Debasish Ghorai

List of Publications by Year
in descending order

21	750	516561 16	713332 21
papers	citations	h-index	g-index

25	25	25	832
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Nickelâ€Catalyzed Allylic Substitution Reactions: An Evolving Alternative. European Journal of Inorganic Chemistry, 2022, 2022, e202100820.	1.0	20
2	Asymmetric Synthesis of Homoallylic Alcohols Featuring Vicinal Tetrasubstituted Carbon Centers via Dual Pd/Photoredox Catalysis. Organic Letters, 2021, 23, 4447-4451.	2.4	15
3	Câ€“F Activation for C(sp²)â€“C(sp³) Cross-Coupling by a Secondary Phosphine Oxide (SPO)-Nickel Complex. Organic Letters, 2020, 22, 7034-7040.	2.4	18
4	Insights into Cobalta(III/IV/II)â€Electrocatalysis: Oxidationâ€•nduced Reductive Elimination for Twofold Câˆ’H Activation. Angewandte Chemie - International Edition, 2020, 59, 10955-10960.	7.2	65
5	Air-Stable Secondary Phosphine Oxides for Nickel-Catalyzed Cross-Couplings of Aryl Ethers by Câ€“O Activation. Synlett, 2019, 30, 429-432.	1.0	8
6	Enantioselective Aluminumâ€Free Alkene Hydroarylations through Câˆ’H Activation by a Chiral Nickel/JoSPOphos Manifold. Angewandte Chemie, 2019, 131, 1763-1767.	1.6	32
7	Enantioselective Aluminumâ€Free Alkene Hydroarylations through Câˆ’H Activation by a Chiral Nickel/JoSPOphos Manifold. Angewandte Chemie - International Edition, 2019, 58, 1749-1753.	7.2	79
8	To â€œRolloverâ€•or Not? Stereoelectronically Guided Câ€“H Functionalization Pathways from Rhodiumâ€“Abnormal NHC Intermediates. ACS Omega, 2018, 3, 1614-1620.	1.6	22
9	Bimetallic Nickel Complexes for Aniline Câ€“H Alkylations. ACS Catalysis, 2018, 8, 11657-11662.	5.5	32
10	Nickel-catalyzed Câ€“H activation of purine bases with alkyl halides. Chemical Communications, 2017, 53, 9113-9116.	2.2	36
11	Secondary Phosphine Oxide Preligands for Palladiumâ€Catalyzed Câ€“H (Hetero)Arylations: Efficient Access to Pybox Ligands. Advanced Synthesis and Catalysis, 2017, 359, 3137-3141.	2.1	20
12	Switching of â€œRollover Pathwayâ€•in Rhodium(III)-Catalyzed Câ€“H Activation of Chelating Molecules. ACS Catalysis, 2016, 6, 709-713.	5.5	75
13	Rhodium(III)â€“N-Heterocyclic Carbene-Driven Cascade Câ€“H Activation Catalysis. ACS Catalysis, 2015, 5, 2692-2696.	5.5	111
14	Wingtip-Dictated Cyclometalation of N-Heterocyclic Carbene Ligand Framework and Its Implication toward Tunable Catalytic Activity. Organometallics, 2014, 33, 7118-7124.	1.1	31
15	Single-Step Substitution of all the Î±, Î²-Positions in Pyrrole: Choice of Binuclear versus Multinuclear Complex of the Novel Polydentate Ligand. Inorganic Chemistry, 2014, 53, 4117-4129.	1.9	27
16	Exploring a unique reactivity of N-heterocyclic carbenes (NHC) in rhodium(<scp>iii</scp>)-catalyzed intermolecular Câ€“H activation/annulation. Chemical Communications, 2014, 50, 15159-15162.	2.2	68
17	Unsubstituted quinoidal pyrrole and its reaction with oxygen, charge transfer and palladium(<scp>ii</scp>) complexes via DDQ oxidation. RSC Advances, 2014, 4, 45603-45611.	1.7	11
18	A New Type of Palladium-Pincer Complexes Generated via Hydrolytic Ring-Opening of Imidazole-2-ylidenes. Organometallics, 2014, 33, 3215-3218.	1.1	13

#	Article	IF	Citations
19	Mononuclear, helical binuclear palladium and lithium complexes bearing a new pyrrole-based NNN-pincer ligand: fluxional property. Dalton Transactions, 2012, 41, 9503.	1.6	38
20	Synthesis and structural characterization of Pd(II) complexes containing 2,6-bis[(dimethylamino)methyl]-4-methylphenolate ligand. Inorganica Chimica Acta, 2011, 372, 412-416.	1.2	3
21	Azatripyrrolic and Azatetrapyrrolic Macrocycles from the Mannich Reaction of Pyrrole: Receptors for Anions. Organic Letters, 2010, 12, 3212-3215.	2.4	26