

Rong Ye

List of Publications by Year in descending order

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19
papers

1,233
citations

623188

14
h-index

794141

19
g-index

19
all docs

19
docs citations

19
times ranked

2447
citing authors

#	ARTICLE	IF	CITATIONS
1	A spongy nickel-organic CO ₂ reduction photocatalyst for nearly 100% selective CO production. <i>Science Advances</i> , 2017, 3, e1700921.	4.7	175
2	A Comparison of Photocatalytic Activities of Gold Nanoparticles Following Plasmonic and Interband Excitation and a Strategy for Harnessing Interband Hot Carriers for Solution Phase Photocatalysis. <i>ACS Central Science</i> , 2017, 3, 482-488.	5.3	174
3	Dendrimer-Stabilized Metal Nanoparticles as Efficient Catalysts for Reversible Dehydrogenation/Hydrogenation of N-Heterocycles. <i>Journal of the American Chemical Society</i> , 2017, 139, 18084-18092.	6.6	147
4	Foundations and strategies of the construction of hybrid catalysts for optimized performances. <i>Nature Catalysis</i> , 2018, 1, 318-325.	16.1	133
5	Supported Dendrimer-Encapsulated Metal Clusters: Toward Heterogenizing Homogeneous Catalysts. <i>Accounts of Chemical Research</i> , 2017, 50, 1894-1901.	7.6	126
6	Supported Au Nanoparticles with N-Heterocyclic Carbene Ligands as Active and Stable Heterogeneous Catalysts for Lactonization. <i>Journal of the American Chemical Society</i> , 2018, 140, 4144-4149.	6.6	108
7	Molecular catalysis science: Perspective on unifying the fields of catalysis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 5159-5166.	3.3	85
8	Effect of Acidic Properties of Mesoporous Zeolites Supporting Pt Nanoparticles on Hydrogenative Conversion of Methylcyclopentane. <i>Journal of the American Chemical Society</i> , 2014, 136, 17207-17212.	6.6	62
9	Platinum and Other Transition Metal Nanoclusters (Pd, Rh) Stabilized by PAMAM Dendrimer as Excellent Heterogeneous Catalysts: Application to the Methylcyclopentane (MCP) Hydrogenative Isomerization. <i>Nano Letters</i> , 2017, 17, 1853-1862.	4.5	60
10	Metal Nanoparticles Catalyzed Selective Carbon-Carbon Bond Activation in the Liquid Phase. <i>Journal of the American Chemical Society</i> , 2016, 138, 8533-8537.	6.6	37
11	Analogy between Enzyme and Nanoparticle Catalysis: A Single-Molecule Perspective. <i>ACS Catalysis</i> , 2019, 9, 1985-1992.	5.5	33
12	Nanoscale cooperative adsorption for materials control. <i>Nature Communications</i> , 2021, 12, 4287.	5.8	26
13	New Insights into Aldol Reactions of Methyl Isocyanoacetate Catalyzed by Heterogenized Homogeneous Catalysts. <i>Nano Letters</i> , 2017, 17, 584-589.	4.5	22
14	Co-Rh Nanoparticles for the Hydrogenation of Carbon Monoxide: Catalytic Performance Towards Alcohol Production and Ambient Pressure X-Ray Photoelectron Spectroscopy Study. <i>Catalysis Letters</i> , 2016, 146, 1574-1580.	1.4	14
15	Tailoring Transition-Metal Hydroxides and Oxides by Photon-Induced Reactions. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 14272-14276.	7.2	11
16	Supported iron catalysts for Michael addition reactions. <i>Molecular Catalysis</i> , 2018, 447, 65-71.	1.0	10
17	Surface Science Approach to the Molecular Level Integration of the Principles in Heterogeneous, Homogeneous, and Enzymatic Catalysis. <i>Topics in Catalysis</i> , 2018, 61, 1210-1217.	1.3	5
18	Development and Elucidation of Superior Turnover Rates and Selectivity of Supported Molecular Catalysts. <i>ChemCatChem</i> , 2018, 10, 1666-1685.	1.8	3

#	ARTICLE	IF	CITATIONS
19	Tailoring Transition-Metal Hydroxides and Oxides by Photon-Induced Reactions. <i>Angewandte Chemie</i> , 2016, 128, 14484-14488.	1.6	2