

D Phil Woodruff

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529
papers

15,672
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63
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562
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ext. citations

3.4
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L-index

#	Paper	IF	Citations
529	Adsorbate structure determination on surfaces using photoelectron diffraction. <i>Reports on Progress in Physics</i> , 1994 , 57, 1029-1080	14.4	302
528	Leed structure analysis of the Ni{100} (2 × 2)C (p4g) structure; A case of adsorbate-induced substrate distortion. <i>Surface Science</i> , 1979 , 87, 357-374	1.8	263
527	True nature of an archetypal self-assembly system: mobile Au-thiolate species on Au(111). <i>Physical Review Letters</i> , 2006 , 97, 166102	7.4	233
526	Modern Techniques of Surface Science 1994 ,		232
525	Quantum well structures in thin metal films: simple model physics in reality?. <i>Reports on Progress in Physics</i> , 2002 , 65, 99-141	14.4	204
524	An iras study of formic acid and surface formate adsorbed on Cu(110). <i>Surface Science</i> , 1983 , 133, 589-604	1.8	187
523	Dipole coupling and chemical shifts in IRAS of CO adsorbed on Cu(110). <i>Surface Science</i> , 1982 , 123, 397-418	1.8	187
522	The structure of the formate species on copper surfaces: new photoelectron diffraction results and sexafs data reassessed. <i>Surface Science</i> , 1988 , 201, 228-244	1.8	168
521	Atop adsorption site of sulphur head groups in gold-thiolate self-assembled monolayers. <i>Chemical Physics Letters</i> , 2004 , 389, 87-91	2.5	166
520	Surface structure determination using x-ray standing waves. <i>Reports on Progress in Physics</i> , 2005 , 68, 743-798	14.4	149
519	A medium energy ion scattering study of the structure of Sb overlayers on Cu(111). <i>Surface Science</i> , 1999 , 426, 358-372	1.8	144
518	Adsorbate structure determination using photoelectron diffraction: Methods and applications. <i>Surface Science Reports</i> , 2007 , 62, 1-38	12.9	141
517	Determination of the local structure of glycine adsorbed on Cu(110). <i>Surface Science</i> , 1998 , 397, 258-269	1.8	134
516	Normal incidence X-ray standing wave determination of adsorbate structures. <i>Progress in Surface Science</i> , 1998 , 57, 1-60	6.6	131
515	A photoelectron diffraction study of ordered structures in the chemisorption system Pd{111}-CO. <i>Surface Science</i> , 1998 , 406, 90-102	1.8	128
514	Simple x-ray standing-wave technique and its application to the investigation of the Cu(111) ($\sqrt{3} \times \sqrt{3}$)R30 degrees -Cl structure. <i>Physical Review Letters</i> , 1987 , 58, 1460-1462	7.4	124
513	A simple X-ray standing wave technique for surface structure determination - theory and an application. <i>Surface Science</i> , 1988 , 195, 237-254	1.8	118

512	Diffraction of Photoelectrons Emitted from Core Levels of Te and Na Atoms Adsorbed on Ni(001). <i>Physical Review Letters</i> , 1978 , 41, 1130-1133	7.4	118
511	The interface structure of n-alkylthiolate self-assembled monolayers on coinage metal surfaces. <i>Physical Chemistry Chemical Physics</i> , 2008 , 10, 7211-21	3.6	115
510	Structure determination of the formate intermediate on Cu(110) by use of x-ray-absorption fine-structure measurements. <i>Physical Review Letters</i> , 1985 , 54, 2250-2252	7.4	115
509	Structural study of alkali/simple metal adsorption: Rb and Na on Al(111). <i>Physical Review Letters</i> , 1992 , 68, 3204-3207	7.4	106
508	Inverse photoemission from metal surfaces. <i>Progress in Surface Science</i> , 1986 , 21, 295-370	6.6	104
507	Structure determination of Ni(111)c(4 \times 4)-CO and its implications for the interpretation of vibrational spectroscopic data. <i>Surface Science</i> , 1994 , 311, 337-348	1.8	102
506	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	7.4	99
505	Following local adsorption sites through a surface chemical reaction: CH ₃ SH on Cu(111). <i>Physical Review Letters</i> , 2000 , 84, 119-22	7.4	98
504	Missing spots in low energy electron diffraction. <i>Surface Science</i> , 1973 , 36, 488-493	1.8	98
503	Determination of the adsorption structure for formate on Cu(110) using SEXAFS and NEXAFS. <i>Surface Science</i> , 1986 , 171, 1-12	1.8	97
502	Chemical shift photoelectron diffraction from molecular adsorbates. <i>Physical Review Letters</i> , 1992 , 69, 3196-3199	7.4	96
501	Synchrotron radiation core level photoemission investigation of the initial stages of oxidation of Al(111). <i>Surface Science</i> , 1987 , 188, 1-14	1.8	95
500	Angular dependence of auger electron emission from Cu (111) and (100) surfaces. <i>Surface Science</i> , 1975 , 51, 249-269	1.8	94
499	An X-ray absorption and photoelectron diffraction study of the Cu{100} c(2 \times 2) CO structure. <i>Surface Science</i> , 1986 , 166, 221-233	1.8	90
498	Structure determination of ammonia on Cu(110) \square low-symmetry adsorption site. <i>Surface Science</i> , 1997 , 387, 152-159	1.8	88
497	A photoelectron diffraction study of the structure of PF ₃ adsorbed on Ni{111}. <i>Chemical Physics Letters</i> , 1992 , 199, 625-630	2.5	87
496	A photoelectron diffraction and nexafs study of the structure of the methoxy species (CH ₃ O) \square on Cu{100}. <i>Surface Science</i> , 1988 , 203, 333-352	1.8	87
495	The structure of oxygen adsorption phases on Cu(100). <i>Surface Science</i> , 1990 , 236, 1-14	1.8	86

494	The geometric structure of the surface methoxy species on Cu(111). <i>Surface Science</i> , 1994 , 304, 74-84	1.8	84
493	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	3.3	84
492	Reactions of nitric oxide on Rh ₆ ⁺ clusters: abundant chemistry and evidence of structural isomers. <i>Physical Chemistry Chemical Physics</i> , 2005 , 7, 975-80	3.6	83
491	Nitric oxide decomposition on small rhodium clusters, Rh(n) ^{+/-} . <i>Journal of Physical Chemistry A</i> , 2006 , 110, 10992-1000	2.8	83
490	Structural investigation of glycine on Cu(100) and comparison to glycine on Cu(110). <i>Journal of Chemical Physics</i> , 2003 , 118, 6059-6071	3.9	82
489	Local structure determination of a chiral adsorbate: Alanine on Cu(1 1 0). <i>Surface Science</i> , 2005 , 590, 76-87	1.8	81
488	Direct identification of atomic and molecular adsorption sites using photoelectron diffraction. <i>Nature</i> , 1994 , 368, 131-132	50.4	81
487	Single local site structure for vibrationally distinct adsorption states: NO on Ni(111). <i>Chemical Physics Letters</i> , 1992 , 192, 259-264	2.5	81
486	Structure Determination of Formic Acid Reaction Products on TiO ₂ (110) <i>Journal of Physical Chemistry B</i> , 2004 , 108, 14316-14323	3.4	80
485	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	77
484	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	1.8	76
483	Temperature dependent peaks in secondary electron emission spectra. <i>Surface Science</i> , 1973 , 40, 669-682	76	
482	Neutralisation effects in low energy ion scattering. <i>Nuclear Instruments & Methods in Physics Research</i> , 1982 , 194, 639-647		75
481	Empty surface states, image states, and band edge on Au(111). <i>Physical Review B</i> , 1986 , 34, 764-767	3.3	74
480	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	1.8	72
479	The local adsorption structure of acetylene on Cu(111). <i>Surface Science</i> , 1993 , 291, 295-308	1.8	72
478	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	1.8	72
477	Characterisation of the interaction of glycine with Cu(1 0 0) and Cu(1 1 1). <i>Surface Science</i> , 2003 , 531, 304-318	1.8	69

- 476 Structural determination of a molecular adsorbate by photoelectron diffraction: Ammonia on Ni{111}. *Physical Review B*, **1992**, 46, 4836-4843 3.3 69
- 475 The structure of mercaptide on Cu(111): a case of molecular adsorbate-induced substrate reconstruction. *Surface Science*, **1989**, 215, 566-576 1.8 68
- 474 The structure of oxygen on Cu(1 0 0) at low and high coverages. *Surface Science*, **2001**, 470, 311-324 1.8 67
- 473 A photoelectron diffraction study of the Ni(100)(2 × 2)-C(p4g) and Ni(100)(2 × 2)-N(p4g) structures. *Surface Science*, **1991**, 253, 107-115 1.8 67
- 472 Leed structural study of the adsorption of oxygen on Cu {100} surfaces. *Surface Science*, **1980**, 95, 555-570 67
- 471 Can glycine form homochiral structural domains on low-index copper surfaces?. *Surface Science*, **2003**, 522, L9-L14 1.8 66
- 470 Adsorbate-induced reconstruction of surfaces: An atomistic alternative to microscopic faceting?. *Journal of Physics Condensed Matter*, **1994**, 6, 6067-6094 1.8 66
- 469 Unoccupied surface resonance on Cu(100) and the effect of vacuum-level pinning. *Physical Review B*, **1985**, 31, 4046-4048 3.3 66
- 468 Scanning tunnelling microscopy study of the interaction of dimethyl disulphide with Cu(111). *Surface Science*, **2000**, 457, 11-23 1.8 65
- 467 Anisotropy in grain boundary segregation in copper-bismuth alloys. *Philosophical Magazine and Journal*, **1976**, 34, 169-176 63
- 466 The structure and bonding of furan on Pd(111). *Surface Science*, **2010**, 604, 920-925 1.8 62
- 465 Non-dipole effects in photoelectron-monitored X-ray standing wave experiments: characterisation and calibration. *Surface Science*, **2001**, 494, 166-182 1.8 61
- 464 Direct photoelectron-diffraction method for adsorbate structural determinations. *Physical Review B*, **1992**, 46, 16128-16134 3.3 60
- 463 Investigation of the Cu(111) (√3 × √3)R30°-Cl structure using sexafs and photoelectron diffraction. *Surface Science*, **1987**, 182, 213-230 1.8 60
- 462 A LEED study of oxygen adsorption on copper (100) and (111) surfaces. *Surface Science*, **1974**, 46, 505-536 60
- 461 Coverage-dependent changes in the adsorption geometry of benzene on Ni{111}. *Surface Science*, **1996**, 348, 89-99 1.8 59
- 460 Adsorption Structures of 1-Octanethiol on Cu(111) Studied by Scanning Tunneling Microscopy. *Langmuir*, **2000**, 16, 6693-6700 4 58
- 459 Molecular adsorption bond lengths at metal oxide surfaces: failure of current theoretical methods. *Physical Review Letters*, **2001**, 87, 086101 7.4 58

458	Electronic structure of the (2 x 2)C rho 4g carbidic phase on Ni{100}. <i>Physical Review B</i> , 1986 , 34, 2199-2206		58
457	The structure of formate on Cu(100) and Cu(110) surfaces. <i>Surface Science</i> , 1987 , 184, 121-136	1.8	58
456	Local methylthiolate adsorption geometry on Au(111) from photoemission core-level shifts. <i>Physical Review Letters</i> , 2009 , 102, 126101	7.4	57
455	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	1.8	57
454	A photoelectron diffraction study of the structure of the Cu{110}(2 x 1)-CO system. <i>Surface Science</i> , 1995 , 337, 169-176	1.8	56
453	Constant momentum transfer averaging in LEED; analysis of a structure of oxygen on Cu (100). <i>Surface Science</i> , 1974 , 45, 1-19	1.8	56
452	Surface adsorption structures in 1-octanethiol self-assembled on Cu(111). <i>Surface Science</i> , 1997 , 392, 143-152	1.8	55
451	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	4	55
450	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	1.8	54
449	Water does partially dissociate on the perfect TiO ₂ (110) surface: A quantitative structure determination. <i>Physical Review B</i> , 2012 , 86,	3.3	53
448	Surface structure determination using X-ray standing waves: a simple view. <i>Journal of Physics Condensed Matter</i> , 1994 , 6, 10633-10645	1.8	53
447	Experimental demonstrations of direct adsorbate site identification using photoelectron diffraction. <i>Physical Review Letters</i> , 1993 , 71, 2054-2057	7.4	52
446	k-Resolved Inverse Photoemission from Cu(001) and Ni(001). <i>Physical Review Letters</i> , 1982 , 48, 283-285	7.4	52
445	Local Structure of NH ₂ on Si(100)(2x1) and its Effect on the Asymmetry of the Si Surface Dimers. <i>Physical Review Letters</i> , 1997 , 79, 673-676	7.4	51
444	Local adsorption geometry of acetylene on Si(100)(2x1). <i>Physical Review B</i> , 2000 , 61, 16697-16703	3.3	51
443	Medium-energy ion scattering structural study of the Ni(111)(3x3)R30° surface phase. <i>Physical Review B</i> , 2000 , 61, 7706-7715	3.3	51
442	Structure determination of an alkali metal-CO coadsorption phase: Ni(111)-K/CO. <i>Physical Review Letters</i> , 1995 , 74, 1621-1624	7.4	51
441	Electronic structure of silver and copper ultrathin films on V(100): Quantum-well states. <i>Physical Review B</i> , 1996 , 54, 11786-11795	3.3	51

440	Photoelectron diffraction study of i chemisorbed on Ag(111). <i>Surface Science</i> , 1981 , 102, 527-541	1.8	51
439	Photon- and electron-stimulated desorption from a metal surface. <i>Physical Review B</i> , 1980 , 21, 5642-5645	3.3	49
438	The surface structure of Si(100) surfaces using averaged LEED. <i>Surface Science</i> , 1977 , 64, 131-140	1.8	49
437	Non-dipole photoemission effects in x-ray standing wavefield determination of surface structure. <i>Journal of Physics Condensed Matter</i> , 1998 , 10, L623-L629	1.8	48
436	Structure determination of the and surface alloy phases by medium-energy ion scattering. <i>Journal of Physics Condensed Matter</i> , 1999 , 11, 1889-1901	1.8	48
435	Sampling depths in total yield and reflectivity SEXAFS studies in the soft X-ray region. <i>Surface Science</i> , 1982 , 114, 38-46	1.8	48
434	Adsorbate-induced surface reconstruction and surface-stress changes in Cu(100)D: Experiment and theory. <i>Physical Review B</i> , 2006 , 74,	3.3	47
433	The surface structure of Si(100) surfaces using averaged leed. <i>Surface Science</i> , 1977 , 63, 254-262	1.8	47
432	The structure of sodium adsorption phases on Al(111). <i>Surface Science</i> , 1992 , 278, 246-262	1.8	46
431	Valence band photoemission study of the coadsorption of CO and K on Cu{100};. <i>Surface Science</i> , 1984 , 138, 31-39	1.8	46
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429	Three independent LEED studies of clean Si (100) surfaces. <i>Journal of Physics C: Solid State Physics</i> , 1977 , 10, 1109-1119		46
428	A structural study of the interaction of SO ₂ with Cu(111). <i>Surface Science</i> , 2000 , 459, 231-244	1.8	45
427	Photoelectron and Auger electron diffraction. <i>Surface Science</i> , 1994 , 299-300, 183-198	1.8	45
426	Inverse photoemission. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 1983 , 1, 1104-1110	2.9	45
425	Crystallographic incident beam effects in quantitative Auger electron spectroscopy. <i>Surface Science</i> , 1980 , 100, L483-L490	1.8	45
424	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,	3	44
423	The local geometry of reactant and product in a surface reaction: the dehydrogenation of adsorbed ethylene on Ni(111). <i>Surface Science</i> , 1995 , 323, 19-29	1.8	44

422	Infrared-Active Combination Band in a Surface Formate Species. <i>Physical Review Letters</i> , 1983 , 51, 475-478	1.8	44
421	Angular dependence of Auger electron emission from a single crystal specimen. <i>Vacuum</i> , 1972 , 22, 477-480	1.8	44
420	Scanning tunnelling microscopy investigation of the oxygen-induced faceting and nano-faceting of a vicinal copper surface. <i>Surface Science</i> , 1997 , 376, 374-388	1.8	43
419	Characterization of thiolate species formation on Cu(111) using soft x-ray photoelectron spectroscopy. <i>Journal of Physics Condensed Matter</i> , 1998 , 10, 8661-8670	1.8	43
418	Adsorption site determination for oxygen on Al(111) using normal incidence standing X-ray wavefield absorption. <i>Surface Science</i> , 1992 , 271, 45-56	1.8	43
417	A low energy ion scattering study of the adsorption of oxygen on Cu{100} surfaces. <i>Surface Science</i> , 1981 , 105, 459-468	1.8	43
416	Determination of the orientation of methoxy on Cu(111) using X-ray photoelectron diffraction. <i>Surface Science</i> , 1992 , 273, 381-384	1.8	42
415	Structural determination of the (111)-(1 × 1)30° surface using the normal incidence X-ray standing wave method. <i>Surface Science</i> , 1995 , 324, 122-132	1.8	41
414	Anisotropy of initial oxidation kinetics of nickel single crystal surfaces. <i>Surface Science</i> , 1982 , 114, 431-448	1.8	41
413	A LEED study of the Si{100}(1 × 1)H surface structure. <i>Surface Science</i> , 1978 , 74, 34-46	1.8	41
412	The kinetics of surface and grain boundary segregation in binary and ternary systems. <i>Philosophical Magazine A: Physics of Condensed Matter, Structure, Defects and Mechanical Properties</i> , 1979 , 40, 459-476	1.8	41
411	Quantitative structural studies of corundum and rocksalt oxide surfaces. <i>Chemical Reviews</i> , 2013 , 113, 3863-86	68.1	39
410	Nitrogen adsorption structures on Cu(100) and the role of a symmetry-lowering surface reconstruction in the c(2 × 2)-N phase. <i>Surface Science</i> , 2001 , 492, 11-26	1.8	39
409	Adsorbate structures from photoelectron diffraction: Holographic reconstruction or real-space triangulation?. <i>Physical Review Letters</i> , 1992 , 68, 1543-1546	7.4	39
408	Time-of-flight measurements with a CMA for simultaneous energy and mass determinations of desorbed ions. <i>Journal of Vacuum Science and Technology</i> , 1980 , 17, 1202-1207	1.8	39
407	A photoelectron diffraction study of Cu{110}-(2 × 2)-O. <i>Surface Science</i> , 1990 , 227, 237-245	1.8	38
406	Direct quantitative identification of the "surface -effect". <i>Chemical Science</i> , 2016 , 7, 5647-5656	9.4	37
405	The Structure of Atomic Sulfur Phases on Au(111). <i>Journal of Physical Chemistry C</i> , 2007 , 111, 10904-10914	1.8	37

404	Atomic quadrupolar photoemission asymmetry parameters from a solid state measurement. <i>Physical Review Letters</i> , 2000 , 84, 2346-9	7.4	37
403	Adsorption site and orientation of pyridine on Cu{110} determined by photoelectron diffraction. <i>Journal of Chemical Physics</i> , 1999 , 110, 9666-9672	3.9	37
402	Following the changes in local geometry associated with a surface reaction: the dehydrogenation of adsorbed ethylene. <i>Journal of Physics Condensed Matter</i> , 1994 , 6, L93-L98	1.8	37
401	Photoabsorption shape resonance in the adsorption system CO/K/Cu(100): A dilemma. <i>Physical Review B</i> , 1986 , 34, 1340-1342	3.3	37
400	Structure determination for coadsorbed molecular fragments using chemical shift photoelectron diffraction. <i>Physical Review Letters</i> , 1993 , 71, 581-584	7.4	36
399	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	3.3	36
398	Surface structural information from photoelectron diffraction. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2010 , 178-179, 186-194	1.7	35
397	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	35
396	Photoemission intensity oscillations from quantum-well states in the Ag/V(100) overlayer system. <i>Physical Review B</i> , 1999 , 59, 5170-5177	3.3	34
395	Photoelectron diffraction study of the local adsorption site in the Cu(110)(2 × 2)-N structure. <i>Surface Science</i> , 1990 , 237, 99-107	1.8	34
394	Fine structure in ionisation cross sections and applications to surface science. <i>Reports on Progress in Physics</i> , 1986 , 49, 683-723	14.4	34
393	Time reversal symmetry in low energy electron diffraction. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 1970 , 31, 207-208	2.3	34
392	The temperature dependence of the magnitudes and positions of the peaks in LEED intensity-energy plots. <i>Physica Status Solidi A</i> , 1970 , 1, 429-437		34
391	Solved and unsolved problems in surface structure determination. <i>Surface Science</i> , 2002 , 500, 147-171	1.8	33
390	Surface and sub-surface segregation at the Pt ₂₅ Rh ₇₅ (111) surface: a medium energy ion scattering study. <i>Surface Science</i> , 2002 , 497, 1-12	1.8	33
389	The local adsorption geometry of CH ₃ and NH ₃ on Cu(111): a density functional theory study. <i>Surface Science</i> , 2002 , 498, 203-211	1.8	33
388	Structure determination of Ag(111)(3 × 3)R30° by low-energy electron diffraction. <i>Physical Review B</i> , 2000 , 61, 13983-13987	3.3	33
387	The dimers stay intact: a quantitative photoelectron study of the adsorption system Si{100}(2 × 1)-C ₂ H ₄ . <i>New Journal of Physics</i> , 1999 , 1, 20-20	2.9	33

386	Low energy ion scattering study of the Cu(110)(2 × 2)-N structure. <i>Surface Science</i> , 1990 , 237, 108-115	1.8	33
385	The adsorption of I ₂ on Ni{100} studied by AES, LEED and thermal desorption. <i>Vacuum</i> , 1981 , 31, 411-415	1.7	33
384	Adsorption structure of glycine on TiO ₂ (1 1 0): A photoelectron diffraction determination. <i>Surface Science</i> , 2009 , 603, 2305-2311	1.8	32
383	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	1.8	32
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381	The electronic structure of graphitic overlayers on Ni{100}. <i>Surface Science</i> , 1986 , 171, L447-L453	1.8	32
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378	Structure investigation of Ag(111)($\sqrt{7} \times \sqrt{7}$)R19 degrees -SCH ₃ by X-ray standing waves: a case of thiol-induced substrate reconstruction. <i>Journal of Physical Chemistry B</i> , 2006 , 110, 2164-70	3.4	31
377	Quantitative determination of the local structure of H ₂ O on TiO ₂ (1 1 0) using scanned-energy mode photoelectron diffraction. <i>Surface Science</i> , 2006 , 600, 1487-1496	1.8	31
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375	Nitrogen-induced pseudo-(100) reconstruction of the Cu(111) surface identified by STM. <i>Surface Science</i> , 1999 , 442, 1-8	1.8	31
374	The effect of anisotropic molecular vibrations in photoelectron diffraction of adsorbed species. <i>Surface Science</i> , 1992 , 269-270, 35-40	1.8	31
373	NEXAFS determination of CO orientation on a stepped platinum surface. <i>Surface Science</i> , 1987 , 183, 576-590	1.8	31
372	Angular dependence of Auger electron emission from solid surfaces. <i>Solid State Communications</i> , 1972 , 11, 991-993	1.6	31
371	Circular dichroism in core level photoemission from an adsorbed chiral molecule. <i>Physical Review Letters</i> , 2004 , 92, 236103	7.4	30
370	Temperature dependence of photoemission from quantum-well states in Ag/V(100): Moving surface-vacuum barrier effects. <i>Physical Review B</i> , 2001 , 64,	3.3	30
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368	Methanethiolate structural phases on Cu(100) and Cu(410). <i>Surface Science</i> , 2001 , 488, 207-218	1.8	30
367	Quantitative structure determination of an NH _x species adsorbed on Cu(110). <i>Surface Science</i> , 1996 , 352-354, 232-237	1.8	30
366	Angle-resolved polarised light photoemission study of the formation and structure of acetate on Cu(110). <i>Surface Science</i> , 1988 , 203, 89-100	1.8	30
365	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	1.8	30
364	Modern Techniques of Surface Science 2016 ,		30
363	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	1.8	29
362	Surface alloys, surface rumpling and surface stress. <i>Surface Science</i> , 2004 , 572, 309-317	1.8	29
361	Sb-induced surface stacking faults at Ag(111) and Cu(111) surfaces: density-functional theory results. <i>Journal of Physics Condensed Matter</i> , 2000 , 12, 7699-7704	1.8	29
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- 11 Introduction and General Background Concepts1-34
- 10 Methods of Surface Structure Determination98-214
- 9 Methods of Determining Surface Electronic Structure287-382

8 Probes of Vibrational Structure **2021**, 226-241

7 Local Structural Techniques **2021**, 143-184

6 Probes of Electronic Structure **2021**, 185-225

5 Crystalline Structural Techniques **2021**, 102-142

4 Getting the Light to the Sample **2021**, 70-101

3 Synchrotron Radiation Sources **2021**, 16-69

2 Imaging and Micro/Nano-Analysis **2021**, 242-271

1 Surface adsorption structure determination using backscattering photoelectron diffraction. *Journal of Electron Spectroscopy and Related Phenomena*, **2022**, 256, 147170

1.7