

Xiaofan Jia

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7384378/publications.pdf>

Version: 2024-02-01

14
papers

1,013
citations

1039406

9
h-index

1125271

13
g-index

14
all docs

14
docs citations

14
times ranked

1998
citing authors

#	ARTICLE	IF	CITATIONS
1	Aerobic Partial Oxidation of Alkanes Using Photodriven Iron Catalysis. <i>Inorganic Chemistry</i> , 2022, 61, 759-766.	1.9	9
2	Manganese Catalyzed Partial Oxidation of Light Alkanes. <i>ACS Catalysis</i> , 2022, 12, 5356-5370.	5.5	9
3	Electron-Deficient Ru(II) Complexes as Catalyst Precursors for Ethylene Hydrophenylation. <i>Inorganics</i> , 2022, 10, 76.	1.2	2
4	Monolayer Molecular Functionalization Enabled by Acid-Base Interaction for High-Performance Photochemical CO ₂ Reduction. <i>ACS Energy Letters</i> , 2022, 7, 2265-2272.	8.8	15
5	Role of Axial Ligation in Gating the Reactivity of Dimethylplatinum(III) Diimine Radical Cations. <i>Organometallics</i> , 2021, 40, 333-345.	1.1	0
6	Functionalization of RhIII-Me Bonds: Use of π -Capping Arene-Ligands to Facilitate Me-X Reductive Elimination. <i>Organometallics</i> , 2021, 40, 1889-1906.	1.1	3
7	Electrocatalytic Water Oxidation by a Trinuclear Copper(II) Complex. <i>ACS Catalysis</i> , 2021, 11, 7223-7240.	5.5	35
8	Transition-Metal-Catalyzed Arene Alkylation and Alkenylation: Catalytic Processes for the Generation of Chemical Intermediates. <i>ACS Catalysis</i> , 2020, 10, 14080-14092.	5.5	15
9	Synthesis of Stilbenes by Rhodium-Catalyzed Aerobic Alkenylation of Arenes via C-H Activation. <i>Journal of the American Chemical Society</i> , 2020, 142, 10534-10543.	6.6	39
10	Styrene Production from Benzene and Ethylene Catalyzed by Palladium(II): Enhancement of Selectivity toward Styrene via Temperature-dependent Vinyl Ester Consumption. <i>Organometallics</i> , 2019, 38, 3532-3541.	1.1	15
11	Metallic Transition-Metal Dichalcogenide Nanocatalysts for Energy Conversion. <i>CheM</i> , 2018, 4, 1510-1537.	5.8	141
12	Systematic design of superaerophobic nanotube-array electrode comprised of transition-metal sulfides for overall water splitting. <i>Nature Communications</i> , 2018, 9, 2452.	5.8	431
13	Amorphous nickel-cobalt complexes hybridized with 1T-phase molybdenum disulfide via hydrazine-induced phase transformation for water splitting. <i>Nature Communications</i> , 2017, 8, 15377.	5.8	284
14	Oxidative Hydrophenylation of Ethylene Using a Cationic Ru(II) Catalyst: Styrene Production with Ethylene as the Oxidant. <i>Israel Journal of Chemistry</i> , 2017, 57, 1037-1046.	1.0	15