

Avijit Goswami

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	A metal-free BF ₃ ·OEt ₂ mediated chemoselective protocol for the synthesis of propargylic cyclic imines. <i>Organic and Biomolecular Chemistry</i> , 2022, 20, 4933-4941.	2.8	7
2	A Facile Transition Metal-Free Ionic Liquid [BMIM]OH Mediated Regio- and Stereoselective Hydrocarboxylation of Alkynyl Nitriles. <i>European Journal of Organic Chemistry</i> , 2021, 2021, 429-435.	2.4	3
3	A periodic development of BPA and BSH based derivatives in boron neutron capture therapy (BNCT). <i>Chemical Communications</i> , 2021, 57, 827-839.	4.1	29
4	Transition-Metal-Free HFIP-Mediated Organo Chalcogenylation of Arenes/Indoles with Thio-/Selenocyanates. <i>Journal of Organic Chemistry</i> , 2021, 86, 9317-9327.	3.2	15
5	Temperature-Controlled Chemoselective Synthesis of Thiosulfonates and Thiocyanates: Novel Reactivity of KXCN (X=S, Se) towards Organosulfonyl Chlorides. <i>European Journal of Organic Chemistry</i> , 2021, 2021, 5359-5366.	2.4	10
6	Synthesis of Thio-/Selenopyrrolines via SnCl ₄ -Catalyzed (3+2)-Cycloadditions of Donor-Acceptor Cyclopropanes with Thio-/Selenocyanates. <i>European Journal of Organic Chemistry</i> , 2021, 2021, 4683-4689.	2.4	5
7	Chemoselective Ru ^{II} -Catalyzed Synthesis of Aryl Thiocyanates and Stepwise Double [2+2+2] Cycloadditions to Aryl Thiopyridines. <i>European Journal of Organic Chemistry</i> , 2020, 2020, 4606-4611.	2.4	3
8	An Expedient and Environmentally Benign Approach to Aryl/Heteroaryl Selenopyridines via Ruthenium Catalyzed [2+2+2] Cycloadditions. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 4694-4700.	2.4	12
9	An Atom-Economical Approach to Aryloxypyridines and 2,2,3-Diaryloxybipyridines via Ruthenium-Catalyzed [2+2+2] Cycloadditions. <i>Advanced Synthesis and Catalysis</i> , 2019, 361, 4379-4385.	4.3	8
10	An Atom-Economical Approach to Triazolyl Thio-/Seleno Pyridines via Ruthenium-Catalyzed One-pot [3+2]/[2+2+2] Cycloadditions. <i>Advanced Synthesis and Catalysis</i> , 2019, 361, 5483-5489.	4.3	15
11	Syntheses and Applications of Alkynyl Nitriles. <i>Asian Journal of Organic Chemistry</i> , 2019, 8, 1985-2001.	2.7	8
12	Additive-Controlled Switchable Selectivity from Cyanobenzenes to Alkynylpyridines: Ruthenium(II)-Catalyzed [2+2+2] Cycloadditions of Diynes and Alkynyl Nitriles. <i>Advanced Synthesis and Catalysis</i> , 2018, 360, 1876-1882.	4.3	30
13	A Quick Access to (2-Pyridyl)indoles via Solvent-Free Ruthenium(II)-Catalyzed Chemo- and Regioselective [2+2+2] Cycloaddition of \pm -Diynes and N-Cyanoindoles. <i>Advanced Synthesis and Catalysis</i> , 2017, 359, 314-322.	4.3	26
14	Synthesis of 3-(2-thiopyridyl)indoles via the ruthenium catalyzed [2 + 2 + 2] cycloaddition of diynes and 3-thiocyanatoindoles. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 5824-5830.	2.8	15
15	Atom-Economic Route to Cyanoarenes and 2,2-Dicyanobiarenes via Iron-Catalyzed Chemoselective [2 + 2] Cycloaddition Reactions of Diynes and Tetrynes with Alkynyl Nitriles. <i>Organic Letters</i> , 2017, 19, 3350-3353.	4.6	18
16	Synthesis and Application of Cyclic Diaryliodonium Salts: A Platform for Bifunctionalization in a Single Step. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 3023-3032.	2.4	64
17	Diverse Transformations of Boronic Compounds Promoted by Hypervalent Organoiodines(III): Unique Combined Reactivity of Two Electrophilic Compounds. <i>Advanced Synthesis and Catalysis</i> , 2017, 359, 358-371.	4.3	5
18	A Metal and Base-Free Chemoselective Primary Amination of Boronic Acids Using Cyanamidyl/Arylcyanamidyl Radical as Aminating Species: Synthesis and Mechanistic Studies by Density Functional Theory. <i>Journal of Organic Chemistry</i> , 2016, 81, 5120-5127.	3.2	26

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19	An Eco-Friendly Route to <i>N</i> -Arylindoles by Iron-Catalyzed [2+2+2] Cycloaddition of Dienes with (Indolyl)alkynes. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 7735-7742.	2.4	12
20	Organic hypervalent iodine(III) catalyzed ipso-hydroxylation of aryl- and alkylboronic acids/esters. <i>Tetrahedron Letters</i> , 2015, 56, 1524-1527.	1.4	56
21	Metal and base free synthesis of primary amines via ipso amination of organoboronic acids mediated by [bis(trifluoroacetoxy)iodo]benzene (PIFA). <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 7940-7945.	2.8	23
22	A novel transition metal free [bis-(trifluoroacetoxy)iodo]benzene (PIFA) mediated oxidative ipso nitration of organoboronic acids. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 4828-4832.	2.8	24
23	Hydroxylation of aryl- and alkylboronic acids/esters mediated by iodobenzene diacetate"an avenue for using organoboronic acids/esters as nucleophiles for hydroxylation reactions. <i>Tetrahedron Letters</i> , 2015, 56, 172-174.	1.4	38
24	Selective dimerization of 1,6-diyne catalyzed by ionic liquid-supported nickel complexes in an ionic liquid/toluene biphasic system. <i>Chemical Communications</i> , 2009, , 439-441.	4.1	21
25	Synthesis of Substituted 2,2'-Bipyridines and 2,2':6',2''-Terpyridines by Cobalt-Catalyzed Cycloaddition Reactions of Nitriles and 1,3-Diyne with Exclusive Regioselectivity. <i>Advanced Synthesis and Catalysis</i> , 2008, 350, 143-152.	4.3	67
26	Efficient Activation of 2-Minomethylpyridine/Cobalt-Based Alkyne [2+2+2] Cycloaddition Catalyst by Addition of a Silver Salt. <i>Advanced Synthesis and Catalysis</i> , 2007, 349, 2368-2374.	4.3	56
27	On-Demand Generation of an Efficient Catalyst for Pyridine Formation from Unactivated Nitriles and 1,3-Diyne Using CoCl ₂ ·6H ₂ O, dppe, and Zn. <i>Organic Letters</i> , 2007, 9, 931-934.	4.6	105
28	Access to 5-Substituted 3-Aminofuran/thiophene-2-carboxylates from Bifunctional Alkyne nitriles. <i>Advanced Synthesis and Catalysis</i> , 0, , .	4.3	1
29	Ionic Liquid-Mediated One-Pot 3-Acylimino-3 <i>H</i> -1,2-dithiole Synthesis from Thiocarboxylic Acids and Alkynyl nitriles via In Situ Generation of Disulfide Intermediates. <i>Journal of Organic Chemistry</i> , 0, , .	3.2	4