

Jaime Ruiz Aranzaes

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

4,505
citations

686830

13
h-index

1125271

13
g-index

13
all docs

13
docs citations

13
times ranked

6101
citing authors

#	ARTICLE	IF	CITATIONS
1	Nanoparticles as Recyclable Catalysts: The Frontier between Homogeneous and Heterogeneous Catalysis. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 7852-7872.	7.2	2,848
2	Click Dendrimers and Triazole-Related Aspects: Catalysts, Mechanism, Synthesis, and Functions. A Bridge between Dendritic Architectures and Nanomaterials. <i>Accounts of Chemical Research</i> , 2012, 45, 630-640.	7.6	310
3	Hydrolysis of Ammonia-Borane over Ni/ZIF-8 Nanocatalyst: High Efficiency, Mechanism, and Controlled Hydrogen Release. <i>Journal of the American Chemical Society</i> , 2017, 139, 11610-11615.	6.6	293
4	Encapsulation and Stabilization of Gold Nanoparticles with "Click" Polyethyleneglycol Dendrimers. <i>Journal of the American Chemical Society</i> , 2010, 132, 2729-2742.	6.6	157
5	Dramatic Synergy in CoPt Nanocatalysts Stabilized by "Click" Dendrimers for Evolution of Hydrogen from Hydrolysis of Ammonia Borane. <i>ACS Catalysis</i> , 2019, 9, 1110-1119.	5.5	157
6	Magnetic and Dendritic Catalysts. <i>Accounts of Chemical Research</i> , 2015, 48, 1871-1880.	7.6	109
7	"Click" dendrimers as efficient nanoreactors in aqueous solvent: Pd nanoparticle stabilization for sub-ppm Pd catalysis of Suzuki-Miyaura reactions of aryl bromides. <i>Chemical Communications</i> , 2013, 49, 8169.	2.2	68
8	Dendrimer-Induced Molecular Catalysis in Water: The Example of Olefin Metathesis. <i>Chemistry - A European Journal</i> , 2010, 16, 11832-11835.	1.7	54
9	"Click" Dendrimer-Stabilized Nanocatalysts for Efficient Hydrogen Release upon Ammonia-Borane Hydrolysis. <i>ChemCatChem</i> , 2018, 10, 2673-2680.	1.8	34
10	Efficient "Click" Dendrimer-Supported Synergistic Bimetallic Nanocatalysis for Hydrogen Evolution by Sodium Borohydride Hydrolysis. <i>ChemCatChem</i> , 2019, 11, 2341-2349.	1.8	26
11	Compared Catalytic Efficiency of Click-Dendrimer-Stabilized Late Transition Metal Nanoparticles in 4-Nitrophenol Reduction. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2018, 28, 399-406.	1.9	18
12	Dentromers, a Family of Super Dendrimers with Specific Properties and Applications. <i>Molecules</i> , 2018, 23, 966.	1.7	18