

# Sumit Ghosh

## List of Publications by Year in descending order

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Version: 2024-02-01

22  
papers

1,611  
citations

623734

14  
h-index

752698

20  
g-index

22  
all docs

22  
docs citations

22  
times ranked

1755  
citing authors

#	ARTICLE	IF	CITATIONS
1	Visible-light-induced metal-free coupling of C(sp <sup>3</sup> )-H sources with heteroarenes. <i>Green Chemistry</i> , 2022, 24, 3056-3080.	9.0	29
2	Visible light-induced functionalization of indazole and pyrazole: a recent update. <i>Chemical Communications</i> , 2022, 58, 4435-4455.	4.1	26
3	Visible-light-mediated metal-free C-Si bond formation reactions. <i>ChemistrySelect</i> , 2022, .	1.5	1
4	Synthesis of Unsymmetrical Biheteroarenes <i>via</i> Dehydrogenative and Decarboxylative Coupling: a Decade Update. <i>Chemical Record</i> , 2022, 22, e202100288.	5.8	7
5	Recent Advances in Microwave-Assisted Cross-Coupling Reactions. <i>Asian Journal of Organic Chemistry</i> , 2022, 11, .	2.7	7
6	Visible-light-induced silylation: an update. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 2399-2415.	2.8	42
7	Light-induced borylation: developments and mechanistic insights. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 4397-4428.	2.8	39
8	Advances in Transition-Metal Catalyzed Carbonylative Suzuki-Miyaura Coupling Reaction: An Update. <i>Advanced Synthesis and Catalysis</i> , 2021, 363, 1597-1624.	4.3	51
9	Three-Component Carbosilylation of Alkenes by Merging Iron and Visible-Light Photocatalysis. <i>Organic Letters</i> , 2021, 23, 6510-6514.	4.6	38
10	One-Pot Construction of Indolo[2,3- <i>b</i> ]quinoxalines through Ruthenium-Catalyzed <i>Ortho</i> C-H Bond Functionalization of 2-Arylquinoxalines with Sulfonyl Azides. <i>Organic Letters</i> , 2021, 23, 7624-7629.	4.6	13
11	Electrochemical Functionalization of Imidazopyridine and Indazole: An Overview. <i>Advanced Synthesis and Catalysis</i> , 2021, 363, 5047-5071.	4.3	49
12	Zwitterionic imidazolium salt: an effective green organocatalyst in synthetic chemistry. <i>ChemistrySelect</i> , 2021, .	1.5	0
13	Ortho C-H Functionalization of 2-Arylimidazo[1,2- <i>a</i> ]pyridines. <i>Chemical Record</i> , 2021, , .	5.8	12
14	Aminomethylation of imidazopyridines using N,N-dimethylformamide as an aminomethylating reagent under Cu(II)-catalysis. <i>Tetrahedron Letters</i> , 2020, 61, 152581.	1.4	13
15	Visible light promoted cross-dehydrogenative coupling: a decade update. <i>Green Chemistry</i> , 2020, 22, 6632-6681.	9.0	132
16	Trifunctionalization of alkenes and alkynes. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 7948-7976.	2.8	27
17	Advances in Oxosulfonylation Reaction. <i>Advanced Synthesis and Catalysis</i> , 2020, 362, 4552-4578.	4.3	34
18	Direct Catalytic Functionalization of Indazole Derivatives. <i>Advanced Synthesis and Catalysis</i> , 2020, 362, 3768-3794.	4.3	70

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19	Fe( <sup>iii</sup> )-Catalyzed synthesis of steroidal imidazoheterocycles as potent antiproliferative agents. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 5571-5576.	2.8	25
20	Cisplatin: The first metal based anticancer drug. <i>Bioorganic Chemistry</i> , 2019, 88, 102925.	4.1	961
21	Luminescent Eu 3+ and Tb 3+ complexes of 4-aminophenyl terpyridine (ptpy): Photophysical aspects, DNA and serum protein binding properties. <i>Journal of Luminescence</i> , 2017, 187, 46-52.	3.1	30
22	Asymmetric C(sp <sup>3</sup> )â€H Borylation: An Update. <i>Organic and Biomolecular Chemistry</i> , 0, , .	2.8	5