

Arghya Deb

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

1,844
citations

430874

18
h-index

677142

22
g-index

32
all docs

32
docs citations

32
times ranked

1963
citing authors

#	ARTICLE	IF	CITATIONS
1	Remote <i>para</i> -C ^H Functionalization of Arenes by a D-Shaped Biphenyl Template-Based Assembly. <i>Journal of the American Chemical Society</i> , 2015, 137, 11888-11891.	13.7	302
2	Oxidative Trifluoromethylation of Unactivated Olefins: An Efficient and Practical Synthesis of \pm -Trifluoromethyl-Substituted Ketones. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 9747-9750.	13.8	271
3	Palladium-Catalyzed Aryl C ^H Olefination with Unactivated, Aliphatic Alkenes. <i>Journal of the American Chemical Society</i> , 2014, 136, 13602-13605.	13.7	214
4	A general and efficient aldehyde decarbonylation reaction by using a palladium catalyst. <i>Chemical Communications</i> , 2012, 48, 4253.	4.1	164
5	Experimental and Computational Studies on Remote \hat{I}^3 -C(sp ³) ^H Silylation and Germanylation of Aliphatic Carboxamides. <i>ACS Catalysis</i> , 2017, 7, 8171-8175.	11.2	102
6	Detailed Mechanistic Studies on Palladium-Catalyzed Selective C ^H Olefination with Aliphatic Alkenes: A Significant Influence of Proton Shuttling. <i>Journal of the American Chemical Society</i> , 2017, 139, 763-775.	13.7	99
7	Promoting Highly Diastereoselective \hat{I}^3 -C ^H Chalcogenation of \hat{I}^1 -Amino Acids and Aliphatic Carboxylic Acids. <i>ACS Catalysis</i> , 2018, 8, 2664-2669.	11.2	87
8	Iron-Catalyzed Direct C ^H Arylation of Heterocycles and Quinones with Arylboronic Acids. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 5251-5256.	2.4	86
9	Iron-Mediated Decarboxylative Trifluoromethylation of \hat{I}^1, \hat{I}^2 -Unsaturated Carboxylic Acids with Trifluoromethanesulfinate. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 5247-5250.	2.4	86
10	Chelation-Assisted Palladium-Catalyzed \hat{I}^3 -Arylation of Aliphatic Carboxylic Acid Derivatives. <i>Advanced Synthesis and Catalysis</i> , 2017, 359, 1301-1307.	4.3	65
11	The regioselective iodination of quinolines, quinolones, pyridones, pyridines and uracil. <i>Chemical Communications</i> , 2015, 51, 17744-17747.	4.1	49
12	Emergence of Unactivated Olefins for the Synthesis of Olefinated Arenes. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 1239-1252.	2.4	49
13	Copper/P(<i>t</i> -Bu) ₃ -Mediated Regiospecific Synthesis of Fused Furans and Naphthofurans. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 1111-1115.	13.8	47
14	Asymmetric Radical Process for General Synthesis of Chiral Heteroaryl Cyclopropanes. <i>Journal of the American Chemical Society</i> , 2021, 143, 11121-11129.	13.7	36
15	Graphene oxide grafted with iridium complex as a superior heterogeneous catalyst for chemical fixation of carbon dioxide to dimethylformamide. <i>Carbon</i> , 2016, 100, 632-640.	10.3	27
16	Trifluoromethylation of Allenes: An Expedient Access to \hat{I}^1 -Trifluoromethylated Enones at Room Temperature. <i>Chemistry - A European Journal</i> , 2019, 25, 750-753.	3.3	27
17	Generation of Arylated Quinones by Iron-Catalyzed Oxidative Arylation of Phenols: Formal Synthesis of Phellodonin, Sarcodonin $\hat{\mu}$, Leucomelone and Betulinan A. <i>Advanced Synthesis and Catalysis</i> , 2014, 356, 705-710.	4.3	20
18	Cu(<i>scp</i>) ₂ catalysed chemoselective oxidative transformation of thiourea to thioamidoguanidine/2-aminobenzothiazole. <i>RSC Advances</i> , 2013, 3, 438-446.	3.6	13

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19	Copper/P(<i>t</i> -Bu) ₃ -Mediated Regiospecific Synthesis of Fused Furans and Naphthofurans. <i>Angewandte Chemie</i> , 2017, 129, 1131-1135.	2.0	10
20	Synthetic Reprogramming of Kinases Expands Cellular Activities of Proteins. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	10
21	Rational Design of Silicon-Based Zinc Ionophores. <i>Angewandte Chemie - International Edition</i> , 2022, , e202201698.	13.8	2
22	Synthetic Reprogramming of Kinases Expands Cellular Activities of Proteins. <i>Angewandte Chemie</i> , 0, , .	2.0	1
23	Rational Design of Silicon-Based Zinc Ionophores. <i>Angewandte Chemie</i> , 0, , .	2.0	0