

Akbar Mahdavi-Shakib

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

208
citations

1040056

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h-index

1372567

10
g-index

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all docs

10
docs citations

10
times ranked

313
citing authors

#	ARTICLE	IF	CITATIONS
1	Kinetics of H ₂ Adsorption at the Metal-Support Interface of Au/TiO ₂ Catalysts Probed by Broad Background IR Absorbance. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 7735-7743.	13.8	16
2	Kinetics of H ₂ Adsorption at the Metal-Support Interface of Au/TiO ₂ Catalysts Probed by Broad Background IR Absorbance. <i>Angewandte Chemie</i> , 2021, 133, 7814-7822.	2.0	5
3	Au/TiO ₂ -Catalyzed Benzyl Alcohol Oxidation on Morphologically Precise Anatase Nanoparticles. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 11793-11804.	8.0	20
4	Hydrogen Adsorption at the Au/TiO ₂ Interface: Quantitative Determination and Spectroscopic Signature of the Reactive Interface Hydroxyl Groups at the Active Site. <i>ACS Catalysis</i> , 2021, 11, 15194-15202.	11.2	16
5	Combining Benzyl Alcohol Oxidation Saturation Kinetics and Hammett Studies as Mechanistic Tools for Examining Supported Metal Catalysts. <i>ACS Catalysis</i> , 2020, 10, 10207-10215.	11.2	25
6	Host-Guest Interactions and Redox Activity in Layered Conductive Metal-Organic Frameworks. <i>Chemistry of Materials</i> , 2020, 32, 7639-7652.	6.7	43
7	Quantitative Structural Characterization of Catalytically Active TiO ₂ Nanoparticles. <i>ACS Applied Nano Materials</i> , 2019, 2, 6268-6276.	5.0	10
8	Frequencies and Thermal Stability of Isolated Surface Hydroxyls on Pyrogenic TiO ₂ Nanoparticles. <i>Journal of Physical Chemistry C</i> , 2019, 123, 24533-24548.	3.1	30
9	Titania surface chemistry and its influence on supported metal catalysts. <i>Polyhedron</i> , 2019, 170, 41-50.	2.2	11
10	Gold Electrode Modified with Self-Assembled Monolayer of Cysteamine-Functionalized MWCNT and Its Application in Simultaneous Determination of Dopamine and Uric Acid. <i>Electroanalysis</i> , 2012, 24, 425-432.	2.9	32