Tetsuya Aruga

List of Publications by Year
in descending order

169	4,657	109264 35	118793 62
papers	citations	h-index	g-index

170	170	170	2881
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Ultrathin (In, Mg) films on Si(111): A nearly freestanding double-layer metal. Physical Review B, 2022, 105, .	1.1	3
2	CuPc Adsorption on Au(110)-(1 Ã— 2): From a Monomer to a Periodic Chain. E-Journal of Surface Science and Nanotechnology, 2022, 20, 25-30.	0.1	0
3	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
4	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
5	Metallic conduction through van der Waals interfaces in ultrathin $$hbox{Bi}_2hbox{Te}_3$$ films. Scientific Reports, 2021, 11, 5742.	1.6	1
6	Effect of local geometry on magnetic property of nitric oxide on <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>Au</mml:mi><mml:mo>(</mml:mo><mml:mn>110</mml:mn><mml:m Physical Review B, 2021, 103, .	1.1	1
7	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
8	Uniaxially Incommensurate Structure and Metal-insulator Transition of Metallic Indium Monolayer on Si(111). Vacuum and Surface Science, 2020, 63, 425-430.	0.0	0
9	Structure and phase transition of a uniaxially incommensurate In monolayer on Si(111). Physical Review B, 2019, 100, .	1.1	8
10	Waterâ€“NO Complex Formation and Chain Growth on Cu(111). Journal of Physical Chemistry C, 2018, 122, 8894-8900.	1.5	9
11	Atomic-scale study of the formation of sodiumâ€“water complexes on Cu(110). Physical Chemistry Chemical Physics, 2018, 20, 12210-12216.	1.3	8
12	Effect of adsorbates on single-molecule junction conductance. Surface Science, 2018, 678, 169-176.	0.8	5
13	Identification of single-layer metallic structure of indium on Si(1â€‰×â€‰1). Journal of Physics Condensed Matter, 2018, 30, 365002.	0.7	8
14	Electrical conduction and metal-insulator transition of indium nanowires on Si(111). Physical Review B, 2017, 95, .	1.1	14
15	Vibrational spectroscopic evidence for (NO)3 formation on Cu(111). Journal of Chemical Physics, 2016, 145, 054705.	1.2	7
16	Role of valence states of adsorbates in inelastic electron tunneling spectroscopy: A study of nitric oxide on Cu(110) and Cu(001). Physical Review B, 2016, 94, .	1.1	12
17	Adsorbed states of chlorophenol on Cu(110) and controlled switching of single-molecule junctions. Journal of Chemical Physics, 2016, 144, 244703.	1.2	5
18	Adsorption and reaction of H₂S on Cu(110) studied using scanning tunneling microscopy. Physical Chemistry Chemical Physics, 2016, 18, 4541-4546.	1.3	13

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19	Controlling single-molecule junction conductance by molecular interactions. Scientific Reports, 2015, 5, 11796.	1.6	19
20	On the Surface Carrier Transport. Hyomen Kagaku, 2015, 36, 103-103.	0.0	0
21	Controlled switching of single-molecule junctions by mechanical motion of a phenyl ring. Beilstein Journal of Nanotechnology, 2015, 6, 2088-2095.	1.5	9
22	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
23	Different types of Rashba spin-split surface states on Ge(1 1 1). Journal of Electron Spectroscopy and Related Phenomena, 2015, 201, 74-80.	0.8	17
24	Real-space characterization of hydroxyphenyl porphyrin derivatives designed for single-molecule devices. RSC Advances, 2015, 5, 79152-79156.	1.7	4
25	Anomalous electrical conduction in a monatomic Pb layer on Ge(111). Physical Review B, 2014, 90, .	1.1	16
26	Configuration change of NO on Cu(110) as a function of temperature. Journal of Chemical Physics, 2014, 140, 214706.	1.2	11
27	Formation of unique trimer of nitric oxide on Cu(111). Journal of Chemical Physics, 2014, 141, 134705.	1.2	17
28	Role of hydrogen bonding in the catalytic reduction of nitric oxide. Chemical Science, 2014, 5, 922-926.	3.7	21
29	Water and Surfaces. Hyomen Kagaku, 2014, 35, 479-479.	0.0	0
30	Two-dimensional states localized in subsurface layers of Ge(111). Physical Review B, 2013, 88, .	1.1	12
31	Comparative study of phenol and thiophenol adsorption on Cu(110). Journal of Chemical Physics, 2013, 139, 044708.	1.2	8
32	A metallic surface state with uniaxial spin polarization on Tl/Ge(111)-(1 Ã— 1). Journal of Physics Condensed Matter, 2012, 24, 092001.	0.7	21
33	Modifying current-voltage characteristics of a single molecule junction by isotope substitution: OHOD dimer on Cu(110). Physical Review B, 2012, 85, .	1.1	9
34	Nature of hydrogen bonding in hydroxyl groups on a metal surface. Physical Review B, 2012, 86, .	1.1	14
35	Spin-polarized surface states on Br/Ge(111)-(1Ã—1): Surface spin polarization without heavy elements. Physical Review B, 2012, 86, .	1.1	16
36	Charge-density Wave Phase Transitions on Crystal Surfaces. Hyomen Kagaku, 2012, 33, 513-518.	0.0	0

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37	Structural and electronic properties of the Pb/Ge(111)-Î²(3Ã—3)R30â˜surface studied by photoelectron spectroscopy and first-principles calculations. Physical Review B, 2012, 86, .	1.1	20
38	H-atom relay reactions in real space. Nature Materials, 2012, 11, 167-172.	13.3	105
39	Water clusters on Cu(110): Chain versus cyclic structures. Journal of Chemical Physics, 2011, 134, 024703.	1.2	36
40	Structure determination of Pb/Ge(111)-$eta ext{-}(sqrt{3}imes sqrt{3})mathrm{R}30^{circ} $ by dynamical low-energy electron diffraction analysis and first-principles calculation. Journal of Physics Condensed Matter, 2011, 23, 435001.	0.7	6
41	Imaging Covalent Bonding between Two NO Molecules on Cu(110). Physical Review Letters, 2011, 106, 156104.	2.9	33
42	Dynamical fluctuations in In nanowires on Si(111). Physical Review B, 2011, 84, .	1.1	20
43	Imaging sequential dehydrogenation of methanol on Cu(110) with a scanning tunneling microscope. Journal of Chemical Physics, 2011, 134, 174703.	1.2	11
44	Spin-polarized semiconductor surface states localized in subsurface layers. Physical Review B, 2010, 82, .	1.1	39
45	Symmetric hydrogen bond in a water-hydroxyl complex on Cu(110). Physical Review B, 2010, 81, .	1.1	42
46	Large Rashba spin splitting of a metallic surface-state band on a semiconductor surface. Nature Communications, 2010, 1, 17.	5.8	206
47	Rashba Effect at Surfaces. Journal of the Vacuum Society of Japan, 2009, 52, 577-581.	0.3	3
48	Large Rashba spin splitting of surface resonance bands on semiconductor surface. Physical Review B, 2009, 80, .	1.1	62
49	Epitaxial growth of Bi thin films on Ge(111). Applied Surface Science, 2009, 256, 1252-1256.	3.1	37
50	High resolution X-ray photoelectron spectroscopy study on initial oxidation of 4H-SiC(0 0 0 1)-(âˆš3 Ã—) Tj ETQq0 0 0 rgBT /Overlock 10	0.8	5
51	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. Journal of Physics Condensed Matter, 2009, 21, 405001.	0.7	9
52	Tunneling dynamics of a hydroxyl group adsorbed on Cu(110). Physical Review B, 2009, 79, .	1.1	65
53	Rashba Effect of the Tl-covered Ge(111) Surface. Hyomen Kagaku, 2009, 30, 16-21.	0.0	1
54	Direct Observation of Hydrogen-Bond Exchange in Small Water Clusters. Hyomen Kagaku, 2009, 30, 448-453.	0.0	0

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55	Structure determination of Tl/Ge(111)-(3 Ã— 1) by surface x-ray diffraction. Journal of Physics Condensed Matter, 2008, 20, 395226.	0.7	2
56	Band structure ofTl/Ge(111)â˜'(3Ã—1): Angle-resolved photoemission and first-principles prediction of giant Rashba effect. Physical Review B, 2008, 77, .	1.1	19
57	Direct Observation of Hydrogen-Bond Exchange within a Single Water Dimer. Physical Review Letters, 2008, 100, 166101.	2.9	103
58	Water Monomer and Dimer on Cu(110) Studied Using a Scanning Tunneling Microscope. E-Journal of Surface Science and Nanotechnology, 2008, 6, 296-300.	0.1	19
59	Hopping Motion and Reaction of a Single Water Molecule on Cu(110). Hyomen Kagaku, 2008, 29, 484-488.	0.0	1
60	Adsorbed states and scanning tunneling microscopy induced migration of acetylene on Cu(110). Journal of Chemical Physics, 2007, 126, 234708.	1.2	9
61	Atomic and electronic structure ofTlâ•Ge(111)â˜'(1Ã—1): LEED and ARPES measurements and first-principles calculations. Physical Review B, 2007, 76, .	1.1	22
62	Transition between tetramer and monomer phases driven by vacancy configuration entropy onBiâ•Ag(001). Physical Review B, 2007, 75, .	1.1	38
63	Vibrationally-assisted dissociative adsorption of oxygen on Ru(0001)-p(2Ã—1)-O. Surface Science, 2007, 601, 3809-3812.	0.8	5
64	Hydrogen Absorption and Hydrogenation by Palladium. Hyomen Kagaku, 2006, 27, 341-347.	0.0	4
65	Vibrationally assisted dissociative adsorption of oxygen on Ru(0 0 0 1). Chemical Physics Letters, 2006, 433, 58-61.	1.2	6
66	Surface Peierls transition on Cu(001) covered with heavier p-block metals. Surface Science Reports, 2006, 61, 283-302.	3.8	40
67	Long-period surface structure stabilized by Fermi surface nesting:Cu(001)â˜'(20Ã—20)R26.6Â°â˜'In. Physical Review B, 2006, 73, .	1.1	5
68	Anisotropic Water Chain Growth on Cu(110) Observed with Scanning Tunneling Microscopy. Physical Review Letters, 2006, 96, 036105.	2.9	100
69	Scanning Tunneling Microscopy Observation of One-dimensional Water Chain on Cu(110). Hyomen Kagaku, 2006, 27, 455-460.	0.0	1
70	Quantum delocalization of hydrogen on metal surfaces. Surface Science Reports, 2005, 57, 113-156.	3.8	40
71	Imaging and Manipulation of Initial Oxidation Product on Si(111)-(7Ã—7). Japanese Journal of Applied Physics, 2005, 44, 5362-5364.	0.8	6
72	Dihydride formation in the reaction of water withSi(111)â˜'(7Ã—7). Physical Review B, 2005, 72, .	1.1	6

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73	Temperature dependence of the charge-density-wave energy gap onInâˆ•Cu(001). Physical Review B, 2005, 71, .	1.1	16
74	Evolution of geometric and electronic structure at theBiâˆ•Ag(001)interface. Physical Review B, 2005, 72, .	1.1	5
75	Secondary oxidation product on Si(111)-(7Ã—7) characterized by isotope-labeled vibrational spectroscopy. Journal of Chemical Physics, 2005, 122, 234709.	1.2	12
76	Order-disorder transition in the surface charge-density-wave phase ofCu(001)â^'c(4Ã—4)â^'In. Physical Review B, 2005, 72, .	1.1	10
77	Structures and magnetism of two types ofc(2Ã—2)â^'Mnâˆ•Pd(001)surface alloys. Physical Review B, 2005, 71, .	1.1	4
78	Adsorption of hydrogen on the Pd(100)-p(2Ã—2)-p4g-Pd3Ti surface. Surface Science, 2004, 566-568, 777-782.	0.8	3
79	Structure analysis of Cu(001)â€“c(4Ã—4)-In by surface X-ray diffraction. Surface Science, 2004, 565, 144-150.	0.8	4
80	Fermi surface evolution and charge-density waves on In/Cu(0â€‰0â€‰1). Applied Surface Science, 2004, 237, 270-273.	3.1	6
81	Overtones of the Câ€“H stretch vibrations on C(001)(2Ã—1)â€“H. Chemical Physics Letters, 2003, 381, 535-540.	1.2	11
82	Vibrational Spectroscopy of Crystalline Multilayer Ice:â€‰ Surface Modes in the Intermolecular-Vibration Region. Journal of Physical Chemistry B, 2003, 107, 13962-13968.	1.2	16
83	Surface vibrations of diamondC(001)(2Ã—1). Physical Review B, 2003, 68, .	1.1	13
84	Dual nature of a charge-density-wave transition on In/Cu(001). Physical Review B, 2003, 67, .	1.1	21
85	Surface phonons ofC(001)(2Ã—1)â^'H. Physical Review B, 2003, 68, .	1.1	7
86	Vibrational Characterization of the Oxidation Products onSi(111)â^'(7Ã—7). Physical Review Letters, 2003, 91, 256102.	2.9	18
87	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
88	Evolution of geometric and electronic structure in ultrathin In films on Cu(001). Physical Review B, 2002, 66, .	1.1	32
89	Adsorbate phonons onNi(100)(1Ã—1)â^'H. Physical Review B, 2002, 66, .	1.1	10
90	Charge-density waves on metal surfaces. Journal of Physics Condensed Matter, 2002, 14, 8393-8414.	0.7	44

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91	A Metastable Precursor in the Oxidation of Si(111)-(7Ã— 7). Japanese Journal of Applied Physics, 2002, 41, L1419-L1421.	0.8	9
92	Surface optical modes of ice detected by high resolution electron energy loss spectroscopy. Surface Science, 2002, 515, L499-L503.	0.8	1
93	Chemisorption of O2 and CO on the K-modified diamond (100)2Ã—1 surface. Diamond and Related Materials, 2001, 10, 2049-2056.	1.8	5
94	Depth-resolved analysis of subsurface hydrogen absorbed by Pd(1 0 0). Surface Science, 2001, 482-485, 346-352.	0.8	60
95	Diffusion and coalescence of bilayer surface-alloy islands of Pd(001)-p(2Ã—2)-p4gâ€“Al. Surface Science, 2001, 493, 325-330.	0.8	2
96	Fermi Surface Nesting and Structural Transition on a Metal Surface: In/Cu(001). Physical Review Letters, 2001, 86, 854-857.	2.9	43
97	Overtones of H vibrations at Ni(111): Formation of delocalized states. Physical Review B, 2001, 63, .	1.1	20
98	Direct evidence for the two-phonon bound states on the H/Ni(111) surface. Physical Review B, 2001, 63, .	1.1	21
99	Growth mechanism of the Pd(100)-p(2Ã—2)-p4g-Al surface alloy. Surface Science, 2000, 460, 264-276.	0.8	10
100	Low-energy electron diffraction analysis of the buried-heteroatom type Pd(100)-p(2Ã—2)-p4g-Al surface. Surface Science, 2000, 444, 7-17.	0.8	34
101	Adsorbed states of K on the diamond (100)(2Ã—1) surface. Diamond and Related Materials, 2000, 9, 162-169.	1.8	11
102	Diels-Alder Reaction on the Clean Diamond (100) 2Ã— 1 Surface. Japanese Journal of Applied Physics, 1999, 38, L1496-L1498.	0.8	29
103	Surface Phonons, Electronic Structure and Chemical Reactivity of Diamond (100)(2 Ã—1) Surface. Japanese Journal of Applied Physics, 1999, 38, 6659-6666.	0.8	25
104	Surface phonons of theSi(001)(2Ã—1)surface. Physical Review B, 1999, 60, 10919-10925.	1.1	44
105	Structure and chemistry of Pd(100)-p(2Ã—2)-p4gâ€“Al surface alloy. Surface Science, 1999, 427-428, 74-78.	0.8	7
106	A new reaction channel in H(g)+D(a)/Pd(100): absorption versus abstraction. Surface Science, 1999, 427-428, 277-281.	0.8	9
107	Chemisorbed states of atomic oxygen and its replacement by atomic hydrogen on the diamond (100)-(2Ã—1) surface. Surface Science, 1999, 436, 63-71.	0.8	50
108	Vibrational spectra of hydrogen on the Rh(111) surface. Surface Science, 1999, 441, 507-514.	0.8	33

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109	Subsurface Hydrogen at Pd(100) Induced by Gas-Phase Atomic Hydrogen. Journal of Physical Chemistry B, 1999, 103, 7876-7881.	1.2	20
110	Behavior of hydrogen at surfaces. Mechanism of Hydrogen Absorption and Desorption on Pd Surface.. Shinku/Journal of the Vacuum Society of Japan, 1999, 42, 1048-1054.	0.2	0
111	Mechanisms of the CO oxidation on the Pd(110)c(2 Ã— 4)-O surface. Surface Science, 1998, 397, 295-305.	0.8	5
112	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
113	Path and mechanism of hydrogen absorption at Pd(100). Surface Science, 1998, 401, 344-354.	0.8	153
114	Absorption of D in the H+D/Pd(100) reaction. Surface Science, 1998, 411, L849-L854.	0.8	10
115	Investigation on the Surface Electronic States of the Si(001) c(4Ã—2) and c(8Ã—8) Surfaces: An Electron Energy Loss Spectroscopy Study. Japanese Journal of Applied Physics, 1997, 36, L975-L978.	0.8	13
116	Adsorbed states of H on Ni(111) at 100 K: A vibrational study. Physical Review B, 1997, 56, 14952-14955.	1.1	17
117	Adsorption and Thermal Decomposition of Formic Acid on the Si(100)(2Ã—1)â^'K Surface. Journal of Physical Chemistry B, 1997, 101, 7007-7011.	1.2	14
118	Adsorption and thermal decomposition of N2O on Si(100): electron energy loss spectroscopy and thermal desorption studies. Surface Science, 1997, 382, 214-220.	0.8	13
119	Low-energy electron diffraction analysis of the Pd(100)-p(2 Ã— 2)-p4g-Al surface: a buried-heteroatom structure. Surface Science, 1997, 392, L51-L55.	0.8	10
120	Adsorbate-adsorbate interaction among NO and CO coadsorbed on Pd(100). Applied Surface Science, 1997, 121-122, 571-574.	3.1	4
121	Interaction of NO with CO on Pd(100): ordered coadsorption structures and explosive reaction. Surface Science, 1996, 350, 79-90.	0.8	47
122	CO adsorption on the Pd(110)c(2 Ã— 4)-O surface â€" formation of a p(2 Ã— 4) structure. Surface Science, 1996, 365, 422-428.	0.8	2
123	Quantum delocalization of H on Pd(110): A vibrational study. Physical Review B, 1996, 53, 13767-13771.	1.1	25
124	Location of an O atom in the Pd(110)c(2Ã—4)-O structure. An EELS study. Chemical Physics Letters, 1995, 232, 531-536.	1.2	32
125	Restraint of NH3 dissociation on oxygen-modified Mo(112). Surface Science, 1995, 324, 17-24.	0.8	15
126	Hydrogen desorption from Si(100)(2 Ã— 1)-H induced by potassium adsorption. Surface Science, 1995, 325, 11-20.	0.8	11

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127	Atomic-hydrogen-induced restructuring of the Si(100)(2 Ã— 1)-K surface. Surface Science, 1995, 337, L783-L788.	0.8	3
128	Explosive production of CO2 from (NO + CO)/Pd(100). Surface Science, 1995, 341, L1096-L1100.	0.8	16
129	Adsorbed states ofNH3andC6H6on the Si(111)(âˆš3 Ã— âˆš3)R30Â°-B surface: Thermal-desorption and electron-energy-loss-spectroscopy studies. Physical Review B, 1994, 50, 17440-17449.	1.1	8
130	Chemical reactivity of the Si(111) () R30Â°-B surface: An electron-energy-loss spectroscopy study. Applied Surface Science, 1994, 82-83, 434-436.	3.1	5
131	Switchover of Reaction Paths in the Catalytic Decomposition of Formic Acid on TiO2(110) Surface. Journal of Catalysis, 1994, 146, 557-567.	3.1	137
132	Interaction of acetylene with the Pd(110)(1 Ã— 2)â€²Cs surface: promotion of ethylene formation. Surface Science, 1994, 306, 179-192.	0.8	8
133	Na2O overlayers epitaxially prepared on Pd(100) and structure-sensitive CO2 adsorption. Surface Science, 1994, 310, 135-146.	0.8	12
134	Coadsorption of CO and C 2 H 4 on Pd(110). Formation of a (3Ã—2) mixed structure. Chemical Physics Letters, 1993, 215, 523-527.	1.2	1
135	Novel reaction path induced by selective blocking of surface atoms: methanol dehydrogenation on Mo(112)-(1 Ã— 2)-O. Surface Science, 1993, 295, 160-168.	0.8	12
136	HREELS study on CO adsorbed on clean, nitrided and oxidized surfaces. Surface Science, 1993, 291, 429-438.	0.8	1
137	Chemisorption of CO and H2 on clean and oxygen-modified Mo(112). Surface Science, 1993, 281, 241-252.	0.8	47
138	An unusual adsorption state of hydrogen on the Pd(100)-p(2 Ã— 2)-p4g-Al bimetallic surface. Surface Science, 1993, 283, 213-216.	0.8	23
139	Control of the Methanol Reaction Pathway by Oxygen Adsorbed on Mo(112). ACS Symposium Series, 1993, , 110-121.	0.5	3
140	Catalytic reactions on a metal oxide single crystal: switchover of the reaction paths in formic acid decomposition on titanium dioxide TiO2(110). Journal of the American Chemical Society, 1993, 115, 10460-10461.	6.6	63
141	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
142	Coadsorption of C2H2 and CO on Ru(001): formation of mixed adlayer and the effect of CO on acetylene adsorption and decomposition. Surface Science, 1992, 278, 291-302.	0.8	15
143	Coadsorption of CO and methylamine on Ru(001): reaction paths of methylamine induced by CO in ordered coadsorbed structures. Surface Science, 1992, 276, 69-85.	0.8	15
144	Interaction Between Donors and Acceptors on Metal Surfaces. Springer Series in Materials Science, 1992, , 237-243.	0.4	0

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145	Coadsorption of CO and methylamine on Ru(001): effect of coadsorbed CO on dissociation paths of methylamine. Surface Science, 1991, 249, L347-L353.	0.8	16
146	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
147	Photoelectron spectroscopic study of clean and CO adsorbed NI/TiO2(110) interfaces. Surface Science, 1990, 233, 261-268.	0.8	70
148	Interaction between CO and NH3 coadsorbed on Ru(001): its effects on the ordering in mixed adlayers and the ammonia dissociation. Surface Science, 1990, 240, 223-244.	0.8	38
149	Coadsorption of NH3 and CO on Ru(001): The ordering in mixed layers and the effect of intermolecular interactions on NH3 dissociation. Surface Science Letters, 1989, 224, L969-L978.	0.1	0
150	Alkali-metal adsorption on metals. Progress in Surface Science, 1989, 31, 61-130.	3.8	175
151	Influence of pre- and postdeposited gold on coadsorbed carbon monoxide on ruthenium(001). Langmuir, 1989, 5, 348-352.	1.6	5
152	Coadsorption of NH3 and CO on Ru(001): The ordering in mixed layers and the effect of intermolecular interactions on NH3 dissociation. Surface Science, 1989, 224, L969-L978.	0.8	27
153	Active structures and electronic states for adsorption of CO2 and NO on an Na/TiO2(110) surface. Journal of the Chemical Society Faraday Transactions I, 1989, 85, 2597.	1.0	45
154	Adsorption of CH3OH, HCOOH and SO2 on TiO2(110) and stepped TiO2(441) surfaces. Surface Science, 1988, 193, 33-46.	0.8	164
155	Modification of surface electronic structure on TiO2(110) and TiO2(441) by Na deposition. Surface Science, 1988, 199, 54-66.	0.8	125
156	Epitaxial growth of Fe overlayers on the Ru(001) surface. Surface Science, 1987, 188, 563-574.	0.8	13
157	Epitaxial growth of an Fe overlayer on a Ru(001) surface and adsorption of CO and NH3 on the Fe commensurate overlayer. Surface Science, 1987, 185, L506-L510.	0.8	15
158	Adsorption of Na atoms and oxygen-containing molecules on MgO(100) and (111) surfaces. Surface Science, 1987, 191, 479-491.	0.8	256
159	Order-disorder transition on Si(001): c(4 Ã— 2) to (2 Ã— 1). Surface Science, 1987, 179, L63-L70.	0.8	275
160	Order-disorder transition on Si(001): c(4Ã—2) to (2Ã—1). Surface Science Letters, 1987, 179, L63-L70.	0.1	12
161	Two-dimensional condensation of K adatoms on Cu(0011). Surface Science, 1986, 175, L725-L729.	0.8	34
162	Two-dimensional condensation of K adatoms on Cu(001). Surface Science Letters, 1986, 175, L725-L729.	0.1	1

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163	Ordered-defect model for Si(001)-(2Ã—8). Physical Review B, 1986, 34, 5654-5657.	1.1	73
164	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
165	Structure and transitions of K monolayers on Cu (001). Surface Science, 1985, 158, 490-496.	0.8	78
166	Photoemission of Cs Valence Electrons from a Cs Monolayer on Si(111) 2Ã—1. Japanese Journal of Applied Physics, 1984, 23, L271-L273.	0.8	18
167	Measurement of Overlayer-Plasmon Dispersion in K Chains Adsorbed on Si(001)2Ã—1. Physical Review Letters, 1984, 53, 372-375.	2.9	185
168	Rotational Epitaxy of Chemisorbed K Monolayers on Cu(001). Physical Review Letters, 1984, 52, 1794-1797.	2.9	80
169	THE ROLE OF SULFITE ANION AS A HOLE SCAVENGER IN THE PHOTOCATALYTIC HYDROGEN FORMATION FROM WATER ON CdS SEMICONDUCTOR UNDER ILLUMINATION OF VISIBLE LIGHT. Chemistry Letters, 1983, 12, 1037-1040.	0.7	13