

D Phil Woodruff

List of Publications by Year in descending order

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536
papers

16,902
citations

16451

64
h-index

38395

95
g-index

562
all docs

562
docs citations

562
times ranked

6207
citing authors

#	ARTICLE	IF	CITATIONS
1	Adsorbate structure determination on surfaces using photoelectron diffraction. Reports on Progress in Physics, 1994, 57, 1029-1080.	20.1	324
2	Leed structure analysis of the Ni{100} (2 Å ⁻²)C (p4g) structure; A case of adsorbate-induced substrate distortion. Surface Science, 1979, 87, 357-374.	1.9	287
3	True Nature of an Archetypal Self-Assembly System: Mobile Au-Thiolate Species on Au(111). Physical Review Letters, 2006, 97, 166102.	7.8	239
4	Quantum well structures in thin metal films: simple model physics in reality?. Reports on Progress in Physics, 2002, 65, 99-141.	20.1	215
5	Dipole coupling and chemical shifts in IRAS of CO adsorbed on Cu(110). Surface Science, 1982, 123, 397-412.	1.9	209
6	An iras study of formic acid and surface formate adsorbed on Cu(110). Surface Science, 1983, 133, 589-604.	1.9	204
7	The structure of the formate species on copper surfaces: new photoelectron diffraction results and sexafs data reassessed. Surface Science, 1988, 201, 228-244.	1.9	178
8	Surface structure determination using x-ray standing waves. Reports on Progress in Physics, 2005, 68, 743-798.	20.1	178
9	Atop adsorption site of sulphur head groups in gold-thiolate self-assembled monolayers. Chemical Physics Letters, 2004, 389, 87-91.	2.6	175
10	Simple x-ray standing-wave technique and its application to the investigation of the Cu(111) ($\hat{\alpha}^3 \hat{\alpha}^3$) Tj ETQq0 0 0 rgBT /Overlock 10	7.8	163
11	Adsorbate structure determination using photoelectron diffraction: Methods and applications. Surface Science Reports, 2007, 62, 1-38.	7.2	157
12	A medium energy ion scattering study of the structure of Sb overlayers on Cu(111). Surface Science, 1999, 426, 358-372.	1.9	154
13	A simple X-ray standing wave technique for surface structure determination - theory and an application. Surface Science, 1988, 195, 237-254.	1.9	152
14	A photoelectron diffraction study of ordered structures in the chemisorption system Pd{111}-CO. Surface Science, 1998, 406, 90-102.	1.9	144
15	Determination of the local structure of glycine adsorbed on Cu(110). Surface Science, 1998, 397, 258-269.	1.9	142
16	Normal incidence X-ray standing wave determination of adsorbate structures. Progress in Surface Science, 1998, 57, 1-60.	8.3	135
17	Structure Determination of the Formate Intermediate on Cu(110) by Use of X-Ray-Absorption Fine-Structure Measurements. Physical Review Letters, 1985, 54, 2250-2252.	7.8	127
18	Diffraction of Photoelectrons Emitted from Core Levels of Te and Na Atoms Adsorbed on Ni(001). Physical Review Letters, 1978, 41, 1130-1133.	7.8	125

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19	The interface structure of n-alkylthiolate self-assembled monolayers on coinage metal surfaces. <i>Physical Chemistry Chemical Physics</i> , 2008, 10, 7211.	2.8	122
20	Inverse photoemission from metal surfaces. <i>Progress in Surface Science</i> , 1986, 21, 295-370.	8.3	110
21	Structural study of alkali/simple metal adsorption: Rb and Na on Al(111). <i>Physical Review Letters</i> , 1992, 68, 3204-3207.	7.8	110
22	Adsorption Bond Length for H ₂ O on TiO ₂ (110): A Key Parameter for Theoretical Understanding. <i>Physical Review Letters</i> , 2005, 95, 226104.	7.8	110
23	Structure determination of Ni(111)c(4 Å ⁻²)-CO and its implications for the interpretation of vibrational spectroscopic data. <i>Surface Science</i> , 1994, 311, 337-348.	1.9	105
24	Determination of the adsorption structure for formate on Cu(110) using SEXAFS and NEXAFS. <i>Surface Science</i> , 1986, 171, 1-12.	1.9	102
25	Missing spots in low energy electron diffraction. <i>Surface Science</i> , 1973, 36, 488-493.	1.9	101
26	Chemical shift photoelectron diffraction from molecular adsorbates. <i>Physical Review Letters</i> , 1992, 69, 3196-3199.	7.8	100
27	Following Local Adsorption Sites through a Surface Chemical Reaction: CH ₃ SH on Cu(111). <i>Physical Review Letters</i> , 2000, 84, 119-122.	7.8	100
28	Angular dependence of auger electron emission from Cu (111) and (100) surfaces. <i>Surface Science</i> , 1975, 51, 249-269.	1.9	99
29	Synchrotron radiation core level photoemission investigation of the initial stages of oxidation of Al(111). <i>Surface Science</i> , 1987, 188, 1-14.	1.9	97
30	Structure determination of ammonia on Cu(110) at a low-symmetry adsorption site. <i>Surface Science</i> , 1997, 387, 152-159.	1.9	95
31	An X-ray absorption and photoelectron diffraction study of the Cu{100} c(2 Å ⁻²) CO structure. <i>Surface Science</i> , 1986, 166, 221-233.	1.9	93
32	The structure of oxygen adsorption phases on Cu(100). <i>Surface Science</i> , 1990, 236, 1-14.	1.9	91
33	Nitric Oxide Decomposition on Small Rhodium Clusters, Rh _n ^{+/-} . <i>Journal of Physical Chemistry A</i> , 2006, 110, 10992-11000.	2.5	91
34	A photoelectron diffraction and nexafs study of the structure of the methoxy species (CH ₃ O ⁻) on Cu{100}. <i>Surface Science</i> , 1988, 203, 333-352.	1.9	90
35	A photoelectron diffraction study of the structure of PF ₃ adsorbed on Ni{in111}. <i>Chemical Physics Letters</i> , 1992, 199, 625-630.	2.6	90
36	Single local site structure for vibrationally distinct adsorption states: NO on Ni(111). <i>Chemical Physics Letters</i> , 1992, 192, 259-264.	2.6	90

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37	Reactions of nitric oxide on Rh ₆ ⁺ clusters: abundant chemistry and evidence of structural isomers. <i>Physical Chemistry Chemical Physics</i> , 2005, 7, 975.	2.8	89
38	The geometric structure of the surface methoxy species on Cu(111). <i>Surface Science</i> , 1994, 304, 74-84.	1.9	88
39	k-resolved inverse photoelectron spectroscopy and its application to Cu(001), Ni(001), and Ni(110). <i>Physical Review B</i> , 1982, 26, 2943-2955.	3.2	85
40	Direct identification of atomic and molecular adsorption sites using photoelectron diffraction. <i>Nature</i> , 1994, 368, 131-132.	27.8	85
41	Structural investigation of glycine on Cu(100) and comparison to glycine on Cu(110). <i>Journal of Chemical Physics</i> , 2003, 118, 6059-6071.	3.0	84
42	X-ray photoelectron diffraction determination of the molecular orientation of CO and methoxy adsorbed on Cu(110). <i>Surface Science</i> , 1986, 173, 176-193.	1.9	83
43	Local structure determination of a chiral adsorbate: Alanine on Cu(110). <i>Surface Science</i> , 2005, 590, 76-87.	1.9	83
44	A spectroscopic study of the chemistry and reactivity of SO ₂ on Pt{111}: reactions with O ₂ , CO and C ₃ H ₆ . <i>Surface Science</i> , 1997, 372, 279-288.	1.9	81
45	Structure Determination of Formic Acid Reaction Products on TiO ₂ (110). <i>Journal of Physical Chemistry B</i> , 2004, 108, 14316-14323.	2.6	81
46	Is the frequency of the internal mode of an adsorbed diatomic molecule a reliable guide to its local adsorption site?. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 1993, 64-65, 75-83.	1.7	80
47	The local adsorption structure of acetylene on Cu(III). <i>Surface Science</i> , 1993, 291, 295-308.	1.9	80
48	Temperature dependent peaks in secondary electron emission spectra. <i>Surface Science</i> , 1973, 40, 669-682.	1.9	79
49	Neutralisation effects in low energy ion scattering. <i>Nuclear Instruments & Methods in Physics Research</i> , 1982, 194, 639-647.	0.9	77
50	The structure of oxygen on Cu(100) at low and high coverages. <i>Surface Science</i> , 2001, 470, 311-324.	1.9	75
51	Empty surface states, image states, and band edge on Au(111). <i>Physical Review B</i> , 1986, 34, 764-767.	3.2	74
52	A photoelectron diffraction study of the Ni(100)(2 Å ⁻²)-C(p4g) and Ni(100)(2 Å ⁻²)-N(p4g) structures. <i>Surface Science</i> , 1991, 253, 107-115.	1.9	74
53	Structural determination of a molecular adsorbate by photoelectron diffraction: Ammonia on Ni{111}. <i>Physical Review B</i> , 1992, 46, 4836-4843.	3.2	74
54	Characterisation of the interaction of glycine with Cu(100) and Cu(111). <i>Surface Science</i> , 2003, 531, 304-318.	1.9	74

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55	Elastic and neutralisation effects in structural studies of oxygen and carbon adsorption on Ni {100} surfaces studied by low energy ion scattering. <i>Surface Science</i> , 1981, 105, 438-458.	1.9	73
56	The structure and bonding of furan on Pd(111). <i>Surface Science</i> , 2010, 604, 920-925.	1.9	72
57	The structure of mercaptide on Cu(111): a case of molecular adsorbate-induced substrate reconstruction. <i>Surface Science</i> , 1989, 215, 566-576.	1.9	71
58	Can glycine form homochiral structural domains on low-index copper surfaces?. <i>Surface Science</i> , 2003, 522, L9-L14.	1.9	71
59	Leed structural study of the adsorption of oxygen on Cu {100} surfaces. <i>Surface Science</i> , 1980, 95, 555-570.	1.9	70
60	Investigation of the Cu(111) ($\sqrt{3} \times \sqrt{3}$)R30°-Cl structure using sexafs and photoelectron diffraction. <i>Surface Science</i> , 1987, 182, 213-230.	1.9	69
61	Adsorbate-induced reconstruction of surfaces: An atomistic alternative to microscopic faceting?. <i>Journal of Physics Condensed Matter</i> , 1994, 6, 6067-6094.	1.8	69
62	Unoccupied surface resonance on Cu(100) and the effect of vacuum-level pinning. <i>Physical Review B</i> , 1985, 31, 4046-4048.	3.2	68
63	Scanning tunnelling microscopy study of the interaction of dimethyl disulphide with Cu(111). <i>Surface Science</i> , 2000, 457, 11-23.	1.9	68
64	Non-dipole effects in photoelectron-monitored X-ray standing wave experiments: characterisation and calibration. <i>Surface Science</i> , 2001, 494, 166-182.	1.9	68
65	Coverage-dependent changes in the adsorption geometry of benzene on Ni{111}. <i>Surface Science</i> , 1996, 348, 89-99.	1.9	66
66	Anisotropy in grain boundary segregation in copper-bismuth alloys. <i>Philosophical Magazine and Journal</i> , 1976, 34, 169-176.	1.7	65
67	Molecular Adsorption Bond Lengths at Metal Oxide Surfaces: Failure of Current Theoretical Methods. <i>Physical Review Letters</i> , 2001, 87, 086101.	7.8	65
68	Direct photoelectron-diffraction method for adsorbate structural determinations. <i>Physical Review B</i> , 1992, 46, 16128-16134.	3.2	63
69	The structure of formate on Cu(100) and Cu(110) surfaces. <i>Surface Science</i> , 1987, 184, 121-136.	1.9	62
70	A photoelectron diffraction study of the structure of the Cu{110}(2 Å ⁻¹)-CO system. <i>Surface Science</i> , 1995, 337, 169-176.	1.9	62
71	Adsorption Structures of 1-Octanethiol on Cu(111) Studied by Scanning Tunneling Microscopy. <i>Langmuir</i> , 2000, 16, 6693-6700.	3.5	62
72	A LEED study of oxygen adsorption on copper (100) and (111) surfaces. <i>Surface Science</i> , 1974, 46, 505-536.	1.9	61

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73	Water does partially dissociate on the perfect TiO ₂ (110) surface: A quantitative structure determination. <i>Physical Review B</i> , 2012, 86, .	3.2	60
74	Electronic structure of the (2 $\sqrt{3}$ ×2 $\sqrt{3}$)C ₁₄ g carbidic phase on Ni{100}. <i>Physical Review B</i> , 1986, 34, 2199-2206.	3.2	59
75	An angle-resolved photoemission study of the reaction of CH ₃ SH and (CH ₃) ₂ S with Cu(111) and Ni(100). <i>Surface Science</i> , 1987, 187, 133-143.	1.9	59
76	Constant momentum transfer averaging in LEED; analysis of a structure of oxygen on Cu (100). <i>Surface Science</i> , 1974, 45, 1-19.	1.9	58
77	How does your crystal grow? A commentary on Burton, Cabrera and Frank (1951) "The growth of crystals and the equilibrium structure of their surfaces". <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2015, 373, 20140230.	3.4	58
78	Local Methylthiolate Adsorption Geometry on Au(111) from Photoemission Core-Level Shifts. <i>Physical Review Letters</i> , 2009, 102, 126101.	7.8	57
79	k-Resolved Inverse Photoemission from Cu(001) and Ni(001). <i>Physical Review Letters</i> , 1982, 48, 283-285.	7.8	56
80	A SEXAFS and X-ray standing wave study of the surface: Adsorbate-substrate and adsorbate-adsorbate registry. <i>Surface Science</i> , 1990, 230, 13-26.	1.9	56
81	X-ray Studies of Self-Assembled Monolayers on Coinage Metals. 2. Surface Adsorption Structures in 1-Octanethiol on Cu(111) and Ag(111) and Their Determination by the Normal Incidence X-ray Standing Wave Technique. <i>Langmuir</i> , 1999, 15, 8856-8866.	3.5	56
82	Experimental demonstrations of direct adsorbate site identification using photoelectron diffraction. <i>Physical Review Letters</i> , 1993, 71, 2054-2057.	7.8	55
83	Surface adsorption structures in 1-octanethiol self-assembled on Cu(111). <i>Surface Science</i> , 1997, 392, 143-152.	1.9	55
84	Photon- and electron-stimulated desorption from a metal surface. <i>Physical Review B</i> , 1980, 21, 5642-5645.	3.2	54
85	Surface structure determination using X-ray standing waves: a simple view. <i>Journal of Physics Condensed Matter</i> , 1994, 6, 10633-10645.	1.8	54
86	Local adsorption geometry of acetylene on Si(100)(2 $\sqrt{3}$ ×1). <i>Physical Review B</i> , 2000, 61, 16697-16703.	3.2	54
87	Photoelectron diffraction study of i chemisorbed on Ag(111). <i>Surface Science</i> , 1981, 102, 527-541.	1.9	53
88	Sampling depths in total yield and reflectivity SEXAFS studies in the soft X-ray region. <i>Surface Science</i> , 1982, 114, 38-46.	1.9	53
89	Medium-energy ion scattering structural study of the Ni(111)(3 $\sqrt{3}$ ×3)R30° $\sqrt{3}$ surface phase. <i>Physical Review B</i> , 2000, 61, 7706-7715.	3.2	53
90	Infrared-Active Combination Band in a Surface Formate Species. <i>Physical Review Letters</i> , 1983, 51, 475-478.	7.8	52

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91	Valence band photoemission study of the coadsorption of CO and K on Cu{100};. Surface Science, 1984, 138, 31-39.	1.9	52
92	Structure Determination of an Alkali Metalâ€“CO Coadsorption Phase: Ni(111)-K/CO. Physical Review Letters, 1995, 74, 1621-1624.	7.8	52
93	Local Structure ofNH ₂ onSi(100)âˆ“(2Å–1)and its Effect on the Asymmetry of the Si Surface Dimers. Physical Review Letters, 1997, 79, 673-676.	7.8	52
94	Non-dipole photoemission effects in x-ray standing wavefield determination of surface structure. Journal of Physics Condensed Matter, 1998, 10, L623-L629.	1.8	52
95	Electronic structure of silver and copper ultrathin films on V(100): Quantum-well states. Physical Review B, 1996, 54, 11786-11795.	3.2	51
96	Direct quantitative identification of the â€œsurface trans-effectâ€•. Chemical Science, 2016, 7, 5647-5656.	7.4	51
97	Structure determination of the and surface alloy phases by medium-energy ion scattering. Journal of Physics Condensed Matter, 1999, 11, 1889-1901.	1.8	50
98	Adsorbate-induced surface reconstruction and surface-stress changes inCu(100)âˆ“O: Experiment and theory. Physical Review B, 2006, 74, .	3.2	50
99	The surface structure of Si(100) surfaces using averaged LEED. Surface Science, 1977, 64, 131-140.	1.9	49
100	The local geometry of reactant and product in a surface reaction: the dehydrogenation of adsorbed ethylene on Ni(111). Surface Science, 1995, 323, 19-29.	1.9	49
101	A structural study of the interaction of SO ₂ with Cu(111). Surface Science, 2000, 459, 231-244.	1.9	49
102	Inverse photoemission. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 1983, 1, 1104-1110.	2.1	48
103	Adsorption site determination for oxygen on Al(111) using normal incidence standing X-ray wavefield absorption. Surface Science, 1992, 271, 45-56.	1.9	48
104	Surface structure from angular dependence of auger electron emission. Surface Science, 1975, 53, 538-545.	1.9	47
105	Three independent LEED studies of clean Si (100) surfaces. Journal of Physics C: Solid State Physics, 1977, 10, 1109-1119.	1.5	47
106	The surface structure of Si(100) surfaces using averaged leed. Surface Science, 1977, 63, 254-262.	1.9	47
107	Anisotropy of initial oxidation kinetics of nickel single crystal surfaces. Surface Science, 1982, 114, 431-444.	1.9	47
108	Determination of the orientation of methoxy on Cu(111) using X-ray photoelectron diffraction. Surface Science, 1992, 273, 381-384.	1.9	47

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109	The structure of sodium adsorption phases on Al(111). Surface Science, 1992, 278, 246-262.	1.9	47
110	Photoelectron and Auger electron diffraction. Surface Science, 1994, 299-300, 183-198.	1.9	47
111	Scanning tunnelling microscopy investigation of the oxygen-induced faceting and "nano-faceting" of a vicinal copper surface. Surface Science, 1997, 376, 374-388.	1.9	47
112	Angular dependence of Auger electron emission from a single crystal specimen. Vacuum, 1972, 22, 477-480.	3.5	46
113	Crystallographic incident beam effects in quantitative Auger electron spectroscopy. Surface Science, 1980, 100, L483-L490.	1.9	46
114	Quantitative Structural Studies Of Corundum and Rocksalt Oxide Surfaces. Chemical Reviews, 2013, 113, 3863-3886.	47.7	46
115	A low energy ion scattering study of the adsorption of oxygen on Cu{100} surfaces. Surface Science, 1981, 105, 459-468.	1.9	45
116	Characterization of thiolate species formation on Cu(111) using soft x-ray photoelectron spectroscopy. Journal of Physics Condensed Matter, 1998, 10, 8661-8670.	1.8	45
117	A photoelectron diffraction study of Cu{110}-(2 \times 1)-O. Surface Science, 1990, 227, 237-245.	1.9	44
118	Structural determination of bilayer graphene on SiC(0001) using synchrotron radiation photoelectron diffraction. Scientific Reports, 2018, 8, 10190.	3.3	44
119	Adsorbate structures from photoelectron diffraction: Holographic reconstruction or real-space triangulation?. Physical Review Letters, 1992, 68, 1543-1546.	7.8	43
120	Structural determination of the (111)-($\sqrt{3}\times\sqrt{3}$)-30 \AA° surface using the normal incidence X-ray standing wave method. Surface Science, 1995, 324, 122-132.	1.9	43
121	The kinetics of surface and grain boundary segregation in binary and ternary systems. Philosophical Magazine A: Physics of Condensed Matter, Structure, Defects and Mechanical Properties, 1979, 40, 459-476.	0.6	42
122	Nitrogen adsorption structures on Cu(100) and the role of a symmetry-lowering surface reconstruction in the c(2 \times 2)-N phase. Surface Science, 2001, 492, 11-26.	1.9	42
123	A LEED study of the Si{100}(1 \times 1)H surface structure. Surface Science, 1978, 74, 34-46.	1.9	41
124	Time-of-flight measurements with a CMA for simultaneous energy and mass determinations of desorbed ions. Journal of Vacuum Science and Technology, 1980, 17, 1202-1207.	1.9	40
125	Structure determination for coadsorbed molecular fragments using chemical shift photoelectron diffraction. Physical Review Letters, 1993, 71, 581-584.	7.8	40
126	Following the changes in local geometry associated with a surface reaction: the dehydrogenation of adsorbed ethylene. Journal of Physics Condensed Matter, 1994, 6, L93-L98.	1.8	40

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127	Adsorption site and orientation of pyridine on Cu{110} determined by photoelectron diffraction. <i>Journal of Chemical Physics</i> , 1999, 110, 9666-9672.	3.0	40
128	Photoabsorption shape resonance in the adsorption system CO/K/Cu(100): A dilemma. <i>Physical Review B</i> , 1986, 34, 1340-1342.	3.2	39
129	The local adsorption geometry of CH ₃ and NH ₃ on Cu(): a density functional theory study. <i>Surface Science</i> , 2002, 498, 203-211.	1.9	39
130	The adsorption structure of furan on Pd(111). <i>Surface Science</i> , 2008, 602, 2524-2531.	1.9	39
131	Photoelectron diffraction effects in core-level photoemission from Na and Te atoms adsorbed on Ni(001). <i>Physical Review B</i> , 1980, 21, 3119-3130.	3.2	38
132	Photoelectron diffraction study of the local adsorption site in the Cu(110)(2 Å ⁻³)-N structure. <i>Surface Science</i> , 1990, 237, 99-107.	1.9	38
133	Atomic Quadrupolar Photoemission Asymmetry Parameters from a Solid State Measurement. <i>Physical Review Letters</i> , 2000, 84, 2346-2349.	7.8	38
134	The Structure of Atomic Sulfur Phases on Au(111). <i>Journal of Physical Chemistry C</i> , 2007, 111, 10904-10914.	3.1	38
135	Quantitative determination of the local structure of thymine on Cu(110) using scanned-energy mode photoelectron diffraction. <i>Surface Science</i> , 2007, 601, 3611-3622.	1.9	38
136	Surface structural information from photoelectron diffraction. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2010, 178-179, 186-194.	1.7	38
137	Oscillatory electron-phonon coupling in ultra-thin silver films on V(100). <i>Journal of Physics Condensed Matter</i> , 2000, 12, L477-L482.	1.8	37
138	Fine structure in ionisation cross sections and applications to surface science. <i>Reports on Progress in Physics</i> , 1986, 49, 683-723.	20.1	36
139	Determination of the local adsorption structure of acetylene on Ni(111). <i>Surface Science</i> , 1994, 307-309, 722-727.	1.9	36
140	Time reversal symmetry in low energy electron diffraction. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 1970, 31, 207-208.	2.1	35
141	The electronic structure of graphitic overlayers on Ni{100}. <i>Surface Science</i> , 1986, 171, L447-L453.	1.9	35
142	Analysis of photoelectron diffraction spectra using single scattering simulations. <i>Surface Science</i> , 1986, 166, 377-390.	1.9	35
143	Nexafs determination of CO orientation on a stepped platinum surface. <i>Surface Science</i> , 1987, 183, 576-590.	1.9	35
144	Low energy ion scattering study of the Cu(110)(2 Å ⁻³)-N structure. <i>Surface Science</i> , 1990, 237, 108-115.	1.9	35

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145	Structure determination of Ag(111)(3 \times 3)R30 \hat{a} ° \hat{a} °Sb by low-energy electron diffraction. <i>Physical Review B</i> , 2000, 61, 13983-13987.	3.2	35
146	Solved and unsolved problems in surface structure determination. <i>Surface Science</i> , 2002, 500, 147-171.	1.9	35
147	Density functional theory investigation of the structure of SO ₂ and SO ₃ on Cu(111) and Ni(111). <i>Surface Science</i> , 2006, 600, 1827-1836.	1.9	35
148	The temperature dependence of the magnitudes and positions of the peaks in LEED intensity \hat{a} °energy plots. <i>Physica Status Solidi A</i> , 1970, 1, 429-437.	1.7	34
149	Photoemission intensity oscillations from quantum-well states in the Ag/V(100) overlayer system. <i>Physical Review B</i> , 1999, 59, 5170-5177.	3.2	34
150	The dimers stay intact: a quantitative photoelectron study of the adsorption system Si{100} (2 \times 1)-C ₂ H ₄ . <i>New Journal of Physics</i> , 1999, 1, 20-20.	2.9	34
151	Temperature dependence of photoemission from quantum-well states in Ag/V(100): \hat{a} °f Moving surface-vacuum barrier effects. <i>Physical Review B</i> , 2001, 64, .	3.2	34
152	Surface and sub-surface segregation at the Pt ₂₅ Rh surface: a medium energy ion scattering study. <i>Surface Science</i> , 2002, 497, 1-12.	1.9	34
153	Surface alloys, surface rumpling and surface stress. <i>Surface Science</i> , 2004, 572, 309-317.	1.9	34
154	Quantitative determination of the local structure of H ₂ O on TiO ₂ (110) using scanned-energy mode photoelectron diffraction. <i>Surface Science</i> , 2006, 600, 1487-1496.	1.9	34
155	Adsorption structure of glycine on TiO ₂ (1 1 0): A photoelectron diffraction determination. <i>Surface Science</i> , 2009, 603, 2305-2311.	1.9	34
156	Angular dependence of auger electron emission from solid surfaces. <i>Solid State Communications</i> , 1972, 11, 991-993.	1.9	33
157	The adsorption of I ₂ on Ni{100} studied by AES, LEED and thermal desorption. <i>Vacuum</i> , 1981, 31, 411-415.	3.5	33
158	Nitrogen-induced pseudo-(100) reconstruction of the Cu(111) surface identified by STM. <i>Surface Science</i> , 1999, 442, 1-8.	1.9	33
159	The coverage dependence of the local structure of C on Ni(100): a structural precursor to adsorbate-induced reconstruction. <i>Surface Science</i> , 2000, 446, 301-313.	1.9	33
160	Re-evaluating how charge transfer modifies the conformation of adsorbed molecules. <i>Nanoscale</i> , 2018, 10, 14984-14992.	5.6	33
161	The formation of a surface iodide on Ni{100} and adsorption of I ₂ at low temperatures. <i>Surface Science</i> , 1983, 127, 424-440.	1.9	32
162	Ethene adsorbed on Cu(110): a combined photoemission and photoelectron diffraction study. <i>Surface Science</i> , 1995, 343, 201-210.	1.9	32

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163	The local adsorption geometry of benzene on Ni(110) at low coverage. <i>Surface Science</i> , 2000, 448, 23-32.	1.9	32
164	Angle-resolved polarised light photoemission study of the formation and structure of acetate on Cu(110). <i>Surface Science</i> , 1988, 203, 89-100.	1.9	31
165	The effect of anisotropic molecular vibrations in photoelectron diffraction of adsorbed species. <i>Surface Science</i> , 1992, 269-270, 35-40.	1.9	31
166	Structural investigation of ordered Sb adsorption phases on Ag(111) using coaxial impact collision ion scattering spectroscopy. <i>Surface Science</i> , 1997, 372, 117-131.	1.9	31
167	Structure Investigation of Ag(111) ($\sqrt{7} \times \sqrt{7}$) $R19^\circ$ -SCH ₃ by X-ray Standing Waves: A Case of Thiol-Induced Substrate Reconstruction. <i>Journal of Physical Chemistry B</i> , 2006, 110, 2164-2170.	2.6	31
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