Yinying Wei

List of Publications by Year
in descending order

16 papers	615 citations	840585 11 h-index	940416 16 g-index
16 all docs	16 docs citations	16 times ranked	968 citing authors

#	Article	IF	Citations
1	The Importance of Bulk Ti³⁺Defects in the Oxygen Chemistry on Titania Surfaces. Journal of the American Chemical Society, 2011, 133, 6529-6532.	6.6	200
2	Role of Steps in the Dissociative Adsorption of Water on Rutile<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>TiO</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:mo stretchy="false">(</mml:mo><mml:mn>110</mml:mn><mml:mo) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 687 Td (stretchy="false">)</mm	2.9	61
3	Direct Evidence for Ethanol Dissociation on Rutile<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>TiO</mml:mi><mml:mn>2</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 50 647 Td (stretchy="fa	2.9	58
4	Unravelling Site-Specific Photo-Reactions of Ethanol on Rutile TiO2(110). Scientific Reports, 2016, 6, 21990.	1.6	45
5	Flux-Selected Titanyl Phthalocyanine Monolayer Architecture on Ag (111). Journal of Physical Chemistry C, 2008, 112, 18537-18542.	1.5	42
6	Effects of the crystal reduction state on the interaction of oxygen with rutile TiO2(110). Catalysis Today, 2012, 182, 25-38.	2.2	39
7	Ethanol Diffusion on Rutile TiO₂(110) Mediated by H Adatoms. Journal of Physical Chemistry Letters, 2012, 3, 283-288.	2.1	35
8	Directed Organization of C₇₀ Kagome Lattice by Titanyl Phthalocyanine Monolayer Template. Journal of the American Chemical Society, 2011, 133, 15232-15235.	6.6	32
9	Dipoleâ€“Dipole Interactions in TiOPc Adlayers on Ag. Journal of Physical Chemistry C, 2014, 118, 3523-3532.	1.5	23
10	TiOPc Molecular Dislocation Networks as Nanotemplates for C60 Cluster Arrays. Journal of the American Chemical Society, 2009, 131, 12026-12027.	6.6	22
11	Formation of metastable, heterolytic H-pairs on the RuO2(110) surface. Surface Science, 2014, 619, L1-L5.	0.8	19
12	Atomic-Scale View on the H₂O Formation Reaction from H₂ on O-Rich RuO₂(110). Journal of Physical Chemistry C, 2014, 118, 27989-27997.	1.5	11
13	Polymorphism in Self-Assembled Structures of 9-Anthracene Carboxylic Acid on Ag(111). International Journal of Molecular Sciences, 2012, 13, 6836-6848.	1.8	9
14	Charge State Control of F 16 CoPc on h â€BN/Cu(111). Advanced Materials Interfaces, 2020, 7, 2000080.	1.9	7
15	Potential Steps at C60â€“TiOPcâ€“Ag(111) Interfaces: Ultrahigh-Vacuumâ€“Noncontact Scanning Probe Metrology. Nano Letters, 2012, 12, 2859-2864.	4.5	6
16	Molecular Interface Formation in Titanyl Phthalocyanineâ€“C₆₀ Monolayer Films. Journal of Physical Chemistry C, 2012, 116, 23773-23778.	1.5	6