

# 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

1163117  
8  
h-index

1281871  
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 <sub>2</sub> for low-temperature CO oxidation. <i>Science</i> , 2017, 358, 1419-1423.	12.6	1,114
2	Morphology-Dependent Properties of Cu/CeO <sub>2</sub> Catalysts for the Water-Gas Shift Reaction. <i>Catalysts</i> , 2017, 7, 48.	3.5	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.	3.1	26
4	A theoretical study on reaction mechanisms and kinetics of thiophene hydrodesulfurization over MoS <sub>2</sub> catalysts. <i>Catalysis Today</i> , 2018, 312, 158-167.	4.4	25
5	Wind-powered 250 kW electrolyzer for dynamic hydrogen production: A pilot study. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 34550-34564.	7.1	24
6	Nucleation of Cu <sub>n</sub> ( <i>n</i> = 1–5) Clusters and Equilibrium Morphology of Cu Particles Supported on CeO <sub>2</sub> Surface: A Density Functional Theory Study. <i>Journal of Physical Chemistry C</i> , 2018, 122, 27402-27411.	3.1	15
7	A combined experimental and computational study of water-gas shift reaction over rod-shaped Ce <sub>0.75</sub> Mo <sub>0.25</sub> O <sub>2</sub> (M = Ti, Zr, and Mn) supported Cu catalysts. <i>International Journal of Hydrogen Energy</i> , 2017, 42, 30086-30097.	7.1	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.	3.5	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.	3.1	8
10	Computational evaluation of the impact of metal substitution on the 14CH <sub>4</sub> storage in PCN-14 metal-organic frameworks. <i>Catalysis Today</i> , 2018, 312, 168-173.	4.4	4
11	Promotional Effect of Pt-Doping on the Catalytic Performance of Pt/CeO <sub>2</sub> Catalyst for CO Oxidation. <i>Catalysts</i> , 2022, 12, 529.	3.5	3