

Tetsuya Aruga

List of Publications by Year in descending order

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169
papers

4,657
citations

109137

35
h-index

118652

62
g-index

170
all docs

170
docs citations

170
times ranked

2881
citing authors

#	ARTICLE	IF	CITATIONS
1	Order-disorder transition on Si(001): $c(4\sqrt{2})$ to $(2\sqrt{2})$. Surface Science, 1987, 179, L63-L70.	0.8	275
2	Adsorption of Na atoms and oxygen-containing molecules on MgO(100) and (111) surfaces. Surface Science, 1987, 191, 479-491.	0.8	256
3	Large Rashba spin splitting of a metallic surface-state band on a semiconductor surface. Nature Communications, 2010, 1, 17.	5.8	206
4	Measurement of Overlayer-Plasmon Dispersion in K Chains Adsorbed on Si(001) $2\sqrt{2}$. Physical Review Letters, 1984, 53, 372-375.	2.9	185
5	Alkali-metal adsorption on metals. Progress in Surface Science, 1989, 31, 61-130.	3.8	175
6	Adsorption of CH ₃ OH, HCOOH and SO ₂ on TiO ₂ (110) and stepped TiO ₂ (441) surfaces. Surface Science, 1988, 193, 33-46.	0.8	164
7	Path and mechanism of hydrogen absorption at Pd(100). Surface Science, 1998, 401, 344-354.	0.8	153
8	Switchover of Reaction Paths in the Catalytic Decomposition of Formic Acid on TiO ₂ (110) Surface. Journal of Catalysis, 1994, 146, 557-567.	3.1	137
9	Modification of surface electronic structure on TiO ₂ (110) and TiO ₂ (441) by Na deposition. Surface Science, 1988, 199, 54-66.	0.8	125
10	H-atom relay reactions in real space. Nature Materials, 2012, 11, 167-172.	13.3	105
11	Direct Observation of Hydrogen-Bond Exchange within a Single Water Dimer. Physical Review Letters, 2008, 100, 166101.	2.9	103
12	Anisotropic Water Chain Growth on Cu(110) Observed with Scanning Tunneling Microscopy. Physical Review Letters, 2006, 96, 036105.	2.9	100
13	Rotational Epitaxy of Chemisorbed K Monolayers on Cu(001). Physical Review Letters, 1984, 52, 1794-1797.	2.9	80
14	Structure and transitions of K monolayers on Cu (001). Surface Science, 1985, 158, 490-496.	0.8	78
15	Valence-electronic structure of potassium adsorbed on Cu(001) deduced from work-function change and electron-energy-loss spectroscopy. Physical Review B, 1986, 34, 8237-8245.	1.1	76
16	Ordered-defect model for Si(001)-(2 $\sqrt{2}$) \times 8. Physical Review B, 1986, 34, 5654-5657.	1.1	73
17	Photoelectron spectroscopic study of clean and CO adsorbed Ni/TiO ₂ (110) interfaces. Surface Science, 1990, 233, 261-268.	0.8	70
18	Tunneling dynamics of a hydroxyl group adsorbed on Cu(110). Physical Review B, 2009, 79, .	1.1	65

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19	Catalytic reactions on a metal oxide single crystal: switchover of the reaction paths in formic acid decomposition on titanium dioxide TiO ₂ (110). <i>Journal of the American Chemical Society</i> , 1993, 115, 10460-10461.	6.6	63
20	Large Rashba spin splitting of surface resonance bands on semiconductor surface. <i>Physical Review B</i> , 2009, 80, .	1.1	62
21	Depth-resolved analysis of subsurface hydrogen absorbed by Pd(1 0 0). <i>Surface Science</i> , 2001, 482-485, 346-352.	0.8	60
22	Chemisorbed states of atomic oxygen and its replacement by atomic hydrogen on the diamond (100)-(2Å ⁻¹) surface. <i>Surface Science</i> , 1999, 436, 63-71.	0.8	50
23	Chemisorption of CO and H ₂ on clean and oxygen-modified Mo(112). <i>Surface Science</i> , 1993, 281, 241-252.	0.8	47
24	Interaction of NO with CO on Pd(100): ordered coadsorption structures and explosive reaction. <i>Surface Science</i> , 1996, 350, 79-90.	0.8	47
25	Active structures and electronic states for adsorption of CO ₂ and NO on an Na/TiO ₂ (110) surface. <i>Journal of the Chemical Society Faraday Transactions I</i> , 1989, 85, 2597.	1.0	45
26	Surface phonons of the Si(001)(2Å ⁻¹) surface. <i>Physical Review B</i> , 1999, 60, 10919-10925.	1.1	44
27	Charge-density waves on metal surfaces. <i>Journal of Physics Condensed Matter</i> , 2002, 14, 8393-8414.	0.7	44
28	Fermi Surface Nesting and Structural Transition on a Metal Surface: In/Cu(001). <i>Physical Review Letters</i> , 2001, 86, 854-857.	2.9	43
29	Symmetric hydrogen bond in a water-hydroxyl complex on Cu(110). <i>Physical Review B</i> , 2010, 81, .	1.1	42
30	Quantum delocalization of hydrogen on metal surfaces. <i>Surface Science Reports</i> , 2005, 57, 113-156.	3.8	40
31	Surface Peierls transition on Cu(001) covered with heavier p-block metals. <i>Surface Science Reports</i> , 2006, 61, 283-302.	3.8	40
32	Spin-polarized semiconductor surface states localized in subsurface layers. <i>Physical Review B</i> , 2010, 82, .	1.1	39
33	Interaction between CO and NH ₃ coadsorbed on Ru(001): its effects on the ordering in mixed adlayers and the ammonia dissociation. <i>Surface Science</i> , 1990, 240, 223-244.	0.8	38
34	Transition between tetramer and monomer phases driven by vacancy configuration entropy on Bi ²⁺ /Ag(001). <i>Physical Review B</i> , 2007, 75, .	1.1	38
35	Epitaxial growth of Bi thin films on Ge(111). <i>Applied Surface Science</i> , 2009, 256, 1252-1256.	3.1	37
36	Water clusters on Cu(110): Chain versus cyclic structures. <i>Journal of Chemical Physics</i> , 2011, 134, 024703.	1.2	36

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37	Two-dimensional condensation of K adatoms on Cu(0011). <i>Surface Science</i> , 1986, 175, L725-L729.	0.8	34
38	Low-energy electron diffraction analysis of the buried-heteroatom type Pd(100)-p(2 \times 2)-p4g-Al surface. <i>Surface Science</i> , 2000, 444, 7-17.	0.8	34
39	Vibrational spectra of hydrogen on the Rh(111) surface. <i>Surface Science</i> , 1999, 441, 507-514.	0.8	33
40	Imaging Covalent Bonding between Two NO Molecules on Cu(110). <i>Physical Review Letters</i> , 2011, 106, 156104.	2.9	33
41	Location of an O atom in the Pd(110)c(2 \times 4)-O structure. An EELS study. <i>Chemical Physics Letters</i> , 1995, 232, 531-536.	1.2	32
42	Evolution of geometric and electronic structure in ultrathin In films on Cu(001). <i>Physical Review B</i> , 2002, 66, .	1.1	32
43	Diels-Alder Reaction on the Clean Diamond (100) 2 \times 1 Surface. <i>Japanese Journal of Applied Physics</i> , 1999, 38, L1496-L1498.	0.8	29
44	Coadsorption of NH ₃ and CO on Ru(001): The ordering in mixed layers and the effect of intermolecular interactions on NH ₃ dissociation. <i>Surface Science</i> , 1989, 224, L969-L978.	0.8	27
45	Quantum delocalization of H on Pd(110): A vibrational study. <i>Physical Review B</i> , 1996, 53, 13767-13771.	1.1	25
46	Surface Phonons, Electronic Structure and Chemical Reactivity of Diamond (100)(2 \times 1) Surface. <i>Japanese Journal of Applied Physics</i> , 1999, 38, 6659-6666.	0.8	25
47	An unusual adsorption state of hydrogen on the Pd(100)-p(2 \times 2)-p4g-Al bimetallic surface. <i>Surface Science</i> , 1993, 283, 213-216.	0.8	23
48	Atomic and electronic structure of Tl $\sqrt{3}\times\sqrt{3}$ -Ge(111) $\sqrt{3}\times\sqrt{3}$ (1 \times 1): LEED and ARPES measurements and first-principles calculations. <i>Physical Review B</i> , 2007, 76, .	1.1	22
49	Direct evidence for the two-phonon bound states on the H/Ni(111) surface. <i>Physical Review B</i> , 2001, 63, .	1.1	21
50	Dual nature of a charge-density-wave transition on In/Cu(001). <i>Physical Review B</i> , 2003, 67, .	1.1	21
51	A metallic surface state with uniaxial spin polarization on Tl/Ge(111)-(1 \times 1). <i>Journal of Physics Condensed Matter</i> , 2012, 24, 092001.	0.7	21
52	Role of hydrogen bonding in the catalytic reduction of nitric oxide. <i>Chemical Science</i> , 2014, 5, 922-926.	3.7	21
53	Subsurface Hydrogen at Pd(100) Induced by Gas-Phase Atomic Hydrogen. <i>Journal of Physical Chemistry B</i> , 1999, 103, 7876-7881.	1.2	20
54	Overtones of H vibrations at Ni(111): Formation of delocalized states. <i>Physical Review B</i> , 2001, 63, .	1.1	20

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55	Dynamical fluctuations in In nanowires on Si(111). <i>Physical Review B</i> , 2011, 84, .	1.1	20
56	Structural and electronic properties of the Pb/Ge(111)- $\sqrt{3}\times\sqrt{3}$ R30 $^\circ$ surface studied by photoelectron spectroscopy and first-principles calculations. <i>Physical Review B</i> , 2012, 86, .	1.1	20
57	Band structure of Tl/Ge(111)- $\sqrt{3}\times\sqrt{3}$: Angle-resolved photoemission and first-principles prediction of giant Rashba effect. <i>Physical Review B</i> , 2008, 77, .	1.1	19
58	Controlling single-molecule junction conductance by molecular interactions. <i>Scientific Reports</i> , 2015, 5, 11796.	1.6	19
59	Water Monomer and Dimer on Cu(110) Studied Using a Scanning Tunneling Microscope. <i>E-Journal of Surface Science and Nanotechnology</i> , 2008, 6, 296-300.	0.1	19
60	Photoemission of Cs Valence Electrons from a Cs Monolayer on Si(111) $2\sqrt{3}\times\sqrt{3}$. <i>Japanese Journal of Applied Physics</i> , 1984, 23, L271-L273.	0.8	18
61	Vibrational Characterization of the Oxidation Products on Si(111)- $\sqrt{7}\times\sqrt{7}$. <i>Physical Review Letters</i> , 2003, 91, 256102.	2.9	18
62	Adsorbed states of H on Ni(111) at 100 K: A vibrational study. <i>Physical Review B</i> , 1997, 56, 14952-14955.	1.1	17
63	Formation of unique trimer of nitric oxide on Cu(111). <i>Journal of Chemical Physics</i> , 2014, 141, 134705.	1.2	17
64	Different types of Rashba spin-split surface states on Ge(1 1 1). <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2015, 201, 74-80.	0.8	17
65	Coadsorption of CO and methylamine on Ru(001): effect of coadsorbed CO on dissociation paths of methylamine. <i>Surface Science</i> , 1991, 249, L347-L353.	0.8	16
66	Explosive production of CO ₂ from (NO + CO)/Pd(100). <i>Surface Science</i> , 1995, 341, L1096-L1100.	0.8	16
67	Vibrational Spectroscopy of Crystalline Multilayer Ice: Surface Modes in the Intermolecular-Vibration Region. <i>Journal of Physical Chemistry B</i> , 2003, 107, 13962-13968.	1.2	16
68	Temperature dependence of the charge-density-wave energy gap on In $\sqrt{3}\times\sqrt{3}$ -Cu(001). <i>Physical Review B</i> , 2005, 71, .	1.1	16
69	Spin-polarized surface states on Br/Ge(111)- 1×1 : Surface spin polarization without heavy elements. <i>Physical Review B</i> , 2012, 86, .	1.1	16
70	Anomalous electrical conduction in a monatomic Pb layer on Ge(111). <i>Physical Review B</i> , 2014, 90, .	1.1	16
71	Epitaxial growth of an Fe overlayer on a Ru(001) surface and adsorption of CO and NH ₃ on the Fe commensurate overlayer. <i>Surface Science</i> , 1987, 185, L506-L510.	0.8	15
72	Coadsorption of C ₂ H ₂ and CO on Ru(001): formation of mixed adlayer and the effect of CO on acetylene adsorption and decomposition. <i>Surface Science</i> , 1992, 278, 291-302.	0.8	15

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73	Coadsorption of CO and methylamine on Ru(001): reaction paths of methylamine induced by CO in ordered coadsorbed structures. <i>Surface Science</i> , 1992, 276, 69-85.	0.8	15
74	Restraint of NH ₃ dissociation on oxygen-modified Mo(112). <i>Surface Science</i> , 1995, 324, 17-24.	0.8	15
75	Adsorption and Thermal Decomposition of Formic Acid on the Si(100)(2 \times 1) $\sqrt{3}$ Surface. <i>Journal of Physical Chemistry B</i> , 1997, 101, 7007-7011.	1.2	14
76	Nature of hydrogen bonding in hydroxyl groups on a metal surface. <i>Physical Review B</i> , 2012, 86, .	1.1	14
77	Electrical conduction and metal-insulator transition of indium nanowires on Si(111). <i>Physical Review B</i> , 2017, 95, .	1.1	14
78	THE ROLE OF SULFITE ANION AS A HOLE SCAVENGER IN THE PHOTOCATALYTIC HYDROGEN FORMATION FROM WATER ON CdS SEMICONDUCTOR UNDER ILLUMINATION OF VISIBLE LIGHT. <i>Chemistry Letters</i> , 1983, 12, 1037-1040.	0.7	13
79	Epitaxial growth of Fe overlayers on the Ru(001) surface. <i>Surface Science</i> , 1987, 188, 563-574.	0.8	13
80	Investigation on the Surface Electronic States of the Si(001) c(4 \times 2) and c(8 \times 8) Surfaces: An Electron Energy Loss Spectroscopy Study. <i>Japanese Journal of Applied Physics</i> , 1997, 36, L975-L978.	0.8	13
81	Adsorption and thermal decomposition of N ₂ O on Si(100): electron energy loss spectroscopy and thermal desorption studies. <i>Surface Science</i> , 1997, 382, 214-220.	0.8	13
82	Surface vibrations of diamond C(001)(2 \times 1). <i>Physical Review B</i> , 2003, 68, .	1.1	13
83	Adsorption and reaction of H ₂ S on Cu(110) studied using scanning tunneling microscopy. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 4541-4546.	1.3	13
84	Order-disorder transition on Si(001): c(4 \times 2) to (2 \times 1). <i>Surface Science Letters</i> , 1987, 179, L63-L70.	0.1	12
85	Novel reaction path induced by selective blocking of surface atoms: methanol dehydrogenation on Mo(112)-(1 \times 2)-O. <i>Surface Science</i> , 1993, 295, 160-168.	0.8	12
86	Na ₂ O overlayers epitaxially prepared on Pd(100) and structure-sensitive CO ₂ adsorption. <i>Surface Science</i> , 1994, 310, 135-146.	0.8	12
87	Secondary oxidation product on Si(111)-(7 \times 7) characterized by isotope-labeled vibrational spectroscopy. <i>Journal of Chemical Physics</i> , 2005, 122, 234709.	1.2	12
88	Two-dimensional states localized in subsurface layers of Ge(111). <i>Physical Review B</i> , 2013, 88, .	1.1	12
89	Role of valence states of adsorbates in inelastic electron tunneling spectroscopy: A study of nitric oxide on Cu(110) and Cu(001). <i>Physical Review B</i> , 2016, 94, .	1.1	12
90	Hydrogen desorption from Si(100)(2 \times 1)-H induced by potassium adsorption. <i>Surface Science</i> , 1995, 325, 11-20.	0.8	11

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91	Adsorbed states of K on the diamond (100)(2Å–1) surface. <i>Diamond and Related Materials</i> , 2000, 9, 162-169.	1.8	11
92	Overtone of the C–H stretch vibrations on C(001)(2Å–1)–H. <i>Chemical Physics Letters</i> , 2003, 381, 535-540.	1.2	11
93	Imaging sequential dehydrogenation of methanol on Cu(110) with a scanning tunneling microscope. <i>Journal of Chemical Physics</i> , 2011, 134, 174703.	1.2	11
94	Configuration change of NO on Cu(110) as a function of temperature. <i>Journal of Chemical Physics</i> , 2014, 140, 214706.	1.2	11
95	Low-energy electron diffraction analysis of the Pd(100)-p(2 Å– 2)-p4g-Al surface: a buried-heteroatom structure. <i>Surface Science</i> , 1997, 392, L51-L55.	0.8	10
96	Absorption of D in the H+D/Pd(100) reaction. <i>Surface Science</i> , 1998, 411, L849-L854.	0.8	10
97	Growth mechanism of the Pd(100)-p(2Å–2)-p4g-Al surface alloy. <i>Surface Science</i> , 2000, 460, 264-276.	0.8	10
98	Adsorbate phonons on Ni(100)(1Å–1)–H. <i>Physical Review B</i> , 2002, 66, .	1.1	10
99	Order-disorder transition in the surface charge-density-wave phase of Cu(001)–c(4Å–4)–In. <i>Physical Review B</i> , 2005, 72, .	1.1	10
100	A new reaction channel in H(g)+D(a)/Pd(100): absorption versus abstraction. <i>Surface Science</i> , 1999, 427-428, 277-281.	0.8	9
101	A Metastable Precursor in the Oxidation of Si(111)-(7Å– 7). <i>Japanese Journal of Applied Physics</i> , 2002, 41, L1419-L1421.	0.8	9
102	Adsorbed states and scanning tunneling microscopy induced migration of acetylene on Cu(110). <i>Journal of Chemical Physics</i> , 2007, 126, 234708.	1.2	9
103	Structure determination of Bi/Ge(111)-(sqrt {3}imes sqrt {3})mathrm {R}30^circ by dynamical low-energy electron diffraction analysis and scanning tunneling microscopy. <i>Journal of Physics Condensed Matter</i> , 2009, 21, 405001.	0.7	9
104	Modifying current-voltage characteristics of a single molecule junction by isotope substitution: OHOD dimer on Cu(110). <i>Physical Review B</i> , 2012, 85, .	1.1	9
105	Controlled switching of single-molecule junctions by mechanical motion of a phenyl ring. <i>Beilstein Journal of Nanotechnology</i> , 2015, 6, 2088-2095.	1.5	9
106	Water–NO Complex Formation and Chain Growth on Cu(111). <i>Journal of Physical Chemistry C</i> , 2018, 122, 8894-8900.	1.5	9
107	Adsorbed states of NH ₃ and C ₆ H ₆ on the Si(111)(√3 Å– √3)R30°-B surface: Thermal-desorption and electron-energy-loss-spectroscopy studies. <i>Physical Review B</i> , 1994, 50, 17440-17449.	1.1	8
108	Interaction of acetylene with the Pd(110)(1 Å– 2)–Cs surface: promotion of ethylene formation. <i>Surface Science</i> , 1994, 306, 179-192.	0.8	8

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109	Comparative study of phenol and thiophenol adsorption on Cu(110). Journal of Chemical Physics, 2013, 139, 044708.	1.2	8
110	Experimental evidence for two-dimensional states localized in subsurface region of Ge(1 1 1). Journal of Electron Spectroscopy and Related Phenomena, 2015, 201, 92-97.	0.8	8
111	Atomic-scale study of the formation of sodium-water complexes on Cu(110). Physical Chemistry Chemical Physics, 2018, 20, 12210-12216.	1.3	8
112	Identification of single-layer metallic structure of indium on Si(111). Journal of Physics Condensed Matter, 2018, 30, 365002.	0.7	8
113	Structure and phase transition of a uniaxially incommensurate In monolayer on Si(111). Physical Review B, 2019, 100, .	1.1	8
114	Ordered oxygen on molybdenum(112): modification of surface electronic structure and control of reaction path. Journal of the American Chemical Society, 1992, 114, 4911-4912.	6.6	7
115	Adsorbed states of CO on the Si(100)-K surface: electron energy-loss spectroscopy and thermal desorption studies. Surface Science, 1998, 395, L246-L251.	0.8	7
116	Structure and chemistry of Pd(100)-p(2 \times 2)-p4g-Al surface alloy. Surface Science, 1999, 427-428, 74-78.	0.8	7
117	Surface phonons of C(001)(2 \times 1) $\sqrt{3}$. Physical Review B, 2003, 68, .	1.1	7
118	Vibrational spectroscopic evidence for (NO) ₃ formation on Cu(111). Journal of Chemical Physics, 2016, 145, 054705.	1.2	7
119	Fermi surface evolution and charge-density waves on In/Cu(001). Applied Surface Science, 2004, 237, 270-273.	3.1	6
120	Imaging and Manipulation of Initial Oxidation Product on Si(111)-(7 \times 7). Japanese Journal of Applied Physics, 2005, 44, 5362-5364.	0.8	6
121	Dihydride formation in the reaction of water with Si(111)-(7 \times 7). Physical Review B, 2005, 72, .	1.1	6
122	Vibrationally assisted dissociative adsorption of oxygen on Ru(0001). Chemical Physics Letters, 2006, 433, 58-61.	1.2	6
123	Structure determination of Pb/Ge(111)- $\sqrt{3}\times\sqrt{3}$ by dynamical low-energy electron diffraction analysis and first-principles calculation. Journal of Physics Condensed Matter, 2011, 23, 435001.	0.7	6
124	A flat-lying dimer as a key intermediate in NO reduction on Cu(100). Physical Chemistry Chemical Physics, 2021, 23, 16880-16887.	1.3	6
125	Influence of pre- and postdeposited gold on coadsorbed carbon monoxide on ruthenium(001). Langmuir, 1989, 5, 348-352.	1.6	5
126	Chemical reactivity of the Si(111) $\sqrt{3}\times\sqrt{3}$ surface: An electron-energy-loss spectroscopy study. Applied Surface Science, 1994, 82-83, 434-436.	3.1	5

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127	Mechanisms of the CO oxidation on the Pd(110)c(2 Å— 4)-O surface. Surface Science, 1998, 397, 295-305.	0.8	5
128	Chemisorption of O2 and CO on the K-modified diamond (100)2Å—1 surface. Diamond and Related Materials, 2001, 10, 2049-2056.	1.8	5
129	Evolution of geometric and electronic structure at theBiâ•Ag(001)interface. Physical Review B, 2005, 72, .	1.1	5
130	Long-period surface structure stabilized by Fermi surface nesting:Cu(001)â•(20Å—20)R26.6Å°â•In. Physical Review B, 2006, 73, .	1.1	5
131	Vibrationally-assisted dissociative adsorption of oxygen on Ru(0001)-p(2Å—1)-O. Surface Science, 2007, 601, 3809-3812.	0.8	5
132	High resolution X-ray photoelectron spectroscopy study on initial oxidation of 4H-SiC(0 0 0 1)-(â•3 Å—) Tj ETQq0 0.0 rgBT /Qverlock 10	0.8	5
133	Adsorbed states of chlorophenol on Cu(110) and controlled switching of single-molecule junctions. Journal of Chemical Physics, 2016, 144, 244703.	1.2	5
134	Effect of adsorbates on single-molecule junction conductance. Surface Science, 2018, 678, 169-176.	0.8	5
135	Adsorbate-adsorbate interaction among NO and CO coadsorbed on Pd(100). Applied Surface Science, 1997, 121-122, 571-574.	3.1	4
136	Electronic driving mechanisms for displacive reconstruction and its lifting by hydrogen adsorption on a metallic surface alloy. Physical Review B, 2003, 68, .	1.1	4
137	Structure analysis of Cu(001)â•c(4Å—4)-In by surface X-ray diffraction. Surface Science, 2004, 565, 144-150.	0.8	4
138	Structures and magnetism of two types ofc(2Å—2)â•Mnâ•Pd(001)surface alloys. Physical Review B, 2005, 71, .	1.1	4
139	Hydrogen Absorption and Hydrogenation by Palladium. Hyomen Kagaku, 2006, 27, 341-347.	0.0	4
140	Real-space characterization of hydroxyphenyl porphyrin derivatives designed for single-molecule devices. RSC Advances, 2015, 5, 79152-79156.	1.7	4
141	Identifying Atomic-Level Correlation between Geometric and Electronic Structure at a Metalâ•Organic Interface. Journal of Physical Chemistry C, 2020, 124, 17696-17701.	1.5	4
142	Structure and electronic states of strongly interacting metal-organic interfaces: CuPc on Cu(100) and Cu(110). Surface Science, 2022, 723, 122126.	0.8	4
143	Coadsorption of CO and methylamine on Ru(001): effects of coadsorbed CO on dissociation paths of methylamine. Surface Science Letters, 1991, 249, L347-L353.	0.1	3
144	Control of the Methanol Reaction Pathway by Oxygen Adsorbed on Mo(112). ACS Symposium Series, 1993, , 110-121.	0.5	3

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145	Atomic-hydrogen-induced restructuring of the Si(100)(2 Å ⁻¹)-K surface. Surface Science, 1995, 337, L783-L788.	0.8	3
146	Adsorption of hydrogen on the Pd(100)-p(2Å ⁻²)-p4g-Pd3Ti surface. Surface Science, 2004, 566-568, 777-782.	0.8	3
147	Rashba Effect at Surfaces. Journal of the Vacuum Society of Japan, 2009, 52, 577-581.	0.3	3
148	Ultrathin (In, Mg) films on Si(111): A nearly freestanding double-layer metal. Physical Review B, 2022, 105, .	1.1	3
149	CO adsorption on the Pd(110)c(2 Å ⁻⁴)-O surface " formation of a p(2 Å ⁻⁴) structure. Surface Science, 1996, 365, 422-428.	0.8	2
150	Diffusion and coalescence of bilayer surface-alloy islands of Pd(001)-p(2Å ⁻²)-p4g"Al. Surface Science, 2001, 493, 325-330.	0.8	2
151	Structure determination of Tl/Ge(111)-(3 Å ⁻¹) by surface x-ray diffraction. Journal of Physics Condensed Matter, 2008, 20, 395226.	0.7	2
152	Two-dimensional condensation of K adatoms on Cu(001). Surface Science Letters, 1986, 175, L725-L729.	0.1	1
153	Coadsorption of CO and C ₂ H ₄ on Pd(110). Formation of a (3Å ⁻²) mixed structure. Chemical Physics Letters, 1993, 215, 523-527.	1.2	1
154	HREELS study on CO adsorbed on clean, nitrated and oxidized surfaces. Surface Science, 1993, 291, 429-438.	0.8	1
155	Surface optical modes of ice detected by high resolution electron energy loss spectroscopy. Surface Science, 2002, 515, L499-L503.	0.8	1
156	Metallic conduction through van der Waals interfaces in ultrathin Bi_2Te_3 films. Scientific Reports, 2021, 11, 5742.	1.6	1
157	Effect of local geometry on magnetic property of nitric oxide on $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" \rangle \langle \text{mml:mi} \rangle \text{Au} \langle / \text{mml:mi} \rangle \langle \text{mml:mo} \rangle \langle / \text{mml:mo} \rangle \langle \text{mml:mn} \rangle 110 \langle / \text{mml:mn} \rangle \langle \text{mml:mn} \rangle \langle / \text{mml:mn} \rangle$ Physical Review B, 2021, 103, .		
158	Scanning Tunneling Microscopy Observation of One-dimensional Water Chain on Cu(110). Hyomen Kagaku, 2006, 27, 455-460.	0.0	1
159	Hopping Motion and Reaction of a Single Water Molecule on Cu(110). Hyomen Kagaku, 2008, 29, 484-488.	0.0	1
160	Rashba Effect of the Tl-covered Ge(111) Surface. Hyomen Kagaku, 2009, 30, 16-21.	0.0	1
161	Coadsorption of NH ₃ and CO on Ru(001): The ordering in mixed layers and the effect of intermolecular interactions on NH ₃ dissociation. Surface Science Letters, 1989, 224, L969-L978.	0.1	0
162	Charge-density Wave Phase Transitions on Crystal Surfaces. Hyomen Kagaku, 2012, 33, 513-518.	0.0	0

#	ARTICLE	IF	CITATIONS
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