

# Sanjib Gogoi

## List of Publications by Year in descending order

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39  
papers

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citations

471509

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docs citations

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1174  
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#	ARTICLE	IF	CITATIONS
1	Recent Advances in Ruthenium(II)-Catalyzed C-H Bond Activation and Alkyne Annulation Reactions. <i>Advanced Synthesis and Catalysis</i> , 2019, 361, 654-672.	4.3	183
2	Isocoumarins: General Aspects and Recent Advances in their Synthesis. <i>Advanced Synthesis and Catalysis</i> , 2018, 360, 2063-2075.	4.3	76
3	Microwave-assisted palladium mediated efficient synthesis of pyrazolo[3,4-b]pyridines, pyrazolo[3,4-b]quinolines, pyrazolo[1,5-a]pyrimidines and pyrazolo[1,5-a]quinazolines. <i>RSC Advances</i> , 2014, 4, 24001-24006.	3.6	56
4	Ru-Catalyzed C-H activation and annulation of salicylaldehydes with monosubstituted and disubstituted alkynes. <i>Chemical Communications</i> , 2016, 52, 13004-13007.	4.1	56
5	Ruthenium(II)-Catalyzed Alkene C-H Bond Functionalization on Cinnamic Acids: A Facile Synthesis of Versatile $\beta$ -Pyrones. <i>Organic Letters</i> , 2015, 17, 5264-5267.	4.6	51
6	Ruthenium(II)-Catalyzed Synthesis of Spirobenzofuranones by a Decarbonylative Annulation Reaction. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 456-460.	13.8	51
7	Ruthenium-catalyzed decarbonylative addition reaction of anhydrides with alkynes: a facile synthesis of isocoumarins and $\beta$ -pyrones. <i>Chemical Communications</i> , 2015, 51, 9972-9974.	4.1	44
8	The amide C-N bond of isatins as the directing group and the internal oxidant in Ru-catalyzed C-H activation and annulation reactions: access to 8-amido isocoumarins. <i>Chemical Communications</i> , 2016, 52, 9809-9812.	4.1	44
9	Carbon-Carbon Bond Cleavage Reaction: Synthesis of Multisubstituted Pyrazolo[1,5- <i>a</i> ]pyrimidines. <i>Journal of Organic Chemistry</i> , 2015, 80, 6885-6889.	3.2	41
10	Ru(II)-Catalyzed C-H Activation and Annulation Reaction via Carbon-Carbon Triple Bond Cleavage. <i>Organic Letters</i> , 2018, 20, 2297-2300.	4.6	38
11	Efficient synthesis of isoquinolines and pyridines via copper(i)-catalyzed multi-component reaction. <i>RSC Advances</i> , 2014, 4, 14013.	3.6	36
12	Ruthenium(II)-Catalyzed Oxidative Double C-H Activation and Annulation Reaction: Synthesis of Indolo[2,1- <i>a</i> ]isoquinolines. <i>Organic Letters</i> , 2019, 21, 7878-7882.	4.6	29
13	Ru(ii)-Catalyzed annulation of benzamides and alkynes by C-H/N-H activation: a facile synthesis of 1-aminoisoquinolines. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 3491-3498.	2.8	28
14	Ruthenium(II)-Catalyzed Dearomatized C-H Activation and Annulation Reaction of Vinylnaphthols with Alkynes: Access to Spiro-Pentacyclic Naphthalenones. <i>Chemistry - A European Journal</i> , 2018, 24, 10196-10200.	3.3	24
15	Recent Advances in Metal-Catalyzed C-H Bond Functionalization Reactions of Sulfoxonium Ylides. <i>Asian Journal of Organic Chemistry</i> , 2022, 11, .	2.7	23
16	Palladium-Catalyzed One-Pot Sonogashira Coupling, <i>exo</i> -Cyclization and Hydride Transfer Reaction: Synthesis of Pyridine-Substituted Pyrroles. <i>Advanced Synthesis and Catalysis</i> , 2015, 357, 1187-1192.	4.3	20
17	Pd(II)-Catalyzed Synthesis of Alkylidene Phthalides via a Decarbonylative Annulation Reaction. <i>Organic Letters</i> , 2019, 21, 2768-2771.	4.6	20
18	Cascade imination, Buchwald-Hartwig cross coupling and cycloaddition reaction: synthesis of pyrido[2,3- <i>d</i> ]pyrimidines. <i>RSC Advances</i> , 2015, 5, 23210-23212.	3.6	18

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19	Ru(II)-Catalyzed and Ligand-Controlled C-H Activation and Annulation via 1,2-Phenyl Shift: Synthesis of Quaternary Carbon-Centered Pyrimidoindolones. <i>Organic Letters</i> , 2018, 20, 3753-3757.	4.6	18
20	The novel trisubstituted pyran derivative D-142 has triple monoamine reuptake inhibitory activity and exerts potent antidepressant-like activity in rodents. <i>European Journal of Pharmacology</i> , 2011, 671, 39-44.	3.5	17
21	Synthesis of steroidal and nonsteroidal vicinal heterocyclic alcohols, N-(1-cycloalkenyl)heterocycles and their antibacterial studies. <i>Steroids</i> , 2014, 84, 36-45.	1.8	17
22	Copper-Catalyzed C-N, C-O Coupling Reaction of Arylglyoxylic Acids with Isatins. <i>Advanced Synthesis and Catalysis</i> , 2016, 358, 3046-3049.	4.3	17
23	Simple Ultrasound-Assisted Synthesis of 3,4-Dihydropyrimidin-2(1H)-one and 3,4-Dihydropyrimidine-2(1H)-thione-Fused Steroidal Derivatives by a Three-Component Reaction. <i>Synthesis</i> , 2012, 44, 2614-2622.	2.3	15
24	Palladium mediated regioselective intramolecular Heck reaction: synthesis of 1,3,4-trisubstituted pyrazolo[3,4-b]pyridines, 3H-pyrazolo[3,4-c]isoquinolines and 3H-pyrazolo[4,3-f][1,7]naphthyridines. <i>RSC Advances</i> , 2015, 5, 21099-21102.	3.6	13
25	Palladium(ii)-catalyzed vinylic geminal double C-H activation and alkyne annulation reaction: synthesis of pentafulvenes. <i>Chemical Communications</i> , 2020, 56, 1133-1136.	4.1	13
26	Synthesis of quaternary carbon-centered indolo[1,2-a]quinazolinones and indazolo[1,2-a]indazolones via C-H functionalization. <i>Chemical Communications</i> , 2021, 57, 1388-1391.	4.1	13
27	An efficient route for annulation of pyrimidines to steroids and non-steroids via a base catalyzed one-pot three component reaction. <i>Steroids</i> , 2014, 88, 1-6.	1.8	11
28	Directing group assisted copper-mediated arylation of phenols using 2-bromoacetophenones. <i>Chemical Communications</i> , 2017, 53, 9133-9135.	4.1	11
29	Ru <sup>II</sup> -Catalyzed Regioselective Debrominative Annulation Reaction of Salicylaldehydes and Propargyl Bromide: Synthesis of 2-Methylchromones. <i>Asian Journal of Organic Chemistry</i> , 2018, 7, 918-921.	2.7	10
30	Ruthenium(II)-Catalyzed Synthesis of Spirobenzofuranones by a Decarbonylative Annulation Reaction. <i>Angewandte Chemie</i> , 2018, 130, 465-469.	2.0	10
31	An improved asymmetric synthetic route to a novel triple uptake inhibitor antidepressant (2S,4R,5R)-2-benzhydryl-5-((4-methoxybenzyl)amino)tetrahydro-2H-pyran-4-ol (D-142). <i>Tetrahedron: Asymmetry</i> , 2011, 22, 1081-1086.	1.8	9
32	Structural Exploration of (3S,6S)-6-Benzhydryl-N-benzyltetrahydro-2H-pyran-3-amine Analogues: Identification of Potent Triple Monoamine Reuptake Inhibitors as Potential Antidepressants. <i>ChemMedChem</i> , 2012, 7, 2093-2100.	3.2	9
33	Ru(II)-Catalyzed cascade decarbonylative annulation and dehydrogenative alkenylation reactions: synthesis of phthalides. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 2997-3003.	2.8	5
34	Recent advances in decarbonylative annulation reactions. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 8853-8873.	2.8	5
35	A Rapid and Convenient Microwave-Promoted Synthesis of 3,5-Disubstituted 2-Chloropyridines and Their Conversion into Tetrazolo[1,5-a]pyridines. <i>Synthesis</i> , 2013, 45, 219-224.	2.3	4
36	Pd-Catalyzed alkyne annulation through allylic isomerization: synthesis of spiro-cyclopentadiene pyrazolones. <i>Chemical Communications</i> , 2021, 57, 6027-6030.	4.1	3

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37	Novel Potent Dopamineâ€“Norepinephrine and Triple Reuptake Uptake Inhibitors Based on Asymmetric Pyran Template and Their Molecular Interactions with Monoamine Transporters. ACS Chemical Neuroscience, 2021, 12, 1406-1418.	3.5	3
38	Ruthenium (<sc>ii</sc>)-catalyzed decarbonylative and decarboxylative coupling of isatoic anhydrides with salicylaldehydes: access to aryl 2-aminobenzoates. Organic and Biomolecular Chemistry, 2021, 19, 2725-2730.	2.8	2
39	Pd (<sc>ii</sc>)-Catalyzed regioselective functionalization of antipyrines: synthesis of pyrazolono-maleimides and pyrazolono-quinones. Organic and Biomolecular Chemistry, 2021, 19, 5333-5341.	2.8	1