

Ce Yang

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

3,221
citations

331670

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477307

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31
all docs

31
docs citations

31
times ranked

4953
citing authors

#	ARTICLE	IF	CITATIONS
1	Catalyst design to direct high-octane gasoline fuel properties for improved engine efficiency. Applied Catalysis B: Environmental, 2022, 301, 120801.	20.2	7
2	A stable low-temperature H ₂ -production catalyst by crowding Pt on γ -MoC. Nature, 2021, 589, 396-401.	27.8	290
3	Catalytic CO Oxidation on MgAl ₂ O ₄ -Supported Iridium Single Atoms: Ligand Configuration and Site Geometry. Journal of Physical Chemistry C, 2021, 125, 11380-11390.	3.1	13
4	Selective Butene Formation in Direct Ethanol-to-C ₃₊ -Olefin Valorization over Zn ^{II} /Beta and Single-Atom Alloy Composite Catalysts Using In Situ-Generated Hydrogen. ACS Catalysis, 2021, 11, 7193-7209.	11.2	13
5	Synthesis of Iron-Carbide Nanoparticles: Identification of the Active Phase and Mechanism of Fe-Based Fischer-Tropsch Synthesis. CCS Chemistry, 2021, 3, 2712-2724.	7.8	41
6	Impact of the Coordination Environment on Atomically Dispersed Pt Catalysts for Oxygen Reduction Reaction. ACS Catalysis, 2020, 10, 907-913.	11.2	121
7	Inverse Bimetallic RuSn Catalyst for Selective Carboxylic Acid Reduction. ACS Catalysis, 2019, 9, 11350-11359.	11.2	15
8	Innen-Äußertitelbild: Puffing Up Energetic Metal-Organic Frameworks to Large Carbon Networks with Hierarchical Porosity and Atomically Dispersed Metal Sites (Angew. Chem. 7/2019). Angewandte Chemie, 2019, 131, 2177-2177.	2.0	0
9	Exploring the Alcohol Stability of Bis(phosphine) Cobalt Dialkyl Precatalysts in Asymmetric Alkene Hydrogenation. Organometallics, 2019, 38, 149-156.	2.3	26
10	Puffing Up Energetic Metal-Organic Frameworks to Large Carbon Networks with Hierarchical Porosity and Atomically Dispersed Metal Sites. Angewandte Chemie, 2019, 131, 1997-2001.	2.0	64
11	Puffing Up Energetic Metal-Organic Frameworks to Large Carbon Networks with Hierarchical Porosity and Atomically Dispersed Metal Sites. Angewandte Chemie - International Edition, 2019, 58, 1975-1979.	13.8	237
12	Evidence for Redox Mechanisms in Organometallic Chemisorption and Reactivity on Sulfated Metal Oxides. Journal of the American Chemical Society, 2018, 140, 6308-6316.	13.7	34
13	Tetrahedral Nickel(II) Phosphosilicate Single-Site Selective Propane Dehydrogenation Catalyst. ChemCatChem, 2018, 10, 961-964.	3.7	31
14	Nuclearity effects in supported, single-site Fe(μ_2) hydrogenation pre-catalysts. Dalton Transactions, 2018, 47, 10842-10846.	3.3	9
15	In Situ S/TEM Reduction Reaction of Ni-Mo ₂ C Catalyst for Biomass Conversion. Microscopy and Microanalysis, 2018, 24, 322-323.	0.4	1
16	Atomically Precise Strategy to a PtZn Alloy Nanocluster Catalyst for the Deep Dehydrogenation of <i>n</i> -Butane to 1,3-Butadiene. ACS Catalysis, 2018, 8, 10058-10063.	11.2	67
17	Probing Nitrogen-Doping Effects in the Core-Shell Structured Catalysts for Bifunctional Electrocatalysis. ChemCatChem, 2018, 10, 4248-4252.	3.7	6
18	Surface Organometallic Chemistry of Supported Iridium(III) as a Probe for Organotransition Metal-Support Interactions in C-H Activation. ACS Catalysis, 2018, 8, 5363-5373.	11.2	29

#	ARTICLE	IF	CITATIONS
19	Hierarchically Porous Mn-N-C (M = Co and Fe) Single-Atom Electrocatalysts with Robust MN _x Active Moieties Enable Enhanced ORR Performance. <i>Advanced Energy Materials</i> , 2018, 8, 1801956.	19.5	540
20	Wet-chemistry synthesis of cobalt carbide nanoparticles as highly active and stable electrocatalyst for hydrogen evolution reaction. <i>Nano Research</i> , 2017, 10, 1322-1328.	10.4	56
21	Highly dispersed Co-based Fischer-Tropsch synthesis catalysts from metal-organic frameworks. <i>Journal of Materials Chemistry A</i> , 2017, 5, 8081-8086.	10.3	132
22	Construction of Synergistic Fe ₅ C ₂ /Co Heterostructured Nanoparticles as an Enhanced Low Temperature Fischer-Tropsch Synthesis Catalyst. <i>ACS Catalysis</i> , 2017, 7, 5661-5667.	11.2	67
23	Tuning the Selectivity of Catalytic Carbon Dioxide Hydrogenation over Iridium/Cerium Oxide Catalysts with a Strong Metal-Support Interaction. <i>Angewandte Chemie</i> , 2017, 129, 10901-10905.	2.0	83
24	Tuning the Selectivity of Catalytic Carbon Dioxide Hydrogenation over Iridium/Cerium Oxide Catalysts with a Strong Metal-Support Interaction. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 10761-10765.	13.8	384
25	Anion-Regulated Selective Generation of Cobalt Sites in Carbon: Toward Superior Bifunctional Electrocatalysis. <i>Advanced Materials</i> , 2017, 29, 1703436.	21.0	58
26	Photothermal Therapy: Multifunctional Fe ₅ C ₂ Nanoparticles: A Targeted Theranostic Platform for Magnetic Resonance Imaging and Photoacoustic Tomography-Guided Photothermal Therapy (Adv.) <i>Tj ETQq0 0 0 rBtO Overlark 10 Tf 50</i>	21.0	58
27	Single Domain SmCo ₅ @Co Exchange-coupled Magnets Prepared from Core/shell Sm[Co(CN) ₆]·4H ₂ O@GO Particles: A Novel Chemical Approach. <i>Scientific Reports</i> , 2013, 3, 3542.	3.3	59
28	Advance in the chemical synthesis and magnetic properties of nanostructured rare-earth-based permanent magnets. <i>Rare Metals</i> , 2013, 32, 105-112.	7.1	33
29	Fe ₅ C ₂ Nanoparticles: A Facile Bromide-Induced Synthesis and as an Active Phase for Fischer-Tropsch Synthesis. <i>Journal of the American Chemical Society</i> , 2012, 134, 15814-15821.	13.7	529
30	Fe ₃ O ₄ nanostructures: synthesis, growth mechanism, properties and applications. <i>Chemical Communications</i> , 2011, 47, 5130.	4.1	269