Ulrike Diebold

List of Publications by Year
in descending order

255 papers	28,737 citations	8159 76 h-index	5227 165 g-index
269 all docs	269 docs citations	269 times ranked	24520 citing authors

#	Article	IF	Citations
1	Why and How Savitzkyâ€“Golay Filters Should Be Replaced. ACS Measurement Science Au, 2022, 2, 185-196.	1.9	39
2	Modeling polarons in density functional theory: lessons learned from TiO₂. Journal of Physics Condensed Matter, 2022, 34, 204006.	0.7	6
3	Reconstruction changes drive surface diffusion and determine the flatness of oxide surfaces. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 2022, 40, .	0.9	2
4	Structure of an Ultrathin Oxide on Pt₃Sn(111) Solved by Machine Learning Enhanced Global Optimization**. Angewandte Chemie, 2022, 134, .	1.6	3
5	Structure of an Ultrathin Oxide on Pt₃Sn(111) Solved by Machine Learning Enhanced Global Optimization**. Angewandte Chemie - International Edition, 2022, 61, .	7.2	15
6	CO oxidation by Pt ₂ /Fe ₃ O ₄ : Metastable dimer and support configurations facilitate lattice oxygen extraction. Science Advances, 2022, 8, eabn4580.	4.7	14
7	Single Rh Adatoms Stabilized on Î±-Fe₂O₃(11Ì…02) by Coadsorbed Water. ACS Energy Letters, 2022, 7, 375-380.	8.8	13
8	Machine learning for exploring small polaron configurational space. Npj Computational Materials, 2022, 8, .	3.5	8
9	Unraveling CO adsorption on model single-atom catalysts. Science, 2021, 371, 375-379.	6.0	179
10	Surface Reduction State Determines Stabilization and Incorporation of Rh on Î±â€Fe₂O₃(11Â¯02). Advanced Materials Interfaces, 2021, 8, 2001908.	1.9	9
11	Polarons in materials. Nature Reviews Materials, 2021, 6, 560-586.	23.3	273
12	Direct assessment of the acidity of individual surface hydroxyls. Nature, 2021, 592, 722-725.	13.7	43
13	Single Atom Catalysts: Surface Reduction State Determines Stabilization and Incorporation of Rh on Î±â€Fe₂O₃(11Â¯02) (Adv. Mater. Interfaces 8/2021). Advanced Materials Interfaces, 2021, 8, 2170045.	1.9	0
14	Quest for a pristine unreconstructed <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>SrTiO</mml:mi><mml:mn>3</mml:mn></mml	1.1	14
15	Two-dimensional surface phase diagram of a multicomponent perovskite oxide: <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>La</mml:mi><mml:mrow><mml:mn>0.8</mml	3.4	7
16	Ni-modified Fe3O4(001) surface as a simple model system for understanding the oxygen evolution reaction. Electrochimica Acta, 2021, 389, 138638.	2.6	16
17	Rapid oxygen exchange between hematite and water vapor. Nature Communications, 2021, 12, 6488.	5.8	8
18	Oxygen-rich tetrahedral surface phase on high-temperature rutile <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi mathvariant="normal">V</mml:mi><mml:msub><mml:mi mathvariant="normal">O</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mrow><mml:mo>(</mml:mo><mml:mn>1 mathvariant="normal">T</mml:mi></mml:msub></mml:mrow></mml:math> single crystals. Physical Review Materials, 2021, 5, .	2.9	3

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19	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>IrO</mml:mi></mml:mrow><mml:mrow><mml:mn>2</mml:mn></ Surface Complexions Identified through Machine Learning and Surface Investigations. Physical Review Letters, 2020, 125, 206101.	2.9	32
20	Oxide chemistry and catalysis. Journal of Chemical Physics, 2020, 153, 050401.	1.2	1
21	Electrochemical Stability of the Reconstructed Fe₃O₄(001) Surface. Angewandte Chemie, 2020, 132, 22088-22092.	1.6	0
22	Electrochemical Stability of the Reconstructed Fe₃O₄(001) Surface. Angewandte Chemie - International Edition, 2020, 59, 21904-21908.	7.2	22
23	Atomically resolved surface phases of La_{0.8}Sr_{0.2}MnO₃(110) thin films. Journal of Materials Chemistry A, 2020, 8, 22947-22961.	5.2	12
24	Surface Science of Metal Oxides: Examining What Happens at the Atomic Scale. Proceedings (mdpi), 2020, 56, 22.	0.2	0
25	Resolving the adsorption of molecular O ₂ on the rutile TiO ₂ (110) surface by noncontact atomic force microscopy. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 14827-14837.	3.3	39
26	Fast low-noise transimpedance amplifier for scanning tunneling microscopy and beyond. Review of Scientific Instruments, 2020, 91, 074701.	0.6	6
27	Movable holder for a quartz crystal microbalance for exact growth rates in pulsed laser deposition. Review of Scientific Instruments, 2020, 91, 065003.	0.6	4
28	Atomicâ€Scale Studies of Fe₃O₄(001) and TiO₂(110) Surfaces Following Immersion in CO₂â€Acidified Water. ChemPhysChem, 2020, 21, 1788-1796.	1.0	7
29	Adsorbate-induced structural evolution changes the mechanism of CO oxidation on a Rh/Fe₃O₄(001) model catalyst. Nanoscale, 2020, 12, 5866-5875.	2.8	25
30	Few-monolayer yttria-doped zirconia films: Segregation and phase stabilization. Journal of Chemical Physics, 2020, 152, 064709.	1.2	5
31	A Model System for Photocatalysis: Ti-Doped Î±-Fe₂O₃(11Ì…02) Single-Crystalline Films. Chemistry of Materials, 2020, 32, 3753-3764.	3.2	12
32	Small Polarons in Transition Metal Oxides. , 2020, , 1035-1073.		10
33	Highlights of the Science and Life of Peter Varga (1946â€”2018). E-Journal of Surface Science and Nanotechnology, 2020, 18, 8-11.	0.1	0
34	Using photoelectron spectroscopy to observe oxygen spillover to zirconia. Physical Chemistry Chemical Physics, 2019, 21, 17613-17620.	1.3	76
35	Local Structure and Coordination Define Adsorption in a Model Ir₁/Fe₃O₄ Singleâ€Atom Catalyst. Angewandte Chemie - International Edition, 2019, 58, 13961-13968.	7.2	93
36	Local Structure and Coordination Define Adsorption in a Model Ir₁/Fe₃O₄ Singleâ€Atom Catalyst. Angewandte Chemie, 2019, 131, 14099-14106.	1.6	44

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37	Self-limited growth of an oxyhydroxide phase at the Fe3O4(001) surface in liquid and ambient pressure water. Journal of Chemical Physics, 2019, 151, 154702.	1.2	15
38	Nickel Doping Enhances the Reactivity of Fe₃O₄(001) to Water. Journal of Physical Chemistry C, 2019, 123, 15038-15045.	1.5	16
39	Small Polarons in Transition Metal Oxides. , 2019, , 1-39.		20
40	Substoichiometric ultrathin zirconia films cause strong metalâ€“support interaction. Journal of Materials Chemistry A, 2019, 7, 24837-24846.	5.2	13
41	Interplay between Adsorbates and Polarons: CO on Rutile <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>TiO</mml:mi></mml:mrow><mml:mrow><mml:mn>2</mml:mn></mml:mrow></mml:msub></mml:mrow></mml:math>	2.9	76
42	Partially Dissociated Water Dimers at the Waterâ€“Hematite Interface. ACS Energy Letters, 2019, 4, 390-396.	8.8	32
43	Adsorption of CO on the Ca3Ru2O7(001)Âsurface. Surface Science, 2019, 680, 18-23.	0.8	2
44	Stability and Catalytic Performance of Reconstructed Fe₃O₄(001) and Fe₃O₄(110) Surfaces during Oxygen Evolution Reaction. Journal of Physical Chemistry C, 2019, 123, 8304-8311.	1.5	30
45	Surface structures of ZrO2 films on Rh(111): From two layers to bulk termination. Surface Science, 2019, 679, 180-187.	0.8	14
46	Incipient ferroelectricity: A route towards bulk-terminated <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>SrTiO</mml:mi><mml:mn>3</mml:mn></mml:msub></m Physical Review Materials, 2019, 3, .	0.9	21
47	Pushing the detection of cation nonstoichiometry to the limit. Physical Review Materials, 2019, 3, .	0.9	13
48	Growth of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>In</mml:mi><mml:mn>2</mml:mn></mml:m mathvariant="normal">O</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:mrow></mml:math> (111) thin films with optimized surfaces. Physical Review Materials, 2019, 3, .	0.9	12
49	Epitaxial growth of complex oxide films: Role of surface reconstructions. Physical Review Research, 2019, 1, .	1.3	9
50	Defect chemistry of Eu dopants in NaI scintillators studied by atomically resolved force microscopy. Physical Review Materials, 2019, 3, .	0.9	0
51	The surface phase diagram of La0.8Sr0.2MnO3 in STM. Acta Crystallographica Section A: Foundations and Advances, 2019, 75, e330-e330.	0.0	0
52	Sexiphenyl on Cu(100): nc-AFM tip functionalization and identification. Surface Science, 2018, 678, 124-127.	0.8	3
53	Polarity compensation mechanisms on the perovskite surface KTaO ₃ (001). Science, 2018, 359, 572-575.	6.0	85
54	Probing the geometry of copper and silver adatoms on magnetite: quantitative experiment versus theory. Nanoscale, 2018, 10, 2226-2230.	2.8	21

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55	Prototypical Organicâ€“Oxide Interface: Intramolecular Resolution of Sexiphenyl on In₂O₃(111). ACS Applied Materials & Interfaces, 2018, 10, 14175-14182.	4.0	8
56	A full monolayer of superoxide: oxygen activation on the unmodified Ca₃Ru₂O₇(001) surface. Journal of Materials Chemistry A, 2018, 6, 5703-5713.	5.2	17
57	Adsorption of CO on the Fe₃O₄(001) Surface. Journal of Physical Chemistry B, 2018, 122, 721-729.	1.2	20
58	Atomic-Scale Structure of the Hematite Î±-Fe₂O₃(11Ì…02) â€œR-Cutâ€•Surface. Journal of Physical Chemistry C, 2018, 122, 1657-1669.	1.5	89
59	Influence of surface atomic structure demonstrated on oxygen incorporation mechanism at a model perovskite oxide. Nature Communications, 2018, 9, 3710.	5.8	54
60	Apparatus for dosing liquid water in ultrahigh vacuum. Review of Scientific Instruments, 2018, 89, 083906.	0.6	17
61	Water adsorption at zirconia: from the ZrO₂(111)/Pt₃Zr(0001) model system to powder samples. Journal of Materials Chemistry A, 2018, 6, 17587-17601.	5.2	24
62	Formation and dynamics of small polarons on the rutile <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>TiO</mml:mi><mml:mn>2</mml:mn></mml:msub></mml (110) surface. Physical Review B, 2018, 98, .	1.1	67
63	High-affinity adsorption leads to molecularly ordered interfaces on TiO ₂ in air and solution. Science, 2018, 361, 786-789.	6.0	190
64	Water agglomerates on Fe ₃ O ₄ (001). Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E5642-E5650.	3.3	79
65	A multi-technique study of CO2 adsorption on Fe3O4 magnetite. Journal of Chemical Physics, 2017, 146, 014701.	1.2	49
66	Formaldehyde Adsorption on the Anatase TiO₂(101) Surface: Experimental and Theoretical Investigation. Journal of Physical Chemistry C, 2017, 121, 8914-8922.	1.5	32
67	Ordered hydroxyls on Ca3Ru2O7(001). Nature Communications, 2017, 8, 23.	5.8	12
68	The Role of Surface Defects in the Adsorption of Methanol on Fe3O4(001). Topics in Catalysis, 2017, 60, 420-430.	1.3	33
69	Electron transfer between anatase TiO ₂ and an O ₂ molecule directly observed by atomic force microscopy. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E2556-E2562.	3.3	80
70	Surface point defects on bulk oxides: atomically-resolved scanning probe microscopy. Chemical Society Reviews, 2017, 46, 1772-1784.	18.7	98
71	Polaron-Driven Surface Reconstructions. Physical Review X, 2017, 7, .	2.8	32
72	Resolving the Structure of a Well-Ordered Hydroxyl Overlayer on In₂O₃(111): Nanomanipulation and Theory. ACS Nano, 2017, 11, 11531-11541.	7.3	37

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73	Surface Structure of TiO₂ Rutile (011) Exposed to Liquid Water. Journal of Physical Chemistry C, 2017, 121, 26424-26431.	1.5	37
74	Methanol on Anatase TiO₂ (101): Mechanistic Insights into Photocatalysis. ACS Catalysis, 2017, 7, 7081-7091.	5.5	93
75	Perspective: A controversial benchmark system for water-oxide interfaces: H2O/TiO2(110). Journal of Chemical Physics, 2017, 147, 040901.	1.2	49
76	Self-Limiting Adsorption of WO₃ Oligomers on Oxide Substrates in Solution. Journal of Physical Chemistry C, 2017, 121, 19743-19750.	1.5	18
77	Construction and evaluation of an ultrahigh-vacuum-compatible sputter deposition source. Review of Scientific Instruments, 2017, 88, 103904.	0.6	7
78	(Invited) Atomic-Scale Surface Science Investigations for Understanding and Producing Electrochemical Interfaces. ECS Meeting Abstracts, 2017, , .	0.0	0
79	Following the Reduction of Oxygen on TiO₂ Anatase (101) Step by Step. Journal of the American Chemical Society, 2016, 138, 9565-9571.	6.6	74
80	Transition from Reconstruction toward Thin Film on the (110) Surface of Strontium Titanate. Nano Letters, 2016, 16, 2407-2412.	4.5	28
81	Fe3O4(110)â€“(1 Ã— 3) revisited: Periodic (111) nanofacets. Surface Science, 2016, 649, L120-L123.	0.8	11
82	Tailoring the nature and strength of electronâ€“phonon interactions in the SrTiO3(001) 2D electronÂliquid. Nature Materials, 2016, 15, 835-839.	13.3	171
83	Dual role of CO in the stability of subnano Pt clusters at the Fe ₃ O ₄ (001) surface. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 8921-8926.	3.3	108
84	Well-Ordered In Adatoms at the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>In</mml:mi></mml:mrow><mml:mn>2</mml:mn></mml:msub><mml:mo mathvariant="normal">O</mml:mi></mml:mrow><mml:mrow><mml:mn>3</mml:mn></mml:mrow></mml:msub><mml:mo stretchy="false">(</mml:mo><mml:mn>111</mml:mn><mml:mo) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 292 Td (stretchy="false">)</mml:mo>	2.9	9
85	Review Letters, 2016, 117, 206101. Atomic structure and stability of magnetite Fe3O4(001): An X-ray view. Surface Science, 2016, 653, 76-81.	0.8	40
86	Adjusting island density and morphology of the SrTiO3(110)-(4 Ã— 1) surface: Pulsed laser deposition combined with scanning tunneling microscopy. Surface Science, 2016, 651, 76-83.	0.8	23
87	Metal Adatoms and Clusters on Ultrathin Zirconia Films. Journal of Physical Chemistry C, 2016, 120, 9920-9932.	1.5	18
88	Interplay between Steps and Oxygen Vacancies on Curved TiO₂(110). Nano Letters, 2016, 16, 2017-2022.	4.5	25
89	Adsorption of water at the SrO surface ofÂruthenates. Nature Materials, 2016, 15, 450-455.	13.3	63
90	Aggregation and electronically induced migration of oxygen vacancies in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi mathvariant="normal">TiO</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:math>anatase. Physical Review B, 2015, 91, .	1.1	47

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91	Adsorption and incorporation of transition metals at the magnetite<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Fe</mml:mi><mml:mn>3</mml:mn></mml:msub><mml:mo>(</mml:mo><mml:mi mathvariant="normal">O</mml:mi><mml:mn>4</mml:mn></mml:msub></mml:mrow></mml:math>(001) surface. Physical Review B, 2015, 92, .	1.1	76
92	Molecular Ordering at the Interface Between Liquid Water and Rutile TiO₂(110). Advanced Materials Interfaces, 2015, 2, 1500246.	1.9	68
93	An Atomicâ€Scale View of CO and H₂ Oxidation on a Pt/Fe₃O₄ Model Catalyst. Angewandte Chemie - International Edition, 2015, 54, 13999-14002.	7.2	70
94	In situ scanning tunneling microscopy study of Ca-modified rutile TiO2(110) in bulk water. Beilstein Journal of Nanotechnology, 2015, 6, 438-443.	1.5	9
95	Coexistence of trapped and free excess electrons in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>SrTiO</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:math>: Physical Review B, 2015, 91, .	1.1	88
96	Adsorption of Formic Acid on the Fe₃O₄(001) Surface. Journal of Physical Chemistry C, 2015, 119, 20459-20465.	1.5	42
97	NO adsorption and diffusion on hydroxylated rutile TiO₂(110). Physical Chemistry Chemical Physics, 2015, 17, 26594-26598.	1.3	16
98	A Multitechnique Study of CO Adsorption on the TiO₂ Anatase (101) Surface. Journal of Physical Chemistry C, 2015, 119, 21044-21052.	1.5	59
99	Nickel-Oxide-Modified SrTiO₃(110)-(4 Ã— 1) Surfaces and Their Interaction with Water. Journal of Physical Chemistry C, 2015, 119, 20481-20487.	1.5	13
100	Point defects at cleaved<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Sr</mml:mi><mml:mrow><mml:mi>n</mml:mi><mml:mi mathvariant="normal">O</mml:mi><mml:mrow><mml:mn>3</mml:mn><mml:mi>n</mml:mi><mml:mo>+</mml:mo><mml:mn>1</mml:mn> surfaces. Physical Review B, 2014, 90, .	1.1	12
101	Subsurface cation vacancy stabilization of the magnetite (001) surface. Science, 2014, 346, 1215-1218.	6.0	222
102	The growth of ultra-thin zirconia films on Pd₃Zr(0â€‰0â€‰0â€‰1). Journal of Physics Condensed Matter, 2014, 26, 225003.	0.7	38
103	Anisotropic two-dimensional electron gas at SrTiO ₃ (110). Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 3933-3937.	3.3	99
104	Identification of adsorbed molecules via STM tip manipulation: CO, H₂O, and O₂ on TiO₂ anatase (101). Physical Chemistry Chemical Physics, 2014, 16, 21524-21530.	1.3	48
105	Direct View at Excess Electrons in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>TiO</mml:mi></mml:mrow><mml:mrow><mml:mn>2</mml:mn> and Anatase. Physical Review Letters, 2014, 113, 086402.	2.9	373
106	Synthesis, Characterization, and Computation of Catalysts at the Center for Atomic-Level Catalyst Design. Journal of Physical Chemistry C, 2014, 118, 20043-20069.	1.5	21
107	Vacancy clusters at domain boundaries and band bending at the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mrow><mml:mi mathvariant="normal">SrTiO</mml:mi></mml:mrow><mml:mn>3</mml:mn></mml:msub><mml:mo>(</mml:mo><mml:mn>110</mml:mn> Physical Review B, 2014, 90, .	1.1	14
108	High Chemical Activity of a Perovskite Surface: Reaction of CO with<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>Sr</mml:mi></mml:mrow><mml:mrow><mml:mn>3</mml:mn> <mml:mi mathvariant="normal">O</mml:mi></mml:mrow><mml:mrow><mml:mn>7</mml:mn></mml:mrow></mml:msub></mml:mrow></mml: Physical Review Letters, 2014, 113, 116101.	2.9	18

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109	Hybrid exchange density functional study of vicinal anatase<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>Ti</mml:mi><mml:msub><mml:mi mathvariant="normal">O</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:math>surfaces. Physical Review B, 2014, 89, .	1.1	15
110	Stabilizing Single Ni Adatoms on a Two-Dimensional Porous Titania Overlayer at the SrTiO3(110) Surface. Journal of Physical Chemistry C, 2014, 118, 19904-19909.	1.5	14
111	Charge Trapping at the Step Edges of TiO₂ Anatase (101). Angewandte Chemie - International Edition, 2014, 53, 4714-4716.	7.2	102
112	Stoichiometry-driven switching between surface reconstructions on SrTiO3(001). Surface Science, 2014, 621, L1-L4.	0.8	36
113	Cluster Nucleation and Growth from a Highly Supersaturated Adatom Phase: Silver on Magnetite. ACS Nano, 2014, 8, 7531-7537.	7.3	51
114	Surface preparation of TiO2 anatase (101): Pitfalls and how to avoid them. Surface Science, 2014, 626, 61-67.	0.8	47
115	Reducing the In₂O₃(111) Surface Results in Ordered Indium Adatoms. Advanced Materials Interfaces, 2014, 1, 1400289.	1.9	26
116	Tailoring the photocatalytic reaction rate of a nanostructured TiO2 matrix using additional gas phase oxygen. International Nano Letters, 2013, 3, 1.	2.3	17
117	Real-space imaging of the Verwey transition at the (100) surface of magnetite. Physical Review B, 2013, 88, .	1.1	21
118	Reaction of O ₂ with Subsurface Oxygen Vacancies on TiO ₂ Anatase (101). Science, 2013, 341, 988-991.	6.0	474
119	Probing the surface phase diagram of Fe<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>O<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>4</mml:mn></mml:msub></mml:math>(001) towards the Fe-rich limit: Evidence for progressive reduction of the surface. Physical Review B, 2013, 87, .	1.1	70
120	Carbon monoxide-induced adatom sintering in a Pdâ€“Fe3O4 model catalyst. Nature Materials, 2013, 12, 724-728.	13.3	249
121	Water Adsorption at the Tetrahedral Titania Surface Layer of SrTiO₃(110)-(4 Ã— 1). Journal of Physical Chemistry C, 2013, 117, 26060-26069.	1.5	32
122	Publisher's Note: Probing the surface phase diagram of Fe3O4(001) towards the Fe-rich limit: Evidence for progressive reduction of the surface [Phys. Rev. B87, 195410 (2013)]. Physical Review B, 2013, 88, .	1.1	0
123	Strain-Induced Defect Superstructure on the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>SrTiO</mml:mi><mml:mn>3</mml:mn></mml:msub><mml:mo stretchy="false">(</mml:mo><mml:mn>110</mml:mn><mml:mo) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 167 Td (stretchy="fals	2.9	32
124	Pt<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>Zr(0001): A substrate for growing well-ordered ultrathin zirconia films by oxidation. Physical Review B, 2012, 86,	1.1	41
125	Antiphase domain boundaries at the Fe<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>O<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>4</mml:mn></mml:msub></mml:math>(001) surface. Physical Review B, 2012, 85, .	1.1	37
126	Nickel Carbide as a Source of Grain Rotation in Epitaxial Graphene. ACS Nano, 2012, 6, 3564-3572.	7.3	77

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127	Disorder and Defect Healing in Graphene on Ni(111). Journal of Physical Chemistry Letters, 2012, 3, 136-139.	2.1	65
128	Trapping Nitric Oxide by Surface Hydroxyls on Rutile TiO₂(110). Journal of Physical Chemistry C, 2012, 116, 1887-1891.	1.5	36
129	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, .	1.1	62
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