

# Sandip Murarka

## List of Publications by Year in descending order

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33  
papers

2,180  
citations

331670

21  
h-index

377865

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44  
all docs

44  
docs citations

44  
times ranked

1959  
citing authors

#	ARTICLE	IF	CITATIONS
1	<i>N</i> -(Acyloxy)phthalimides as Redox-Active Esters in Cross-Coupling Reactions. <i>Advanced Synthesis and Catalysis</i> , 2018, 360, 1735-1753.	4.3	294
2	Catalytic Enantioselective Intramolecular Redox Reactions: Ring-Fused Tetrahydroquinolines. <i>Journal of the American Chemical Society</i> , 2009, 131, 13226-13227.	13.7	228
3	Single Electron Transfer-Induced Redox Processes Involving <i>N</i> -(Acyloxy)phthalimides. <i>ACS Catalysis</i> , 2021, 11, 1640-1683.	11.2	190
4	Lewis Acid Catalyzed Formation of Tetrahydroquinolines via an Intramolecular Redox Process. <i>Organic Letters</i> , 2009, 11, 129-132.	4.6	182
5	Facile Formation of Cyclic Aminals through a Brønsted Acid-Promoted Redox Process. <i>Journal of Organic Chemistry</i> , 2009, 74, 419-422.	3.2	180
6	Identification of pyrazolopyridazinones as PDE4 inhibitors. <i>Nature Communications</i> , 2016, 7, 11360.	12.8	137
7	Phenyl Hydrazine as Initiator for Direct Arene C-H Arylation via Base Promoted Homolytic Aromatic Substitution. <i>Organic Letters</i> , 2013, 15, 6102-6105.	4.6	109
8	A PDE4-KRas Inhibitor Chemotype with up to Seven H-Bonds and Picomolar Affinity that Prevents Efficient Inhibitor Release by Arl2. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 2423-2428.	13.8	78
9	Covalent Protein Labeling at Glutamic Acids. <i>Cell Chemical Biology</i> , 2017, 24, 589-597.e5.	5.2	67
10	Late stage functionalization of heterocycles using hypervalent iodine(III) reagents. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 6326-6341.	2.8	63
11	Transition-Metal-Free Sonogashira-Type Coupling of <i>ortho</i> -Substituted Aryl and Alkynyl Grignard Reagents by Using 2,2,6,6-Tetramethylpiperidine- <i>N</i> -oxyl Radical as an Oxidant. <i>Organic Letters</i> , 2010, 12, 3878-3881.	4.6	61
12	Structure Guided Design and Kinetic Analysis of Highly Potent Benzimidazole Inhibitors Targeting the PDE4 Prenyl Binding Site. <i>Journal of Medicinal Chemistry</i> , 2014, 57, 5435-5448.	6.4	60
13	Zinc Triflate Catalyzed Aerobic Cross-Dehydrogenative Coupling (CDC) of Alkynes with Nitrones: A New Entry to Isoxazoles. <i>Organic Letters</i> , 2011, 13, 2746-2749.	4.6	59
14	Multicomponent Synthesis of Biologically Relevant <i>S</i> -Aryl Dithiocarbamates Using Diaryliodonium Salts. <i>Organic Letters</i> , 2021, 23, 6401-6406.	4.6	42
15	Transition Metal-Free TEMPO-Catalyzed Oxidative Cross-Coupling of Nitrones with Alkynyl Grignard Reagents. <i>Advanced Synthesis and Catalysis</i> , 2011, 353, 2708-2714.	4.3	39
16	Organophotoredox-Catalyzed Cascade Radical Annulation of 2-(Allyloxy)arylaldehydes with <i>N</i> -(acyloxy)phthalimides: Towards Alkylated Chromanone Derivatives. <i>Chemistry - an Asian Journal</i> , 2020, 15, 568-572.	3.3	36
17	Radical/Anionic $S_{RN}1$ Type Polymerization for Preparation of Oligoarenes. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 12362-12366.	13.8	35
18	Organophotoredox-Catalyzed Late-Stage Functionalization of Heterocycles. <i>Asian Journal of Organic Chemistry</i> , 2021, 10, 1848-1860.	2.7	32

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19	Oxidative Heterocycle Formation Using Hypervalent Iodine(III) Reagents. Topics in Current Chemistry, 2015, 373, 75-104.	4.0	31
20	An organophotoredox-catalyzed redox-neutral cascade involving <i>N</i> -(acyloxy)phthalimides and maleimides. Organic Chemistry Frontiers, 2021, 8, 2256-2262.	4.5	30
21	Late-Stage Alkylation of Heterocycles Using <i>N</i> -(Acyloxy)phthalimides. Chemistry - an Asian Journal, 2021, 16, 879-889.	3.3	29
22	Development of Pyridazinone Chemotypes Targeting the PDE $\delta$ Prenyl Binding Site. Chemistry - A European Journal, 2017, 23, 6083-6093.	3.3	26
23	PDE $\delta$ inhibition impedes the proliferation and survival of human colorectal cancer cell lines harboring oncogenic KRas. International Journal of Cancer, 2019, 144, 767-776.	5.1	24
24	Metal-Catalyzed Oxidative Coupling of Ketones and Ketone Enolates. Synthesis, 2018, 50, 2150-2162.	2.3	22
25	An organophotoredox-catalyzed redox-neutral cascade involving <i>N</i> -(acyloxy)phthalimides and allenamides: synthesis of indoles. Chemical Communications, 2021, 57, 13130-13133.	4.1	22
26	TEMPO-mediated homocoupling of aryl Grignard reagents: mechanistic studies. Organic and Biomolecular Chemistry, 2015, 13, 2762-2767.	2.8	21
27	Transition-metal-free Oxidative Coupling Reactions for the Formation of C=C and C=N Bonds Mediated by TEMPO and its Derivatives. Chimia, 2012, 66, 413-417.	0.6	18
28	Rhodium(II)-Catalyzed Enantioselective Synthesis of Troponoids. Angewandte Chemie - International Edition, 2015, 54, 7653-7656.	13.8	18
29	Multicomponent Synthesis of Biologically Relevant <i>S</i> -Diarylmethane Dithiocarbamates Using <i>p</i> -Quinone Methides. Advanced Synthesis and Catalysis, 2022, 364, 1549-1554.	4.3	9
30	Development of <i>S</i> -aryl dithiocarbamate derived novel antiproliferative compound exhibiting tubulin bundling. Bioorganic and Medicinal Chemistry, 2022, 68, 116874.	3.0	7
31	A PDE $\delta$ -KRas Inhibitor Chemotype with up to Seven H-Bonds and Picomolar Affinity that Prevents Efficient Inhibitor Release by Arl2. Angewandte Chemie, 2017, 129, 2463-2468.	2.0	6
32	Biology-Oriented Synthesis of 3,3-Spiro(2-tetrahydrofuran)oxindoles. Synthesis, 2016, 49, 87-95.	2.3	5
33	Biology-Oriented Synthesis of Decahydro-4,8-epoxyazulene Scaffolds. Synlett, 2017, 28, 2918-2922.	1.8	5