

D Phil Woodruff

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

529
papers

15,672
citations

63
h-index

91
g-index

562
ext. papers

16,179
ext. citations

3.4
avg, IF

6.36
L-index

#	Paper	IF	Citations
529	Thermodynamic Driving Forces for Substrate Atom Extraction by Adsorption of Strong Electron Acceptor Molecules.. <i>Journal of Physical Chemistry C</i> , 2022 , 126, 6082-6090	3.8	5
528	Surface adsorption structure determination using backscattering photoelectron diffraction. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2022 , 256, 147170	1.7	
527	Direct Experimental Evidence for Substrate Adatom Incorporation into a Molecular Overlayer.. <i>Journal of Physical Chemistry C</i> , 2022 , 126, 7346-7355	3.8	1
526	New insight on the role of localisation in the electronic structure of the Si(111)(7 × 7) surfaces. <i>Scientific Reports</i> , 2021 , 11, 15034	4.9	1
525	Photoelectron diffraction: Early demonstrations and alternative modes. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 2021 , 39, 040801	2.9	1
524	Probes of Vibrational Structure 2021 , 226-241		
523	Local Structural Techniques 2021 , 143-184		
522	Probes of Electronic Structure 2021 , 185-225		
521	Crystalline Structural Techniques 2021 , 102-142		
520	Getting the Light to the Sample 2021 , 70-101		
519	Synchrotron Radiation Sources 2021 , 16-69		
518	Imaging and Micro/Nano-Analysis 2021 , 242-271		
517	Alkali Doping Leads to Charge-Transfer Salt Formation in a Two-Dimensional Metal-Organic Framework. <i>ACS Nano</i> , 2020 , 14, 7475-7483	16.7	13
516	Validation of the inverted adsorption structure for free-base tetraphenyl porphyrin on Cu(111). <i>Chemical Communications</i> , 2020 , 56, 3681-3684	5.8	7
515	Growth and evolution of tetracyanoquinodimethane and potassium coadsorption phases on Ag(111). <i>New Journal of Physics</i> , 2020 , 22, 063028	2.9	5
514	X-ray standing wave studies of molecular adsorption: why coherent fractions matter. <i>New Journal of Physics</i> , 2020 , 22, 113012	2.9	9
513	The structure of 2D charge transfer salts formed by TCNQ/alkali metal coadsorption on Ag(111). <i>Surface Science</i> , 2020 , 701, 121687	1.8	1

512	Quantitative determination of molecular adsorption structures: STM and DFT are not enough. <i>Japanese Journal of Applied Physics</i> , 2019 , 58, 100501	1.4	7
511	Characterization of growth and structure of TCNQ phases on Ag(111). <i>Physical Review Materials</i> , 2019 , 3,	3.2	3
510	Corrugated graphene exposes the limits of a widely used ab initio van der Waals DFT functional. <i>Physical Review Materials</i> , 2019 , 3,	3.2	1
509	The Structure of VOPc on Cu(111): Does V=O Point Up, or Down, or Both?. <i>Journal of Physical Chemistry C</i> , 2019 , 123, 8101-8111	3.8	8
508	Re-evaluating how charge transfer modifies the conformation of adsorbed molecules. <i>Nanoscale</i> , 2018 , 10, 14984-14992	7.7	25
507	Structural determination of bilayer graphene on SiC(0001) using synchrotron radiation photoelectron diffraction. <i>Scientific Reports</i> , 2018 , 8, 10190	4.9	23
506	Direct measurement of Ni incorporation into FeO(001). <i>Physical Chemistry Chemical Physics</i> , 2018 , 20, 16469-16476	3.6	13
505	A structural investigation of the interaction of oxalic acid with Cu(110). <i>Surface Science</i> , 2018 , 668, 134-143		4
504	Photoelectron Diffraction 2018 , 372-379		2
503	Probing the interplay between geometric and electronic structure in a two-dimensional K-TCNQ charge transfer network. <i>Faraday Discussions</i> , 2017 , 204, 97-110	3.6	19
502	Supramolecular effects in self-assembled monolayers: general discussion. <i>Faraday Discussions</i> , 2017 , 204, 123-158	3.6	2
501	Supramolecular systems at liquid-solid interfaces: general discussion. <i>Faraday Discussions</i> , 2017 , 204, 271-295	3.6	2
500	A scanning tunnelling microscopy study of C and N adsorption phases on the vicinal Ni(100) surfaces Ni(810) and Ni(911). <i>Surface Science</i> , 2016 , 646, 114-125	1.8	3
499	Direct quantitative identification of the "surface -effect". <i>Chemical Science</i> , 2016 , 7, 5647-5656	9.4	37
498	Adsorption and reaction at stepped surfaces: a historical viewpoint. <i>Journal of Physics Condensed Matter</i> , 2016 , 28, 491001	1.8	4
497	Bridging the pressure gap: Can we get local quantitative structural information at near-ambient pressures?. <i>Surface Science</i> , 2016 , 652, 4-6	1.8	3
496	Modern Techniques of Surface Science 2016 ,		30
495	Molecular orbital tomography for adsorbed molecules: is a correct description of the final state really unimportant?. <i>New Journal of Physics</i> , 2015 , 17, 013033	2.9	19

494	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
493	Adsorbate-induced surface stress, surface strain and surface reconstruction: CH ₃ S on Cu(100) and Cu(111). <i>Surface Science</i> , 2015 , 635, 27-36	1.8	4
492	X-ray standing wave study of Si clusters on a decagonal Al-Co-Ni quasicrystal surface. <i>Physical Review B</i> , 2015 , 91,	3.3	1
491	Ordered growth of vanadyl phthalocyanine (VOPc) on an iron phthalocyanine (FePc) monolayer. <i>Physical Chemistry Chemical Physics</i> , 2015 , 17, 29747-52	3.6	8
490	V-doped TiO ₂ (110): Quantitative structure determination using energy scanned photoelectron diffraction. <i>Surface Science</i> , 2014 , 630, 64-70	1.8	5
489	Quantitative adsorbate structure determination for quasicrystals using x-ray standing waves. <i>Physical Review Letters</i> , 2014 , 113, 106101	7.4	6
488	Quantitative adsorbate structure determination under catalytic reaction conditions. <i>Physical Review B</i> , 2013 , 87,	3.3	6
487	Adsorbate-induced surface stress, surface strain and surface reconstruction: S on Cu(100) and Ni(100). <i>Surface Science</i> , 2013 , 613, 21-27	1.8	12
486	The local structure of the azobenzene/aniline reaction intermediate on TiO ₂ (110). <i>Surface Science</i> , 2013 , 613, 40-47	1.8	6
485	Quantitative structural studies of corundum and rocksalt oxide surfaces. <i>Chemical Reviews</i> , 2013 , 113, 3863-86	68.1	39
484	Identifying the Azobenzene/Aniline Reaction Intermediate on TiO ₂ -(110): A DFT Study. <i>Journal of Physical Chemistry C</i> , 2013 , 117, 12591-12599	3.8	6
483	X-RAY STANDING WAVE IN A BACKSCATTERING GEOMETRY. <i>Series on Synchrotron Radiation Techniques and Applications</i> , 2013 , 83-93		
482	X-RAY STANDING WAVE FOR CHEMICAL-STATE SPECIFIC SURFACE STRUCTURE DETERMINATION. <i>Series on Synchrotron Radiation Techniques and Applications</i> , 2013 , 441-455		
481	Deprotonated Glycine on Cu(111): Quantitative Structure Determination by Energy-Scanned Photoelectron Diffraction. <i>Journal of Physical Chemistry C</i> , 2012 , 116, 9985-9995	3.8	15
480	Global search algorithms in surface structure determination using photoelectron diffraction. <i>Surface Science</i> , 2012 , 606, 278-284	1.8	16
479	Does methanol produce a stable methoxy species on Ru(0001) at low temperatures?. <i>Surface Science</i> , 2012 , 606, 1298-1302	1.8	5
478	Quantitative local structure determination of R,R-tartaric acid on Cu(110): Monotartrate and bitartrate phases. <i>Surface Science</i> , 2012 , 606, 1435-1442	1.8	10
477	The structure of epitaxial V ₂ O ₃ films and their surfaces: A medium energy ion scattering study. <i>Surface Science</i> , 2012 , 606, 1716-1727	1.8	16

476	Surface structure of GaP(110): Ion scattering and density functional theory study. <i>Physical Review B</i> , 2012 , 85,	3.3	4
475	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
474	The structure of furan reaction products on Pd(111). <i>Physical Chemistry Chemical Physics</i> , 2011 , 13, 7975-84	3.8	10
473	Medium energy ion scattering investigation of methylthiolate-induced modification of the Au(111) surface. <i>Surface Science</i> , 2011 , 605, 138-145	1.8	9
472	The structure of methoxy species on Cu(110): A combined photoelectron diffraction and density functional theory determination. <i>Surface Science</i> , 2011 , 605, 193-205	1.8	12
471	V ₂ O ₃ (0001) surface termination: phase equilibrium. <i>Physical Review Letters</i> , 2011 , 107, 016105	7.4	27
470	Surface stress changes in the Ir(001)/H system: Density functional theory study. <i>Physical Review B</i> , 2011 , 84,	3.3	2
469	Face-dependent bond lengths in molecular chemisorption: the formate species on Cu(111) and Cu(110). <i>Physical Review Letters</i> , 2011 , 107, 046102	7.4	23
468	Local hydroxyl adsorption geometry on TiO ₂ (110). <i>Physical Review B</i> , 2011 , 84,	3.3	9
467	Uracil on Cu(110): a quantitative structure determination by energy-scanned photoelectron diffraction. <i>Journal of Chemical Physics</i> , 2011 , 135, 014704	3.9	16
466	Methoxy species on Cu(110): understanding the local structure of a key catalytic reaction intermediate. <i>Physical Review Letters</i> , 2010 , 105, 086101	7.4	16
465	Two- and three-dimensional growth of Bi on i-Al-Pd-Mn studied using medium-energy ion scattering. <i>Physical Review B</i> , 2010 , 82,	3.3	4
464	STM study of molecule double-rows in mixed self-assembled monolayers of alkanethiols. <i>Langmuir</i> , 2010 , 26, 8174-9	4	10
463	Structure of Cytosine on Cu(110): a Scanned-Energy Mode Photoelectron Diffraction Study. <i>Journal of Physical Chemistry C</i> , 2010 , 114, 15454-15463	3.8	17
462	Structural investigation of Au(111)/butylthiolate adsorption phases. <i>Physical Chemistry Chemical Physics</i> , 2010 , 12, 3229-38	3.6	19
461	Using photoelectron diffraction to determine complex molecular adsorption structures. <i>Journal of Physics: Conference Series</i> , 2010 , 235, 012001	0.3	
460	The structure of surfaces: what do we know and what would we like to know?. <i>Journal of Physics Condensed Matter</i> , 2010 , 22, 084016	1.8	5
459	A photoelectron diffraction investigation of vanadyl phthalocyanine on Au(1 1 1). <i>Surface Science</i> , 2010 , 604, 47-53	1.8	22

458	The local adsorption structure of methylthiolate and butylthiolate on Au(1 1 1): A photoemission core-level shift investigation. <i>Surface Science</i> , 2010 , 604, 227-234	1.8	19
457	Surface relaxation in Cu(410)D: A medium energy ion scattering study. <i>Surface Science</i> , 2010 , 604, 788-798		5
456	The structure and bonding of furan on Pd(111). <i>Surface Science</i> , 2010 , 604, 920-925	1.8	62
455	Silver sulphide growth on Ag(111): A medium energy ion scattering study. <i>Surface Science</i> , 2010 , 604, 1254-1260	1.8	5
454	A standard format for reporting atomic positions: Further needs and options. <i>Surface Science</i> , 2010 , 604, 1544-1547	1.8	2
453	Thiolate-induced lateral distortion of the Cu(100) surface. <i>Surface Science</i> , 2010 , 604, 1727-1732	1.8	2
452	Surface structural information from photoelectron diffraction. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2010 , 178-179, 186-194	1.7	35
451	(2BB)rect. phase of alkylthiolate self-assembled monolayers on Au(111): A symmetry-constrained structural solution. <i>Physical Review B</i> , 2009 , 79,	3.3	22
450	Direct observation and theory of trajectory-dependent electronic energy losses in medium-energy ion scattering. <i>Physical Review Letters</i> , 2009 , 102, 096103	7.4	13
449	Chaudhuri et al. Reply.. <i>Physical Review Letters</i> , 2009 , 103,	7.4	6
448	The chemistry of nitrogen oxides on small size-selected cobalt clusters, Co(n) (+). <i>Journal of Chemical Physics</i> , 2009 , 130, 064305	3.9	18
447	The structure of the Au(111)/methylthiolate interface: new insights from near-edge x-ray absorption spectroscopy and x-ray standing waves. <i>Journal of Chemical Physics</i> , 2009 , 130, 124708	3.9	27
446	The local structure of SO ₂ and SO ₃ on Ni(111): A scanned-energy mode photoelectron diffraction study. <i>Surface Science</i> , 2009 , 603, 2062-2073	1.8	5
445	The local adsorption site of methylthiolate on Au(111): Bridge or atop?. <i>Surface Science</i> , 2009 , 603, 807-813		18
444	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
443	Local methylthiolate adsorption geometry on Au(111) from photoemission core-level shifts. <i>Physical Review Letters</i> , 2009 , 102, 126101	7.4	57
442	Chemistry of (and on) transition metal clusters: a Fourier transform ion cyclotron resonance study of the reaction of niobium cluster cations with nitric oxide. <i>European Journal of Mass Spectrometry</i> , 2009 , 15, 83-90	1.1	8
441	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

440	The local structure of OH species on the V ₂ O ₃ (0 0 0 1) surface: A scanned-energy mode photoelectron diffraction study. <i>Surface Science</i> , 2008 , 602, 1267-1279	1.8	12
439	The local structure of molecular reaction intermediates at surfaces. <i>Chemical Society Reviews</i> , 2008 , 37, 2262-73	58.5	8
438	Surface Structure 2008 , 1-56		1
437	The local adsorption structure of benzene on Si(001)-(2 × 1): a photoelectron diffraction investigation. <i>Journal of Physics Condensed Matter</i> , 2008 , 20, 304206	1.8	11
436	The adsorption structure of furan on Pd(111). <i>Surface Science</i> , 2008 , 602, 2524-2531	1.8	31
435	A structural study of a C ₃ H ₃ species coadsorbed with CO on Pd(1 1 1). <i>Surface Science</i> , 2008 , 602, 2743-2751	1.8	9
434	Photoelectron diffraction: from phenomenological demonstration to practical tool. <i>Applied Physics A: Materials Science and Processing</i> , 2008 , 92, 439-445	2.6	12
433	Density functional theory calculations of adsorption-induced surface stress changes. <i>Surface Science</i> , 2008 , 602, 226-234	1.8	15
432	Structure determination of PF ₃ adsorption on Cu(100) using X-ray standing waves. <i>Surface Science</i> , 2008 , 602, 650-659	1.8	6
431	The local adsorption geometry of benzenethiolate on Cu(100). <i>Surface Science</i> , 2008 , 602, 2453-2462	1.8	16
430	Should surface science exploit more quantitative experiments?. <i>Surface Science</i> , 2008 , 602, 2963-2966	1.8	5
429	The Structure of Atomic Sulfur Phases on Au(111). <i>Journal of Physical Chemistry C</i> , 2007 , 111, 10904-10914	3.8	37
428	Structural Investigation of the Interaction of Molecular Sulfur with Ag(111). <i>Journal of Physical Chemistry C</i> , 2007 , 111, 3152-3162	3.8	15
427	Adsorbate structure determination using photoelectron diffraction: Methods and applications. <i>Surface Science Reports</i> , 2007 , 62, 1-38	12.9	141
426	The structure of the V ₂ O ₃ (0 0 0 1) surface: A scanned-energy mode photoelectron diffraction study. <i>Surface Science</i> , 2007 , 601, 3350-3360	1.8	15
425	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
424	The role of reconstruction in self-assembly of alkylthiolate monolayers on coinage metal surfaces. <i>Applied Surface Science</i> , 2007 , 254, 76-81	6.7	27
423	MEIS investigations of surface structure. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2007 , 256, 293-299	1.2	6

422	Methylthiolate-induced reconstruction of Ag(111): A medium energy ion scattering study. <i>Surface Science</i> , 2007 , 601, 50-57	1.8	12
421	Structural analysis of Pt(111)c(BB)rect.ΠO using photoelectron diffraction. <i>Surface Science</i> , 2007 , 601, 1296-1303	1.8	4
420	Structure of the Pentylthiolate Self-Assembled Monolayer on Ag(111). <i>Journal of Physical Chemistry C</i> , 2007 , 111, 10040-10048	3.8	8
419	Photoelectron diffraction investigation of the structure of the clean TiO ₂ (110)(1̄1̄) surface. <i>Physical Review B</i> , 2007 , 75,	3.3	21
418	Inelastic energy loss in 100keV H ⁺ scattering from single atoms: Theory and experiment for K, Rb, and Cs. <i>Physical Review B</i> , 2006 , 74,	3.3	6
417	Adsorbate-induced surface reconstruction and surface-stress changes in Cu(100)Π: Experiment and theory. <i>Physical Review B</i> , 2006 , 74,	3.3	47
416	Medium-energy ion-scattering study of the structure of clean TiO ₂ (110)(1̄1̄). <i>Physical Review B</i> , 2006 , 73,	3.3	27
415	Nitric oxide decomposition on small rhodium clusters, Rh(n)+/-. <i>Journal of Physical Chemistry A</i> , 2006 , 110, 10992-1000	2.8	83
414	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
413	Structure investigation of Ag(111)(radical7x radical7)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
412	The adsorption of CCl ₄ on Ag(111): Carbene and CC bond formation. <i>Surface Science</i> , 2006 , 600, 241-248	1.8	5
411	Density functional theory investigation of CN on Cu(111), Ni(111) and Ni(100). <i>Surface Science</i> , 2006 , 600, 340-347	1.8	12
410	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
409	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	1.8	28
408	Structural characterisation of ultra-thin VO _x films on TiO ₂ (110). <i>Surface Science</i> , 2006 , 600, 4813-4824	1.8	10
407	Surface structure determination using x-ray standing waves. <i>Reports on Progress in Physics</i> , 2005 , 68, 743-798	14.4	149
406	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
405	Scanning tunneling microscopy investigation of the structure of methanethiolate on Ag(111). <i>Langmuir</i> , 2005 , 21, 7285-91	4	28

404	Can circular dichroism in core-level photoemission provide a spectral fingerprint of adsorbed chiral molecules?. <i>New Journal of Physics</i> , 2005 , 7, 109-109	2.9	8
403	Non-dipole effects in high-energy photoelectron emission; identification and quantification using X-ray standing waves. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2005 , 547, 187-195	1.2	13
402	The local structure of SO ₂ and SO ₃ on Ni(1 1 1). <i>Surface Science</i> , 2005 , 577, 31-41	1.8	12
401	Density functional theory analysis of the Ni(110)c(2x)-CN surface phase. <i>Surface Science</i> , 2005 , 580, 145-152	1.8	2
400	N-induced pseudo-(100) reconstruction of Cu(111): One layer or more?. <i>Surface Science</i> , 2005 , 582, 97-108	1.8	11
399	Local structure determination of a chiral adsorbate: Alanine on Cu(1 1 0). <i>Surface Science</i> , 2005 , 590, 76-87	1.8	81
398	The methanethiolate-induced pseudo-(100) reconstruction of Cu(111): A medium energy ion scattering structure study. <i>Surface Science</i> , 2005 , 598, 209-217	1.8	20
397	Self-assembly of an aromatic thiolate on Cu(100): The local adsorption site. <i>Surface Science</i> , 2005 , 598, 253-262	1.8	15
396	Energy loss in medium-energy ion scattering: A combined theoretical and experimental study of the model system Y on Si(111). <i>Physical Review B</i> , 2005 , 72,	3.3	11
395	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
394	Alloying-induced surface stress change in Cu(100)c(2x)Mn. <i>Physical Review B</i> , 2005 , 72,	3.3	13
393	Surface crystallography and its relationship to catalysis. <i>Crystallography Reviews</i> , 2005 , 11, 35-47	1.3	2
392	Local structure determination of NH ₂ on Si(111)(7x7). <i>Physical Review B</i> , 2004 , 69,	3.3	13
391	Chemical State-specific Surface Structure from Photoemission-monitored X-ray Standing Waves. <i>Synchrotron Radiation News</i> , 2004 , 17, 11-16	0.6	
390	Circular dichroism in core level photoemission from an adsorbed chiral molecule. <i>Physical Review Letters</i> , 2004 , 92, 236103	7.4	30
389	Surface and subsurface oxide formation on Ni(100) and Ni(111). <i>Surface Science</i> , 2004 , 565, 1-13	1.8	15
388	LEED structure determination of the Ni(111)R30°Sn surface. <i>Surface Science</i> , 2004 , 550, 127-132	1.8	22
387	The structure and bonding of carbonate on Ag(110): a density-functional theory study. <i>Surface Science</i> , 2004 , 556, 193-202	1.8	15

386	Nitrogen-induced nanometre-scale faceting of Cu(4 1 0). <i>Surface Science</i> , 2004 , 560, 35-44	1.8	8
385	Adsorption geometry of CN on Cu(1 1 1) and Cu(1 1 1)/O. <i>Surface Science</i> , 2004 , 563, 159-168	1.8	14
384	Surface alloys, surface rumpling and surface stress. <i>Surface Science</i> , 2004 , 572, 309-317	1.8	29
383	Understanding adsorbate bonding through quantitative surface structure determination. <i>Applied Surface Science</i> , 2004 , 237, 13-20	6.7	1
382	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
381	A CO ₂ Surface Molecular Precursor during CO Oxidation over Pt{100}. <i>Journal of Physical Chemistry B</i> , 2004 , 108, 14270-14275	3.4	5
380	A Real-Time Vibrational Spectroscopic Investigation of the Low-Temperature Oscillatory Regime of the Reaction of NO with CO on Pt{100}. <i>Journal of Physical Chemistry B</i> , 2004 , 108, 1708-1718	3.4	3
379	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
378	The temperature dependence of the interaction of NO+CO on Pt{100}. <i>Surface Science</i> , 2003 , 547, 355-373	1.8	9
377	Can glycine form homochiral structural domains on low-index copper surfaces?. <i>Surface Science</i> , 2003 , 522, L9-L14	1.8	66
376	An infrared vibrational spectroscopic study of the interaction of methanol with oxygen-covered Cu(). <i>Surface Science</i> , 2003 , 526, 19-32	1.8	22
375	Low energy electron diffraction structure determination of the Ni(c(2x)2x)N surface phase. <i>Surface Science</i> , 2003 , 526, 33-43	1.8	12
374	Comment on Properly interpreting scanning tunneling microscopy images: the Cu(100)-c(2x)N surface revisited by T.E. Wofford, S.M. York and F.M. Leibsle [Surf. Sci. 522 (2003) 47]. <i>Surface Science</i> , 2003 , 539, 182-185	1.8	10
373	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
372	The structure of the Ni(1 0 0)c(2x)2x surface: a chemical-state-specific scanned-energy mode photoelectron diffraction determination. <i>Surface Science</i> , 2003 , 538, 59-75	1.8	7
371	Local structure of OH adsorbed on the Ge(001)(2x) surface using scanned-energy mode photoelectron diffraction. <i>Surface Science</i> , 2003 , 540, 246-254	1.8	1
370	Local adsorption sites and bondlength changes in Ni/H/CO and Ni/CO. <i>Surface Science</i> , 2003 , 540, 441-456	1.8	20
369	Some structural issues in surface alloys and alloy surfaces: rumpling, stacking faults and disorder. <i>Applied Surface Science</i> , 2003 , 219, 1-10	6.7	24

368	Aspects of layer-by-layer composition analysis using MEIS. <i>Current Applied Physics</i> , 2003 , 3, 89-92	2.6	5
367	Structural studies at metallic surfaces and interfaces using MEIS. <i>Current Applied Physics</i> , 2003 , 3, 19-24	2.6	8
366	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
365	Is seeing believing?. <i>Current Opinion in Solid State and Materials Science</i> , 2003 , 7, 75-81	12	10
364	d-band quantum well states in ultrathin silver films on V(100). <i>Physical Review B</i> , 2003 , 68,	3.3	19
363	Bond lengths and bond strengths in weak and strong chemisorption: N ₂ , CO, and CO/H on nickel surfaces. <i>Physical Review Letters</i> , 2003 , 90, 116104	7.4	21
362	Photoelectron diffraction: past, present and future. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2002 , 126, 55-65	1.7	27
361	Structural study of the adsorption of Sb on Ag(111) using medium energy ion scattering. <i>Surface Science</i> , 2002 , 511, 43-56	1.8	21
360	The structure of the Pd(110)-CO surface. <i>Surface Science</i> , 2002 , 511, 34-42	1.8	6
359	Methyl on Cu(111) structural determination including influence of co-adsorbed iodine. <i>Surface Science</i> , 2002 , 512, 173-184	1.8	21
358	Structure determination of methanethiolate on unreconstructed Cu(111) by scanned-energy mode photoelectron diffraction. <i>Surface Science</i> , 2002 , 513, 437-452	1.8	19
357	A structural study of the interaction of methanethiol with Pt(111) using X-ray standing waves. <i>Surface Science</i> , 2002 , 516, 1-15	1.8	18
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