

Travis Williams

List of Publications by Citations

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Version: 2024-04-25

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

25
papers

439
citations

10
h-index

20
g-index

26
ext. papers

541
ext. citations

7.3
avg, IF

4.32
L-index

#	Paper	IF	Citations
25	Mechanism of Hydride Abstraction by Cyclopentadienone-Ligated Carbonylmetal Complexes (M = Ru, Fe). <i>European Journal of Inorganic Chemistry</i> , 2009 , 2009, 295-302	2.3	61
24	A Base and Solvent-Free Ruthenium-Catalyzed Alkylation of Amines. <i>ACS Catalysis</i> , 2017 , 7, 1136-1142	13.1	55
23	Iridium Catalysts for Acceptorless Dehydrogenation of Alcohols to Carboxylic Acids: Scope and Mechanism. <i>ACS Catalysis</i> , 2018 , 8, 3754-3763	13.1	51
22	Ruthenium-Catalyzed Ammonia Borane Dehydrogenation: Mechanism and Utility. <i>Accounts of Chemical Research</i> , 2017 , 50, 86-95	24.3	50
21	A dual site catalyst for mild, selective nitrile reduction. <i>Chemical Communications</i> , 2014 , 50, 5391-3	5.8	43
20	Recycling Benzoxazine-Epoxy Composites via Catalytic Oxidation. <i>ACS Sustainable Chemistry and Engineering</i> , 2018 , 6, 7227-7231	8.3	36
19	Iridium-based hydride transfer catalysts: from hydrogen storage to fine chemicals. <i>Chemical Communications</i> , 2018 , 54, 7711-7724	5.8	21
18	Dehydrogenation of ammonia borane through the third equivalent of hydrogen. <i>Dalton Transactions</i> , 2016 , 45, 7672-7	4.3	17
17	Mechanism and Catalysis of Oxidative Degradation of Fiber-Reinforced Epoxy Composites. <i>Topics in Catalysis</i> , 2018 , 61, 704-709	2.3	15
16	Ruthenium Catalyzed Tandem Pictet-Spengler Reaction. <i>Organic Letters</i> , 2020 , 22, 4979-4984	6.2	11
15	Comparison of three methods for the methylation of aliphatic and aromatic compounds. <i>Rapid Communications in Mass Spectrometry</i> , 2017 , 31, 1633-1640	2.2	10
14	Catalyst Evolution in Ruthenium-Catalyzed Coupling of Amines and Alcohols. <i>ACS Catalysis</i> , 2020 , 10, 56-65	13.1	10
13	Upgrading Biodiesel from Vegetable Oils by Hydrogen Transfer to its Fatty Esters. <i>ACS Sustainable Chemistry and Engineering</i> , 2018 , 6, 5749-5753	8.3	9
12	Surface coordination chemistry of germanium nanocrystals synthesized by microwave-assisted reduction in oleylamine. <i>Nanoscale</i> , 2020 , 12, 2764-2772	7.7	8
11	A structural chemistry look at composites recycling. <i>Materials Horizons</i> , 2020 , 7, 2479-2486	14.4	7
10	Optical pKa Control in a Bifunctional Iridium Complex. <i>Organometallics</i> , 2019 , 38, 200-204	3.8	7
9	DUAL SITE CATALYSTS FOR HYDRIDE MANIPULATION. <i>Comments on Inorganic Chemistry</i> , 2011 , 32, 195-218	3.8	6

8	Direct Oxidation of Primary Alcohols to Carboxylic Acids. <i>Synthesis</i> , 2021 , 53, 1023-1034	2.9	6
7	Non-covalent self assembly controls the relaxivity of magnetically active guests. <i>Chemical Communications</i> , 2014 , 50, 1375-7	5.8	5
6	A noncovalent, fluoroalkyl coating monomer for phosphonate-covered nanoparticles. <i>Tetrahedron</i> , 2013 , 69, 7741-7746	2.4	4
5	Conformational twisting of a formate-bridged diiridium complex enables catalytic formic acid dehydrogenation. <i>Dalton Transactions</i> , 2018 , 47, 13559-13564	4.3	4
4	Heterobimetallic complexes of IrM (M = Fe, Co, and Ni) core and bridging 2-(diphenylphosphino)pyridine: electronic structure and electrochemical behavior. <i>Dalton Transactions</i> , 2020 , 49, 10509-10515	4.3	2
3	Catalytic, aerobic depolymerization of epoxy thermoset composites. <i>Green Chemistry</i> , 2021 , 23, 6356-6360		1
2	Catalyst carbonylation: a hidden, but essential, step in reaction initiation. <i>Catalysis Science and Technology</i> , 2021 , 11, 2361-2368	5.5	0
1	Kinetics and mechanistic details of bulk ZnO dissolution using a thiol-imidazole system.. <i>Chemical Science</i> , 2022 , 13, 3208-3215	9.4	0