

# Swayamsiddha Kar

## List of Publications by Year in descending order

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14  
papers

94  
citations

1478505

6  
h-index

1474206

9  
g-index

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docs citations

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times ranked

101  
citing authors

#	ARTICLE	IF	CITATIONS
1	In silico modeling and synthesis of phenyl and thienyl analogs of chalcones for potential leads as anti-bacterial agents. <i>Journal of Molecular Structure</i> , 2018, 1156, 433-440.	3.6	11
2	Synthesis of diarylidencyclohexanone derivatives as potential anti-inflammatory leads against COX-2/mPGES1 and 5-LOX. <i>New Journal of Chemistry</i> , 2019, 43, 9012-9020.	2.8	11
3	Synthesis, characterization and structure-activity relationship of non-linear optical response of chalcone derivatives with in silico insights. <i>Chemical Papers</i> , 2021, 75, 2603-2615.	2.2	11
4	Nonlinear optical studies and structure-activity relationship of chalcone derivatives with in silico insights. <i>Journal of Molecular Structure</i> , 2017, 1139, 294-302.	3.6	10
5	Synthesis, mechanistic and synergy studies of diarylidencyclohexanone derivatives as new antiplasmodial pharmacophores. <i>Medicinal Chemistry Research</i> , 2018, 27, 2312-2324.	2.4	8
6	Microbial cyclic $\beta$ -(1 $\rightarrow$ 3),(1 $\rightarrow$ 6)-glucans as potential drug carriers: Interaction studies between cyclic $\beta$ -glucans isolated from <i>Bradyrhizobium japonicum</i> and betulinic acid. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018, 203, 494-500.	3.9	7
7	Bioremoval capacity of recalcitrant azo dye Congo red by soil fungus <i>Aspergillus arcoverdensis</i> SSSIHL-01. <i>Bioremediation Journal</i> , 2023, 27, 32-43.	2.0	7
8	Synthesis of novel spirobibenzopyrans as potent anticancer leads inducing apoptosis in HeLa cells. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2020, 30, 127199.	2.2	6
9	A microwave-assisted copper-mediated tandem approach for fused quinazoline derivatives. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 1854-1859.	2.8	6
10	$\text{SiCl}_4$ mediated one-pot synthesis of novel spirobibenzopyrans as potent anticancer agents. <i>New Journal of Chemistry</i> , 2019, 43, 4669-4673.	2.8	5
11	Benzopyrylium salts as new anticancer, antibacterial, and antioxidant agents. <i>Medicinal Chemistry Research</i> , 2021, 30, 877-885.	2.4	5
12	$\text{SmI}_2$ -mediated C-alkylation of Ketones with Alcohols under Microwave Conditions: A Novel Route to Alkylated Ketones. <i>Chemistry - an Asian Journal</i> , 2022, 17, .	3.3	3
13	Exploring the unexpected formation of spirobibenzopyrans and benzopyrylium salts and effect of Lewis acids on the Claisen-Schmidt reaction. <i>Journal of Molecular Structure</i> , 2021, 1240, 130598.	3.6	2
14	$\text{Cu(I)}$ -Catalyzed Microwave-Assisted Multicomponent Reaction Towards Synthesis of Diverse Fluorescent Quinazolino[4,3- <i>b</i> ]quinazolinones and Their Photophysical Study. <i>ChemistrySelect</i> , 2022, 7, .	1.5	2