Yang Bai

List of Publications by Year
in descending order

		687220	839398
20	746	13	18
papers	citations	h-index	g-index

20	20	20	1180
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Hierarchical bismuth vanadate/reduced graphene oxide composite photocatalyst for hydrogen evolution and bisphenol A degradation. Applied Materials Today, 2021, 22, 100963.	2.3	23
2	Feasibility of Solar Updraft Towers as Photocatalytic Reactors for Removal of Atmospheric Methaneâ€"The Role of Catalysts and Rate Limiting Steps. Frontiers in Chemistry, 2021, 9, 745347.	1.8	6
3	Research on Factors Affecting Communication Quality in Communication System. , 2021, , .		1
4	Counting bubbles: precision process control of gasâ€"liquid reactions in flow with an optical inline sensor. Reaction Chemistry and Engineering, 2019, 4, 112-121.	1.9	13
5	Process Intensification of Continuous-Flow Imine Hydrogenation in Catalyst-Coated Tube Reactors. Industrial & Engineering Chemistry Research, 2019, 58, 4433-4442.	1.8	15
6	Highly Selective Continuous Flow Hydrogenation of Cinnamaldehyde to Cinnamyl Alcohol in a Pt/SiO2 Coated Tube Reactor. Catalysts, 2018, 8, 58.	1.6	23
7	OpenFlowChem â€" a platform for quick, robust and flexible automation and self-optimisation of flow chemistry. Reaction Chemistry and Engineering, 2018, 3, 769-780.	1.9	56
8	Process Intensification of Alkynol Semihydrogenation in a Tube Reactor Coated with a Pd/ZnO Catalyst. Catalysts, 2017, 7, 358.	1.6	21
9	Highly Crystalline Mesoporous TiO₂(B) Nanofibers. Journal of Physical Chemistry C, 2014, 118, 3049-3055.	1.5	21
10	One-pot synthesis of rutile TiO2 nanoparticle modified anatase TiO2 nanorods toward enhanced photocatalytic reduction of CO2 into hydrocarbon fuels. Catalysis Communications, 2012, 29, 185-188.	1.6	62
11	Coreâ€"shell TiO2/C nanofibers as supports for electrocatalytic and synergistic photoelectrocatalytic oxidation of methanol. Journal of Materials Chemistry, 2012, 22, 4025.	6.7	83
12	Single-crystalline and reactive facets exposed anatase TiO2 nanofibers with enhanced photocatalytic properties. Journal of Materials Chemistry, 2011, 21, 6718.	6.7	31
13	Highly Crystalline TiO₂ Whisker Modified with Pt and Its Photocata-lytic Performance. Chinese Journal of Catalysis, 2010, 31, 1271-1276.	6.9	2
14	Nanopatterned surface with adjustable area coverage and feature size fabricated by photocatalysis. Applied Surface Science, 2009, 255, 9296-9300.	3.1	4
15	Highly Thermal Stable and Highly Crystalline Anatase TiO₂ for Photocatalysis. Environmental Science & Technology, 2009, 43, 5423-5428.	4.6	103
16	Stability of Pt nanoparticles and enhanced photocatalytic performance in mesoporous Pt-(anatase/TiO2(B)) nanoarchitecture. Journal of Materials Chemistry, 2009, 19, 7055.	6.7	72
17	Highly Ordered Selective Adsorption of Methyl Orange on Heterogeneous Surfaces in Aqueous Solutions. Chemistry Letters, 2009, 38, 1142-1143.	0.7	0
18	Enhanced Photocatalytic Activity in Anatase/TiO₂(B) Coreâ"Shell Nanofiber. Journal of Physical Chemistry C, 2008, 112, 20539-20545.	1.5	181

#	Article	IF	Citations
19	Formation of porous crystals by coupling of dissolution and nucleation process in fractional crystallization. Fluid Phase Equilibria, 2007, 261, 300-305.	1.4	10
20	Thermodynamic Analysis of Temperature Dependence of the Crystal Growth Rate of Potassium Sulfate. Industrial & Engineering Chemistry Research, 2006, 45, 6266-6271.	1.8	19