

# 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  
g-index

39  
all docs

39  
docs citations

39  
times ranked

1628  
citing authors

#	ARTICLE	IF	CITATIONS
1	Four Tandem C-H Activations: A Sequential C and O Bond Making via a Pd-Catalyzed Cross Dehydrogenative Coupling (CDC) Approach. <i>Organic Letters</i> , 2012, 14, 5294-5297.	4.6	204
2	Copper Catalyzed Oxidative Esterification of Aldehydes with Alkylbenzenes via Cross Dehydrogenative Coupling. <i>Organic Letters</i> , 2012, 14, 3982-3985.	4.6	177
3	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
4	Copper-Catalyzed Esterification of Alkylbenzenes with Cyclic Ethers and Cycloalkanes via C(sp <sup>3</sup> )-H Activation Following Cross-Dehydrogenative Coupling. <i>Organic Letters</i> , 2014, 16, 3086-3089.	4.6	131
5	Easy access to benzylic esters directly from alkyl benzenes under metal-free conditions. <i>Chemical Communications</i> , 2013, 49, 3031.	4.1	126
6	A Copper-Catalyzed Synthesis of 3-Aroylindoles via a sp <sup>3</sup> C-H Bond Activation Followed by C and O Bond Formation. <i>Organic Letters</i> , 2013, 15, 1802-1805.	4.6	107
7	Directing Group Assisted Copper-Catalyzed Chemoselective <i>ortho</i> -Aroylation of Phenols and Enols Using Alkylbenzenes. <i>Organic Letters</i> , 2013, 15, 4106-4109.	4.6	81
8	Tandem regioselective synthesis of tetrazoles and related heterocycles using iodine. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 3235.	2.8	72
9	An aqueous-phase exploration of CuO nanoparticle catalysed synthesis of 2-aminobenzothiazoles. <i>Green Chemistry</i> , 2012, 14, 2491.	9.0	71
10	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
11	Terminal Aryl Alkenes and Alkynes as Arylcarboxy Surrogates toward <i>ortho</i> -Benzoylation of 2-Phenylpyridine Catalyzed by Copper. <i>Organic Letters</i> , 2014, 16, 1614-1617.	4.6	60
12	A metal free domino synthesis of 3-aryloindoles via two sp <sup>3</sup> C-H activation. <i>Chemical Communications</i> , 2014, 50, 10445-10447.	4.1	57
13	Thioesterification of Alkylbenzenes with Thiols <i>via</i> Copper-Catalyzed Cross-Dehydrogenative Coupling without a Directing Group. <i>Advanced Synthesis and Catalysis</i> , 2014, 356, 3099-3105.	4.3	55
14	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
15	Regioselective <i>ortho</i> -hydroxylation of 2-arylbenzothiazole <i>via</i> substrate-directed C-H activation. <i>Tetrahedron</i> , 2013, 69, 2175-2183.	1.9	53
16	Iodine-catalysed oxidative cyclisation of acylhydrazones to 2,5-substituted 1,3,4-oxadiazoles. <i>RSC Advances</i> , 2014, 4, 5357.	3.6	52
17	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
18	A ligand free copper(II) catalyst is as effective as a ligand assisted Pd(II) catalyst towards intramolecular C-S bond formation <i>via</i> C-H functionalization. <i>Tetrahedron</i> , 2013, 69, 9096-9104.	1.9	34

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19	A one pot synthesis of [1,3,4]-oxadiazoles mediated by molecular iodine. RSC Advances, 2012, 2, 3180.	3.6	33
20	Synthesis of 1,2,4-Triazoles via Oxidative Heterocyclization: Selective N Bond Over S Bond Formation. Journal of Organic Chemistry, 2015, 80, 9016-9027.	3.2	30
21	A Palladium(II)-Catalyzed Synthesis of $\alpha$ -Ketoamides via Chemoselective Aryl Addition to Cyanamides. Advanced Synthesis and Catalysis, 2014, 356, 2559-2565.	4.3	29
22	Tandem synthesis of [1,2,4]-triazoles mediated by iodine a regioselective approach. Tetrahedron, 2012, 68, 5066-5074.	1.9	17