Edvin Lundgren

List of Publications by Year
in descending order

289	11,344	20817 60	43889 91
papers	citations	h-index	g-index

295	295	295	8491
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Atomic-Scale Structure and Catalytic Reactivity of the RuO2(110) Surface. Science, 2000, 287, 1474-1476.	12.6	829
2	Two-Dimensional Oxide on Pd(111). Physical Review Letters, 2002, 88, 246103.	7.8	267
3	Kinetic Hindrance during the Initial Oxidation of Pd(100) at Ambient Pressures. Physical Review Letters, 2004, 92, 046101.	7.8	209
4	Surface core-level shifts of some 4d-metal single-crystal surfaces: Experiments andabinitiocalculations. Physical Review B, 1994, 50, 17525-17533.	3.2	201
5	The Pd()â€“R27Â°-O surface oxide revisited. Surface Science, 2003, 541, 101-112.	1.9	201
6	Self-Limited Growth of a Thin Oxide Layer on Rh(111). Physical Review Letters, 2004, 92, 126102.	7.8	198
7	The Active Phase of Palladium during Methane Oxidation. Journal of Physical Chemistry Letters, 2012, 3, 678-682.	4.6	183
8	The thickness of native oxides on aluminum alloys and single crystals. Applied Surface Science, 2015, 349, 826-832.	6.1	174
9	High-Energy Surface X-ray Diffraction for Fast Surface Structure Determination. Science, 2014, 343, 758-761.	12.6	144
10	Structure ofAg(111)â^'p(4Ã—4)â^'O: No Silver Oxide. Physical Review Letters, 2006, 96, 146102.	7.8	141
11	Influence of chemical interaction at the lattice-mismatchedhâ^'BNâ^•Rh(111)andhâ^'BNâ^•Pt(111)interfaces on the overlayer morphology. Physical Review B, 2007, 75, .	3.2	139
12	One-DimensionalPtO2at Pt Steps: Formation and Reaction with CO. Physical Review Letters, 2005, 95, 256102.	7.8	131
13	Adsorption Sites and Ligand Effect for CO on an Alloy Surface: A Direct View. Physical Review Letters, 2001, 87, 036103.	7.8	129
14	Impact of Atomic Oxygen on the Structure of Graphene Formed on Ir(111) and Pt(111). Journal of Physical Chemistry C, 2011, 115, 9568-9577.	3.1	125
15	Stable Deacon Process for HCl Oxidation over RuO₂. Angewandte Chemie - International Edition, 2008, 47, 2131-2134.	13.8	123
16	Intermixing in the Na on Al(111) system. Physical Review Letters, 1992, 68, 94-97.	7.8	118
17	Alkali metal adsorption on Al(111). Surface Science, 1993, 289, 307-334.	1.9	111
18	Surface oxides on close-packed surfaces of late transition metals. Journal of Physics Condensed Matter, 2006, 18, R481-R499.	1.8	107

#	Article	IF	Citations
19	InÂSituX-Ray Photoelectron Spectroscopy of Model Catalysts: At the Edge of the Gap. Physical Review Letters, 2013, 110, 117601.	7.8	107
20	Surface structure and reactivity of Pd(100) during CO oxidation near ambient pressures. Physical Chemistry Chemical Physics, 2011, 13, 13167.	2.8	104
21	Thin films of Co on Pt(111): Strain relaxation and growth. Physical Review B, 2000, 62, 2843-2851.	3.2	103
22	Surface x-ray diffraction fromCo/Pt(111)ultrathin films and alloys: Structure and magnetism. Physical Review B, 1997, 56, 9848-9857.	3.2	101
23	Structure of a thin oxide film on Rh(100). Physical Review B, 2005, 71, .	3.2	101
24	Chemistry of Supported Palladium Nanoparticles during Methane Oxidation. ACS Catalysis, 2015, 5, 2481-2489.	11.2	98
25	The surface oxide: A LEED, DFT and STM study. Surface Science, 2007, 601, 1574-1581.	1.9	96
26	On the adsorption sites for CO on the Rh(111) single crystal surface. Surface Science, 1997, 371, 381-389.	1.9	94
27	A single h-BN layer on Pt(111). Surface Science, 2008, 602, 1722-1726.	1.9	94
28	Understanding the Structural Deactivation of Ruthenium Catalysts on an Atomic Scale under both Oxidizing and Reducing Conditions. Angewandte Chemie - International Edition, 2005, 44, 917-920.	13.8	91
29	Ru(0001) Model Catalyst under Oxidizing and Reducing Reaction Conditions:Â In-Situ High-Pressure Surface X-ray Diffraction Study. Journal of Physical Chemistry B, 2005, 109, 21825-21830.	2.6	89
30	Epitaxial Growth of Indium Arsenide Nanowires on Silicon Using Nucleation Templates Formed by Self-Assembled Organic Coatings. Advanced Materials, 2007, 19, 1801-1806.	21.0	89
31	Complex Interaction of Hydrogen with the RuO2(110) Surface. Journal of Physical Chemistry C, 2007, 111, 5363-5373.	3.1	88
32	Catalytic Activity of the Rh Surface Oxide: CO Oxidation over Rh(111) under Realistic Conditions. Journal of Physical Chemistry C, 2010, 114, 4580-4583.	3.1	88
33	Sensitivity of catalysis to surface structure: The example of CO oxidation on Rh under realistic conditions. Physical Review B, 2008, 78, .	3.2	86
34	Coverage- and temperature-dependent site occupancy of carbon monoxide on Rh(111) studied by high-resolution core-level photoemission. Surface Science, 1998, 396, 117-136.	1.9	84
35	X-ray investigation of subsurface interstitial oxygen at Nb/oxide interfaces. Applied Physics Letters, 2008, 92, .	3.3	84
36	Direct imaging of the atomic structure inside a nanowire by scanning tunnelling microscopy. Nature Materials, 2004, 3, 519-523.	27.5	79

#	Article	IF	Citations
37	Oxidation and reduction of Pd(100) and aerosol-deposited Pd nanoparticles. Physical Review B, 2011, 83, .	3.2	79
38	Intrinsic Ligand Effect Governing the Catalytic Activity of Pd Oxide Thin Films. ACS Catalysis, 2014, 4, 3330-3334.	11.2	79
39	Electronic and Structural Differences between Wurtzite and Zinc Blende InAs Nanowire Surfaces: Experiment and Theory. ACS Nano, 2014, 8, 12346-12355.	14.6	78
40	Photoemission electron microscopy using extreme ultraviolet attosecond pulse trains. Review of Scientific Instruments, 2009, 80, 123703.	1.3	73
41	On the origin of the Ru-3d5/2 satellite feature from RuO2(). Surface Science, 2002, 504, L196-L200.	1.9	72
42	Adsorption and Activation of CO on Co₃O₄(111) Thin Films. Journal of Physical Chemistry C, 2015, 119, 16688-16699.	3.1	72
43	Oxygen-induced step bunching and faceting of Rh(553): Experiment andab initiocalculations. Physical Review B, 2006, 74, .	3.2	71
44	Structure and catalytic reactivity of Rh oxides. Catalysis Today, 2009, 145, 227-235.	4.4	71
45	Three surface-shifted core levels on Be(0001). Physical Review Letters, 1993, 71, 2453-2456.	7.8	70
46	Structure of Al(111)-(âˆš3 Ã— âˆš3)R30Â°-Na: A LEED study. Physical Review B, 1994, 50, 4718-4724.	3.2	70
47	Oxidation of Pd(553): From ultrahigh vacuum to atmospheric pressure. Physical Review B, 2007, 76, .	3.2	70
48	Steps Control the Dissociation of CO₂ on Cu(100). Journal of the American Chemical Society, 2018, 140, 12974-12979.	13.7	70
49	CO Adsorption on Clean and Oxidized Pd(111). Journal of Physical Chemistry C, 2014, 118, 1118-1128.	3.1	69
50	The Role of Oxides in Catalytic CO Oxidation over Rhodium and Palladium. ACS Catalysis, 2018, 8, 4438-4445.	11.2	69
51	Reaction Mechanism of the Oxidation of HCl over RuO₂(110). Journal of Physical Chemistry C, 2008, 112, 9966-9969.	3.1	68
52	Experimental and simulated STM images of stoichiometric and partially reduced RuO2() surfaces including adsorbates. Surface Science, 2002, 515, 143-156.	1.9	67
53	Visualization of Atomic Processes on Ruthenium Dioxide using Scanning Tunneling Microscopy. ChemPhysChem, 2004, 5, 167-174.	2.1	67
54	Ordering of the Nanoscale Step Morphology As a Mechanism for Droplet Self-Propulsion. Nano Letters, 2009, 9, 2710-2714.	9.1	66

#	Article	IF	Citations
55	One-Dimensional Corrugation of the h-BN Monolayer on Fe(110). Langmuir, 2012, 28, 1775-1781.	3.5	66
56	Direct Imaging of Atomic Scale Structure and Electronic Properties of GaAs Wurtzite and Zinc Blende Nanowire Surfaces. Nano Letters, 2013, 13, 4492-4498.	9.1	63
57	Enhanced surface vibrations and reconstruction of the Al(111) surface induced by Rb adsorption. Physical Review Letters, 1994, 72, 3370-3373.	7.8	62
58	The surface oxide as a source of oxygen on Rh(1â€‰1â€‰1). Journal of Electron Spectroscopy and Related Phenomena, 2005, 144-147, 367-372.	1.7	62
59	Bulk and surface characterization of In<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>2</mml:mn></mml:msub></mml:math>O<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>3</mml:mn></mml:msub></mml:math>(001) single crystals. Physical Review B, 2012, 85, .	3.2	62
60	Spectroscopic characterization of catalytically active surface sites of a metallic oxide. Chemical Physics Letters, 2001, 342, 467-472.	2.6	61
61	CO adsorption on Au(310) and Au(321): 6-Fold coordinated gold atoms. Surface Science, 2009, 603, 2152-2157.	1.9	61
62	Oxygen-induced surface phase transformation of Pd(1 1 1): sticking, adsorption and desorption kinetics. Surface Science, 2001, 482-485, 237-242.	1.9	60
63	Direct Imaging of Catalytically Important Processes in the Oxidation of CO over RuO2(110). Journal of the American Chemical Society, 2001, 123, 11807-11808.	13.7	59
64	Direct Atomic Scale Imaging of IIIâˆ’V Nanowire Surfaces. Nano Letters, 2008, 8, 3978-3982.	9.1	59
65	CO Adsorption on a Au/CeO₂ (111) Model Catalyst. Journal of Physical Chemistry C, 2008, 112, 6900-6906.	3.1	58
66	Changes in the local surface geometry with conserved adsorbate coverage and long-range order caused by annealing. Physical Review B, 1992, 46, 12784-12787.	3.2	54
67	In situ studies of the oxidation of HCl over RuO2 model catalysts: Stability and reactivity. Journal of Catalysis, 2010, 272, 169-175.	6.2	54
68	Comment on â€œCO Oxidation on Pt-Group Metals from Ultrahigh Vacuum to Near Atmospheric Pressures. 2. Palladium and Platinumâ€• Journal of Physical Chemistry C, 2010, 114, 6875-6876.	3.1	54
69	GaAs/AlGaAs Nanowire Heterostructures Studied by Scanning Tunneling Microscopy. Nano Letters, 2007, 7, 2859-2864.	9.1	53
70	In situ structureâ€“activity correlation experiments of the ruthenium catalyzed CO oxidation reaction. Catalysis Today, 2009, 145, 236-242.	4.4	52
71	Formation and Structural Analysis of a Surface Alloy: Al(111)-(2 Ã— 2)-Na. Physical Review Letters, 1995, 74, 1617-1620.	7.8	51
72	Influence of Oxygen Vacancies on the Properties of Ceria-Supported Gold. Journal of Physical Chemistry C, 2009, 113, 724-728.	3.1	51

#	Article	IF	Citations
73	Step-Orientation-Dependent Oxidation: From 1D to 2D Oxides. Physical Review Letters, 2008, 101, 266104.	7.8	49
74	A surface x-ray study of the structure and morphology of the oxidized Pd(001) surface. Journal of Chemical Physics, 2005, 122, 044706.	3.0	48
75	X-ray photoemission analysis of clean and carbon monoxide-chemisorbed platinum(111) stepped surfaces using a curved crystal. Nature Communications, 2015, 6, 8903.	12.8	48
76	Structure and reactivity of a model catalyst alloy under realistic conditions. Journal of Physics Condensed Matter, 2008, 20, 184018.	1.8	47
77	Reversible formation of a PdCx phase in Pd nanoparticles upon CO and O2 exposure. Physical Chemistry Chemical Physics, 2012, 14, 4796.	2.8	47
78	High-Coverage Oxygen Structures on Rh(111): Adsorbate Repulsion and Site Preference Is Not Enough. Physical Review Letters, 2004, 93, 266103.	7.8	46
79	High-Coverage Oxygen-Induced Surface Structures on Ag(111). Journal of Physical Chemistry C, 2014, 118, 15324-15331.	3.1	46
80	Observation of a low-binding-energy peak in the 2pcore-level photoemission from oxidized Al(111). Physical Review B, 1993, 47, 13063-13066.	3.2	45
81	Surface and subsurface alloy formation of vanadium on Pd(111). Surface Science, 2000, 463, 199-210.	1.9	45
82	Stable Cation Inversion at the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>MgAl</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">O</mml:mi><mml:mn>4</mml:mn></mml:msub><mml:mo stretchy="false">(</mml:mo><mml:mn>100</mml:mn><mml:mo) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 367 Td (stretchy="false">)</mm	7.8	45
83	Potential-Induced Pitting Corrosion of an IrO₂(110)-RuO₂(110)/Ru(0001) Model Electrode under Oxygen Evolution Reaction Conditions. ACS Catalysis, 2019, 9, 6530-6539.	11.2	43
84	Lack of surface oxide layers and facile bulk oxide formation on Pd(110). Physical Review B, 2009, 80, .	3.2	41
85	Direct comparison of the reactivity of the non-oxidic phase of Ru(0001) and the RuO2 phase in the CO oxidation reaction. Surface Science, 2009, 603, 298-303.	1.9	41
86	Evidence for the Active Phase of Heterogeneous Catalysts through In Situ Reaction Product Imaging and Multiscale Modeling. ACS Catalysis, 2015, 5, 4514-4518.	11.2	41
87	Transient Structures of PdO during CO Oxidation over Pd(100). Journal of Physical Chemistry C, 2015, 119, 15469-15476.	3.1	41
88	Spatially and temporally resolved gas distributions around heterogeneous catalysts using infrared planar laser-induced fluorescence. Nature Communications, 2015, 6, 7076.	12.8	41
89	Novel in Situ Techniques for Studies of Model Catalysts. Accounts of Chemical Research, 2017, 50, 2326-2333.	15.6	39
90	Magnetic anisotropy of ultrathin cobalt films on Pt(111) investigated with x-ray diffraction:â€ƒEffect of atomic mixing at the interface. Physical Review B, 2002, 65, .	3.2	38

#	Article	IF	Citations
91	Understanding the Intrinsic Surface Reactivity of Single-Layer and Multilayer PdO(101) on Pd(100). ACS Catalysis, 2018, 8, 8553-8567.	11.2	38
92	Surface Chemistry, Structure, and Electronic Properties from Microns to the Atomic Scale of Axially Doped Semiconductor Nanowires. ACS Nano, 2012, 6, 9679-9689.	14.6	37
93	Strain Dependent Light-off Temperature in Catalysis Revealed by Planar Laser-Induced Fluorescence. ACS Catalysis, 2017, 7, 110-114.	11.2	36
94	Redefining passivity breakdown of super duplex stainless steel by electrochemical operando synchrotron near surface X-ray analyses. Npj Materials Degradation, 2019, 3, .	5.8	36
95	Surface x-ray-diffraction study of theRh(111)+(2Ã—2)â^'3COstructure. Physical Review B, 1999, 59, 5876-5880.	3.2	35
96	An atomic-scale study of the Co induced dendrite formation on Pt(111). Surface Science, 1999, 423, 357-363.	1.9	35
97	Interaction of H2, CO and O2 with a vanadium (111) surface. Surface Science, 2000, 447, 245-258.	1.9	35
98	Unusual Process of Water Formation on RuO2(110) by Hydrogen Exposure at Room Temperature. Journal of Physical Chemistry B, 2006, 110, 14007-14010.	2.6	35
99	Improving InAs nanotree growth with composition-controlled Auâ€“In nanoparticles. Nanotechnology, 2006, 17, 1344-1350.	2.6	35
100	Anin situset up for the detection of CO2from catalytic CO oxidation by using planar laser-induced fluorescence. Review of Scientific Instruments, 2012, 83, 053104.	1.3	35
101	In Situ Investigations of Chemical Reactions on Surfaces by X-Ray Diffraction at Atomospheric Pressures. MRS Bulletin, 2007, 32, 1010-1014.	3.5	34
102	Mechanism for reversed photoemission core-level shifts of oxidized Ag. Physical Review B, 2012, 85, .	3.2	34
103	Structure of the Rh2O3(0001) surface. Surface Science, 2012, 606, 1416-1421.	1.9	34
104	Surface composition of clean and oxidized Pd75Ag25(100) from photoelectron spectroscopy and density functional theory calculations. Surface Science, 2012, 606, 1777-1782.	1.9	34
105	Interlayer Diffusion of Adatoms: A Scanning-Tunneling Microscopy Study. Physical Review Letters, 1999, 82, 5068-5071.	7.8	33
106	Identification of Step Atoms by High Resolution Core Level Spectroscopy. Physical Review Letters, 2003, 91, 056102.	7.8	33
107	Growth and Reactivity of Titanium Oxide Ultrathin Films on Ni(110). Journal of Physical Chemistry C, 2007, 111, 7704-7710.	3.1	33
108	Thickness and composition of native oxides and near-surface regions of Ni superalloys. Journal of Alloys and Compounds, 2022, 895, 162657.	5.5	33

#	Article	IF	Citations
109	Layer dependent core level binding energy shifts: Na, K, Rb and Cs on Al(111). Surface Science, 1993, 281, 83-90.	1.9	32
110	The influence of lysine on InP(001) surface ordering and nanowire growth. Nanotechnology, 2005, 16, 2354-2359.	2.6	32
111	Generation of Pd Model Catalyst Nanoparticles by Spark Discharge. Journal of Physical Chemistry C, 2010, 114, 9257-9263.	3.1	32
112	Local Density of States and Interface Effects in Semimetallic ErAs Nanoparticles Embedded in GaAs. Physical Review Letters, 2011, 107, 036806.	7.8	32
113	Quantitative surface structure determination using in situ high-energy SXRD: Surface oxide formation on Pd(100) during catalytic CO oxidation. Surface Science, 2014, 630, 229-235.	1.9	32
114	Growth of Ultrathin Iron Oxide Films on Ag(100). Journal of Physical Chemistry C, 2015, 119, 2572-2582.	3.1	32
115	In-situ synchrotron GIXRD study of passive film evolution on duplex stainless steel in corrosive environment. Corrosion Science, 2018, 141, 18-21.	6.6	32
116	Stressing Pd atoms: Initial oxidation of the Pd(110) surface. Surface Science, 2008, 602, 2440-2447.	1.9	31
117	Impact of Oxygen Coadsorption on Intercalation of Cobalt under the h-BN Nanomesh. Nano Letters, 2009, 9, 2780-2787.	9.1	30
118	2D and 3D imaging of the gas phase close to an operating model catalyst by planar laser induced fluorescence. Journal of Physics Condensed Matter, 2016, 28, 453002.	1.8	30
119	Effects of non-local exchange on core level shifts for gas-phase and adsorbed molecules. Journal of Chemical Physics, 2014, 141, 034706.	3.0	29
120	Surface core-level shift of the Mo(110) surface. Physical Review B, 1993, 48, 5525-5529.	3.2	28
121	Determination of scaling exponents in Ag(100) homoepitaxy with x-ray diffraction profiles. Physical Review B, 1998, 57, 6325-6328.	3.2	28
122	Dynamic response of chlorine atoms on a RuO2(110) model catalyst surface. Physical Chemistry Chemical Physics, 2010, 12, 15358.	2.8	28
123	Kinetics of the Reduction of the Rh(111) Surface Oxide:Â Linking Spectroscopy and Atomic-Scale Information. Journal of Physical Chemistry B, 2006, 110, 9966-9975.	2.6	27
124	Segregation and ordering at Fe1âˆ’xAlx(100) surfaces â€“ a model case for binary alloys. Surface Science, 2001, 474, 81-97.	1.9	26
125	Real-Time Gas-Phase Imaging over a Pd(110) Catalyst during CO Oxidation by Means of Planar Laser-Induced Fluorescence. ACS Catalysis, 2015, 5, 2028-2034.	11.2	26
126	Structure of the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mrow><mml:msub><mml:mrow><mml:mi>SnO</mml:mi></mml:mrow><mml:mrow><mml:mn>2<stretchy="false">(</mml:mo><mml:mn>110</mml:mn><mml:mo) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 67 Td (stretchy="false">)</mml stretchy="false">(</mml:mo><mml:mn>4</mml:mn><mml:mo>Ã—</mml:mo><mml:mn>1</mml:mn><mml:mo) Tj ETQq0 0 0 rgBT /Ov 0961	7.8	26

#	Article	IF	Citations
127	CO dissociation on Mo(110) studied by high-resolution core-level spectroscopy. Surface Science, 2001, 492, 185-194.	1.9	25
128	Hydrogen-Promoted Chlorination of RuO₂(110). Journal of Physical Chemistry C, 2010, 114, 10901-10909.	3.1	25
129	Dissociative Adsorption of Hydrogen on PdO(101) Studied by HRCLS and DFT. Journal of Physical Chemistry C, 2013, 117, 13510-13519.	3.1	25
130	Diatomic Steps in Pt(997) Surfaces Are Better Catalysts than Monatomic Steps for the CO Oxidation Reaction near Atmospheric Pressure. ACS Catalysis, 2016, 6, 1285-1291.	11.2	25
131	Catalytic Oxidation of Carbon Monoxide on a Curved Pd Crystal: Spatial Variation of Active and Poisoning Phases in Stationary Conditions. Journal of the American Chemical Society, 2018, 140, 16245-16252.	13.7	24
132	Geometry of the Valence Transition Induced Surface Reconstruction of Sm(0001). Physical Review Letters, 2002, 88, 136102.	7.8	23
133	Complex surface reconstructions solved by ab initio molecular dynamics. Applied Physics A: Materials Science and Processing, 2003, 76, 701-710.	2.3	23
134	Step enhanced dehydrogenation of ethanol on Rh. Surface Science, 2008, 602, 3057-3063.	1.9	23
135	Atomic Scale Surface Structure and Morphology of InAs Nanowire Crystal Superlattices: The Effect of Epitaxial Overgrowth. ACS Applied Materials & Interfaces, 2015, 7, 5748-5755.	8.0	23
136	Visualization of Gas Distribution in a Model AP-XPS Reactor by PLIF: CO Oxidation over a Pd(100) Catalyst. Catalysts, 2017, 7, 29.	3.5	23
137	Cross-sectional scanning tunneling microscopy studies of novel IIIâ€“V semiconductor structures. Progress in Surface Science, 2005, 80, 1-25.	8.3	22
138	A high pressure X-ray photoelectron spectroscopy study of oxidation and reduction of Rh(100) and Rh nanoparticles. Surface Science, 2014, 628, 153-158.	1.9	22
139	Observation of Pore Growth and Self-Organization in Anodic Alumina by Time-Resolved X-ray Scattering. ACS Applied Nano Materials, 2018, 1, 1265-1271.	5.0	22
140	Characterization of Native Oxide and Passive Film on Austenite/Ferrite Phases of Duplex Stainless Steel Using Synchrotron HAXPEEM. Journal of the Electrochemical Society, 2019, 166, C3336-C3340.	2.9	22
141	Thermal Stability of Single-Crystalline IrO₂(110) Layers: Spectroscopic and Adsorption Studies. Journal of Physical Chemistry C, 2020, 124, 15324-15336.	3.1	22
142	Lateral variation of the native passive film on super duplex stainless steel resolved by synchrotron hard X-ray photoelectron emission microscopy. Corrosion Science, 2020, 174, 108841.	6.6	22
143	High-energy x-ray diffraction from surfaces and nanoparticles. Physical Review B, 2017, 96, .	3.2	22
144	THE SURFACE STRUCTURES OF Pd(100)-(1Ã—1) AND c(2Ã—2)-K. Surface Review and Letters, 1996, 03, 1339-1343.	1.1	21

#	Article	IF	Citations
145	Reaction mechanism of ammonia oxidation over RuO2(110): A combined theory/experiment approach. Surface Science, 2009, 603, L113-L116.	1.9	21
146	Surface structure and morphology of InAs(111)B with/without gold nanoparticles annealed under arsenic or atomic hydrogen flux. Surface Science, 2010, 604, 354-360.	1.9	21
147	Comparison of AP-XPS and PLIF Measurements During CO Oxidation Over Pd Single Crystals. Topics in Catalysis, 2016, 59, 478-486.	2.8	21
148	Anodization of Al(100), Al(111) and Al Alloy 6063 studied in situ with X-ray reflectivity and electrochemical impedance spectroscopy. Journal of Electroanalytical Chemistry, 2017, 799, 556-562.	3.8	21
149	Adsorption of NO on Fe3O4(111). Chemical Physics Letters, 2018, 693, 84-87.	2.6	21
150	Ultrathin Films of Co on Pt(111): an STM View. Physica Status Solidi A, 2001, 187, 97-112.	1.7	20
151	Defect structure ofGa1â^'xMnxAs: A cross-sectional scanning tunneling microscopy study. Physical Review B, 2004, 70, .	3.2	20
152	Density of Configurational States from First-Principles Calculations: The Phase Diagram of Al-Na Surface Alloys. ChemPhysChem, 2005, 6, 1923-1928.	2.1	20
153	Au wetting and nanoparticle stability on GaAs(111)B. Applied Physics Letters, 2006, 89, 251912.	3.3	20
154	Carbonate formation on<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>p</mml:mi><mml:mo>(</mml:mo><mml:mn>4</mml:mn><mml:mo>Ã—</mml:mo><mml:mn>4 Physical Review B, 2011, 84, .	3.2	20
155	Simultaneous Imaging of Gas Phase over and Surface Reflectance of a Pd(100) Single Crystal during CO Oxidation. Journal of Physical Chemistry C, 2017, 121, 23511-23519.	3.1	20
156	Combining high-energy X-ray diffraction with Surface Optical Reflectance and Planar Laser Induced Fluorescence for operando catalyst surface characterization. Review of Scientific Instruments, 2019, 90, 033703.	1.3	20
157	Nanowire growth and dopants studied by cross-sectional scanning tunnelling microscopy. Nanotechnology, 2006, 17, S362-S368.	2.6	19
158	High-resolution core-level spectroscopy study of the ultrathin aluminum oxide film on NiAl(110). Physical Review B, 2011, 83, .	3.2	19
159	Reduction behavior of oxidized Pd(100) and Pd75Ag25(100) surfaces using CO. Surface Science, 2014, 621, 31-39.	1.9	19
160	Integration of electrochemical and synchrotron-based X-ray techniques for in-situ investigation of aluminum anodization. Electrochimica Acta, 2017, 241, 299-308.	5.2	19
161	A convenient setup for laser-induced fluorescence imaging of both CO and CO2 during catalytic CO oxidation. Applied Physics B: Lasers and Optics, 2017, 123, 1.	2.2	19
162	Reversible Modification of the Structural and Electronic Properties of a Boron Nitride Monolayer by CO Intercalation. ChemPhysChem, 2015, 16, 923-927.	2.1	18

#	Article	IF	Citations
163	Recent advances in surface x-ray diffraction and the potential for determining structure-sensitivity relations in single-crystal electrocatalysis. Current Opinion in Electrochemistry, 2020, 23, 162-173.	4.8	18
164	Polarisation-dependent X-ray absorption in high- and low-Tc Bi2Sr2Canâ^'1CunO4+2n superconductors. Physica C: Superconductivity and Its Applications, 1993, 214, 119-126.	1.2	17
165	Core-level shifts on Be(101Â¯0). Physical Review B, 1994, 49, 17460-17463.	3.2	17
166	Co on Mo(110) studied by scanning tunneling microscopy. Surface Science, 2004, 557, 109-118.	1.9	17
167	In situ anodization of aluminum surfaces studied by x-ray reflectivity and electrochemical impedance spectroscopy. Journal of Applied Physics, 2014, 116, .	2.5	17
168	Self-organization of porous anodic alumina films studied in situ by grazing-incidence transmission small-angle X-ray scattering. RSC Advances, 2018, 8, 18980-18991.	3.6	17
169	Influence of Surface Strain on Passive Film Formation of Duplex Stainless Steel and Its Degradation in Corrosive Environment. Journal of the Electrochemical Society, 2019, 166, C3071-C3080.	2.9	17
170	An electrochemical cell for 2-dimensional surface optical reflectance during anodization and cyclic voltammetry. Review of Scientific Instruments, 2020, 91, 044101.	1.3	17
171	Operando Stability Studies of Ultrathin Single-Crystalline IrO₂(110) Films under Acidic Oxygen Evolution Reaction Conditions. ACS Catalysis, 2021, 11, 12651-12660.	11.2	17
172	Alkali core-level binding-energy shifts in alkali/4d-metal interface systems. Physical Review B, 1994, 50, 4711-4717.	3.2	16
173	Na and K on Al(100) studied by low-energy electron diffraction and high-resolution core-level spectroscopy. Surface Science, 1997, 370, 311-323.	1.9	16
174	Surface core level shift observed on NiAl(1 1 0). Surface Science, 2003, 529, L263-L268.	1.9	16
175	Oxygen interaction with the Pd(112) surface: From chemisorption to bulk oxide formation. Physical Review B, 2012, 86, .	3.2	16
176	Tuning the Reactivity of Ultrathin Oxides: NO Adsorption on Monolayer FeO(111). Angewandte Chemie - International Edition, 2016, 55, 9267-9271.	13.8	16
177	A misfit structure in the Co/Pt() system studied by scanning tunnelling microscopy and embedded atom method calculations. Surface Science, 2002, 498, 257-265.	1.9	15
178	Stacked InAs quantum dots in InP studied by cross-sectional scanning tunnelling microscopy. Nanotechnology, 2004, 15, 1701-1707.	2.6	15
179	Generation of surface steps on Pt(977) induced by the catalytic oxidation of CO. Journal of Catalysis, 2014, 309, 33-37.	6.2	15
180	Electronic Structure Changes Due to Crystal Phase Switching at the Atomic Scale Limit. ACS Nano, 2017, 11, 10519-10528.	14.6	15

#	Article	IF	Citations
181	Surface optical reflectance combined with x-ray techniques during gas-surface interactions. Journal Physics D: Applied Physics, 2020, 53, 224001.	2.8	15
182	The Structure of the Active Pd State During Catalytic Carbon Monoxide Oxidization. Journal of Physical Chemistry Letters, 2021, 12, 4461-4465.	4.6	15
183	Structure of an Ultrathin Oxide on Pt₃Sn(111) Solved by Machine Learning Enhanced Global Optimization**. Angewandte Chemie - International Edition, 2022, 61, .	13.8	15
184	Acetate formation during the ethanol oxidation on Rh(111). Surface Science, 2006, 600, 5136-5141.	1.9	14
185	In situ gasâ€“surface interactions: approaching realistic conditions. Journal of Physics Condensed Matter, 2008, 20, 180302.	1.8	14
186	Reply to â€œComment on â€˜Catalytic Activity of the Rh Surface Oxide: CO Oxidation over Rh(111) under Realistic Conditionsâ€â€™. Journal of Physical Chemistry C, 2010, 114, 22372-22373.	3.1	14
187	Surface science of free standing semiconductor nanowires. Surface Science, 2013, 607, 97-105.	1.9	14
188	Step dynamics and oxide formation during CO oxidation over a vicinal Pd surface. Physical Chemistry Chemical Physics, 2016, 18, 20312-20320.	2.8	14
189	High-Resolution X-ray Photoelectron Spectroscopy of an IrO₂(110) Film on Ir(100). Journal of Physical Chemistry Letters, 2020, 11, 7184-7189.	4.6	14
190	Metastable precursor structures in hydrogen-infused super duplex stainless steel microstructure â€“ An operando diffraction experiment. Corrosion Science, 2020, 176, 109021.	6.6	14
191	Operando Reflectance Microscopy on Polycrystalline Surfaces in Thermal Catalysis, Electrocatalysis, and Corrosion. ACS Applied Materials & Interfaces, 2021, 13, 19530-19540.	8.0	14
192	Bridging the Pressure Gap in CO Oxidation. ACS Catalysis, 2021, 11, 9128-9135.	11.2	14
193	Adatom interlayer diffusion on Pt(111): an embedded atom method study. Surface Science, 2001, 490, 29-42.	1.9	13
194	Manipulating the Dynamics of Self-Propelled Gallium Droplets by Gold Nanoparticles and Nanoscale Surface Morphology. ACS Nano, 2015, 9, 5422-5431.	14.6	13
195	Catalytic Oxidation of CO on a Curved Pt(111) Surface: Simultaneous Ignition at All Facets through a Transient COâ€O Complex**. Angewandte Chemie - International Edition, 2020, 59, 20037-20043.	13.8	13
196	CO Chemisorption on Vicinal Rh(111) Surfaces Studied with a Curved Crystal. Journal of Physical Chemistry C, 2020, 124, 9305-9313.	3.1	13
197	Surface morphology of Au-free grown nanowires after native oxide removal. Nanoscale, 2015, 7, 9998-10004.	5.6	12
198	The State of Electrodeposited Sn Nanopillars within Porous Anodic Alumina from in Situ X-ray Observations. ACS Applied Nano Materials, 2019, 2, 3031-3038.	5.0	12

#	Article	IF	Citations
199	Resonant valence-band and Cu 3pphotoemission at the CuL3threshold ofBi2Sr2CuO6andBi2Sr2CaCu2O8. Physical Review B, 1995, 51, 410-416.	3.2	11
200	Effect of a surfactant in homoepitaxial growth of Ag (001): dendritic versus faceted island morphologies. Surface Science, 2000, 464, 165-175.	1.9	11
201	Methanol Adsorption and Oxidation on Reduced and Oxidized TbO_x(111) Surfaces. Journal of Physical Chemistry C, 2016, 120, 28617-28629.	3.1	11
202	Adsorption of NO on FeO_x Films Grown on Ag(111). Journal of Physical Chemistry C, 2016, 120, 9282-9291.	3.1	11
203	The influence of incommensurability on the long-range periodicity of the Pd(100)-(<mml:math) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Surface Science, 2017, 660, 1-8.	1.9	11
204	High energy surface x-ray diffraction applied to model catalyst surfaces at work. Journal of Physics Condensed Matter, 2021, 33, 073001.	1.8	11
205	Electrochemical Fabrication and Characterization of Palladium Nanowires in Nanoporous Alumina Templates. Journal of the Electrochemical Society, 2020, 167, 122514.	2.9	11
206	Surface core level shift on Be(112Ì„0). Surface Science, 1994, 321, L219-L224.	1.9	10
207	Core-level satellite excitations of K/Al(100) and K/Al(111). Physical Review B, 1995, 52, 12366-12371.	3.2	10
208	Co/Pt(110) interface: An x-ray-diffraction study. Physical Review B, 1999, 59, 2431-2435.	3.2	10
209	Exchange processes in interlayer diffusion â€“ kinks, corners and the growth mode. Applied Physics A: Materials Science and Processing, 2001, 72, 405-412.	2.3	10
210	Generation and oxidation of aerosol deposited PdAg nanoparticles. Surface Science, 2013, 616, 186-191.	1.9	10
211	Oxidation of Fe(110) in oxygen gas at 400 Â°C. Surface Science, 2016, 644, 172-179.	1.9	10
212	Co3O4(100) films grown on Ag(100): Structure and chemical properties. Surface Science, 2017, 657, 90-95.	1.9	10
213	Fe Oxides on Ag Surfaces: Structure and Reactivity. Topics in Catalysis, 2017, 60, 492-502.	2.8	10
214	Temperature characterization of an operando flow reactor for heterogeneous catalysis. Journal Physics D: Applied Physics, 2019, 52, 324003.	2.8	10
215	Operando time- and space-resolved high-energy X-ray diffraction measurement to understand hydrogen-microstructure interactions in duplex stainless steel. Corrosion Science, 2020, 175, 108899.	6.6	10
216	Structure of two-dimensional Fe3O4. Journal of Chemical Physics, 2020, 152, 114705.	3.0	10

#	Article	IF	Citations
217	X-ray-absorption and resonant-photoemission study of Ca in the high-temperature superconductorBi2Sr2CaCu2O8. Physical Review B, 1992, 46, 14126-14133.	3.2	9
218	A photoelectron spectroscopy and x-ray absorption study of single crystal with adsorbed Cs: on the origin of the states affected by electron doping and evidence for spatially resolved electron doping. Journal of Physics Condensed Matter, 1996, 8, 1307-1320.	1.8	9
219	Real time observation of ultrathin epitaxial oxide growth during alloy oxidation. New Journal of Physics, 2007, 9, 331-331.	2.9	9
220	Direct observation of atomic scale surface relaxation in ortho twin structures in GaAs by XSTM. Journal of Physics Condensed Matter, 2009, 21, 055404.	1.8	9
221	A high pressure x-ray photoelectron spectroscopy study of CO oxidation over Rh(100). Journal of Physics Condensed Matter, 2014, 26, 055003.	1.8	9
222	Correlation between stoichiometry and surface structure of the polar MgAl₂O₄(100) surface as a function of annealing temperature. Physical Chemistry Chemical Physics, 2015, 17, 5795-5804.	2.8	9
223	A well-ordered surface oxide on Fe(110). Surface Science, 2015, 639, 13-19.	1.9	9
224	Adsorption of hydrogen on stable and metastable Ir(100) surfaces. Surface Science, 2017, 656, 66-76.	1.9	9
225	In situ observation of synthesized nanoparticles in ultra-dilute aerosols via X-ray scattering. Nano Research, 2019, 12, 25-31.	10.4	9
226	Extraordinary Stability of IrO₂(110) Ultrathin Films Supported on TiO₂(110) under Cathodic Polarization. Journal of Physical Chemistry Letters, 2020, 11, 9057-9062.	4.6	9
227	Revisiting Optical Reflectance from Au(111) Electrode Surfaces with Combined High-Energy Surface X-ray Diffraction. Journal of the Electrochemical Society, 2021, 168, 096511.	2.9	9
228	Combining synchrotron light with laser technology in catalysis research. Journal of Synchrotron Radiation, 2018, 25, 1389-1394.	2.4	9
229	Structural Changes in Monolayer Cobalt Oxides under Ambient Pressure CO and O₂ Studied by In Situ Grazing-Incidence X-ray Absorption Fine Structure Spectroscopy. Journal of Physical Chemistry C, 2022, 126, 3411-3418.	3.1	9
230	On the temperature induced transformation between the two Al(111)â^'(â^š3 Ã— â^š3)R30Â°â^'Rb structures. Surface Science, 1995, 343, 37-43.	1.9	8
231	New Flexible Toolbox for Nanomechanical Measurements with Extreme Precision and at Very High Frequencies. Nano Letters, 2010, 10, 3893-3898.	9.1	8
232	Cross-sectional scanning tunneling microscopy and spectroscopy of semimetallic ErAs nanostructures embedded in GaAs. Journal of Vacuum Science and Technology B:Nanotechnology and Microelectronics, 2011, 29, .	1.2	8
233	Faceting of Rhodium(553) in Realistic Reaction Mixtures of Carbon Monoxide and Oxygen. Journal of Physical Chemistry C, 2015, 119, 11646-11652.	3.1	8
234	Redox behavior of iron at the surface of an O(100) single crystal studied by ambient-pressure photoelectron spectroscopy. Journal of Lithic Studies, 2017, 3, 95-103.	0.5	8

#	Article	IF	Citations
235	Observing growth under confinement: Sn nanopillars in porous alumina templates. Nanoscale Advances, 2019, 1, 4764-4771.	4.6	8
236	Core level binding energy shifts in interfaces between 4d and alkali metals. Journal of Electron Spectroscopy and Related Phenomena, 1995, 75, 225-232.	1.7	7
237	Magnetization of Pt in the Co/Pt(110) system investigated with surface x-ray magnetic diffraction: Evidence for in-plane magnetic anisotropy. Physical Review B, 1999, 60, 10193-10198.	3.2	7
238	The interaction of gas molecules at atmospheric pressures with surfaces investigated with surface X-ray diffraction. Surface Science, 2001, 482-485, 101-106.	1.9	7
239	Spontaneous InAs quantum dot nucleation at strained InP/GaInAs interfaces. Applied Physics Letters, 2003, 83, 4830-4832.	3.3	7
240	Mn diffusion in Ga1â^'xMnxAsâ•GaAs superlattices. Applied Physics Letters, 2004, 85, 4660-4662.	3.3	7
241	Surface-Sensitive X-ray Diffraction Across the Pressure Gap. Springer Series in Chemical Physics, 2017, , 59-87.	0.2	7
242	Ammonia Oxidation over a Pt₂₅Rh₇₅(001) Model Catalyst Surface: An Operando Study. Journal of Physical Chemistry C, 2020, 124, 22192-22199.	3.1	7
243	In situ scanning x-ray diffraction reveals strain variations in electrochemically grown nanowires. Journal Physics D: Applied Physics, 2021, 54, 235301.	2.8	7
244	Correlation lengths in stacked InAs quantum dot systems studied by cross-sectional scanning tunnelling microscopy. Nanotechnology, 2007, 18, 145403.	2.6	6
245	Quantitative powder diffraction using a (2â€…+â€…3) surface diffractometer and an area detector. Journal of Applied Crystallography, 2021, 54, 1140-1152.	4.5	6
246	Oxidation and Reduction of Ir(100) Studied by High-Energy Surface X-ray Diffraction. Journal of Physical Chemistry C, 2022, 126, 5244-5255.	3.1	6
247	Visualizing the Gas Diffusion Induced Ignition of a Catalytic Reaction. ACS Catalysis, 2022, 12, 6589-6595.	11.2	6
248	Measurement of the magnetism of a single atomic plane with X-ray diffraction. Physica B: Condensed Matter, 1998, 248, 9-13.	2.7	5
249	An ultrathin buried Si layer in GaAs studied by soft X-ray emission spectroscopy and surface X-ray diffraction: theory and experiment. Journal of Alloys and Compounds, 1999, 286, 31-36.	5.5	5
250	Oxygen-Stabilized Rh Adatoms: 0D Oxides on a Vicinal Surface. Journal of Physical Chemistry Letters, 2011, 2, 2747-2751.	4.6	5
251	The Rh(100)-(3 Ã— 1)-2O structure. Journal of Physics Condensed Matter, 2012, 24, 225006.	1.8	5
252	Facile NOx interconversion over preoxidized Ag(111). Surface Science, 2013, 617, 167-174.	1.9	5

#	Article	IF	Citations
253	H2 reduction of surface oxides on Pd-based membrane model systems â€“ The case of Pd(100) and Pd75Ag25(100). Applied Surface Science, 2014, 313, 794-803.	6.1	5
254	Surface development of an aluminum brazing sheet during heating studied by XPEEM and XPS. Materials Research Express, 2016, 3, 106506.	1.6	5
255	Combining Planar Laser-Induced Fluorescence with Stagnation Point Flows for Small Single-Crystal Model Catalysts: CO Oxidation on a Pd(100). Catalysts, 2019, 9, 484.	3.5	5
256	Templated electrodeposition as a scalable and surfactant-free approach to the synthesis of Au nanoparticles with tunable aspect ratios. Nanoscale Advances, 2022, 4, 2452-2467.	4.6	5
257	Alkali core level binding energy shifts from buried interfaces between alkali films and metallic substrates with different surface index. Vacuum, 1995, 46, 1159-1163.	3.5	4
258	Structure and formation of the Al()-R27Â°-Na phase: a LEED, DFT and HRCLS study. Surface Science, 2002, 515, 267-280.	1.9	4
259	Slowing down adatom diffusion by an adsorbate: Co on Pt(111) with and without preadsorbed CO. Physical Review B, 2003, 68, .	3.2	4
260	A study of the surface structure and composition of annealed Ga0.96Mn0.04As(1 0 0). Applied Surface Science, 2004, 222, 23-32.	6.1	4
261	Planar Laser Induced Fluorescence Applied to Catalysis. Springer Series in Chemical Physics, 2017, , 131-149.	0.2	4
262	Surface oxide development on aluminum alloy 6063 during heat treatment. Surface and Interface Analysis, 2019, 51, 1214-1224.	1.8	4
263	Infrared surface spectroscopy and surface optical reflectance for operando catalyst surface characterization. Applied Surface Science, 2022, 578, 152048.	6.1	4
264	Oxidation of a Platinumâ€“Tin Alloy Surface during Catalytic CO Oxidation. Journal of Physical Chemistry C, 0, , .	3.1	4
265	Structure of the cobalt-filled missing-row reconstruction of Pt(110). Physical Review B, 2004, 70, .	3.2	3
266	Density functional theory with hybrid functionals applied to defects in GaAs surfaces: Effect of doping. Physical Review B, 2008, 78, .	3.2	3
267	Toward a Silverâ€“Alumina Model System for NO_x Reduction Catalysis. Journal of Physical Chemistry C, 2014, 118, 24556-24561.	3.1	3
268	Non-intrusive detection of methanol in gas phase using infrared degenerate four-wave mixing. Applied Physics B: Lasers and Optics, 2015, 121, 123-130.	2.2	3
269	Reduced Carbon Monoxide Saturation Coverage on Vicinal Palladium Surfaces: the Importance of the Adsorption Site. Journal of Physical Chemistry Letters, 2021, 12, 9508-9515.	4.6	3
270	Structure of an Ultrathin Oxide on Pt₃Sn(111) Solved by Machine Learning Enhanced Global Optimization**. Angewandte Chemie, 2022, 134, .	2.0	3

#	Article	IF	Citations
271	Differences in the Cs 4d and 5p surface and interface core-level shifts. Chemical Physics Letters, 1994, 226, 106-110.	2.6	2
272	Alkali-alkali interactions on Al(111): segregation and islanding in Na-Rb mixtures. Surface Science, 1994, 316, 303-308.	1.9	2
273	Unified behavior of alkali core-level binding-energy shifts induced byspmetals. Physical Review B, 1997, 56, 12560-12565.	3.2	2
274	Faceting and surface reconstruction of the GaP(111)B surface. Surface and Interface Analysis, 2010, 42, 1524-1527.	1.8	2
275	Tuning the Reactivity of Ultrathin Oxides: NO Adsorption on Monolayer FeO(111). Angewandte Chemie, 2016, 128, 9413-9417.	2.0	2
276	Surface development of a brazing alloy during heat treatmentâ€“a comparison between UHV and APXPS. Journal of Physics Condensed Matter, 2018, 30, 024004.	1.8	2
277	Structure dependent effect of silicon on the oxidation of Al(111) and Al(100). Surface Science, 2019, 684, 1-11.	1.9	2
278	In situ studies of the cathodic stability of single-crystalline IrO₂(110) ultrathin films supported on RuO₂(110)/Ru(0001) in an acidic environment. Physical Chemistry Chemical Physics, 2020, 22, 22956-22962.	2.8	2
279	Steps and catalytic reactions: CO oxidation with preadsorbed O on Rh(553). Surface Science, 2022, 715, 121928.	1.9	2
280	Detection of spin-states in Mn-doped gallium arsenide films. Nanotechnology, 2007, 18, 044006.	2.6	1
281	Infrared Spectroscopy as Molecular Probe of the Macroscopic Metal-Liquid Interface. Applied Sciences (Switzerland), 2017, 7, 1229.	2.5	1
282	Catalytic Oxidation of CO on a Curved Pt(111) Surface: Simultaneous Ignition at All Facets through a Transient COâ€O Complex**. Angewandte Chemie, 2020, 132, 20212-20218.	2.0	1
283	ON THE ROLE OF KINKS AND STRAIN IN HETEROEPITAXIAL GROWTH: AN STM STUDY. Surface Review and Letters, 2000, 07, 673-677.	1.1	0
284	Interface characterization of metal-HfO2-InAs gate stacks using hard x-ray photoemission spectroscopy. AIP Advances, 2013, 3, 072131.	1.3	0
285	Combining PM-IRRAS with optical imaging techniques for operando studies of CO oxidation. , 2021, , .		0
286	Laser Diagnostics for the Study of Heterogeneous Catalysis. , 2016, , .		0
287	Turning Nano Porous Aluminium Black: An in Situ High-Energy X-Ray Diffraction and X-Ray Fluorescence Study. ECS Meeting Abstracts, 2018, , .	0.0	0
288	In-Situ X-Ray Observations of Sn Electrodeposition into Anodized Alumina. ECS Meeting Abstracts, 2018, , .	0.0	0

#	Article	IF	Citations
289	In-Situ Observations of Anodic Alumina Nanopore Growth and Self-Organisation. ECS Meeting Abstracts, 2018, , .	0.0	0