

# Santosh B Mhaske

## List of Publications by Year in descending order

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43  
papers

1,795  
citations

331670

21  
h-index

265206

42  
g-index

50  
all docs

50  
docs citations

50  
times ranked

2097  
citing authors

#	ARTICLE	IF	CITATIONS
1	The chemistry of recently isolated naturally occurring quinazolinone alkaloids. <i>Tetrahedron</i> , 2006, 62, 9787-9826.	1.9	637
2	Transition-Metal-Free C-S Bond Formation: A Facile Access to Aryl Sulfones from Sodium Sulfinates via Arynes. <i>Organic Letters</i> , 2014, 16, 3836-3839.	4.6	97
3	Regioselective Quinazolinone-Directed Ortho Lithiation of Quinazolinoylquinoline: A Practical Synthesis of Naturally Occurring Human DNA Topoisomerase I Poison Luotonin A and Luotonins B and E. <i>Journal of Organic Chemistry</i> , 2004, 69, 4563-4566.	3.2	89
4	Concise and Efficient Synthesis of Bioactive Natural Products Pegamine, Deoxyvasicinone, and (âˆ“)-Vasicinone. <i>Journal of Organic Chemistry</i> , 2001, 66, 9038-9040.	3.2	81
5	P-Arylation: Arynes to Aryl-Phosphonates, -Phosphinates, and -Phosphine Oxides. <i>Organic Letters</i> , 2013, 15, 2218-2221.	4.6	66
6	A Switch-On NIR Probe for Specific Detection of Hg <sup>2+</sup> Ion in Aqueous Medium and in Mitochondria. <i>Inorganic Chemistry</i> , 2016, 55, 12052-12060.	4.0	57
7	Radical Beckmann Rearrangement and Its Application in the Formal Total Synthesis of Antimalarial Natural Product Isocryptolepine via C-H Activation. <i>Organic Letters</i> , 2016, 18, 3450-3453.	4.6	55
8	Transition-Metal-Catalyzed Reactions Involving Arynes. <i>Synthesis</i> , 2018, 50, 1-16.	2.3	47
9	Hexamethyldisilazane-iodine induced intramolecular dehydrative cyclization of diamides: a general access to natural and unnatural quinazolinones. <i>Tetrahedron Letters</i> , 2007, 48, 3243-3246.	1.4	45
10	Ammonium persulfate activated DMSO as a one-carbon synthon for the synthesis of methylenebisamides and other applications. <i>RSC Advances</i> , 2015, 5, 101641-101646.	3.6	42
11	Transition-Metal-Free C-Arylation at Room Temperature by Arynes. <i>Organic Letters</i> , 2012, 14, 3994-3997.	4.6	39
12	Synthesis of <i>o</i> -Methyl Trifluoromethyl Sulfide Substituted Benzophenones via 1,2-Difunctionalization of Aryne by Insertion into the C-C Bond. <i>Organic Letters</i> , 2017, 19, 2134-2137.	4.6	36
13	Pd-Catalyzed Imine Cyclization: Synthesis of Antimalarial Natural Products Aplidiopsamine A, Marinoquinoline A, and Their Potential Hybrid NCLite-M1. <i>Organic Letters</i> , 2012, 14, 5804-5807.	4.6	34
14	Pd-Catalyzed Regioselective Mono-Arylation: Quinazolinone as the Inherent Directing Group for C(sp <sup>2</sup> )-H Activation. <i>Journal of Organic Chemistry</i> , 2017, 82, 6366-6372.	3.2	33
15	Nucleophilic Nitration of Arynes by Sodium Nitrite and its Multicomponent Reaction Leading to Double-Functionalized Arenes. <i>Organic Letters</i> , 2016, 18, 3010-3013.	4.6	28
16	Cyanuric chloride: decent dehydrating agent for an exclusive and efficient synthesis of kinetically controlled isomaleimides. <i>Tetrahedron</i> , 2006, 62, 937-942.	1.9	27
17	Pd(II)-Catalyzed Intramolecular Tandem Olefin Amidation/C-H Activation Protocol for the Syntheses of the Protoberberine Class of Natural Products. <i>Organic Letters</i> , 2016, 18, 3862-3865.	4.6	27
18	Phosphine-Free Manganese(II) Catalyst Enables Acceptorless Dehydrogenative Coupling of Alcohols with Indoles. <i>Advanced Synthesis and Catalysis</i> , 2021, 363, 4430-4439.	4.3	26

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19	Diversification of Quinazolinones by Pd-Catalyzed C(sp <sup>3</sup> )-Acetoxylation. <i>Journal of Organic Chemistry</i> , 2017, 82, 10470-10478.	3.2	24
20	Application of Sulfur Ylides in 1,2-Difunctionalization of Arynes via Insertion into a C=S Ćf-Bond. <i>Organic Letters</i> , 2018, 20, 848-851.	4.6	24
21	Radical-mediated dehydrative preparation of cyclic imides using (NH <sub>4</sub> ) <sub>2</sub> S <sub>2</sub> O <sub>8</sub> Ć“DMSO: application to the synthesis of vernalakant. <i>Beilstein Journal of Organic Chemistry</i> , 2015, 11, 1008-1016.	2.2	22
22	Ru-Catalyzed Regioselective Cascade Annulation of Acrylamides with 2-Alkynoates for the Synthesis of Various 6-Oxo Nicotinic Acid Esters. <i>Journal of Organic Chemistry</i> , 2019, 84, 1863-1870.	3.2	22
23	Divergent Synthesis of Oxindolylidene Acetates and Spirooxindolopyrrolidones from Arynes. <i>Organic Letters</i> , 2018, 20, 1483-1486.	4.6	21
24	Ruthenium-Catalyzed Regioselective Alkenylation/Tandem Hydroamidative Cyclization of Unmasked Quinazolinones Using Terminal Alkynes. <i>Journal of Organic Chemistry</i> , 2018, 83, 8906-8913.	3.2	21
25	Photoactivatable prodrug for simultaneous release of mertansine and CO along with a BODIPY derivative as a luminescent marker in mitochondria: a proof of concept for NIR image-guided cancer therapy. <i>Chemical Science</i> , 2021, 12, 2667-2673.	7.4	21
26	Silver-Mediated Oxidative Decarboxylative Intramolecular Asymmetric Radical Cyclization (C <sub>3</sub> Ć“C <sub>2</sub> ) via Memory of Chirality: Access to Circumdatin Alkaloids. <i>Organic Letters</i> , 2018, 20, 2092-2095.	4.6	19
27	Transition-Metal-Free Regioselective One-Pot Synthesis of Aryl Sulfones from Sodium Sulfinates via Quinone Imine Ketal. <i>Journal of Organic Chemistry</i> , 2019, 84, 1372-1378.	3.2	18
28	Selective copper-catalyzed C(sp <sup>2</sup> ) Ć“H amidation/dimerization of anilides via a radical pathway. <i>Chemical Communications</i> , 2020, 56, 1565-1568.	4.1	16
29	Synthesis of Succinimide Derivatives by NHC-Catalyzed Stetter Reaction of Aromatic Aldehydes with N-Substituted Itaconimides. <i>ACS Omega</i> , 2017, 2, 6598-6604.	3.5	15
30	Direct Allylation of In Situ Generated Aldehyde Acyl Anions by Synergistic NHC and Palladium Catalysis. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 7038-7042.	13.8	14
31	Diversity-Oriented Synthesis of Spiroannulated Benzofuran-3-one Scaffold of Leptosphaerin C and Congeners via Aryne Insertion. <i>Journal of Organic Chemistry</i> , 2017, 82, 4875-4882.	3.2	14
32	Protecting Group-Free Diastereoselective Total Synthesis of (Ć±) Ć“leistenolide and Chemoenzymatic Synthesis of (Ć“) Ć“leistenolide. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 8049-8054.	2.4	12
33	Synthesis of Methyl-Protected (Ć±)-Chlorizidine A. <i>Organic Letters</i> , 2017, 19, 2774-2776.	4.6	12
34	Stereoselective construction of deoxy-cruciferane alkaloids by NHC-catalyzed intramolecular annulation of homoenolate with quinazolinone. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 7135-7139.	2.8	9
35	Isa Ć“NHC Ć“catalyzed intermolecular Stetter reaction of aromatic aldehydes with maleimides: An efficient access to 3-arylsuccinimides. <i>Tetrahedron</i> , 2018, 74, 2079-2084.	1.9	8
36	Highly Enantioselective Synthesis of Sitagliptin. <i>Asian Journal of Organic Chemistry</i> , 2020, 9, 189-191.	2.7	7

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37	Annulation of Enals with Carbamoylpropiolates via NHC-Catalyzed Enolate Pathway: Access to Functionalized Maleimides/Iso-maleimides and Synthesis of Aspergillus FH-X-213. <i>Journal of Organic Chemistry</i> , 2021, 86, 9466-9477.	3.2	7
38	Malonic Ester Amide Synthesis: An Efficient Methodology for Synthesis of Amides. <i>Synthetic Communications</i> , 2013, 43, 2508-2516.	2.1	5
39	Synthesis and biological evaluation of new fluconazole $\beta$ -lactam conjugates linked via 1,2,3-triazole. <i>New Journal of Chemistry</i> , 2017, 41, 470-479.	2.8	5
40	Base-Induced Alcoholysis of N-Aryl maleimides: Facile in situ Oxa-Michael Addition to Alkyl Maleanilates: Two-Step One-Pot Rapid Access to Alkoxy succinic Acids. <i>Synthesis</i> , 2003, 2003, 0863-0870.	2.3	4
41	Construction of unique SCF <sub>3</sub> -containing building blocks via allylic alkylation of Morita-Baylis-Hillman adducts. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 2085-2093.	2.8	2
42	Frontispiece: Total and Semi-Syntheses of Antimicrobial Thuggacin Derivatives. <i>Chemistry - A European Journal</i> , 2015, 21, n/a-n/a.	3.3	0
43	Construction of tetrahydrobenzo[f]quinoline scaffolds via polar [4+2]-Cycloaddition reaction with arynes as dienophiles. <i>Tetrahedron Letters</i> , 2022, , 153901.	1.4	0