

# Cun Wen

## List of Publications by Year in descending order

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19  
papers

608  
citations

623734

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794594

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docs citations

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times ranked

1147  
citing authors

#	ARTICLE	IF	CITATIONS
1	Water-Gas Shift Reaction on Metal Nanoclusters Encapsulated in Mesoporous Ceria Studied with Ambient-Pressure X-ray Photoelectron Spectroscopy. <i>ACS Nano</i> , 2012, 6, 9305-9313.	14.6	102
2	Superior oxygen transfer ability of Pd/MnO <sub>x</sub> -CeO <sub>2</sub> for enhanced low temperature CO oxidation activity. <i>Applied Catalysis B: Environmental</i> , 2017, 206, 1-8.	20.2	78
3	Carbon Dioxide Hydrogenation over a Metal-Free Carbon-Based Catalyst. <i>ACS Catalysis</i> , 2017, 7, 4497-4503.	11.2	71
4	Modulated CO Oxidation Activity of M-Doped Ceria (M = Cu, Ti, Zr, and Tb): Role of the Pauling Electronegativity of M. <i>Journal of Physical Chemistry C</i> , 2010, 114, 9889-9897.	3.1	70
5	Effects of surface area and oxygen vacancies on ceria in CO oxidation: Differences and relationships. <i>Journal of Molecular Catalysis A</i> , 2010, 316, 59-64.	4.8	36
6	One-step production of long-chain hydrocarbons from waste-biomass-derived chemicals using bi-functional heterogeneous catalysts. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 3047.	2.8	31
7	The Materials Super Highway: Integrating High-Throughput Experimentation into Mapping the Catalysis Materials Genome. <i>Catalysis Letters</i> , 2015, 145, 290-298.	2.6	31
8	Design of highly active cobalt catalysts for CO <sub>2</sub> hydrogenation via the tailoring of surface orientation of nanostructures. <i>Catalysis Science and Technology</i> , 2019, 9, 1970-1978.	4.1	30
9	Mechanism of CO Disproportionation on Reduced Ceria. <i>ChemCatChem</i> , 2010, 2, 336-341.	3.7	27
10	Influence of Coordination Environment of Anchored Single-Site Cobalt Catalyst on CO <sub>2</sub> Hydrogenation. <i>ChemCatChem</i> , 2020, 12, 846-854.	3.7	27
11	Pd supported on SnO <sub>2</sub> -MnO-CeO <sub>2</sub> catalysts for low temperature CO oxidation. <i>Catalysis Today</i> , 2015, 258, 481-486.	4.4	22
12	Integration of surface science, nanoscience, and catalysis. <i>Pure and Applied Chemistry</i> , 2010, 83, 243-252.	1.9	17
13	Supported Cobalt Nanorod Catalysts for Carbon Dioxide Hydrogenation. <i>Energy Technology</i> , 2017, 5, 884-891.	3.8	17
14	Self-healing catalysts: Co <sub>3</sub> O <sub>4</sub> nanorods for Fischer-Tropsch synthesis. <i>Chemical Communications</i> , 2014, 50, 4575-4578.	4.1	16
15	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. <i>Chemical Communications</i> , 2010, 46, 880.	4.1	12
16	Synthesis of mono-disperse CoFe alloy nanoparticles with high activity toward NaBH <sub>4</sub> hydrolysis. <i>International Journal of Hydrogen Energy</i> , 2013, 38, 6436-6441.	7.1	10
17	Synthesis of the rare earth compound nanosheets induced by lamellar liquid crystal. <i>Solid State Sciences</i> , 2009, 11, 1985-1991.	3.2	5
18	INFLUENCE OF PRETREATMENT ON THE STRUCTURAL AND CATALYTIC PROPERTIES OF SUPPORTED Pd CATALYSTS FOR CO OXIDATION. <i>Surface Review and Letters</i> , 2013, 20, 1350013.	1.1	3

#	ARTICLE	IF	CITATIONS
19	Statistically Guided Synthesis of MoV-Based Mixed-Oxide Catalysts for Ethane Partial Oxidation. Catalysts, 2018, 8, 370.	3.5	3