

Debasish Ghorai

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

750
citations

516561

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713332

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all docs

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25
times ranked

832
citing authors

#	ARTICLE	IF	CITATIONS
1	Rhodium(III)-N-Heterocyclic Carbene-Driven Cascade C-H Activation Catalysis. <i>ACS Catalysis</i> , 2015, 5, 2692-2696.	5.5	111
2	Enantioselective Aluminum-Free Alkene Hydroarylations through C-H Activation by a Chiral Nickel/JoSPOphos Manifold. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 1749-1753.	7.2	79
3	Switching of α -Rollover Pathway in Rhodium(III)-Catalyzed C-H Activation of Chelating Molecules. <i>ACS Catalysis</i> , 2016, 6, 709-713.	5.5	75
4	Exploring a unique reactivity of N-heterocyclic carbenes (NHC) in rhodium(<i>iii</i>)-catalyzed intermolecular C-H activation/annulation. <i>Chemical Communications</i> , 2014, 50, 15159-15162.	2.2	68
5	Insights into Cobalt(III/IV/II)-Electrocatalysis: Oxidation-Induced Reductive Elimination for Twofold C-H Activation. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 10955-10960.	7.2	65
6	Mononuclear, helical binuclear palladium and lithium complexes bearing a new pyrrole-based NNN-pincer ligand: fluxional property. <i>Dalton Transactions</i> , 2012, 41, 9503.	1.6	38
7	Nickel-catalyzed C-H activation of purine bases with alkyl halides. <i>Chemical Communications</i> , 2017, 53, 9113-9116.	2.2	36
8	Bimetallic Nickel Complexes for Aniline C-H Alkylations. <i>ACS Catalysis</i> , 2018, 8, 11657-11662.	5.5	32
9	Enantioselective Aluminum-Free Alkene Hydroarylations through C-H Activation by a Chiral Nickel/JoSPOphos Manifold. <i>Angewandte Chemie</i> , 2019, 131, 1763-1767.	1.6	32
10	Wingtip-Dictated Cyclometalation of N-Heterocyclic Carbene Ligand Framework and Its Implication toward Tunable Catalytic Activity. <i>Organometallics</i> , 2014, 33, 7118-7124.	1.1	31
11	Single-Step Substitution of all the $\hat{1}$, $\hat{2}$ -Positions in Pyrrole: Choice of Binuclear versus Multinuclear Complex of the Novel Polydentate Ligand. <i>Inorganic Chemistry</i> , 2014, 53, 4117-4129.	1.9	27
12	Azatripyrrolic and Azatetrapyrrolic Macrocycles from the Mannich Reaction of Pyrrole: Receptors for Anions. <i>Organic Letters</i> , 2010, 12, 3212-3215.	2.4	26
13	To α -Rollover or Not? Stereoelectronically Guided C-H Functionalization Pathways from Rhodium-Abnormal NHC Intermediates. <i>ACS Omega</i> , 2018, 3, 1614-1620.	1.6	22
14	Secondary Phosphine Oxide Preligands for Palladium-Catalyzed C-H (Hetero)Arylations: Efficient Access to Pybox Ligands. <i>Advanced Synthesis and Catalysis</i> , 2017, 359, 3137-3141.	2.1	20
15	Nickel-Catalyzed Allylic Substitution Reactions: An Evolving Alternative. <i>European Journal of Inorganic Chemistry</i> , 2022, 2022, e202100820.	1.0	20
16	C-F Activation for C(sp ²)-C(sp ³) Cross-Coupling by a Secondary Phosphine Oxide (SPO)-Nickel Complex. <i>Organic Letters</i> , 2020, 22, 7034-7040.	2.4	18
17	Asymmetric Synthesis of Homoallylic Alcohols Featuring Vicinal Tetrasubstituted Carbon Centers via Dual Pd/Photoredox Catalysis. <i>Organic Letters</i> , 2021, 23, 4447-4451.	2.4	15
18	A New Type of Palladium-Pincer Complexes Generated via Hydrolytic Ring-Opening of Imidazole-2-ylidenes. <i>Organometallics</i> , 2014, 33, 3215-3218.	1.1	13

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19	Unsubstituted quinoidal pyrrole and its reaction with oxygen, charge transfer and palladium(II) complexes via DDQ oxidation. <i>RSC Advances</i> , 2014, 4, 45603-45611.	1.7	11
20	Air-Stable Secondary Phosphine Oxides for Nickel-Catalyzed Cross-Couplings of Aryl Ethers by $\text{C}=\text{O}$ Activation. <i>Synlett</i> , 2019, 30, 429-432.	1.0	8
21	Synthesis and structural characterization of Pd(II) complexes containing 2,6-bis[(dimethylamino)methyl]-4-methylphenolate ligand. <i>Inorganica Chimica Acta</i> , 2011, 372, 412-416.	1.2	3