Geoff Thornton

List of Publications by Year in Descending Order

285 papers	10,958 citations	53 h-index	92 g-index
296 ext. papers	11,415 ext. citations	4.4 avg, IF	5.89 L-index

#	Paper	IF	Citations
285	TiO Polarons in the Time Domain: Implications for Photocatalysis.. *Journal of Physical Chemistry Letters*, **2022**, 559-566	6.4	0
284	Photoexcitation of bulk polarons in rutile TiO2. *Physical Review B*, **2021**, 103,	3.3	4
283	Polaron-Adsorbate Coupling at the TiO(110)-Carboxylate Interface. *Journal of Physical Chemistry Letters*, **2021**, 12, 3571-3576	6.4	7
282	Ce=O Terminated CeO. *Angewandte Chemie - International Edition*, **2021**, 60, 13835-13839	16.4	3
281	Ce=O Terminated CeO2. *Angewandte Chemie*, **2021**, 133, 13954-13958	3.6	1
280	Carboxylate Adsorption on Rutile TiO(100): Role of Coulomb Repulsion, Relaxation, and Steric Hindrance. *Journal of Physical Chemistry C*, **2021**, 125, 13770-13779	3.8	3
279	Chemical Modification of Polaronic States in Anatase TiO(101). *Journal of Physical Chemistry C*, **2021**, 125, 14348-14355	3.8	1
278	A combined laboratory and synchrotron in-situ photoemission study of the rutile TiO2 (110)/water interface. *Journal Physics D: Applied Physics*, **2021**, 54, 194001	3	3
277	Size and Shape Dependence of the Electronic Structure of Gold Nanoclusters on TiO. *Journal of Physical Chemistry Letters*, **2021**, 12, 8363-8369	6.4	2
276	Orientation of acetic acid hydrogen bonded to acetate terminated TiO2(110). *Surface Science*, **2020**, 699, 121628	1.8	3
275	Photoemission core level binding energies from multiple sized nanoparticles on the same support: TiO(110)/Au. *Journal of Chemical Physics*, **2020**, 152, 024709	3.9	4
274	State-Selective Dynamics of TiO Charge-Carrier Trapping and Recombination. *Journal of Physical Chemistry Letters*, **2019**, 10, 5265-5270	6.4	9
273	Water-Induced Reversal of the TiO(011)-(2 □1) Surface Reconstruction: Observed with in Situ Surface X-ray Diffraction. *Journal of Physical Chemistry C*, **2019**, 123, 13545-13550	3.8	6
272	Fossil biomass preserved as graphitic carbon in a late Paleoproterozoic banded iron formation metamorphosed at more than 550□C. *Journal of the Geological Society*, **2019**, 176, 651-668	2.7	3
271	Gold Cluster Coverage Effect on H2 Production over Rutile TiO2(110). *ACS Catalysis*, **2019**, 9, 8294-8305	13.1	27
270	Structure of a Superhydrophilic Surface: Wet Chemically Prepared Rutile-TiO(110)(1 □1). *Journal of Physical Chemistry C*, **2019**, 123, 8463-8468	3.8	9
269	Redox behaviour of a ceria□irconia inverse model catalyst. *Surface Science*, **2019**, 682, 8-13	1.8	1

268	Electron induced nanoscale engineering of rutile TiO surfaces. *Nanotechnology*, **2019**, 30, 025303	3.4	4
267	Variation of SMSI with the Au:Pd Ratio of Bimetallic Nanoparticles on TiO(110). *Topics in Catalysis*, **2018**, 61, 308-317	2.3	10
266	Bridging Hydroxyls on Anatase TiO(101) by Water Dissociation in Oxygen Vacancies. *Journal of Physical Chemistry B*, **2018**, 122, 834-839	3.4	30
265	Visualization of Water-Induced Surface Segregation of Polarons on Rutile TiO(110). *Journal of Physical Chemistry Letters*, **2018**, 9, 4865-4871	6.4	19
264	Characterization Tools for Ultrathin Metal Oxides **2018**, 62-85		
263	Water Dissociates at the Aqueous Interface with Reduced Anatase TiO (101). *Journal of Physical Chemistry Letters*, **2018**, 9, 3131-3136	6.4	27
262	Switch in photocatalytic reaction selectivity: The effect of oxygen partial pressure on carbon-carbon bond dissociation over hydroxylated TiO2(1 1 0) surfaces. *Journal of Catalysis*, **2018**, 363, 117-127	7.3	20
261	Mechanism of Ethanol Photooxidation on Single-Crystal Anatase TiO2(101). *Journal of Physical Chemistry C*, **2017**, 121, 2940-2950	3.8	27
260	Geometric structure of anatase TiO2(101). *Physical Review B*, **2017**, 95,	3.3	29
259	Creating Excess Electrons at the Anatase TiO(101) Surface. *Topics in Catalysis*, **2017**, 60, 392-400	2.3	16
258	Direct Visualization of Au Atoms Bound to TiO(110) O-Vacancies. *Journal of Physical Chemistry C*, **2017**, 121, 24721-24725	3.8	17
257	Structure of the SnO_{2}(110)-(4□1) Surface. *Physical Review Letters*, **2017**, 119, 096102	7.4	16
256	Structure of a model TiO□photocatalytic interface. *Nature Materials*, **2017**, 16, 461-466	27	188
255	Engineering Polarons at a Metal Oxide Surface. *Physical Review Letters*, **2016**, 117, 116402	7.4	51
254	Diffusion Barriers Block Defect Occupation on Reduced CeO_{2}(111). *Physical Review Letters*, **2016**, 116, 236101	7.4	23
253	Simulation of Near Edge X-ray Absorption Fine Structure (NEXAFS) Measurements of CO on Supported Pd Nanoparticles. *Topics in Catalysis*, **2016**, 59, 708-724	2.3	2
252	Structure of a Model Dye/Titania Interface: Geometry of Benzoate on Rutile-TiO2 (110)(1 □1). *Journal of Physical Chemistry C*, **2016**, 120, 14690-14698	3.8	5
251	Probing the local electronic structure of the cross-linked (1 □2) reconstruction of rutile TiO2(110). *Surface Science*, **2016**, 650, 71-75	1.8	8

250	Lepidocrocite-like TiO2 and TiO2(110)(1 2) supported on W(100). *Materials Science and Technology*, **2016**, 32, 203-208	1.5	3
249	Quantitative Structure of an Acetate Dye Molecule Analogue at the TiO-Acetic Acid Interface. *Journal of Physical Chemistry C*, **2016**, 120, 7586-7590	3.8	6
248	Coverage-dependent two-photon photoexcitation at the H2O/TiO2 interface. *Surface Science*, **2016**, 652, 189-194	1.8	10
247	Spillover Reoxidation of Ceria Nanoparticles. *Journal of Physical Chemistry C*, **2016**, 120, 11037-11044	3.8	25
246	Influence of support morphology on the bonding of molecules to nanoparticles. *Proceedings of the National Academy of Sciences of the United States of America*, **2015**, 112, 7903-8	11.5	15
245	Non-Band-Gap Photoexcitation of Hydroxylated TiO2. *Journal of Physical Chemistry Letters*, **2015**, 6, 3391-5	6.4	22
244	Geometry of CrO(0001) as a Function of HO Partial Pressure. *Journal of Physical Chemistry C*, **2015**, 119, 21426-21433	3.8	9
243	Direct Visualization of Soliton CO Overlayers on Supported Pd Nanoparticles. *Journal of Physical Chemistry C*, **2015**, 119, 22044-22049	3.8	2
242	Photon-, Electron-, and Scanning Tunneling Microscopy-Induced Defects on Oxide Surfaces. *Springer Series in Surface Sciences*, **2015**, 429-451	0.4	3
241	Spectromicroscopy of a Model Water Gas Shift Catalyst: Gold Nanoparticles Supported on Ceria. *Journal of Physical Chemistry C*, **2014**, 118, 19194-19204	3.8	19
240	(2 1) Reconstructions of TiO(011) Revealed by Noncontact Atomic Force Microscopy and Scanning Tunneling Microscopy. *Journal of Physical Chemistry C*, **2014**, 118, 23168-23174	3.8	11
239	A Quantitative Structural Investigation of the 0.1 wt % Nb-SrTiO(001)/HO Interface. *Journal of Physical Chemistry C*, **2014**, 118, 10980-10988	3.8	11
238	Ordered Carboxylates on TiO(110) Formed at Aqueous Interfaces. *Journal of Physical Chemistry Letters*, **2014**, 5, 4265-4269	6.4	31
237	Characterising ultrathin ceria films at the nanoscale: Combining spectroscopy and microscopy. *Journal of Electron Spectroscopy and Related Phenomena*, **2014**, 195, 13-17	1.7	10
236	Electron Beam-Induced Writing of Nanoscale Iron Wires on a Functional Metal Oxide. *Journal of Physical Chemistry C*, **2013**, 117, 17674-17679	3.8	23
235	Synthesis of TiO2(110) ultra-thin films on W(100) and their reactions with H2O. *Surface Science*, **2013**, 616, 198-205	1.8	13
234	Oxidation State Imaging of Ceria Island Growth on Re(0001). *Journal of Physical Chemistry C*, **2013**, 117, 16509-16514	3.8	24
233	Size-dependent dissociation of carbon monoxide on cobalt nanoparticles. *Journal of the American Chemical Society*, **2013**, 135, 2273-8	16.4	176

232	Dealloying of Cobalt from CuCo Nanoparticles under Syngas Exposure. *Journal of Physical Chemistry C*, **2013**, 117, 6259-6266	3.8	70
231	CO and O overlayers on Pd nanocrystals supported on TiO2(110). *Faraday Discussions*, **2013**, 162, 191-209	3.6	6
230	Structure of clean and adsorbate-covered single-crystal rutile TiO2 surfaces. *Chemical Reviews*, **2013**, 113, 3887-948	68.1	257
229	A Scanning Tunneling Microscopy Study of Ultrathin Film Rutile TiO2(110) Supported on W(100)-O(2 □1). *Journal of Physical Chemistry C*, **2013**, 117, 25622-25627	3.8	8
228	Scanning Tunneling Microscopy and Molecular Dynamics Study of the Li2TiO3(001) Surface. *Journal of Physical Chemistry C*, **2013**, 117, 5126-5131	3.8	16
227	Parameters controlling the photocatalytic performance of ZnO/Hombikat TiO2 composites. *Journal of Photochemistry and Photobiology A: Chemistry*, **2012**, 228, 1-7	4.7	20
226	Binding of a Benzoate Dye-Molecule Analogue to Rutile Titanium Dioxide Surfaces. *Journal of Physical Chemistry C*, **2012**, 116, 1020-1026	3.8	14
225	Acetic Acid Adsorption on Anatase TiO2(101). *Journal of Physical Chemistry C*, **2012**, 116, 11643-11651	3.8	56
224	Reply to □omment on ‘Structure and dynamics of liquid water on rutile TiO2(110)’ □*Physical Review B*, **2012**, 85,	3.3	28
223	Scanning tunneling microscopy contrast mechanisms for TiO2. *Physical Review Letters*, **2012**, 109, 156105	7.4	31
222	Oxide Nanoparticle Thin Films Created Using Molecular Templates. *Journal of Physical Chemistry C*, **2011**, 115, 13151-13157	3.8	1
221	Reduction of thin-film ceria on Pt(111) by supported Pd nanoparticles probed with resonant photoemission. *Surface Science*, **2011**, 605, 1062-1066	1.8	19
220	Geometric structure of TiO2(110)(1□): Confirming experimental conclusions. *Physical Review B*, **2010**, 81,	3.3	34
219	Yim, Pang, and Thornton Reply:. *Physical Review Letters*, **2010**, 104,	7.4	24
218	Impact of ambient oxygen on the surface structure of □Cr2O3(0001). *Physical Review B*, **2010**, 81,	3.3	21
217	Electron traps and their effect on the surface chemistry of TiO2(110). *Proceedings of the National Academy of Sciences of the United States of America*, **2010**, 107, 2391-6	11.5	238
216	Oxygen vacancy origin of the surface band-gap state of TiO2(110). *Physical Review Letters*, **2010**, 104, 036806	7.4	236
215	Defect Structure of Ultrathin Ceria Films on Pt(111): Atomic Views from Scanning Tunnelling Microscopy□ *Journal of Physical Chemistry C*, **2010**, 114, 17036-17041	3.8	96

214	Bonding of Methyl Phosphonate to TiO2(110). *Journal of Physical Chemistry C*, **2010**, 114, 16983-16988	3.8	21
213	A novel route for the inclusion of metal dopants in silicon. *Nanotechnology*, **2010**, 21, 025304	3.4	3
212	Structure and dynamics of liquid water on rutile TiO2(110). *Physical Review B*, **2010**, 82,	3.3	162
211	A surface X-ray diffraction study of TiO2(110)(3×1). *Surface Science*, **2009**, 603, 2015-2020	1.8	2
210	Manipulation of oxide surfaces. *Surface Science*, **2009**, 603, 3255-3261	1.8	10
209	Self-assembled metallic nanowires on a dielectric support: Pd on rutile TiO2(110). *Nano Letters*, **2009**, 9, 155-9	11.5	16
208	Chemical reactions on rutile TiO2(110). *Chemical Society Reviews*, **2008**, 37, 2328-53	58.5	441
207	Low Energy Electron Diffraction Study of TiO2(110)(2 × 1)-[HCOO]. *Journal of Physical Chemistry C*, **2008**, 112, 14154-14157	3.8	17
206	Redox Behavior of the Model Catalyst Pd/CeO2/Pt(111). *Journal of Physical Chemistry C*, **2008**, 112, 10918-10922	3.8	59
205	Geometric structure of TiO2(011)(2 x 1). *Physical Review Letters*, **2008**, 101, 185501	7.4	86
204	Substrate-termination and H2O-coverage dependent dissociation of H2O on Fe3O4(1 1 1). *Surface Science*, **2008**, 602, 1155-1165	1.8	37
203	Low-dimensional, reduced phases of ultrathin TiO2. *ACS Nano*, **2007**, 1, 409-14	16.7	28
202	Growth and Reactivity of Titanium Oxide Ultrathin Films on Ni(110). *Journal of Physical Chemistry C*, **2007**, 111, 7704-7710	3.8	31
201	CO Adsorption on the Model Catalyst Pd/CeO2-x(111)/Rh(111). *Journal of Physical Chemistry C*, **2007**, 111, 14215-14222	3.8	33
200	Electronic Structure of Cobalt Nanocrystals Suspended in Liquid. *Nano Letters*, **2007**, 7, 1919-1922	11.5	74
199	Visualization of complex-anion site conversion on a metal oxide surface. *Angewandte Chemie - International Edition*, **2007**, 46, 549-52	16.4	6
198	Visualization of Complex-Anion Site Conversion on a Metal Oxide Surface. *Angewandte Chemie*, **2007**, 119, 555-558	3.6	0
197	Modelling STM images of TiO2(110) from first-principles: Defects, water adsorption and dissociation products. *Chemical Physics Letters*, **2007**, 437, 73-78	2.5	46

196	Metal supported oxide nanostructures: model systems for advanced catalysis. *Topics in Catalysis*, **2007**, 46, 137-149	2.3	41
195	Geometric structure of TiO2(110)(1□1): Achieving experimental consensus. *Physical Review B*, **2007**, 75,	3.3	57
194	The many faces of rutile titania. *Surface Science*, **2006**, 600, 4405-4406	1.8	13
193	Tailored TiO2(110) surfaces and their reactivity. *Nanotechnology*, **2006**, 17, 5397-5405	3.4	41
192	Noncontact atomic force microscopy imaging of water dissociation products on TiO2(110). *Physical Review B*, **2006**, 74,	3.3	49
191	Molecular scale investigations of the reactivity of magnetite with formic acid, pyridine, and carbon tetrachloride. *Geochimica Et Cosmochimica Acta*, **2006**, 70, 3593-3612	5.5	30
190	Direct visualization of defect-mediated dissociation of water on TiO2(110). *Nature Materials*, **2006**, 5, 189-192	27	536
189	RAIRS studies of CO adsorption on Pd/CeO2□(111)/Pt(111). *Surface Science*, **2006**, 600, 2555-2561	1.8	12
188	Low-coverage condensation of K on TiO2(110) 1□1. *Surface Science*, **2005**, 583, L147-L152	1.8	17
187	Nanodots and other low-dimensional structures of titanium oxides. *Nanotechnology*, **2005**, 16, 3041-3044	3.4	18
186	Revisiting the Surface Structure of TiO2(110): A Quantitative low-Energy Electron Diffraction Study. *Physical Review Letters*, **2005**, 94,	7.4	144
185	Electronic structure of ensembles of gold nanoparticles: Size and proximity effects. *Physical Review B*, **2005**, 72,	3.3	25
184	A non-contact atomic force microscopy and □force spectroscopy□study of charging on oxide surfaces. *Nanotechnology*, **2004**, 15, 862-866	3.4	11
183	Magnetic properties of stoichiometric and nonstoichiometric ultrathin Fe3O4(111) films on Al2O3(0001). *Journal of Applied Physics*, **2004**, 96, 1165-1169	2.5	46
182	Photoemission electron microscopy and atomic force microscopy of epitaxial iron oxide films on □Al2O3(0001). *Journal of Applied Physics*, **2004**, 95, 7450-7452	2.5	8
181	Single molecule vibrational spectroscopy of N2 on Cu(110). *Surface Science*, **2004**, 566-568, 671-675	1.8	1
180	A surface X-ray diffraction study of Ni(110)c(2□2)-CN. *Surface Science*, **2004**, 572, 433-438	1.8	3
179	Fe M2,3 X-ray resonant magnetic reflectivity on epitaxial Fe3□O4 thin films. *Physica B: Condensed Matter*, **2004**, 345, 157-160	2.8	6

178	Impact of bulk reduction on TiO2(1 0 0)/K. *Surface Science*, **2004**, 566-568, 921-925	1.8	5
177	ZnO surface structure: hydrogen-free (1 1) termination. *Surface Science*, **2004**, 565, L283-L287	1.8	36
176	Ordered Overlayers of Ca on TiO2(110)-1 1. *Journal of Physical Chemistry B*, **2004**, 108, 16768-16771	3.4	14
175	Surface to bulk charge transfer at an alkali metal/metal oxide interface. *Surface Science*, **2003**, 547, L859-L864	1.8	21
174	Imaging in situ cleaved MgO(1 0 0) with non-contact atomic force microscopy. *Applied Surface Science*, **2003**, 210, 2-5	6.7	29
173	Materials science. Watching nanoparticles grow. *Science*, **2003**, 300, 1378-9	33.3	22
172	Magnetic moment in an ultrathin magnetite film. *Journal of Applied Physics*, **2003**, 93, 7960-7962	2.5	21
171	Stoichiometry of Fe3O4(111) ultrathin films on Pt(111). *Physical Review B*, **2003**, 67,	3.3	60
170	Structure of Atomic and Molecular Adsorbates on Low-Miller-Index ZnO Surfaces Using X-ray Absorption Spectroscopy. *Topics in Catalysis*, **2002**, 18, 15-19	2.3	12
169	Noncontact atomic force microscopy imaging of ultrathin Al2O3 on NiAl(110). *Physical Review B*, **2002**, 65,	3.3	20
168	Second layer rumpling in Ni(110)c(2 2)S. *Surface Science*, **2002**, 496, 299-306	1.8	2
167	Geometry of C1 oxygenates on ZnO()n. *Surface Science*, **2002**, 497, 239-246	1.8	14
166	Thin film TiO2 on nickel(110): an STM study. *Thin Solid Films*, **2001**, 400, 43-45	2.2	28
165	A REVIEW OF QUANTITATIVE STRUCTURAL DETERMINATIONS OF ADSORBATES ON METAL OXIDE SURFACES. *Surface Review and Letters*, **2001**, 08, 95-120	1.1	15
164	Geometry of adsorbates on metal oxide surfaces. *Chemical Physics of Solid Surfaces*, **2001**, 9, 199-255		3
163	Reduction of the Ni(110) surface spin- and orbital-magnetic moment by a c(2 2)S overlayer. *Physical Review B*, **2001**, 64,	3.3	1
162	Probing well-characterized metal oxide surfaces with synchrotron radiation. *Journal of Physics Condensed Matter*, **2001**, 13, 11207-11228	1.8	3
161	Stability of polar oxide surfaces. *Physical Review Letters*, **2001**, 86, 3811-4	7.4	366

160	Imaging Water Dissociation on TiO(2)(110). *Physical Review Letters*, **2001**, 87, 266103	7.4	291
159	Orientation of Benzene and Phenoxy on the Polar ZnO(0001)Zn Surface. *Journal of Physical Chemistry B*, **2001**, 105, 3783-3785	3.4	9
158	Orientation of carboxylates on TiO2(1 1 0). *Surface Science*, **2001**, 471, 163-169	1.8	81
157	C60 adsorption on the quasicrystalline surface of Al70Pd21Mn9. *Surface Science*, **2001**, 472, 89-96	1.8	56
156	Modifying behaviour of Cu on the orientation of formate on ZnO(000)O. *Surface Science*, **2001**, 477, 1-7	1.8	10
155	Imaging reconstructed TiO2 surfaces with non-contact atomic force microscopy. *Applied Surface Science*, **2000**, 157, 233-238	6.7	26
154	Magnetic properties of ultrathin epitaxial Fe3O4 films on Pt(111). *Journal of Magnetism and Magnetic Materials*, **2000**, 211, 266-270	2.8	20
153	The influence of chlorine on the dispersion of Cu particles on Cu/ZnO(0001) model catalysts. *Catalysis Letters*, **2000**, 65, 159-168	2.8	13
152	Copper interface induced relaxation of TiO2(110)11. *Physical Review B*, **2000**, 61, 16117-16120	3.3	17
151	Surface x-ray diffraction study of the Rh(100)(22)O reconstruction. *Physical Review B*, **2000**, 62, 2113-2117	3.3	20
150	Structures of the 41 and 12 reconstructions of SnO2(110). *Physical Review B*, **2000**, 62, R7775-R7778	3.3	51
149	Observation of an exchange-split alloy surface state. *Physical Review B*, **2000**, 61, 8932-8935	3.3	3
148	Surface relaxation of SrTiO3(001). *Surface Science*, **2000**, 457, L376-L380	1.8	96
147	Effect of Pd on the interaction of formic acid with TiO2(110). *Surface Science*, **2000**, 459, 303-309	1.8	22
146	Reactivity of thin-film TiO2(110). *Surface Science*, **2000**, 462, 68-76	1.8	47
145	Growth of copper and palladium on Al2O3(0001). *Surface Science*, **2000**, 460, L510-L514	1.8	49
144	Ultrathin ordered CeO2 overlayers on Pt(111): interaction with NO2, NO, H2O and CO. *Surface Science*, **2000**, 467, 201-213	1.8	62
143	Morphology of Cu overlayers on TiO2(110). *Surface Science*, **2000**, 467, L841-L844	1.8	9

142	Fe3O4(111) formation on a reduced Fe2O3(112 3) substrate: a low-energy electron diffraction and scanning tunnelling microscopy study. *Surface Science*, **2000**, 445, 11-17	1.8	13
141	Evidence of Discrete Bond Breaking Steps in the 1 to 1 Phase Transition of TiO2(100). *Physical Review Letters*, **1999**, 82, 5265-5268	7.4	47
140	X-ray photoelectron diffraction and Auger electron diffraction from TiO2(100). *Physical Review B*, **1999**, 60, 11700-11706	3.3	13
139	Non-contact atomic force microscopy imaging of TiO2(100) surfaces. *Applied Surface Science*, **1999**, 140, 271-275	6.7	32
138	Effects of exchange, correlation, and numerical approximations on the computed properties of the rutile TiO2 (100) surface. *Physical Review B*, **1999**, 59, 2320-2326	3.3	78
137	First-principles study of potassium adsorption on TiO2 surfaces. *Physical Review B*, **1999**, 59, 15457-15463	3.3	53
136	Four-fold hollow site for S in a Ni(100) raft on NiO(100). *Surface Science*, **1999**, 420, L138-L142	1.8	7
135	The initial stages of Cr and Ti growth on SiO2(0001). *Surface Science*, **1999**, 424, 179-186	1.8	2
134	Nanofacet structures on the (110) surface of a perovskite material: STM studies and atomistic simulation of the (2) reconstruction of Na2/3WO3(110). *Surface Science*, **1999**, 424, 117-126	1.8	2
133	Orientation of 10,11-dihydrocinchonidine on Pt(111). *Surface Science*, **1999**, 436, L691-L696	1.8	70
132	NEXAFS study of CO adsorption on ZnO(0001)O and ZnO(0001)O/Cu. *Surface Science*, **1999**, 439, 131-138	1.8	26
131	Structures of FeTiO3 (0001) surfaces observed by scanning tunneling microscopy. *American Mineralogist*, **1999**, 84, 1384-1391	2.9	6
130	Performance of the VUV beamline 4.1 at the SRS, Daresbury Laboratory. *Journal of Synchrotron Radiation*, **1998**, 5, 569-71	2.4	1
129	Nanoscale Templating of One-Dimensional Surface Molecular Structures. *Physical Review Letters*, **1998**, 80, 988-990	7.4	26
128	Scanning tunnelling microscopy studies of Fe2O3(0001). *Surface Science*, **1998**, 397, 278-287	1.8	73
127	Core level studies of sodium tungsten bronze, Na0.64WO3(110) 3. *Surface Science*, **1998**, 402-404, 705-709	1.8	5
126	A HREELS study of the effect of Cu on the interaction of HCOOH with ZnO()-O. *Surface Science*, **1998**, 415, 122-130	1.8	30
125	Imaging the polar and non-polar surfaces of ZnO with STM. *Surface Science*, **1998**, 415, L1046-L1050	1.8	87

124	Probing molecular orientation in corrosion inhibition via a NEXAFS study of benzotriazole and related molecules on Cu(100). *Surface Science*, **1998**, 415, 423-432	1.8	49
123	The electronic structure of Si(100) 2 □1?Cl: reinterpreting ARP measurements. *Surface Science*, **1998**, 398, 301-307	1.8	7
122	k-dependent exchange splitting of empty bands in nickel. *Physical Review B*, **1998**, 57, 3491-3494	3.3	12
121	Added row model of TiO2(110)1□. *Physical Review B*, **1998**, 58, 1586-1589	3.3	121
120	Potassium-induced removal of the Ni(100)(2□)p4g□ reconstruction determined by surface x-ray diffraction. *Physical Review B*, **1998**, 58, 12659-12662	3.3	5
119	Bolt-on source of spin-polarized electrons for inverse photoemission. *Review of Scientific Instruments*, **1998**, 69, 2297-2304	1.7	10
118	In-plane magnetization of an ultrathin film of Fe3O4(111) grown epitaxially on Pt(111). *Physical Review B*, **1998**, 58, R11861-R11863	3.3	34
117	Scanning tunnelling microscopy studies of reactions on metal surfaces and model oxide supports. *Journal Physics D: Applied Physics*, **1997**, 30, 741-756	3	18
116	Biphase ordering on Fe3O4(111). *Physical Review B*, **1997**, 55, 15885-15894	3.3	83
115	Atomic-resolution STM of a system with strongly correlated electrons:NiO(001) surface structure and defect sites. *Physical Review B*, **1997**, 55, 7859-7863	3.3	75
114	Windows and photocathodes for a high resolution solid state bandpass ultraviolet photon detector for inverse photoemission. *Review of Scientific Instruments*, **1997**, 68, 41-46	1.7	28
113	2p resonant photoemission study of TiO2s. *Physical Review B*, **1997**, 55, 9520-9523	3.3	40
112	Relaxation of TiO2(110)-(1□) Using Surface X-Ray Diffraction. *Physical Review Letters*, **1997**, 78, 495-498	7.4	281
111	Effect of multiple scattering on the S K-edge EXAFS of Ni(110)-c(2 □2)-S. *Surface Science*, **1997**, 380, L463-L468	1.8	4
110	STM study of Pd growth on TiO2(100)-(1 □3). *Surface Science*, **1997**, 380, L455-L458	1.8	27
109	HREELS study of the interaction of formic acid with ZnO(101 0) and ZnO(0001)-O. *Surface Science*, **1997**, 382, 19-25	1.8	58
108	A LEED study of the FeTiO3(0001) surface following annealing in O2 partial pressures. *Surface Science*, **1997**, 383, 50-56	1.8	10
107	The atomic and electronic structure of the (001) surface of monoclinic pyrrhotite (Fe7S8) as studied using STM, LEED and quantum mechanical calculations. *Surface Science*, **1997**, 389, 66-87	1.8	34

106	Electronic structure of Pt overlayers on (1 □) reconstructed TiO2(100) surfaces. *Surface Science*, **1997**, 391, 196-203	1.8	24
105	X-ray and electron beam modification of thiophene overlayers on TiO2(100)1 □1 and 1 □. *Surface Science*, **1997**, 390, 256-260	1.8	23
104	Coverage-dependent azimuthal alignment of SO2 on Ag(110). *Surface Science*, **1996**, 364, L519-L524	1.8	19
103	NEXAFS studies of the reaction of SO2 with TiO2(100)-(1 □1) and -(1 □). *Surface Science*, **1996**, 366, 519-530	1.8	26
102	Templating a face-centered cubic (110) termination of C60. *Surface Science*, **1996**, 367, L79-L84	1.8	12
101	Structures of Fe3O4 (111) surfaces observed by scanning tunneling microscopy. *Physical Review B*, **1996**, 53, 10244-10253	3.3	108
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