Sudhakar R Bhusare

List of Publications by Year
in descending order

39	849	623188	476904
papers	citations	14 h-index	29 g-index

46	46	46	1126
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	An efficient protocol for the synthesis of quinoxaline derivatives at room temperature using molecular iodine as the catalyst. Tetrahedron Letters, 2005, 46, 7183-7186.	0.7	253
2	Oxidative coupling of thiols to disulfides using a solid anhydrous potassium phosphate catalyst. Tetrahedron Letters, 2005, 46, 3583-3585.	0.7	72
3	Synthesis and biological evaluation of some novel pyrazole, isoxazole, benzoxazepine, benzothiazepine and benzodiazepine derivatives bearing an aryl sulfonate moiety as antimicrobial and anti-inflammatory agents. Arabian Journal of Chemistry, 2019, 12, 2091-2097.	2.3	59
4	Carbamoylphosphonate-based matrix metalloproteinase inhibitor metal complexes: solution studies and stability constants. Towards a zinc-selective binding group. Journal of Biological Inorganic Chemistry, 2004, 9, 307-315.	1.1	45
5	Carbamoylphosphonate Matrix Metalloproteinase Inhibitors 6: cis-2-Aminocyclohexylcarbamoylphosphonic Acid, A Novel Orally Active Antimetastatic Matrix Metalloproteinase-2 Selective Inhibitorâ€"Synthesis and Pharmacodynamic and Pharmacokinetic Analysis. Journal of Medicinal Chemistry, 2008, 51, 1406-1414.	2.9	42
6	Synthesis and molecular docking studies of oxochromenyl xanthenone and indolyl xanthenone derivatives as anti-HIV-1 RT inhibitors. Bioorganic and Medicinal Chemistry Letters, 2015, 25, 3882-3886.	1.0	38
7	One-pot synthesis and evaluation of anticancer activity of polyhydroquinoline derivatives catalyzed by [Msim]Cl. Research on Chemical Intermediates, 2017, 43, 7211-7221.	1.3	35
8	Iodine and iodic acid: an efficient reagent combination for iodination of aryl hydroxy ketones. Tetrahedron Letters, 2005, 46, 7179-7181.	0.7	31
9	An Efficient Organocatalysis: A Oneâ€Pot Highly Enantioselective Synthesis of Î±â€Aminophosphonates. European Journal of Organic Chemistry, 2013, 2013, 5509-5516.	1.2	30
10	Design, synthesis and molecular docking of pyrazolo [3,4d] thiazole hybrids as potential anti-HIV-1 NNRT inhibitors. Bioorganic Chemistry, 2019, 86, 437-444.	2.0	29
11	Pyridinium bromochromate: a new and efficient reagent for bromination of hydroxy aromatics. Tetrahedron Letters, 2003, 44, 4893-4894.	0.7	22
12	Synthesis and application of proline based organocatalyst for highly enantioselective aldol reaction by hydrogen bonding. Tetrahedron Letters, 2012, 53, 6083-6086.	0.7	20
13	Synthesis and bioactivities of some new 1H-pyrazole derivatives containing an aryl sulfonate moiety. Chinese Chemical Letters, 2013, 24, 325-328.	4.8	18
14	An efficient one-pot multi-component synthesis of highly functionalized piperidines. Heterocyclic Communications, 2012, 18, 245-248.	0.6	14
15	Organocatalyzed Baylisâ€"Hillman reaction: an enantioselective approach. Tetrahedron: Asymmetry, 2012, 23, 1320-1325.	1.8	13
16	Synthesis and Antibacterial Activity of Some 3,5â€Diphenyl and 1,3,5â€Triphenylâ€2â€pyrazolines. Journal of the Chinese Chemical Society, 2004, 51, 775-778.	0.8	12
17	A convenient one-pot three component synthesis of 3-aminoalkylated indoles catalyzed by 3-chlorophenylboronic acid. Chinese Chemical Letters, 2013, 24, 422-424.	4.8	12
18	Synthesis and Molecular Docking Study of Novel Chromeno-chromenones as Anti-HIV-1 NNRT Inhibitors. Synlett, 2015, 26, 1969-1972.	1.0	12

#	Article	IF	Citations
19	Water-Assisted Organocatalysis: An Enantioselective Green Protocol for the Henry Reaction. Australian Journal of Chemistry, 2013, 66, 661.	0.5	11
20	Scandium triflate-catalyzed one-pot multi-component synthesis of 2-amino-6-thiopyridine-3,5-dicarbonitriles. Heterocyclic Communications, 2012, 18, .	0.6	9
21	A mild and efficient one-pot synthesis of $$upbeta $$ -amino carbonyl compounds via Mannich reaction under ambient temperature condition. Molecular Diversity, 2013, 17, 33-40.	2.1	9
22	A facile one-pot synthesis of dicycloalkenopyridines at ambient temperature conditions. Tetrahedron Letters, 2012, 53, 6771-6774.	0.7	8
23	3-Nitrophenylboronic acid-catalyzed efficient one-pot synthesis of 1,4-dihydropyridines and polyhydroquinolines. International Journal of Industrial Chemistry, 2012, 3, 1.	3.1	8
24	Scandium(III) Triflateâ€“Catalyzed Efficient Synthesis of Substituted 1-Pyridylimidazo-[1,5-a]-pyridines. Synthetic Communications, 2009, 39, 3546-3549.	1.1	6
25	Organocatalysis for the synthesis of optically active Î²-malonophosphonates. Journal of Chemical Sciences, 2013, 125, 1109-1114.	0.7	6
26	Asymmetric Baylisâ€“Hillman reaction catalyzed by pyrrolidine based organocatalyst. SN Applied Sciences, 2020, 2, 1.	1.5	5
27	Phenylboronic acid catalysed synthesis of 1,5-benzodiazepines via cyclocondensation of o-phenylenediamine and ketones. Journal of Chemical Sciences, 2013, 125, 745-749.	0.7	4
28	Stereoselective synthesis of vic-halohydrins and an unusual Knoevenagel product from an organocatalyzed aldol reaction: A non-enamine mode. Chinese Journal of Catalysis, 2015, 36, 1093-1100.	6.9	4
29	Design and Synthesis of Novel 1,2,3â€triazolylâ€pyrimidinone Hybrids as Potential Antiâ€HIVâ€1 NNRT Inhibitors. Journal of Heterocyclic Chemistry, 2018, 55, 821-829.	1.4	4
30	Enantioselective organocatalytic synthesis of the chiral chromenes by domino oxa-Michael-aldol reaction. Chinese Chemical Letters, 2018, 29, 942-944.	4.8	4
31	Synthesis of 1-(substituted phenyl)-2-phenyl-4-(2â€™-hydroxy-3â€™-iodo-5â€™-chlorobenzylidene)imidazol-5-ones. Mendeleev Communications, 2002, 12, 94-95.	0.6	3
32	An efficient route for the allylation of arylaldehydes to give enantiopure homoallylic alcohols. Tetrahedron: Asymmetry, 2013, 24, 1324-1330.	1.8	3
33	Molecular iodine catalyzed coupling reactions of indole with 1,3-dicarbonyl compounds. Research on Chemical Intermediates, 2014, 40, 2929-2934.	1.3	3
34	Pyridinium Bromochromate: A New and Efficient Reagent for Bromination of Hydroxy Aromatics.. ChemInform, 2003, 34, no.	0.1	1
35	3-Chlorophenylboronic acid-promoted, one-pot, aza-Friedelâ€“Crafts reaction of indoles. Research on Chemical Intermediates, 2015, 41, 2583-2589.	1.3	1
36	Pyrrolidine Based Trifluro Organocatalyst: A Trap for syn Isomer of Functionalized Piperidines. Current Organocatalysis, 2015, 2, 191-202.	0.3	1

#	Article	IF	Citations
37	Microwave Assisted and Al2O3/K2CO3 Catalyzed Synthesis of Azetidin-2-One Derivatives Containing Aryl Sulfonate Moiety with Anti-Inflammatory and Anti-Microbial Activity. Open Journal of Medicinal Chemistry, 2012, 02, 98-104.	0.7	1
38	Solid-Supported Fluoroboric Acid: An Efficient Reagent Combination for S-Alkylation of Thiols. Chemical Science Transactions, 2012, 2, 282-286.	0.4	1
39	A Facile and Convenient Approach for the One-Pot Synthesis of Naphtho- 1,3-oxazine Derivatives. Current Catalysis, 2013, 2, 244-248.	0.5	0