D Phil Woodruff

List of Publications by Year
in descending order

536	16,902	16451 64	38395 95
papers	citations	h-index	g-index

562	562	562	6207
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Thermodynamic Driving Forces for Substrate Atom Extraction by Adsorption of Strong Electron Acceptor Molecules. Journal of Physical Chemistry C, 2022, 126, 6082-6090.	3.1	7
2	Surface adsorption structure determination using backscattering photoelectron diffraction. Journal of Electron Spectroscopy and Related Phenomena, 2022, 256, 147170.	1.7	0
3	Direct Experimental Evidence for Substrate Adatom Incorporation into a Molecular Overlayer. Journal of Physical Chemistry C, 2022, 126, 7346-7355.	3.1	6
4	New insight on the role of localisation in the electronic structure of the Si(111)(7â€‰Ã—â€‰7) surfaces. Scientific Reports, 2021, 11, 15034.	3.3	1
5	Photoelectron diffraction: Early demonstrations and alternative modes. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 2021, 39, .	2.1	3
6	Probes of Vibrational Structure. , 2021, , 226-241.		0
7	Local Structural Techniques. , 2021, , 143-184.		0
8	Probes of Electronic Structure. , 2021, , 185-225.		0
9	Crystalline Structural Techniques. , 2021, , 102-142.		0
10	Getting the Light to the Sample. , 2021, , 70-101.		0
11	Synchrotron Radiation Sources. , 2021, , 16-69.		0
12	Imaging and Micro/Nano-Analysis. , 2021, , 242-271.		0
13	The structure of 2D charge transfer salts formed by TCNQ/alkali metal coadsorption on Ag(111). Surface Science, 2020, 701, 121687.	1.9	1
14	Alkali Doping Leads to Charge-Transfer Salt Formation in a Two-Dimensional Metalâ€“Organic Framework. ACS Nano, 2020, 14, 7475-7483.	14.6	15
15	Validation of the inverted adsorption structure for free-base tetraphenyl porphyrin on Cu(111). Chemical Communications, 2020, 56, 3681-3684.	4.1	11
16	Growth and evolution of tetracyanoquinodimethane and potassium coadsorption phases on Ag(111). New Journal of Physics, 2020, 22, 063028.	2.9	5
17	X-ray standing wave studies of molecular adsorption: why coherent fractions matter. New Journal of Physics, 2020, 22, 113012.	2.9	15
18	Quantitative determination of molecular adsorption structures: STM and DFT are not enough. Japanese Journal of Applied Physics, 2019, 58, 100501.	1.5	8

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19	The Structure of VOPc on Cu(111): Does Vâ•Ǒ Point Up, or Down, or Both?. Journal of Physical Chemistry C, 2019, 123, 8101-8111.	3.1	13
20	Characterization of growth and structure of TCNQ phases on Ag(111). Physical Review Materials, 2019, 3, .	2.4	4
21	Corrugated graphene exposes the limits of a widely used ab initio van der Waals DFT functional. Physical Review Materials, 2019, 3, .	2.4	2
22	A structural investigation of the interaction of oxalic acid with Cu(110). Surface Science, 2018, 668, 134-143.	1.9	8
23	Photoelectron Diffraction. , 2018, , 372-379.		2
24	Re-evaluating how charge transfer modifies the conformation of adsorbed molecules. Nanoscale, 2018, 10, 14984-14992.	5.6	33
25	Structural determination of bilayer graphene on SiC(0001) using synchrotron radiation photoelectron diffraction. Scientific Reports, 2018, 8, 10190.	3.3	44
26	Direct measurement of Ni incorporation into Fe₃O₄(001). Physical Chemistry Chemical Physics, 2018, 20, 16469-16476.	2.8	20
27	Probing the interplay between geometric and electronic structure in a two-dimensional Kâ€“TCNQ charge transfer network. Faraday Discussions, 2017, 204, 97-110.	3.2	20
28	Supramolecular effects in self-assembled monolayers: general discussion. Faraday Discussions, 2017, 204, 123-158.	3.2	2
29	Supramolecular systems at liquidâ€“solid interfaces: general discussion. Faraday Discussions, 2017, 204, 271-295.	3.2	2
30	Photoelectron Diffraction. , 2016, , .		0
31	Methods of Surface Structure Determination. , 2016, , 98-214.		0
32	Characterising Molecules and Molecular Interactions on Surfaces. , 2016, , 383-467.		1
33	Direct quantitative identification of the â€œsurface trans-effectâ€• Chemical Science, 2016, 7, 5647-5656.	7.4	51
34	Adsorption and reaction at stepped surfaces: a historical viewpoint. Journal of Physics Condensed Matter, 2016, 28, 491001.	1.8	5
35	Bridging the pressure gap: Can we get local quantitative structural information at â€˜near-ambientâ€™ pressures?. Surface Science, 2016, 652, 4-6.	1.9	3
36	A scanning tunnelling microscopy study of C and N adsorption phases on the vicinal Ni(100) surfaces Ni(810) and Ni(911). Surface Science, 2016, 646, 114-125.	1.9	5

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37	X-ray standing wave study of Si clusters on a decagonal Al-Co-Ni quasicrystal surface. Physical Review B, 2015, 91, .	3.2	1
38	Ordered growth of vanadyl phthalocyanine (VOPc) on an iron phthalocyanine (FePc) monolayer. Physical Chemistry Chemical Physics, 2015, 17, 29747-29752.	2.8	8
39	Molecular orbital tomography for adsorbed molecules: is a correct description of the final state really unimportant?. New Journal of Physics, 2015, 17, 013033.	2.9	27
40	How does your crystal grow? A commentary on Burton, Cabrera and Frank (1951) â€˜The growth of crystals and the equilibrium structure of their surfacesâ€™. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2015, 373, 20140230.	3.4	58
41	Adsorbate-induced surface stress, surface strain and surface reconstruction: CH3S on Cu(100) and Cu(111). Surface Science, 2015, 635, 27-36.	1.9	5
42	Quantitative Adsorbate Structure Determination for Quasicrystals Using X-Ray Standing Waves. Physical Review Letters, 2014, 113, 106101.	7.8	6
43	V-doped TiO2(110): Quantitative structure determination using energy scanned photoelectron diffraction. Surface Science, 2014, 630, 64-70.	1.9	5
44	Quantitative adsorbate structure determination under catalytic reaction conditions. Physical Review B, 2013, 87, .	3.2	6
45	Adsorbate-induced surface stress, surface strain and surface reconstruction: S on Cu(100) and Ni(100). Surface Science, 2013, 613, 21-27.	1.9	12
46	The local structure of the azobenzene/aniline reaction intermediate on TiO2(110). Surface Science, 2013, 613, 40-47.	1.9	7
47	Quantitative Structural Studies Of Corundum and Rocksalt Oxide Surfaces. Chemical Reviews, 2013, 113, 3863-3886.	47.7	46
48	Identifying the Azobenzene/Aniline Reaction Intermediate on TiO₂-(110): A DFT Study. Journal of Physical Chemistry C, 2013, 117, 12591-12599.	3.1	7
49	X-RAY STANDING WAVE IN A BACKSCATTERING GEOMETRY. Series on Synchrotron Radiation Techniques and Applications, 2013, , 83-93.	0.2	0
50	X-RAY STANDING WAVE FOR CHEMICAL-STATE SPECIFIC SURFACE STRUCTURE DETERMINATION. Series on Synchrotron Radiation Techniques and Applications, 2013, , 441-455.	0.2	0
51	Surface structure of GaP(110): Ion scattering and density functional theory study. Physical Review B, 2012, 85, .	3.2	4
52	Water does partially dissociate on the perfect TiO<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>2</mml:mn></mml:msub></mml:math>(110) surface: A quantitative structure determination. Physical Review B, 2012, 86, .	3.2	60
53	Deprotonated Glycine on Cu(111): Quantitative Structure Determination by Energy-Scanned Photoelectron Diffraction. Journal of Physical Chemistry C, 2012, 116, 9985-9995.	3.1	18
54	Global search algorithms in surface structure determination using photoelectron diffraction. Surface Science, 2012, 606, 278-284.	1.9	17

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55	Does methanol produce a stable methoxy species on Ru(0001) at low temperatures?. Surface Science, 2012, 606, 1298-1302.	1.9	5
56	Quantitative local structure determination of R,R-tartaric acid on Cu(110): Monotartrate and bitartrate phases. Surface Science, 2012, 606, 1435-1442.	1.9	10
57	The structure of epitaxial V2O3 films and their surfaces: A medium energy ion scattering study. Surface Science, 2012, 606, 1716-1727.	1.9	16
58	The structure of furan reaction products on Pd(111). Physical Chemistry Chemical Physics, 2011, 13, 7975.	2.8	10
59	Medium energy ion scattering investigation of methylthiolate-induced modification of the Au(111) surface. Surface Science, 2011, 605, 138-145.	1.9	9
60	The structure of methoxy species on Cu(110): A combined photoelectron diffraction and density functional theory determination. Surface Science, 2011, 605, 193-205.	1.9	13
61	V2O3(0001)Surface Termination: Phase Equilibrium. Physical Review Letters, 2011, 107, 016105.	7.8	28
62	Surface stress changes in the Ir(001)/H system: Density functional theory study. Physical Review B, 2011, 84, .	3.2	4
63	Face-Dependent Bond Lengths in Molecular Chemisorption: The Formate Species on Cu(111) and Cu(110). Physical Review Letters, 2011, 107, 046102.	7.8	25
64	Local hydroxyl adsorption geometry on TiO<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>2</mml:mn></mml:msub></mml:math>(110). Physical Review B, 2011, 84, .	3.2	9
65	Uracil on Cu(110): A quantitative structure determination by energy-scanned photoelectron diffraction. Journal of Chemical Physics, 2011, 135, 014704.	3.0	16
66	Using photoelectron diffraction to determine complex molecular adsorption structures. Journal of Physics: Conference Series, 2010, 235, 012001.	0.4	0
67	The structure of surfaces: what do we know and what would we like to know?. Journal of Physics Condensed Matter, 2010, 22, 084016.	1.8	7
68	A photoelectron diffraction investigation of vanadyl phthalocyanine on Au(111). Surface Science, 2010, 604, 47-53.	1.9	23
69	The local adsorption structure of methylthiolate and butylthiolate on Au(111): A photoemission core-level shift investigation. Surface Science, 2010, 604, 227-234.	1.9	20
70	Surface relaxation in Cu(410)â€“O: A medium energy ion scattering study. Surface Science, 2010, 604, 788-796.	1.9	5
71	The structure and bonding of furan on Pd(111). Surface Science, 2010, 604, 920-925.	1.9	72
72	Silver sulphide growth on Ag(111): A medium energy ion scattering study. Surface Science, 2010, 604, 1254-1260.	1.9	5

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73	A standard format for reporting atomic positions: Further needs and options. Surface Science, 2010, 604, 1544-1547.	1.9	4
74	Thiolate-induced lateral distortion of the Cu(100) surface. Surface Science, 2010, 604, 1727-1732.	1.9	3
75	Surface structural information from photoelectron diffraction. Journal of Electron Spectroscopy and Related Phenomena, 2010, 178-179, 186-194.	1.7	38
76	Methoxy Species on Cu(110): Understanding the Local Structure of a Key Catalytic Reaction Intermediate. Physical Review Letters, 2010, 105, 086101.	7.8	17
77	Two- and three-dimensional growth of Bi on<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>i</mml:mi></mml:math>-Al-Pd-Mn studied using medium-energy ion scattering. Physical Review B, 2010, 82, .	3.2	4
78	STM Study of Molecule Double-Rows in Mixed Self-Assembled Monolayers of Alkanethiols. Langmuir, 2010, 26, 8174-8179.	3.5	10
79	Structure of Cytosine on Cu(110): a Scanned-Energy Mode Photoelectron Diffraction Study. Journal of Physical Chemistry C, 2010, 114, 15454-15463.	3.1	18
80	Structural investigation of Au(111)/butylthiolate adsorption phases. Physical Chemistry Chemical Physics, 2010, 12, 3229.	2.8	20
81	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mrow><mml:mo>(</mml:mo><mml:mrow><mml:mn>2</mml:mn><mml:mo>â^š</mml:mo><mml:mn of alkylthiolate self-assembled monolayers on Au(111): A symmetry-constrained structural solution. Physical Review B, 2009, 79, .	3.2	22
82	Direct Observation and Theory of Trajectory-Dependent Electronic Energy Losses in Medium-Energy Ion Scattering. Physical Review Letters, 2009, 102, 096103.	7.8	14
83	ChaudhurietÂal.Reply:. Physical Review Letters, 2009, 103, .	7.8	6
84	The chemistry of nitrogen oxides on small size-selected cobalt clusters, Con+. Journal of Chemical Physics, 2009, 130, 064305.	3.0	21
85	The structure of the Au(111)/methylthiolate interface: New insights from near-edge x-ray absorption spectroscopy and x-ray standing waves. Journal of Chemical Physics, 2009, 130, 124708.	3.0	30
86	The local structure of SO2 and SO3 on Ni(111): A scanned-energy mode photoelectron diffraction study. Surface Science, 2009, 603, 2062-2073.	1.9	5
87	The local adsorption site of methylthiolate on Au(111): Bridge or atop?. Surface Science, 2009, 603, 807-813.	1.9	19
88	Adsorption structure of glycine on TiO2(1 1 0): A photoelectron diffraction determination. Surface Science, 2009, 603, 2305-2311.	1.9	34
89	Local Methylthiolate Adsorption Geometry on Au(111) from Photoemission Core-Level Shifts. Physical Review Letters, 2009, 102, 126101.	7.8	57
90	Chemistry of (and on) Transition Metal Clusters: A Fourier Transform Ion Cyclotron Resonance Study of the Reaction of Niobium Cluster Cations with Nitric Oxide. European Journal of Mass Spectrometry, 2009, 15, 83-90.	1.0	12

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91	The adsorption structure of furan on Pd(111). Surface Science, 2008, 602, 2524-2531.	1.9	39
92	A structural study of a C3H3 species coadsorbed with CO on Pd(111). Surface Science, 2008, 602, 2743-2751.	1.9	9
93	Photoelectron diffraction: from phenomenological demonstration to practical tool. Applied Physics A: Materials Science and Processing, 2008, 92, 439-445.	2.3	14
94	Density functional theory calculations of adsorption-induced surface stress changes. Surface Science, 2008, 602, 226-234.	1.9	15
95	Structure determination of PF3 adsorption on Cu(100) using X-ray standing waves. Surface Science, 2008, 602, 650-659.	1.9	6
96	The local adsorption geometry of benzenethiolate on Cu(100). Surface Science, 2008, 602, 2453-2462.	1.9	16
97	Should surface science exploit more quantitative experiments?. Surface Science, 2008, 602, 2963-2966.	1.9	7
98	The interface structure of n-alkylthiolate self-assembled monolayers on coinage metal surfaces. Physical Chemistry Chemical Physics, 2008, 10, 7211.	2.8	122
99	The local structure of OH species on the V2O3(0001) surface: A scanned-energy mode photoelectron diffraction study. Surface Science, 2008, 602, 1267-1279.	1.9	13
100	The local structure of molecular reaction intermediates at surfaces. Chemical Society Reviews, 2008, 37, 2262.	38.1	9
101	Surface Structure. , 2008, , 1-56.		1
102	The local adsorption structure of benzene on Si(001)-(2 Ã— 1): a photoelectron diffraction investigation. Journal of Physics Condensed Matter, 2008, 20, 304206.	1.8	11
103	Structure of the Pentylthiolate Self-Assembled Monolayer on Ag(111). Journal of Physical Chemistry C, 2007, 111, 10040-10048.	3.1	9
104	Photoelectron diffraction investigation of the structure of the cleanTiO2(110)(1Ã—1)surface. Physical Review B, 2007, 75, .	3.2	23
105	The Structure of Atomic Sulfur Phases on Au(111). Journal of Physical Chemistry C, 2007, 111, 10904-10914.	3.1	38
106	Structural Investigation of the Interaction of Molecular Sulfur with Ag(111). Journal of Physical Chemistry C, 2007, 111, 3152-3162.	3.1	16
107	Adsorbate structure determination using photoelectron diffraction: Methods and applications. Surface Science Reports, 2007, 62, 1-38.	7.2	157
108	The structure of the V2O3(0001) surface: A scanned-energy mode photoelectron diffraction study. Surface Science, 2007, 601, 3350-3360.	1.9	16

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109	Quantitative determination of the local structure of thymine on Cu(110) using scanned-energy mode photoelectron diffraction. Surface Science, 2007, 601, 3611-3622.	1.9	38
110	The role of reconstruction in self-assembly of alkylthiolate monolayers on coinage metal surfaces. Applied Surface Science, 2007, 254, 76-81.	6.1	28
111	MEIS investigations of surface structure. Nuclear Instruments & Methods in Physics Research B, 2007, 256, 293-299.	1.4	6
112	Methylthiolate-induced reconstruction of Ag(111): A medium energy ion scattering study. Surface Science, 2007, 601, 50-57.	1.9	13
113	Structural analysis of Pt(111)c(âˆš3Ã—5)rect.â€“CO using photoelectron diffraction. Surface Science, 2007, 601, 1296-1303.	1.9	4
114	Nitric Oxide Decomposition on Small Rhodium Clusters, Rhn+/-. Journal of Physical Chemistry A, 2006, 110, 10992-11000.	2.5	91
115	True Nature of an Archetypal Self-Assembly System: Mobile Au-Thiolate Species on Au(111). Physical Review Letters, 2006, 97, 166102.	7.8	239
116	Structure Investigation of Ag(111)(âˆš7Ã—âˆš7)R19Â°-SCH3by X-ray Standing Waves:Â A Case of Thiol-Induced Substrate Reconstruction. Journal of Physical Chemistry B, 2006, 110, 2164-2170.	2.6	31
117	The adsorption of CCl4 on Ag(111): Carbene and CC bond formation. Surface Science, 2006, 600, 241-248.	1.9	6
118	Density functional theory investigation of CN on Cu(111), Ni(111) and Ni(100). Surface Science, 2006, 600, 340-347.	1.9	13
119	Quantitative determination of the local structure of H2O on TiO2(110) using scanned-energy mode photoelectron diffraction. Surface Science, 2006, 600, 1487-1496.	1.9	34
120	Density functional theory investigation of the structure of SO2 and SO3 on Cu(111) and Ni(111). Surface Science, 2006, 600, 1827-1836.	1.9	35
121	Structural characterisation of ultra-thin VOx films on TiO2(110). Surface Science, 2006, 600, 4813-4824.	1.9	11
122	Inelastic energy loss in100âˆ’keVH+scattering from single atoms: Theory and experiment for K, Rb, and Cs. Physical Review B, 2006, 74, .	3.2	6
123	Adsorbate-induced surface reconstruction and surface-stress changes inCu(100)âˆ•O: Experiment and theory. Physical Review B, 2006, 74, .	3.2	50
124	Medium-energy ion-scattering study of the structure of cleanTiO2(110)â€²(1Ã—1). Physical Review B, 2006, 73, .	3.2	28
125	Can circular dichroism in core-level photoemission provide a spectral fingerprint of adsorbed chiral molecules?. New Journal of Physics, 2005, 7, 109-109.	2.9	8
126	Non-dipole effects in high-energy photoelectron emission; identification and quantification using X-ray standing waves. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2005, 547, 187-195.	1.6	16

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127	The local structure of SO2 and SO3 on Ni(111). Surface Science, 2005, 577, 31-41.	1.9	15
128	Density functional theory analysis of the Ni(110)c(2Ã—2)-CN surface phase. Surface Science, 2005, 580, 145-152.	1.9	3
129	N-induced pseudo-(100) reconstruction of Cu(111): One layer or more?. Surface Science, 2005, 582, 97-109.	1.9	12
130	Local structure determination of a chiral adsorbate: Alanine on Cu(110). Surface Science, 2005, 590, 76-87.	1.9	83
131	The methanethiolate-induced pseudo-(100) reconstruction of Cu(111): A medium energy ion scattering structure study. Surface Science, 2005, 598, 209-217.	1.9	20
132	Self-assembly of an aromatic thiolate on Cu(100): The local adsorption site. Surface Science, 2005, 598, 253-262.	1.9	15
133	Surface Crystallography and Its Relationship to Catalysis.. ChemInform, 2005, 36, no.	0.0	0
134	Energy loss in medium-energy ion scattering: A combined theoretical and experimental study of the model system Y on Si(111). Physical Review B, 2005, 72, .	3.2	11
135	Adsorption Bond Length forH2OonTiO2(110): A Key Parameter for Theoretical Understanding. Physical Review Letters, 2005, 95, 226104.	7.8	110
136	Alloying-induced surface stress change inCu(100)c(2Ã—2)â^'Mn. Physical Review B, 2005, 72, .	3.2	14
137	Surface crystallography and its relationship to catalysis. Crystallography Reviews, 2005, 11, 35-47.	1.5	3
138	Surface structure determination using x-ray standing waves. Reports on Progress in Physics, 2005, 68, 743-798.	20.1	178
139	Reactions of nitric oxide on Rh6+ clusters: abundant chemistry and evidence of structural isomers. Physical Chemistry Chemical Physics, 2005, 7, 975.	2.8	89
140	Scanning Tunneling Microscopy Investigation of the Structure of Methanethiolate on Ag(111). Langmuir, 2005, 21, 7285-7291.	3.5	28
141	Local structure determination ofNH2onSi(111)â^'(7Ã—7). Physical Review B, 2004, 69, .	3.2	14
142	Chemical Stateâ€specific Surface Structure from Photoemissionâ€monitored Xâ€ray Standing Waves. Synchrotron Radiation News, 2004, 17, 11-16.	0.8	0
143	Circular Dichroism in Core Level Photoemission from an Adsorbed Chiral Molecule. Physical Review Letters, 2004, 92, 236103.	7.8	30
144	Surface and subsurface oxide formation on Ni(100) and Ni(111). Surface Science, 2004, 565, 1-13.	1.9	17

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145	LEED structure determination of the Ni()(âˆš3Ã—âˆš3)R30Â°-Sn surface. Surface Science, 2004, 550, 127-132.	1.9	23
146	The structure and bonding of carbonate on Ag(110): a density-functional theory study. Surface Science, 2004, 556, 193-202.	1.9	16
147	Nitrogen-induced nanometre-scale faceting of Cu(410). Surface Science, 2004, 560, 35-44.	1.9	8
148	Adsorption geometry of CN on Cu(111) and Cu(111)/O. Surface Science, 2004, 563, 159-168.	1.9	15
149	Surface alloys, surface rumpling and surface stress. Surface Science, 2004, 572, 309-317.	1.9	34
150	Understanding adsorbate bonding through quantitative surface structure determination. Applied Surface Science, 2004, 237, 13-20.	6.1	2
151	Atop adsorption site of sulphur head groups in gold-thiolate self-assembled monolayers. Chemical Physics Letters, 2004, 389, 87-91.	2.6	175
152	A CO2Surface Molecular Precursor during CO Oxidation over Pt{100}â€. Journal of Physical Chemistry B, 2004, 108, 14270-14275.	2.6	5
153	A Real-Time Vibrational Spectroscopic Investigation of the Low-Temperature Oscillatory Regime of the Reaction of NO with CO on Pt{100}. Journal of Physical Chemistry B, 2004, 108, 1708-1718.	2.6	3
154	Nitrogen-induced nanometre-scale faceting of Cu(410). Surface Science, 2004, 560, 35-35.	1.9	0
155	Structure Determination of Formic Acid Reaction Products on TiO2(110)â€. Journal of Physical Chemistry B, 2004, 108, 14316-14323.	2.6	81
156	The temperature dependence of the interaction of NO+CO on Pt{100}. Surface Science, 2003, 547, 355-373.	1.9	10
157	Can glycine form homochiral structural domains on low-index copper surfaces?. Surface Science, 2003, 522, L9-L14.	1.9	71
158	An infrared vibrational spectroscopic study of the interaction of methanol with oxygen-covered Cu(). Surface Science, 2003, 526, 19-32.	1.9	24
159	Low energy electron diffraction structure determination of the Nic(2Ã—2)â€“CN surface phase. Surface Science, 2003, 526, 33-43.	1.9	13
160	Comment on â€œProperly interpreting scanning tunneling microscopy images: the Cu(100)-c(2Ã—2)N surface revisitedâ€•by T.E. Wofford, S.M. York and F.M. Leibsle [Surf. Sci. 522 (2003) 47]. Surface Science, 2003, 539, 182-185.	1.9	10
161	Characterisation of the interaction of glycine with Cu(100) and Cu(111). Surface Science, 2003, 531, 304-318.	1.9	74
162	The structure of the Ni(100)c(2Ã—2)â€“N2 surface: a chemical-state-specific scanned-energy mode photoelectron diffraction determination. Surface Science, 2003, 538, 59-75.	1.9	8

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163	Local structure of OH adsorbed on the Ge(001)(2Ã—1) surface using scanned-energy mode photoelectron diffraction. Surface Science, 2003, 540, 246-254.	1.9	1
164	Local adsorption sites and bondlength changes in Ni/H/CO and Ni/CO. Surface Science, 2003, 540, 441-456.	1.9	21
165	Some structural issues in surface alloys and alloy surfaces: rumpling, stacking faults and disorder. Applied Surface Science, 2003, 219, 1-10.	6.1	28
166	Aspects of layer-by-layer composition analysis using MEIS. Current Applied Physics, 2003, 3, 89-92.	2.4	5
167	Structural studies at metallic surfaces and interfaces using MEIS. Current Applied Physics, 2003, 3, 19-24.	2.4	8
168	Structural investigation of glycine on Cu(100) and comparison to glycine on Cu(110). Journal of Chemical Physics, 2003, 118, 6059-6071.	3.0	84
169	Is seeing believing?. Current Opinion in Solid State and Materials Science, 2003, 7, 75-81.	11.5	10
170	d-band quantum well states in ultrathin silver films on V(100). Physical Review B, 2003, 68, .	3.2	20
171	Bond Lengths and Bond Strengths in Weak and Strong Chemisorption:N2, CO, andCO/Hon Nickel Surfaces. Physical Review Letters, 2003, 90, 116104.	7.8	25
172	Tensor LEED analysis of theNi(111)(3Ã—3)R30Â°â˜Pbsurface. Physical Review B, 2002, 65, .	3.2	28
173	Quantitative determination of the adsorption site of the OH radicals in theH2O/Si(100)system. Physical Review B, 2002, 66, .	3.2	8
174	X-ray standing waves at surfaces. Journal of Physics Condensed Matter, 2002, 14, 4059-4074.	1.8	15
175	Tensor low energy electron diffraction and medium energy ion scattering determination of the Ni(110)c(2Ã—2)-Sn surface structure. Journal of Physics Condensed Matter, 2002, 14, 665-673.	1.8	16
176	The structure of surface alloy phases on metallic substrates. Chemical Physics of Solid Surfaces, 2002, 10, 277-304.	0.3	9
177	Quantum well structures in thin metal films: simple model physics in reality?. Reports on Progress in Physics, 2002, 65, 99-141.	20.1	215
178	Local adsorption geometry of acetylene onSi(100)(2Ã—1):Multiple sites and the role of substrate temperature. Physical Review B, 2002, 66, .	3.2	29
179	A vibrational spectroscopic investigation of the CO+O2 reaction on Pt{110}. Journal of Chemical Physics, 2002, 117, 885-896.	3.0	13
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181	Chemical-shift X-ray standing wavefield determination of the local structure of methanethiolate phases on Ni(). Surface Science, 2002, 496, 73-86.	1.9	18
182	Surface and sub-surface segregation at the Pt25Rh surface: a medium energy ion scattering study. Surface Science, 2002, 497, 1-12.	1.9	34
183	The local adsorption geometry of CH3 and NH3 on Cu(): a density functional theory study. Surface Science, 2002, 498, 203-211.	1.9	39
184	The local adsorption geometry of CO and NH3 on NiO(100) determined by scanned-energy mode photoelectron diffraction. Surface Science, 2002, 499, 1-14.	1.9	28
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