

Cun Wen

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

608
citations

623734

14
h-index

794594

19
g-index

19
all docs

19
docs citations

19
times ranked

1147
citing authors

#	ARTICLE	IF	CITATIONS
1	Influence of Coordination Environment of Anchored Single-Site Cobalt Catalyst on CO ₂ Hydrogenation. ChemCatChem, 2020, 12, 846-854.	3.7	27
2	Design of highly active cobalt catalysts for CO ₂ hydrogenation <i>via</i> the tailoring of surface orientation of nanostructures. Catalysis Science and Technology, 2019, 9, 1970-1978.	4.1	30
3	Statistically Guided Synthesis of MoV-Based Mixed-Oxide Catalysts for Ethane Partial Oxidation. Catalysts, 2018, 8, 370.	3.5	3
4	Superior oxygen transfer ability of Pd/MnO _x -CeO ₂ for enhanced low temperature CO oxidation activity. Applied Catalysis B: Environmental, 2017, 206, 1-8.	20.2	78
5	Carbon Dioxide Hydrogenation over a Metal-Free Carbon-Based Catalyst. ACS Catalysis, 2017, 7, 4497-4503.	11.2	71
6	Supported Cobalt Nanorod Catalysts for Carbon Dioxide Hydrogenation. Energy Technology, 2017, 5, 884-891.	3.8	17
7	The Materials Super Highway: Integrating High-Throughput Experimentation into Mapping the Catalysis Materials Genome. Catalysis Letters, 2015, 145, 290-298.	2.6	31
8	Pd supported on SnO ₂ ·MnO·CeO ₂ catalysts for low temperature CO oxidation. Catalysis Today, 2015, 258, 481-486.	4.4	22
9	One-step production of long-chain hydrocarbons from waste-biomass-derived chemicals using bi-functional heterogeneous catalysts. Physical Chemistry Chemical Physics, 2014, 16, 3047.	2.8	31
10	Self-healing catalysts: Co ₃ O ₄ nanorods for Fischer-Tropsch synthesis. Chemical Communications, 2014, 50, 4575-4578.	4.1	16
11	Synthesis of mono-disperse CoFe alloy nanoparticles with high activity toward NaBH ₄ hydrolysis. International Journal of Hydrogen Energy, 2013, 38, 6436-6441.	7.1	10
12	INFLUENCE OF PRETREATMENT ON THE STRUCTURAL AND CATALYTIC PROPERTIES OF SUPPORTED Pd CATALYSTS FOR CO OXIDATION. Surface Review and Letters, 2013, 20, 1350013.	1.1	3
13	Water-Gas Shift Reaction on Metal Nanoclusters Encapsulated in Mesoporous Ceria Studied with Ambient-Pressure X-ray Photoelectron Spectroscopy. ACS Nano, 2012, 6, 9305-9313.	14.6	102
14	Mechanism of CO Disproportionation on Reduced Ceria. ChemCatChem, 2010, 2, 336-341.	3.7	27
15	Effects of surface area and oxygen vacancies on ceria in CO oxidation: Differences and relationships. Journal of Molecular Catalysis A, 2010, 316, 59-64.	4.8	36
16	Modulated CO Oxidation Activity of M-Doped Ceria (M = Cu, Ti, Zr, and Tb): Role of the Pauling Electronegativity of M. Journal of Physical Chemistry C, 2010, 114, 9889-9897.	3.1	70
17	Integration of surface science, nanoscience, and catalysis. Pure and Applied Chemistry, 2010, 83, 243-252.	1.9	17
18	Strategy to eliminate catalyst hot-spots in the partial oxidation of methane: enhancing its activity for direct hydrogen production by reducing the reactivity of lattice oxygen. Chemical Communications, 2010, 46, 880.	4.1	12

#	ARTICLE	IF	CITATIONS
19	Synthesis of the rare earth compound nanosheets induced by lamellar liquid crystal. Solid State Sciences, 2009, 11, 1985-1991.	3.2	5