

Debashis Ghosh

List of Publications by Year in descending order

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papers

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567281

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#	ARTICLE	IF	CITATIONS
1	Rhodium-Catalyzed Directed C-H Amidation of Imidazoheterocycles with Dioxazolones. <i>Organic Letters</i> , 2019, 21, 4905-4909.	4.6	55
2	Electrochemical Functionalization of Imidazopyridine and Indazole: An Overview. <i>Advanced Synthesis and Catalysis</i> , 2021, 363, 5047-5071.	4.3	49
3	Three-Component Carbosilylation of Alkenes by Merging Iron and Visible-Light Photocatalysis. <i>Organic Letters</i> , 2021, 23, 6510-6514.	4.6	38
4	Manganese complexes with non-porphyrin N ₄ ligands as recyclable catalyst for the asymmetric epoxidation of olefins. <i>Catalysis Science and Technology</i> , 2014, 4, 208-217.	4.1	32
5	Visible-light-induced metal-free coupling of C(sp ³)-H sources with heteroarenes. <i>Green Chemistry</i> , 2022, 24, 3056-3080.	9.0	29
6	Supramolecular Photocatalyst with a Rh(III)-Complex Catalyst Unit for CO ₂ Reduction. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 2648-2657.	6.7	26
7	Visible light-induced functionalization of indazole and pyrazole: a recent update. <i>Chemical Communications</i> , 2022, 58, 4435-4455.	4.1	26
8	Visible-light-promoted oxidative coupling of styrene with cyclic ethers. <i>Science China Chemistry</i> , 2020, 63, 42-46.	8.2	25
9	A Ru(II)-Mn(I) Supramolecular Photocatalyst for CO ₂ Reduction. <i>Organometallics</i> , 2020, 39, 1511-1518.	2.3	24
10	Titanium complexes of chiral amino alcohol derived Schiff bases as efficient catalysts in asymmetric oxidation of prochiral sulfides with hydrogen peroxide as an oxidant. <i>Journal of Molecular Catalysis A</i> , 2012, 361-362, 36-44.	4.8	22
11	Synthesis of Chiral Ligands with Multiple Stereogenic Centers and Their Application in Titanium(IV)-Catalyzed Enantioselective Desymmetrization of <i>meso</i> -Epoxides. <i>ChemCatChem</i> , 2013, 5, 2336-2342.	3.7	22
12	Catalytic Hydride Transfer to CO ₂ Using Ru-NAD-Type Complexes under Electrochemical Conditions. <i>Inorganic Chemistry</i> , 2017, 56, 11066-11073.	4.0	22
13	Organocatalyzed Enantioselective Allylation of Isatins by Using a Chiral Amino Alcohol Derived Squaramide as Catalyst. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 2801-2806.	2.4	20
14	Synthetically amenable amide derivatives of tosylated-amino acids as organocatalysts for enantioselective allylation of aldehydes: computational rationale for enantioselectivity. <i>Organic and Biomolecular Chemistry</i> , 2013, 11, 3451.	2.8	19
15	Ordered short channel mesoporous silica modified with 1,3,5-triazine-piperazine as a versatile recyclable basic catalyst for cross-aldol, Knoevenagel and conjugate addition reactions with isatins. <i>RSC Advances</i> , 2015, 5, 17843-17850.	3.6	18
16	Oxazoline derivatives tagged with tosylated amino acids as recyclable organocatalysts for enantioselective allylation of aldehydes. <i>RSC Advances</i> , 2014, 4, 12257.	3.6	14
17	More Than Just a Reagent: The Rise of Renewable Organohydrides for Catalytic Reduction of Carbon Dioxide. <i>ChemSusChem</i> , 2021, 14, 824-841.	6.8	13
18	Asymmetric allylation of sulfonyl imines catalyzed by in situ generated Cu(II) complexes of chiral amino alcohol based Schiff bases. <i>RSC Advances</i> , 2014, 4, 56424-56433.	3.6	12

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19	Ligand-Assisted Electrochemical CO ₂ Reduction by Ru-Polypyridyl Complexes. <i>European Journal of Inorganic Chemistry</i> , 2020, 2020, 1814-1818.	2.0	12
20	Base assisted C=C coupling between carbonyl and polypyridyl ligands in a Ru-NADH-type carbonyl complex. <i>Dalton Transactions</i> , 2017, 46, 4373-4381.	3.3	10
21	Four-Electron Reduction of a New Ruthenium Dicarbonyl Complex Having Two NAD Model Ligands through Decarboxylation in Water. <i>Inorganic Chemistry</i> , 2016, 55, 11613-11616.	4.0	9
22	Photochemical H ₂ Evolution Using a Ru-Rh Supramolecular Photocatalyst. <i>Energy & Fuels</i> , 2021, 35, 19069-19080.	5.1	8
23	Synthesis of Unsymmetrical Biheteroarenes <i>via</i> Dehydrogenative and Decarboxylative Coupling: a Decade Update. <i>Chemical Record</i> , 2022, 22, e202100288.	5.8	7
24	Phosphotungstic Acid as an Efficient Catalyst for Allylation of Isatins and <i>N</i> -tert-Butyloxycarbonylamido Sulfones Under Solvent-Free Conditions. <i>Asian Journal of Organic Chemistry</i> , 2014, 3, 1173-1181.	2.7	6
25	Electrochemical behavior of a Rh(pentamethylcyclopentadienyl) complex bearing an NAD ⁺ /NADH-functionalized ligand. <i>Dalton Transactions</i> , 2018, 47, 5207-5216.	3.3	2
26	Zwitterionic imidazolium salt: an effective green organocatalyst in synthetic chemistry. <i>ChemistrySelect</i> , 2021, .	1.5	0