

Yang Bai

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

746
citations

687220

13
h-index

839398

18
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20
all docs

20
docs citations

20
times ranked

1180
citing authors

#	ARTICLE	IF	CITATIONS
1	Enhanced Photocatalytic Activity in Anatase/TiO ₂ (B) Core-shell Nanofiber. Journal of Physical Chemistry C, 2008, 112, 20539-20545.	1.5	181
2	Highly Thermal Stable and Highly Crystalline Anatase TiO ₂ for Photocatalysis. Environmental Science & Technology, 2009, 43, 5423-5428.	4.6	103
3	Core-shell TiO ₂ /C nanofibers as supports for electrocatalytic and synergistic photoelectrocatalytic oxidation of methanol. Journal of Materials Chemistry, 2012, 22, 4025.	6.7	83
4	Stability of Pt nanoparticles and enhanced photocatalytic performance in mesoporous Pt-(anatase/TiO ₂ (B)) nanoarchitecture. Journal of Materials Chemistry, 2009, 19, 7055.	6.7	72
5	One-pot synthesis of rutile TiO ₂ nanoparticle modified anatase TiO ₂ nanorods toward enhanced photocatalytic reduction of CO ₂ into hydrocarbon fuels. Catalysis Communications, 2012, 29, 185-188.	1.6	62
6	OpenFlowChem – 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
7	Single-crystalline and reactive facets exposed anatase TiO ₂ nanofibers with enhanced photocatalytic properties. Journal of Materials Chemistry, 2011, 21, 6718.	6.7	31
8	Highly Selective Continuous Flow Hydrogenation of Cinnamaldehyde to Cinnamyl Alcohol in a Pt/SiO ₂ Coated Tube Reactor. Catalysts, 2018, 8, 58.	1.6	23
9	Hierarchical bismuth vanadate/reduced graphene oxide composite photocatalyst for hydrogen evolution and bisphenol A degradation. Applied Materials Today, 2021, 22, 100963.	2.3	23
10	Highly Crystalline Mesoporous TiO ₂ (B) Nanofibers. Journal of Physical Chemistry C, 2014, 118, 3049-3055.	1.5	21
11	Process Intensification of Alkynol Semihydrogenation in a Tube Reactor Coated with a Pd/ZnO Catalyst. Catalysts, 2017, 7, 358.	1.6	21
12	Thermodynamic Analysis of Temperature Dependence of the Crystal Growth Rate of Potassium Sulfate. Industrial & Engineering Chemistry Research, 2006, 45, 6266-6271.	1.8	19
13	Process Intensification of Continuous-Flow Imine Hydrogenation in Catalyst-Coated Tube Reactors. Industrial & Engineering Chemistry Research, 2019, 58, 4433-4442.	1.8	15
14	Counting bubbles: precision process control of gas-liquid reactions in flow with an optical inline sensor. Reaction Chemistry and Engineering, 2019, 4, 112-121.	1.9	13
15	Formation of porous crystals by coupling of dissolution and nucleation process in fractional crystallization. Fluid Phase Equilibria, 2007, 261, 300-305.	1.4	10
16	Feasibility of Solar Updraft Towers as Photocatalytic Reactors for Removal of Atmospheric Methane – The Role of Catalysts and Rate Limiting Steps. Frontiers in Chemistry, 2021, 9, 745347.	1.8	6
17	Nanopatterned surface with adjustable area coverage and feature size fabricated by photocatalysis. Applied Surface Science, 2009, 255, 9296-9300.	3.1	4
18	Highly Crystalline TiO ₂ Whisker Modified with Pt and Its Photocatalytic Performance. Chinese Journal of Catalysis, 2010, 31, 1271-1276.	6.9	2

#	ARTICLE	IF	CITATIONS
19	Research on Factors Affecting Communication Quality in Communication System. , 2021, , .		1
20	Highly Ordered Selective Adsorption of Methyl Orange on Heterogeneous Surfaces in Aqueous Solutions. Chemistry Letters, 2009, 38, 1142-1143.	0.7	0