

Weijia Liu

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	An enhanced CdS/TiO ₂ photocatalyst with high stability and activity: Effect of mesoporous substrate and bifunctional linking molecule. <i>Journal of Materials Chemistry</i> , 2011, 21, 4945.	6.7	156
2	Diffusion of water molecules confined in slits of rutile TiO ₂ (110) and graphite(0001). <i>Fluid Phase Equilibria</i> , 2011, 302, 316-320.	2.5	59
3	A shortcut for evaluating activities of TiO ₂ facets: water dissociative chemisorption on TiO ₂ -B (100) and (001). <i>Physical Chemistry Chemical Physics</i> , 2010, 12, 8721.	2.8	37
4	Synthesis, Features, and Applications of Mesoporous Titania with TiO ₂ (B). <i>Chinese Journal of Catalysis</i> , 2010, 31, 605-614.	14.0	36
5	Single-crystalline and reactive facets exposed anatase TiO ₂ nanofibers with enhanced photocatalytic properties. <i>Journal of Materials Chemistry</i> , 2011, 21, 6718.	6.7	31
6	Theoretical Investigation of CO Adsorption on Clean and Hydroxylated TiO ₂ -B (100) Surfaces. <i>Journal of Physical Chemistry C</i> , 2011, 115, 8622-8629.	3.1	23
7	DFT study of coverage-depended adsorption of NH ₃ on TiO ₂ -B (100) surface. <i>Physical Chemistry Chemical Physics</i> , 2012, 14, 16618.	2.8	18
8	Dissociation of methanol on hydroxylated TiO ₂ -B (100) surface: Insights from first principle DFT calculation. <i>Catalysis Today</i> , 2011, 165, 32-40.	4.4	14
9	The influence of tensile strain on water adsorbed on Fe (100) surface: Surface chemistry aspect of stress corrosion cracking. <i>Applied Surface Science</i> , 2019, 481, 192-199.	6.1	7