

Meizan Jing

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

379
citations

1163117

8
h-index

1199594

12
g-index

12
all docs

12
docs citations

12
times ranked

436
citing authors

#	ARTICLE	IF	CITATIONS
1	Stabilizing platinum atoms on CeO ₂ oxygen vacancies by metal-support interaction induced interface distortion: Mechanism and application. Applied Catalysis B: Environmental, 2020, 278, 119304.	20.2	120
2	The effect of oxygen vacancies and water on HCHO catalytic oxidation over Co ₃ O ₄ catalyst: A combination of density functional theory and microkinetic study. Chemical Engineering Journal, 2019, 355, 540-550.	12.7	69
3	Modulating the Electronic Metal-Support Interactions in Single-Atom Pt ₁ /CuO Catalyst for Boosting Acetone Oxidation. Angewandte Chemie - International Edition, 2022, 61, .	13.8	46
4	Nickel-Iron Nitride-Nickel Sulfide Composites for Oxygen Evolution Electrocatalysis. ACS Applied Materials & Interfaces, 2020, 12, 41464-41470.	8.0	44
5	A DFT and microkinetic study of HCHO catalytic oxidation mechanism over Pd/Co ₃ O ₄ catalysts: The effect of metal-oxide interface. Catalysis Today, 2020, 339, 210-219.	4.4	27
6	Density Functional Theory Study of the Formaldehyde Catalytic Oxidation Mechanism on a Au-Doped CeO ₂ (111) Surface. Journal of Physical Chemistry C, 2018, 122, 438-448.	3.1	22
7	Combination of Density Functional Theory and Microkinetic Study to the Mn-Doped CeO ₂ Catalysts for CO Oxidation: A Case Study to Understand the Doping Metal Content. Journal of Physical Chemistry C, 2018, 122, 25290-25300.	3.1	16
8	The influence of doping amount on the catalytic oxidation of formaldehyde by Mn-CeO ₂ mixed oxide catalyst: A combination of DFT and microkinetic study. Journal of Hazardous Materials, 2022, 425, 127985.	12.4	11
9	Influence of surface termination on formaldehyde oxidation by Mn-doped ceria: A density function theory study. Molecular Catalysis, 2018, 448, 30-37.	2.0	8
10	Theoretical study of structure sensitivity on Au doped CeO ₂ surfaces for formaldehyde oxidation: The effect of crystal planes and Au doping. Chemical Engineering Journal, 2022, 433, 133599.	12.7	7
11	FeNi ₃ -FeNi ₃ N a high-performance catalyst for overall water splitting. Sustainable Energy and Fuels, 2020, 4, 6245-6250.	4.9	5
12	Modulating the Electronic Metal-Support Interactions in Single-Atom Pt ₁ /CuO Catalyst for Boosting Acetone Oxidation. Angewandte Chemie, 2022, 134, .	2.0	4