkyl Sulfide Self-Assembled Monolayers on Au(111). Journal of Physical Chemistry B, 2002, 106, 13268-13272.	2.6	56
43	Comment on â€œEvidence for Dirac Fermions in a Honeycomb Lattice Based on Siliconâ€• Physical Review Letters, 2013, 110, 229701.	7.8	56
44	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
45	Ammonia adsorption by hydrogen bond on ice and its solvation. Journal of Chemical Physics, 2000, 112, 8229-8232.	3.0	51
46	Self-Directed Chain Reaction by Small Ketones with the Dangling Bond Site on the Si(100)-(2 Ã— 1)-H Surface: Acetophenone, A Unique Example. Journal of the American Chemical Society, 2008, 130, 11518-11523.	13.7	50
47	Molecular Beam Epitaxy Study of Bi2Sr2CuOxUsing NO2as an Oxidizing Agent. Japanese Journal of Applied Physics, 1990, 29, L1111-L1113.	1.5	49
48	Termination and Verwey transition of the (111) surface of magnetite studied by scanning tunneling microscopy and first-principles calculations. Physical Review B, 2010, 81, .	3.2	49
49	Lewis Basicity of Nitrogen-Doped Graphite Observed by CO2 Chemisorption. Nanoscale Research Letters, 2016, 11, 127.	5.7	49
50	Surface structure of SrTiO3(001) with various surface treatments. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 1993, 11, 2649-2654.	2.1	48
51	Initial adsorption sites of CO on Pt(111) and Ni(100) at low temperature. Surface Science, 1996, 363, 105-111.	1.9	45
52	Confining Barriers for Surface State Electrons Tailored by Monatomic Fe Rows on Vicinal Au(111) Surfaces. Physical Review Letters, 2004, 92, 096102.	7.8	45
53	HREELS, STM, and STS study of CH3-terminated Si(111)-(1Ã—1) surface. Journal of Chemical Physics, 2004, 121, 10660-10667.	3.0	43
54	Competing Forward and Reversed Chain Reactions in One-Dimensional Molecular Line Growth on the Si(100)â˜'(2 Ã— 1)â˜'H Surface. Journal of the American Chemical Society, 2007, 129, 3328-3332.	13.7	43

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55	Deposition and crystallization studies of thin amorphous solid water films on Ru(0001) and on CO-precovered Ru(0001). Journal of Chemical Physics, 2007, 127, 094703.	3.0	42
56	Symmetry Controlled Surface Photochemistry of Methane on Pt(111). Physical Review Letters, 1995, 75, 2176-2179.	7.8	41
57	Nanoscale composition analysis of atomically flat SrTiO3(001) by friction force microscopy. Journal of Applied Physics, 2000, 88, 7099-7103.	2.5	41
58	First-principles calculations of hydrogen diffusion on rutile TiO2(110) surfaces. Journal of Chemical Physics, 2007, 127, 104709.	3.0	41
59	Activation of Ultrathin Oxide Films for Chemical Reaction by Interface Defects. Journal of the American Chemical Society, 2011, 133, 6142-6145.	13.7	41
60	Synthesis and magnetic property of the perovskite Bi1â^'xSrxMnO3 thin film. Solid State Communications, 2000, 116, 73-76.	1.9	40
61	Bonding and Structure of 1,4-Cyclohexadiene Chemisorbed on Si(100)(2Ã—1). Journal of Physical Chemistry B, 2001, 105, 3718-3723.	2.6	40
62	Effect of water adsorption on microscopic friction force on SrTiO3(001). Journal of Applied Physics, 2003, 93, 3223-3227.	2.5	39
63	Electric field response of a vibrationally excited molecule in an STM junction. Physical Review B, 2008, 78, .	3.2	38
64	Controlling water dissociation on an ultrathin MgO film by tuning film thickness. Physical Review B, 2010, 82, .	3.2	38
65	Observation of cis-2-butene molecule on Pd(110) by cryogenic STM: site determination using tunneling-current-induced rotation. Surface Science, 2003, 536, L403-L407.	1.9	37
66	Visualizing Type-II Weyl Points in Tungsten Ditelluride by Quasiparticle Interference. ACS Nano, 2017, 11, 11459-11465.	14.6	37
67	Switching in the Molecular Orientation Ruled by Steric Repulsion of Adsorbed CO on Pd(110). Physical Review Letters, 1999, 82, 1899-1902.	7.8	36
68	Selective Chain Reaction of Acetone Leading to the Successive Growth of Mutually Perpendicular Molecular Lines on the Si(100)-(2Ã—1)-H Surface. Journal of the American Chemical Society, 2007, 129, 12304-12309.	13.7	36
69	Stability of adsorbed states and site-conversion kinetics: CO on Ni(100). Physical Review B, 1994, 49, 16670-16677.	3.2	35
70	Effect of the molecular structure on the gas-surface scattering studied by supersonic molecular beam. European Physical Journal D, 2006, 38, 129-138.	1.3	35
71	STM Investigation of CO Ordering on Pt(111): From an Isolated Molecule to High-Coverage Superstructures. Journal of Physical Chemistry C, 2013, 117, 16429-16437.	3.1	35
72	One-dimensional edge state of Bi thin film grown on Si(111). Applied Physics Letters, 2015, 107, .	3.3	35

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73	Elucidation of hydrogen-induced (1Ã—2) reconstructed structures on Pd(110) from 100 to 300 K by scanning tunneling microscopy. Physical Review B, 1995, 51, 4529-4532.	3.2	34
74	Stepwise morphological change of porous amorphous ice films observed through adsorption of methane. Journal of Chemical Physics, 2002, 116, 4375-4378.	3.0	34
75	Adsorption of Water Dimer on Platinum(111): Identification of the â˜OHÂ·Â·Â·Pt Hydrogen Bond. ACS Nano, 2014, 8, 11583-11590.	14.6	34
76	Selective and stoichiometric reaction of copper dipivaloylmethanate [Cu(DPM)2] with surface hydroxyls on SiO2. Applied Physics Letters, 1990, 56, 1466-1468.	3.3	33
77	Electronic Structure of Bases in DNA Duplexes Characterized byResonant Photoemission Spectroscopy Near the Fermi Level. Physical Review Letters, 2004, 93, 086403.	7.8	33
78	Duramycin-Induced Destabilization of a Phosphatidylethanolamine Monolayer at the Airâ˜Water Interface Observed by Vibrational Sum-Frequency Generation Spectroscopy. Langmuir, 2010, 26, 16055-16062.	3.5	33
79	Surface reactions at the controlled structure of SrTiO3(001). Surface and Interface Analysis, 1994, 22, 412-416.	1.8	31
80	Lateral interactions of CO in the (2Ã—1)p2mg structure on Pd(110): Force constants between tilted CO molecules. Journal of Chemical Physics, 2000, 112, 1925-1936.	3.0	31
81	Selective Partial Hydrogenation of 1,3-Butadiene to Butene on Pd(110):Â Specification of Reactant Adsorption States and Product Stability. Journal of Physical Chemistry B, 2003, 107, 3671-3674.	2.6	31
82	Direct Observation of Molecule-Substrate Antibonding States near the Fermi Level in Pd(110)-c(4Ã—2)-Benzene. Physical Review Letters, 1997, 79, 3942-3945.	7.8	29
83	Single-molecule reactions and spectroscopy via vibrational excitation. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2004, 362, 1163-1171.	3.4	29
84	Morphological change during crystallization of thin amorphous solid water films on Ru(0001). Journal of Chemical Physics, 2007, 126, 181103.	3.0	29
85	Ion-Pair Formation between Ferrocene-Terminated Self-Assembled Monolayers and Counteranions Studied by Force Measurements. Journal of Physical Chemistry C, 2011, 115, 6775-6781.	3.1	29
86	Adsorption, migration, and superlattice formation of benzene on Pd(110). Physical Review B, 1996, 53, 7492-7495.	3.2	28
87	Adsorption and Dimer Formation of Nitrogen Monoxide on Pt(111) at Low Temperature. Chemistry Letters, 1995, 24, 605-606.	1.3	27
88	Controlling orbital-selective Kondo effects in a single molecule through coordination chemistry. Journal of Chemical Physics, 2014, 141, 054702.	3.0	27
89	Low-temperature STM investigation of acetylene on Pd(111). Surface Science, 2005, 587, 19-24.	1.9	26
90	Synthesis of tripodal anchor units bearing selenium functional groups and their adsorption behaviour on gold. Physical Chemistry Chemical Physics, 2009, 11, 4949.	2.8	26

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91	Control of Molecular Rotors by Selection of Anchoring Sites. Physical Review Letters, 2011, 106, 146101.	7.8	26
92	Inelastic tunneling spectroscopy using scanning tunneling microscopy on trans-2-butene molecule: Spectroscopy and mapping of vibrational feature. Journal of Chemical Physics, 2004, 120, 7249-7251.	3.0	25
93	Characterization of nitrogen species incorporated into graphite using low energy nitrogen ion sputtering. Physical Chemistry Chemical Physics, 2016, 18, 458-465.	2.8	25
94	Cleaning the surface of SrTiO3(100) and LaAlO3(100) under moderate temperature condition by Bi adsorption/desorption treatment. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 1991, 9, 2394-2396.	2.1	24
95	Morphological change of D2O layers on Ru(0001) probed with He atom scattering. Surface Science, 2006, 600, 3570-3574.	1.9	24
96	Systematic Study of Soft X-ray Spectra of Poly(Dg)Â·Poly(Dc) and Poly(Da)Â·Poly(Dt) DNA Duplexes. Journal of Physical Chemistry B, 2010, 114, 7016-7021.	2.6	24
97	Atomic structure of â€œmultilayer siliceneâ€•grown on Ag(111): Dynamical low energy electron diffraction analysis. Surface Science, 2016, 651, 70-75.	1.9	24
98	The reaction of copper and calcium dipivaloylmethanates (Cu(DPM)2 and Ca(DPM)2) with hydroxyls on oxide surface. Surface Science, 1991, 242, 508-512.	1.9	23
99	Adsorbed structure of copper and calcium dipivaloylmethanates on SiO2. Surface Science, 1992, 278, 175-182.	1.9	23
100	Investigation of Nonswitching Regions in Ferroelectric Thin Films Using Scanning Force Microscopy. Japanese Journal of Applied Physics, 2000, 39, 3799-3803.	1.5	23
101	Topochemical formation of van der Waals type niobium carbosulfide 1T-Nb2S2C. Journal of Alloys and Compounds, 2002, 339, 283-292.	5.5	23
102	Self-Assembly and Scanning Tunneling Microscopy Tip-Induced Motion of Ferrocene Adamantane Trithiolate Adsorbed on Au(111). Japanese Journal of Applied Physics, 2008, 47, 6156.	1.5	23
103	Ligand Field Effect at Oxideâ€“Metal Interface on the Chemical Reactivity of Ultrathin Oxide Film Surface. Journal of the American Chemical Society, 2012, 134, 10554-10561.	13.7	23
104	Atomic layer control in Srâ€Cuâ€O artificial lattice growth. Applied Physics Letters, 1994, 65, 1717-1719.	3.3	22
105	Adsorption structure of 1,3-butadiene on Pd(110). Surface Science, 2002, 502-503, 164-168.	1.9	22
106	Water reaction on SrTiO3(001): promotion effect due to condensation. Surface Science, 2003, 544, L722-L728.	1.9	22
107	Substrate-induced array of quantum dots in a single-walled carbon nanotube. Nature Nanotechnology, 2009, 4, 567-570.	31.5	22
108	SecA is required for membrane targeting of the cell division protein DivIVA in vivo. Frontiers in Microbiology, 2014, 5, 58.	3.5	22

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109	Tunneling Desorption of Single Hydrogen on the Surface of Titanium Dioxide. ACS Nano, 2015, 9, 6837-6842.	14.6	22
110	Imaging of Nucleic Acid Base Molecules on Pd(110) Surfaces by Scanning Tunneling Microscopy. Japanese Journal of Applied Physics, 1996, 35, L244-L246.	1.5	21
111	Electronic and Vibrational States of Cyclopentene on Si(100)(2Ã—1). Journal of Physical Chemistry B, 2002, 106, 1691-1696.	2.6	21
112	Photoassisted Adsorption of Allylamine and 1-Butene on H:Si(111) Studied by Surface Vibrational Spectroscopies. Journal of Physical Chemistry B, 2006, 110, 6740-6749.	2.6	21
113	Force Microscopy Study of SrTiO3(001) Surfaces with Single Atomic-Layer Steps. Japanese Journal of Applied Physics, 1999, 38, 3946-3948.	1.5	20
114	One-dimensional Mn nanostructures formed on vicinal Au(111) surfaces. Surface Science, 2004, 552, 243-250.	1.9	20
115	Luminescence from 3,4,9,10-perylenetetracarboxylic dianhydride on Ag(111) surface excited by tunneling electrons in scanning tunneling microscopy. Journal of Chemical Physics, 2008, 129, 014701.	3.0	20
116	Single-Molecule Vibrational Spectroscopy and Inelastic-Tunneling-Electron-Induced Diffusion of Formate Adsorbed on Ni(110). Journal of Physical Chemistry C, 2010, 114, 3003-3007.	3.1	20
117	Coexistence and Interconversion of Di-Ïƒ and Ï€-Bonded Ethylene on the Pt(111) and Pd(110) Surfaces. Journal of Physical Chemistry Letters, 2011, 2, 2263-2266.	4.6	20
118	Electronic decoupling by h-BN layer between silicene and Cu(111): A DFT-based analysis. New Journal of Physics, 2014, 16, 105019.	2.9	20
119	Structural evolution of Bi thin films on Au(111) revealed by scanning tunneling microscopy. Physical Review B, 2017, 96, .	3.2	20
120	The reactivity of molecular and atomic oxygen in oxygenâ€exchange reaction between NO and O2coadsorbed on a Pt(111) surface. Journal of Chemical Physics, 1995, 103, 4757-4764.	3.0	19
121	Direct and indirect mechanisms in site occupation of CO molecules on Ni(100) and Pt(111). Surface Science, 1996, 368, 239-246.	1.9	19
122	Interaction of condensed water molecules with hydroxyl and hydrogen groups on Si(001). Surface Science, 2005, 587, 34-40.	1.9	19
123	Initial Growth of the Water Layer on (1 Ã— 1)-Oxygen-Covered Ru(0001) in Comparison with that on Bare Ru(0001). Journal of Physical Chemistry B, 2005, 109, 16024-16029.	2.6	19
124	One-Dimensional Molecular Zippers. Journal of the American Chemical Society, 2011, 133, 9236-9238.	13.7	19
125	Creation of single oxygen vacancy on titanium dioxide surface. Journal of Materials Research, 2012, 27, 2237-2240.	2.6	19
126	Single-molecule surface reaction by tunneling electrons. Surface Science, 2002, 502-503, 7-11.	1.9	18

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127	Lateral motion of adsorbate induced by vibrational mode excitation with inelastic tunneling electron. Surface Science, 2002, 502-503, 12-17.	1.9	18
128	Rainbow scattering of CO and N2 from LiF(001). Journal of Chemical Physics, 2005, 122, 244713.	3.0	18
129	Low-temperature adsorption of H2S on Ag(111). Journal of Chemical Physics, 2010, 133, 124705.	3.0	18
130	Two-Dimensional Superstructure Formation of Fluorinated Fullerene on Au(111): A Scanning Tunneling Microscopy Study. ACS Nano, 2012, 6, 2679-2685.	14.6	18
131	Tailoring electronic states of a single molecule using adamantane-based molecular tripods. Physical Chemistry Chemical Physics, 2013, 15, 14229.	2.8	18
132	Layer controlled growth of oxide superconductors. Applied Surface Science, 1994, 82-83, 487-493.	6.1	17
133	Determination of six types of vibrational mode for bridge CO on Pd(110). Surface Science, 1999, 427-428, 69-73.	1.9	17
134	Orientation and symmetry of ethylene on Pd(110): A combined HREELS and NEXAFS study. Journal of Chemical Physics, 2000, 112, 5948-5956.	3.0	17
135	One-dimensional Fe Nanostructures Formed on Vicinal Au(111) Surfaces. Journal of the Physical Society of Japan, 2005, 74, 2033-2044.	1.6	17
136	Vibration-Assisted Rotation and Deprotonation of a Single Formic Acid Molecule Adsorbed on Ni(110) Studied by Scanning Tunneling Microscopy. Journal of Physical Chemistry C, 2009, 113, 19277-19280.	3.1	17
137	Ordering of Molecules with Ï€-Conjugated Triangular Core by Switching Hydrogen Bonding and van der Waals Interactions. Journal of Physical Chemistry C, 2012, 116, 17082-17088.	3.1	17
138	Lateral Hopping of CO on Ag(110) by Multiple Overtone Excitation. Physical Review Letters, 2016, 116, 056101.	7.8	17
139	Spectroscopic Identification of Ag-Terminated â€œMultilayer Siliceneâ€•Grown on Ag(111). Journal of Physical Chemistry C, 2016, 120, 6689-6693.	3.1	17
140	Adsorption of pyrimidine molecules on Pd(110) observed by scanning tunneling microscopy. Surface Science, 1996, 360, 50-54.	1.9	16
141	van der Waals type carbosulfide superconductor. Solid State Communications, 2001, 118, 113-118.	1.9	16
142	Electronic states of the DNA polynucleotides poly(dG)-poly(dC) in the presence of iodine. Physical Review B, 2007, 75, .	3.2	16
143	An electron energy loss spectroscopy study of resonance population in ethylene chemisorbed on Pd(110). Journal of Chemical Physics, 2000, 113, 2866-2872.	3.0	15
144	Estimation of direct and indirect interactions between CO molecules on Pd(110). Surface Science, 2002, 513, 239-248.	1.9	15

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145	Adsorption of Unsaturated Hydrocarbon Moieties on H:Si(111) by Grignard Reaction. Journal of Physical Chemistry B, 2006, 110, 7357-7366.	2.6	15
146	Single Molecule Observations of the Adsorption Sites of Methyl Isocyanide on Pt(111) by Low-Temperature Scanning Tunneling Microscopy. Journal of Physical Chemistry B, 2006, 110, 20344-20349.	2.6	15
147	Electronic structure and magnetism of one-dimensional Fe monatomic wires on Au(788) investigated with ARPES and XMCD. Physical Review B, 2007, 75, .	3.2	15
148	Magnetic structure of periodically meandered one-dimensional Fe nanowires. Physical Review B, 2008, 78, .	3.2	15
149	Valence States of One-Dimensional Molecular Assembly Formed by Ketone Molecules on the Si(100)-(2 Ã— Tj ETQq1 1 0.784314 rgB	3.1	15
150	Dissociation pathways of a single dimethyl disulfide on Cu(111): Reaction induced by simultaneous excitation of two vibrational modes. Journal of Chemical Physics, 2014, 140, 194705.	3.0	15
151	Molecular beam epitaxial growth of superconducting Ba2DyCu3O6.5thin films at 420â€‰Â°C using NO2as an oxidant. Applied Physics Letters, 1992, 61, 1971-1973.	3.3	14
152	Direct observation of isothermal adsorption and desorption processes of CO on the Ni(100) surface. Chemical Physics Letters, 1993, 215, 120-124.	2.6	14
153	Broken symmetry of adsorbed methane and self-limiting photoinduced dissociation on Pt(111). Surface Science, 1996, 363, 234-239.	1.9	14
154	Long-Range Proton Transport for the Water Reaction on Si(001): Study of Hydrogen-Bonded Systems with a Model Liquidâ^'solid Interface. Journal of Physical Chemistry C, 2008, 112, 12879-12886.	3.1	14
155	Tip-enhanced Raman spectroscopy of 4,4â€²-bipyridine and 4,4â€²-bipyridine N,N'-dioxide adsorbed on gold thin films. Surface Science, 2013, 617, 1-9.	1.9	14
156	Enhancement of Inelastic Electron Tunneling Conductance Caused by Electronic Decoupling in Iron Phthalocyanine Bilayer on Ag(111). Journal of Physical Chemistry C, 2013, 117, 21832-21837.	3.1	14
157	Energy-level alignment of a single molecule on ultrathin insulating film. Physical Review B, 2018, 98, .	3.2	14
158	Ultrathin film of Bi2Sr2CuOx formed by molecular beam epitaxy using NO2. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 1990, 8, 4104-4105.	2.1	13
159	Transport Properties of SrCuO2Thin Films with Artificially Modulated Structures. Japanese Journal of Applied Physics, 1993, 32, L1208-L1210.	1.5	13
160	Tunneling-Electron-Induced Hopping of Methylthiolate on Cu(111). Japanese Journal of Applied Physics, 2006, 45, 2022-2025.	1.5	13
161	Ab-initio Calculation Method for Electronic Structures of Charged Surfaces Using Repeated Slab and Density-Variable Charge Sheets. Journal of the Physical Society of Japan, 2007, 76, 044701.	1.6	13
162	Direct observation of adsorption geometry for the van der Waals adsorption of a single Ï€-conjugated hydrocarbon molecule on Au(111). Journal of Chemical Physics, 2014, 140, 074709.	3.0	13

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163	Surface phonon excitation on clean metal surfaces in scanning tunneling microscopy. Physical Review B, 2016, 93, .	3.2	13
164	Seamless growth of a supramolecular carpet. Nature Communications, 2016, 7, 10653.	12.8	13
165	Scanning Tunneling Microscope Imaging of (CH3S)2on Cu(111). Langmuir, 2005, 21, 4779-4781.	3.5	12
166	Different Adsorbed States of 1,4-Cyclohexadiene on Si(001) Controlled by Substrate Temperature. Journal of Physical Chemistry C, 2007, 111, 2557-2564.	3.1	12
167	EC-STM observation on electrochemical response of fluidic phospholipid monolayer on Au(111) modified with 1-octanethiol. Electrochemistry Communications, 2007, 9, 645-650.	4.7	12
168	Characterization of an Organic Field-Effect Thin-Film Transistor in Operation Using Fluorescence-Yield X-Ray Absorption Spectroscopy. Physical Review Letters, 2011, 107, 147401.	7.8	12
169	Identification at the Single Molecule Level of C2Hx Moieties Derived from Acetylene on the Pt(111) Surface. Journal of Physical Chemistry C, 2012, 116, 18372-18381.	3.1	12
170	Rashba splitting in an image potential state investigated by circular dichroism two-photon photoemission spectroscopy. Physical Review B, 2016, 94, .	3.2	12
171	Adsorption and interlayer mixing of methane on Ni(100) at 20 K. Surface Science, 1996, 368, 247-252.	1.9	11
172	Adsorption mechanism of aligned single wall carbon nanotubes at well defined metal surfaces. Journal of Vacuum Science & Technology B, 2007, 25, 1143-1146.	1.3	11
173	Partial Hydrogenation of 1,3-Butadiene on Hydrogen-Precovered Pd(110) in the Balance of Ï€-Bonded C₄Hydrocarbon Reactions. Journal of Physical Chemistry C, 2008, 112, 17219-17224.	3.1	11
174	Electronic structure of single-walled carbon nanotubes on ultrathin insulating films. Applied Physics Letters, 2008, 93, .	3.3	11
175	Self-Activated Catalyst Layer for Partial Hydrogenation of 1,3-Butadiene on a Hydrogen-Precovered Pd(110) Surface. Journal of Physical Chemistry C, 2009, 113, 14872-14878.	3.1	11
176	Nanoscale structural variation observed on the vicinal SrTiO3(001) surface. Applied Physics Letters, 2010, 96, 231901.	3.3	11
177	Energy level alignment of single-wall carbon nanotubes on metal surfaces. Physical Review B, 2011, 83, .	3.2	11
178	Temporal and local reduction of adsorption potential energy under gas phase: CO on Ni(100) and Pt(111). Surface Science, 1996, 363, 85-90.	1.9	10
179	Scanning Tunneling Microscopy Study of Water Molecules on Pd(110) at Cryogenic Temperature. Japanese Journal of Applied Physics, 2002, 41, 4932-4935.	1.5	10
180	Controlling the reaction and motion of a single molecule by vibrational excitation. Chemical Physics Letters, 2006, 426, 357-360.	2.6	10

#	Article	IF	Citations
181	Scanning Tunneling Microscopy Observations of Benzoic Acid Molecules Coadsorbed with Single-Walled Carbon Nanotubes on Au(111) surface. Japanese Journal of Applied Physics, 2007, 46, 5572.	1.5	10
182	Visualization of Phospholipid Particle Fusion Induced by Duramycin. Langmuir, 2009, 25, 8200-8207.	3.5	10
183	Coverage-Dependent Formation of Chiral Ethylthiolate-Au Complexes on Au(111). Langmuir, 2011, 27, 627-629.	3.5	10
184	Transport characteristics of a single<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi mathvariant="normal">C</mml:mi><mml:mn>60</mml:mn></mml:msub></mml:math>-molecule junction revealed by multiple Andreev reflections. Physical Review B, 2014, 90, .	3.2	10
185	Scanning Tunneling Microscope Observation of the Phosphatidylserine Domains in the Phosphatidylcholine Monolayer. Langmuir, 2015, 31, 5449-5455.	3.5	10
186	Transport characteristics of a silicene nanoribbon on Ag(110). Beilstein Journal of Nanotechnology, 2017, 8, 1699-1704.	2.8	10
187	First-Principles Pseudo-Potential Study of the Pd(110)-c(2Ã—2)-Ethylene Adsorption System. Journal of Physical Chemistry B, 2001, 105, 8149-8154.	2.6	9
188	Scanning Tunneling Microscopy and Near Edge X-ray Absorption Fine Structure Studies of Adsorption of Trans-2-butene on Pd(110). Japanese Journal of Applied Physics, 2002, 41, 4911-4915.	1.5	9
189	The distinct vibrational signature of grain-boundary water in nano-crystalline ice films. Chemical Physics Letters, 2007, 448, 121-126.	2.6	9
190	Impact of reduced symmetry on magnetic anisotropy of a single iron phthalocyanine molecule on a Cu substrate. Journal of Chemical Physics, 2016, 144, 044701.	3.0	9
191	Confinement of the Pt(111) Surface State in Graphene Nanoislands. Journal of Physical Chemistry C, 2016, 120, 345-349.	3.1	9
192	The role of thermal excitation in the tunneling-electron-induced reaction: Dissociation of dimethyl disulfide on Cu(111). Surface Science, 2016, 643, 18-22.	1.9	9
193	Surface structure of novel semimetal WTe₂. Applied Physics Express, 2017, 10, 045702.	2.4	9
194	Reaction between copper dipivaloylmethanate Cu(DPM)2 and H2O adsorbed on SrTiO3(100). Surface Science, 1992, 262, L139-L143.	1.9	8
195	Synthesis and characterization of Bi2(Sr,Ca)3Cu2O8+Î´ with different Sr/Ca ratio. Physica C: Superconductivity and Its Applications, 1995, 246, 385-390.	1.2	8
196	Two Adsorption States of C2H4at Saturation Coverage on Pd(110)-(2x1)-H. Chemistry Letters, 2000, 29, 112-113.	1.3	8
197	Conduction and Valence Band Positions of Ta2O5, TaON, and Ta3N5 by UPS and Electrochemical Methods.. ChemInform, 2003, 34, no.	0.0	8
198	C6 cyclic hydrocarbons adsorbed on Si(001) as an interface buffer for organic-film fabrication. Journal of Electron Spectroscopy and Related Phenomena, 2004, 137-140, 217-221.	1.7	8

#	Article	IF	Citations
199	Local structure and assembly of formate adsorbed on Ni(110): Low temperature scanning tunneling microscopy study. Chemical Physics Letters, 2006, 427, 379-382.	2.6	8
200	Comparison of electronic structure between monolayer silicenes on Ag (111). Chinese Physics B, 2015, 24, 087307.	1.4	8
201	Density Functional Theory Calculation for Magnetism of Fe-Phthalocyanine Molecules on Au(111). E-Journal of Surface Science and Nanotechnology, 2012, 10, 38-44.	0.4	8
202	Molecular rearrangement induced by hydrogen co-adsorption: C2H4 on Pd(110). Chemical Physics Letters, 1999, 310, 451-458.	2.6	7
203	Evidence for Superconductivity in Nb₂SC_{0.90} Carbosulfide. Molecular Crystals and Liquid Crystals, 2000, 341, 99-104.	0.3	7
204	Mechanism of vibrational excitation in inelastic photoemission from solid surfaces. Physical Review B, 2009, 80, .	3.2	7
205	Observation of photoactive yellow protein anchored to a modified Au(1 1 1) surface by scanning tunneling microscopy. Chemical Physics Letters, 2009, 472, 113-117.	2.6	7
206	Direct Interaction of Water Ice with Hydrophobic Methyl-Terminated Si(111). Journal of Physical Chemistry C, 2010, 114, 19004-19008.	3.1	7
207	Combined Scanning Tunneling Microscopy and High-Resolution Electron Energy Loss Spectroscopy Study on the Adsorption State of CO on Ag(001). Langmuir, 2012, 28, 13249-13252.	3.5	7
208	Orbital-selective single molecule reactions on a metal surface studied using low-temperature scanning tunneling microscopy. Chemical Communications, 2013, 49, 4679.	4.1	7
209	Substituent Effect on the Intermolecular Arrangements of One-Dimensional Molecular Assembly on the Si(100)-(2Ã—1)-H Surface. Journal of Physical Chemistry C, 2013, 117, 270-275.	3.1	7
210	Quasiparticle scattering in type-II Weyl semimetal MoTe2. Journal of Physics Condensed Matter, 2018, 30, 105703.	1.8	7
211	Narrow Photoemission Peak at the Fermi Level inFe/Cu(111). Physical Review Letters, 2002, 88, 187602.	7.8	6
212	Single-Molecule Imaging and Repositioning of 1,3-Butadiene Adsorbed on Pd(110) Surface. Japanese Journal of Applied Physics, 2002, 41, 4924-4927.	1.5	6
213	Characteristic Configuration of Cis-2-butene Molecule on Pd(110) Determined by Scanning Tunneling Microscopy. Japanese Journal of Applied Physics, 2002, 41, 4976-4979.	1.5	6
214	Interface Control between Pentacene Film and Si(001) by Chemisorbed Buffer Monolayer. Japanese Journal of Applied Physics, 2005, 44, 514-518.	1.5	6
215	Effect of the substituent on metalâ€“molecule hybridization. Surface Science, 2008, 602, 3140-3143.	1.9	6
216	Surface Diffusion and Interaction of Metastable Formate on Ni(110) Investigated by Low-temperature Scanning Tunneling Microscopy. Chemistry Letters, 2008, 37, 914-915.	1.3	6

#	Article	IF	Citations
217	Mode-selective electron-phonon coupling in laser photoemission on Cu(110). Physical Review B, 2013, 88, .	3.2	6
218	Spectral Fitting of Action Spectra for Motions and Reactions of Single Molecules on Metal Surfaces. Bulletin of the Chemical Society of Japan, 2013, 86, 75-79.	3.2	6
219	Onâ€Surface Evolution of meso â€Isomerism in Twoâ€Dimensional Supramolecular Assemblies. Angewandte Chemie - International Edition, 2019, 58, 9611-9618.	13.8	6
220	Structure and growth mechanism of ultrathin films of Bi cuprates grown by low-temperature MBE. Physica C: Superconductivity and Its Applications, 1991, 190, 27-30.	1.2	5
221	Scanning Tunneling Microscopy Observation of CO on Pd(110) at Cryogenic Temperature; Imaging Mechanism and Novel One-Dimensional Array Formation. Japanese Journal of Applied Physics, 2001, 40, 4403-4408.	1.5	5
222	Photochemistry of CFCl3 on ice surface: surface chlorine reservoir species. Surface Science, 2002, 502-503, 285-289.	1.9	5
223	HREELS, STM, and LEED studies of theSi(100)â^'c(4Ã—4)surface at 100 and300K: Formation of Si-C surface dimers. Physical Review B, 2006, 73, .	3.2	5
224	Self-Assembly of Meta-Aminobenzoate on Cu(110). Langmuir, 2009, 25, 5504-5508.	3.5	5
225	Adsorbed states of iron(II) phthalocyanine on Ag(111) studied by highâ€resolution electron energy loss spectroscopy. Surface and Interface Analysis, 2014, 46, 1253-1256.	1.8	5
226	Pragmatic Application of Abstract Algebra to Two-Dimensional Lattice Matching. E-Journal of Surface Science and Nanotechnology, 2015, 13, 361-365.	0.4	5
227	Surface matrix isolation method for photoinduced oxidation of carbon monoxide on Pt(111). Journal of Molecular Catalysis A, 1999, 141, 57-61.	4.8	4
228	STM and ARPES studies on Fe/vicinal Au(111). Journal of Electron Spectroscopy and Related Phenomena, 2004, 137-140, 177-181.	1.7	4
229	Direct Observation of Conformational Isomers of (CH3S)2Molecules on Cu (111). Japanese Journal of Applied Physics, 2005, 44, 5390-5392.	1.5	4
230	Points for Debate on the Generation Mechanism of Catalytic Activity of Au/TiO2-Developments of Investigation using the Model Catalysts-. Hyomen Kagaku, 2006, 27, 319-325.	0.0	4
231	Light emission from PTCDA bilayer on Au(111) induced in scanning tunneling microscopy. Surface Science, 2011, 605, 2032-2037.	1.9	4
232	Photoresponse on the Desorption of an Atomic Hydrogen on Titanium Dioxide Surface Induced by a Tip of Scanning Tunneling Microscope. Chemistry Letters, 2013, 42, 942-943.	1.3	4
233	Comment on â€œRashba Spin-Orbit Coupling in Image Potential Statesâ€• Physical Review Letters, 2016, 117, 239701.	7.8	4
234	Formation of Ordered Phospholipid Monolayer on a Hydrophilically Modified Au(111) Substrate. ACS Nano, 2016, 10, 7811-7820.	14.6	4

#	Article	IF	Citations
235	Single-Molecule Dynamics in the Presence of Strong Intermolecular Interactions. Journal of Physical Chemistry Letters, 2016, 7, 4369-4373.	4.6	4
236	In Situ STM and Vibrational Study of Nanometer-Scale Reorganization of a Phospholipid Monolayer Accompanied by Potential-Driven Headgroup Digestion. Langmuir, 2017, 33, 13157-13167.	3.5	4
237	The growth of Fe, Ni and Co on vicinal Au(111) surfaces. Applied Surface Science, 2004, 237, 284-290.	6.1	4
238	Superconducting and optical properties of ultrathin films of Bi2(Sr,Ca)3Cu2Oxformed at 673 K. Applied Physics Letters, 1992, 60, 2020-2022.	3.3	3
239	Photoemission study of ultrathin Fe film on Au. Surface Science, 2001, 493, 708-712.	1.9	3
240	Electronic and magnetic structures of Fe on a vicinal Au(111) surface. Journal of Electron Spectroscopy and Related Phenomena, 2005, 144-147, 519-523.	1.7	3
241	Surface Hydrogenation Reactions at the Singleâ€Molecule Level. Chemical Record, 2014, 14, 819-826.	5.8	3
242	Self Terminating Reaction of Dipivaloylmethanate Complexes with Hydroxyl Groups on Oxide Surface. Materials Research Society Symposia Proceedings, 1991, 222, 333.	0.1	2
243	Changes in the Cu K-edge XANES of Bi 2201 phase by N2 annealing. Physica C: Superconductivity and Its Applications, 1991, 185-189, 923-924.	1.2	2
244	Experimental evidence on molecular interaction in desorption and adsorption of CO molecules on metal surfaces. Bulletin of Materials Science, 1997, 20, 769-776.	1.7	2
245	Electronic structures in the valence region of chemisorbed and physisorbed species on Pd(110). Journal of Electron Spectroscopy and Related Phenomena, 1998, 88-91, 665-669.	1.7	2
246	INTERACTIONS BETWEEN ADSORBED MOLECULES ON METAL SURFACES. Surface Review and Letters, 2000, 07, 619-624.	1.1	2
247	Investigation of 1D chain formation of CO on Pd(1 1 0) by low temperature scanning tunneling microscope. Surface Science, 2001, 482-485, 60-65.	1.9	2
248	Contrast in friction and its inversion observed on metal deposited SrTiO3(100) surfaces. Journal of Applied Physics, 2003, 94, 3082-3090.	2.5	2
249	Angle-resolved photoemission study of Fe on a vicinal Au (788) surface. Journal of Electron Spectroscopy and Related Phenomena, 2004, 137-140, 89-95.	1.7	2
250	Electronic structures of nanostructured transition metals on the Au(788) surface. Surface and Interface Analysis, 2005, 37, 124-128.	1.8	2
251	Electronic state observation of inner organic thin films beneath electrodes: Fluorescence-yield X-ray absorption spectra of pentacene derivative films. Journal of Electron Spectroscopy and Related Phenomena, 2009, 174, 93-99.	1.7	2
252	Upright Structuring of Functional Carboxylate Anchored on Benzoate/Cu(110) Molecular Template Studied by Scanning Tunneling Microscopy. Chemistry Letters, 2010, 39, 554-555.	1.3	2

#	Article	IF	Citations
253	Step-edge faceting and local metallization of a single-wall semiconducting carbon nanotube. Journal of Applied Physics, 2011, 110, 073710.	2.5	2
254	Molecular Assembly Through the Chain Reaction of Substituted Acenes on the Si(100)â€“(2 Ã— 1)â€“H Surface. Journal of Physical Chemistry C, 2013, , 130912152428004.	3.1	2
255	Dispersive Electronic States of the Ï€-Orbitals Stacking in Single Molecular Lines on the Si(001)-(2Ã—1)-H Surface. Journal of Physical Chemistry Letters, 2013, 4, 1199-1204.	4.6	2
256	Site-dependent electronic structures of a single molecule on a metal surface studied by scanning tunneling microscopy and spectroscopy. Chemical Physics Letters, 2014, 614, 117-122.	2.6	2
257	Electronic modulations in a single wall carbon nanotube induced by the Au(111) surface reconstruction. Applied Physics Letters, 2015, 106, .	3.3	2
258	Force Curve Measurements between n-Decanethiol Self-Assembled Monolayers in Inert Solvent and in Electrochemical Environment. E-Journal of Surface Science and Nanotechnology, 2009, 7, 731-736.	0.4	2
259	Structure of Dipivaloylmethanate Complexes Adsorbed with Hydroxyls on SiO2Surface by EXAFS. Japanese Journal of Applied Physics, 1993, 32, 431.	1.5	2
260	Low Temperature Epitaxial Growth of High Temperature Superconductors:Bi-Sr-Ca-Cu-O.. Materials Research Society Symposia Proceedings, 1991, 222, 291.	0.1	1
261	Insulatorâ€“metal transition in Sm1â^'xSrxMnO3 films. Journal of Physics and Chemistry of Solids, 2002, 63, 943-946.	4.0	1
262	Angle-resolved photoemission study of Co nanostructures on vicinal Au(1 1 1) surfaces. Applied Surface Science, 2004, 237, 291-295.	6.1	1
263	Spin Excitation of a Single Iron (II) Phthalocyanine Molecule on the Cu(110) Surface. Hyomen Kagaku, 2009, 30, 433-438.	0.0	1
264	Scanning tunneling microscopy and inelastic electron tunneling spectroscopy studies of methyl isocyanide adsorbed on Pt(111). Journal of Physics: Conference Series, 2010, 235, 012003.	0.4	1
265	Formation of Organic Nanostructures on Semiconductor Surfaces. , 2012, , 277-300.		1
266	High Energy- and Momentum-Resolved Two-Photon Photoemission Spectroscopy: Pure Dephasing Rate Measurement on Image States. Hyomen Kagaku, 2013, 34, 421-425.	0.0	1
267	Linewidth analysis of image potential states on noble metal surfaces with highâ€energy resolved twoâ€photon photoemission spectroscopy. Surface and Interface Analysis, 2016, 48, 1194-1198.	1.8	1
268	Local Structure of the Aminobenzoate Isomers on Cu(110). Shinku/Journal of the Vacuum Society of Japan, 2006, 49, 141-143.	0.2	1
269	Study on the Elementary Steps of the Epitaxial Growth of Bi-Sr-Ca-Cu-O on the Surface of Si and Mgo by Means of Rheed and Photoelectron Spectroscopies.. Materials Research Society Symposia Proceedings, 1989, 169, 715.	0.1	0
270	Effect of Elemental Substitution on the Superconductive Properties in Bi2Sr2Can-1CunOy. Molecular Crystals and Liquid Crystals Incorporating Nonlinear Optics, 1990, 184, 135-139.	0.3	0

#	Article	IF	Citations
271	In situ RHEED and XPS studies on ceramic layer epitaxy in UHV system. AIP Conference Proceedings, 1991, , .	0.4	0
272	Ultra thin film of Bi cuprate grown by a low temperature molecular beam epitaxy. Physica C: Superconductivity and Its Applications, 1991, 185-189, 2057-2058.	1.2	0
273	Effect of reduced hybridization at the surface:Niâ^'3dphotoemission line shape in Ni/Cu(111). Physical Review B, 2003, 68, .	3.2	0
274	Chemistry of Single Molecules at Surfaces. AIP Conference Proceedings, 2003, , .	0.4	0
275	Identification of Allylamine and Allylalcohol Adsorbate on Hydrogen-terminated Si(111). ECS Transactions, 2006, 3, 15-23.	0.5	0
276	Vibrationally Induced Inelastic Structures in Laser Photoemission Spectra. Hyomen Kagaku, 2007, 28, 378-384.	0.0	0
277	Effect of Substituent Position on Molecular Assembly: Hydrogen-Bonded Arrangement of Aminobenzoates Adsorbed on Cu(110). Japanese Journal of Applied Physics, 2009, 48, 08JB16.	1.5	0
278	Single-Molecule Chemistry. , 2009, , .		0
279	å^†åæŒ¯å‹•ã‚'å^©ç"¨ã•—ãŸå•å^†åæ"ä½œ. Electrochemistry, 2009, 77, 388-392.	1.4	0
280	Blocking Oxidation of Al Surfaces with Organic Thiol Monolayers Cured by Electron Beam. Chemistry Letters, 2010, 39, 1297-1299.	1.3	0
281	Atomic scale understanding of linear and perpendicular junction of molecular lines on Si(100)-H surface. , 2012, , .		0
282	Single Molecule Study of the Electronic Structures of Molecular Tripods with Functional Units. Journal of the Vacuum Society of Japan, 2014, 57, 159-162.	0.3	0
283	Single Molecule Vibrational Spectroscopy using STM. Hyomen Kagaku, 2014, 35, 565-570.	0.0	0
284	Controlling Dissociation Reaction of a Water Molecule on Ultrathin MgO Film. Hyomen Kagaku, 2014, 35, 486-491.	0.0	0
285	Onâ€Surface Evolution of meso â€Isomerism in Twoâ€Dimensional Supramolecular Assemblies. Angewandte Chemie, 2019, 131, 9713-9720.	2.0	0
286	Techniques for STM-IETS Measurement. Hyomen Kagaku, 2003, 24, 313-317.	0.0	0
287	Tunneling Electron Induced Chemical Reaction of Benzene Molecule on Cu(110). Hyomen Kagaku, 2003, 24, 568-572.	0.0	0
288	Partial Hydrogenation of 1,3-Butadiene Adsorbed on Pd(110): The Activation of Reactant by the Template Effect. Shinku/Journal of the Vacuum Society of Japan, 2003, 46, 203-206.	0.2	0

#	Article	IF	Citations
289	Charge Migration Mechanism in DNA Strands Elucidated by Electronic Structure Examinations. Hyomen Kagaku, 2006, 27, 469-474.	0.0	0
290	Analysis of the Molecular Beam Inelastic Scattering at Solid Surfaces Based on the Theoretical Model of Pure and Classical Binary Collision. Hyomen Kagaku, 2006, 27, 392-400.	0.0	0
291	The Electronic State and Spatial Distribution of Excess Charge Created by Oxygen Vacancies on Titanium Dioxide Surfaces. Hyomen Kagaku, 2010, 31, 474-479.	0.0	0