

Saroj Kumar Rout

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

1,680
citations

331670

21
h-index

677142

22
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docs citations

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times ranked

1628
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis of 1,2,4-Triazoles via Oxidative Heterocyclization: Selective N Bond Over S Bond Formation. <i>Journal of Organic Chemistry</i> , 2015, 80, 9016-9027.	3.2	30
2	Terminal Aryl Alkenes and Alkynes as Arylcarboxy Surrogates toward <i>o</i> -Benzoylation of 2-Phenylpyridine Catalyzed by Copper. <i>Organic Letters</i> , 2014, 16, 1614-1617.	4.6	60
3	Copper-Catalyzed Esterification of Alkylbenzenes with Cyclic Ethers and Cycloalkanes via C(sp ³)-H Activation Following Cross-Dehydrogenative Coupling. <i>Organic Letters</i> , 2014, 16, 3086-3089.	4.6	131
4	A Palladium-Catalyzed Synthesis of Ketoamides via Chemoselective Aroyl Addition to Cyanamides. <i>Advanced Synthesis and Catalysis</i> , 2014, 356, 2559-2565.	4.3	29
5	Iodine-catalysed oxidative cyclisation of acylhydrazones to 2,5-substituted 1,3,4-oxadiazoles. <i>RSC Advances</i> , 2014, 4, 5357.	3.6	52
6	Divergent reactivities of <i>o</i> -haloanilides with CuO nanoparticles in water: a green synthesis of benzoxazoles and <i>o</i> -hydroxyanilides. <i>RSC Advances</i> , 2014, 4, 10770.	3.6	39
7	Thioesterification of Alkylbenzenes with Thiols via Copper-Catalyzed Cross-Dehydrogenative Coupling without a Directing Group. <i>Advanced Synthesis and Catalysis</i> , 2014, 356, 3099-3105.	4.3	55
8	A metal free domino synthesis of 3-aryloindoles via two sp ³ -C-H activation. <i>Chemical Communications</i> , 2014, 50, 10445-10447.	4.1	57
9	Directing Group Assisted Copper-Catalyzed Chemoselective <i>o</i> -Aroylation of Phenols and Enols Using Alkylbenzenes. <i>Organic Letters</i> , 2013, 15, 4106-4109.	4.6	81
10	A ligand free copper(II) catalyst is as effective as a ligand assisted Pd(II) catalyst towards intramolecular C-S bond formation via C-H functionalization. <i>Tetrahedron</i> , 2013, 69, 9096-9104.	1.9	34
11	Palladium-Catalyzed <i>ortho</i> -Aroylation of 2-Arylbenzothiazoles and 2-Arylbenzoxazoles with Aldehydes. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 1367-1376.	2.4	66
12	Easy access to benzylic esters directly from alkyl benzenes under metal-free conditions. <i>Chemical Communications</i> , 2013, 49, 3031.	4.1	126
13	A Copper-Catalyzed Synthesis of 3-Aryloindoles via a sp ³ -C-H Bond Activation Followed by C-C and C-O Bond Formation. <i>Organic Letters</i> , 2013, 15, 1802-1805.	4.6	107
14	Regioselective <i>ortho</i> -hydroxylation of 2-arylbenzothiazole via substrate-directed C-H activation. <i>Tetrahedron</i> , 2013, 69, 2175-2183.	1.9	53
15	Desulfurization Strategy in the Construction of Azoles Possessing Additional Nitrogen, Oxygen or Sulfur using a Copper(I) Catalyst. <i>Advanced Synthesis and Catalysis</i> , 2012, 354, 2757-2770.	4.3	54
16	An aqueous-phase exploration of CuO nanoparticle catalysed synthesis of 2-aminobenzothiazoles. <i>Green Chemistry</i> , 2012, 14, 2491.	9.0	71
17	A one pot synthesis of [1,3,4]-oxadiazoles mediated by molecular iodine. <i>RSC Advances</i> , 2012, 2, 3180.	3.6	33
18	Four Tandem C-H Activations: A Sequential C-C and C-O Bond Making via a Pd-Catalyzed Cross Dehydrogenative Coupling (CDC) Approach. <i>Organic Letters</i> , 2012, 14, 5294-5297.	4.6	204

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19	Copper Catalyzed Oxidative Esterification of Aldehydes with Alkylbenzenes via Cross Dehydrogenative Coupling. <i>Organic Letters</i> , 2012, 14, 3982-3985.	4.6	177
20	Tandem synthesis of [1,2,4]-triazoles mediated by iodine—a regioselective approach. <i>Tetrahedron</i> , 2012, 68, 5066-5074.	1.9	17
21	Tandem regioselective synthesis of tetrazoles and related heterocycles using iodine. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 3235.	2.8	72
22	Cu(II) Catalyzed Imine C—H Functionalization Leading to Synthesis of 2,5-Substituted 1,3,4-Oxadiazoles. <i>Organic Letters</i> , 2011, 13, 5976-5979.	4.6	132