

Zhibo Ren

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1453898/publications.pdf>

Version: 2024-02-01

11
papers

1,286
citations

1162367

8
h-index

1281420

11
g-index

11
all docs

11
docs citations

11
times ranked

2462
citing authors

#	ARTICLE	IF	CITATIONS
1	Activation of surface lattice oxygen in single-atom Pt/CeO ₂ for low-temperature CO oxidation. <i>Science</i> , 2017, 358, 1419-1423.	6.0	1,114
2	Morphology-Dependent Properties of Cu/CeO ₂ Catalysts for the Water-Gas Shift Reaction. <i>Catalysts</i> , 2017, 7, 48.	1.6	42
3	Theoretical Investigation of the Structural Stabilities of Ceria Surfaces and Supported Metal Nanocluster in Vapor and Aqueous Phases. <i>Journal of Physical Chemistry C</i> , 2018, 122, 4828-4840.	1.5	26
4	A theoretical study on reaction mechanisms and kinetics of thiophene hydrodesulfurization over MoS ₂ catalysts. <i>Catalysis Today</i> , 2018, 312, 158-167.	2.2	25
5	Wind-powered 250kW electrolyzer for dynamic hydrogen production: A pilot study. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 34550-34564.	3.8	24
6	Nucleation of Cu _n (<i>n</i> = 1–5) Clusters and Equilibrium Morphology of Cu Particles Supported on CeO ₂ Surface: A Density Functional Theory Study. <i>Journal of Physical Chemistry C</i> , 2018, 122, 27402-27411.	1.5	15
7	A combined experimental and computational study of water-gas shift reaction over rod-shaped Ce _{0.75} Mo _{0.25} O ₂ (M = Ti, Zr, and Mn) supported Cu catalysts. <i>International Journal of Hydrogen Energy</i> , 2017, 42, 30086-30097.	3.8	14
8	Synthesis of Small-Sized SAPO-34 Crystals with Varying Template Combinations for the Conversion of Methanol to Olefins. <i>Catalysts</i> , 2018, 8, 570.	1.6	11
9	Competitive Adsorption-Assisted Formation of One-Dimensional Cobalt Nanochains with High CO Hydrogenation Activity. <i>Journal of Physical Chemistry C</i> , 2017, 121, 24588-24593.	1.5	8
10	Computational evaluation of the impact of metal substitution on the CH ₄ storage in PCN-14 metal-organic frameworks. <i>Catalysis Today</i> , 2018, 312, 168-173.	2.2	4
11	Promotional Effect of Pt-Doping on the Catalytic Performance of Pt/CeO ₂ Catalyst for CO Oxidation. <i>Catalysts</i> , 2022, 12, 529.	1.6	3