

Santanu Malakar

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

203
citations

1307594

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1281871

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13
all docs

13
docs citations

13
times ranked

320
citing authors

#	ARTICLE	IF	CITATIONS
1	Is silver a mere terminal oxidant in palladium catalyzed C-H bond activation reactions?. <i>Chemical Science</i> , 2020, 11, 208-216.	7.4	53
2	Competitive Hydrogen Atom Transfer to Oxyl- and Peroxyl Radicals in the Cu-Catalyzed Oxidative Coupling of <i>N</i> -Aryl Tetrahydroisoquinolines Using <i>tert</i> -Butyl Hydroperoxide. <i>ACS Catalysis</i> , 2016, 6, 3253-3261.	11.2	50
3	Catalytic Alkane Transfer Dehydrogenation by PSP-Pincer-Ligated Ruthenium. Deactivation of an Extremely Reactive Fragment by Formation of Allyl Hydride Complexes. <i>ACS Catalysis</i> , 2019, 9, 4072-4083.	11.2	29
4	PNP-Pincer Complexes of Osmium: Comparison with Isoelectronic (PCP)Ir and (PNP)Ir ⁺ Units. <i>Organometallics</i> , 2018, 37, 314-326.	2.3	15
5	Formation of Enamines via Catalytic Dehydrogenation by Pincer-Iridium Complexes. <i>Journal of Organic Chemistry</i> , 2020, 85, 3020-3028.	3.2	12
6	Mechanisms of Electrochemical N ₂ Splitting by a Molybdenum Pincer Complex. <i>Inorganic Chemistry</i> , 2022, 61, 2307-2318.	4.0	11
7	A quantification scheme for non-covalent interactions in the enantio-controlling transition states in asymmetric catalysis. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 5643-5652.	2.8	8
8	Alkane Dehydrogenation Catalyzed by a Fluorinated Phebox Iridium Complex. <i>ACS Catalysis</i> , 2021, 11, 14194-14209.	11.2	8
9	Origin of Regioselectivity in the Dehydrogenation of Alkanes by Pincer-Iridium Complexes: A Combined Experimental and Computational Study. <i>ACS Catalysis</i> , 2021, 11, 12038-12051.	11.2	7
10	H ₂ Addition to Pincer Iridium Complexes Yielding <i>trans</i> -Dihydride Products: Unexpected Correlations of Bond Strength with Bond Length and Vibrational Frequencies. <i>Inorganic Chemistry</i> , 2018, 57, 7516-7523.	4.0	5
11	Polar molecules catalyze CO insertion into metal-alkyl bonds through the displacement of an agostic C-H bond. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 3419-3424.	7.1	5