Ganesh U Chaturbhuj

List of Publications by Year
in descending order

46	997	394286 19	454834 30
papers	citations	h-index	g-index

47	47	47	691
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Sulfated polyborate: An efficient and reusable catalyst for one pot synthesis of Hantzsch 1,4-dihydropyridines derivatives using ammonium carbonate under solvent free conditions. Tetrahedron Letters, 2017, 58, 1240-1244.	0.7	75
2	Sulfated polyborate: a new and eco-friendly catalyst for one-pot multi-component synthesis of 3,4-dihydropyrimidin-2(1H)-ones/thiones via Biginelli reaction. New Journal of Chemistry, 2016, 40, 10412-10417.	1.4	68
3	Rapid, efficient and eco-friendly procedure for the synthesis of quinoxalines under solvent-free conditions using sulfated polyborate as a recyclable catalyst. Journal of Chemical Sciences, 2017, 129, 141-148.	0.7	59
4	Sulfated polyborate catalyzed expeditious and efficient three-component synthesis of 3-methyl-4-(hetero)arylmethylene isoxazole-5(4H)-ones. Tetrahedron Letters, 2017, 58, 3256-3261.	0.7	58
5	Sulfated polyborate catalyzed Kabachnik-Fields reaction: An efficient and eco-friendly protocol for synthesis of Î±-amino phosphonates. Tetrahedron Letters, 2017, 58, 694-698.	0.7	55
6	Rapid, efficient and solvent-free synthesis of (un)symmetrical xanthenes catalyzed by recyclable sulfated polyborate. Tetrahedron Letters, 2017, 58, 2859-2864.	0.7	49
7	Critical Molecular Determinants of Î±7 Nicotinic Acetylcholine Receptor Allosteric Activation. Journal of Biological Chemistry, 2016, 291, 5049-5067.	1.6	43
8	Expeditious and efficient synthesis of Streckerâ€™s Î±-aminonitriles catalyzed by sulfated polyborate. Tetrahedron Letters, 2017, 58, 2144-2148.	0.7	40
9	Sulfated polyborate-catalyzed efficient and expeditious synthesis of (un)symmetrical ureas and benzimidazolones. Tetrahedron Letters, 2017, 58, 4304-4307.	0.7	38
10	Sulfated polyborate: A mild, efficient catalyst for synthesis of N-tert-butyl/N-trityl protected amides via Ritter reaction. Journal of Chemical Sciences, 2017, 129, 415-420.	0.7	36
11	Sulfated polyborate catalyzed Kindler reaction: a rapid, efficient, and green protocol. Monatshefte FÃ¼r Chemie, 2017, 148, 1463-1468.	0.9	35
12	An efficient, environmentally benign, and solvent-free protocol for the synthesis of 4-substituted 1,5-benzodiazepines catalyzed by reusable sulfated polyborate. Tetrahedron Letters, 2017, 58, 4496-4502.	0.7	33
13	Sulfated polyborate: mild, efficient and eco-friendly catalyst for the synthesis of 2,3-dihydroquinazolin-4(1H)-ones. Journal of the Iranian Chemical Society, 2017, 14, 1683-1689.	1.2	30
14	Environmentally Benign, Highly Efficient and Expeditious Solventâ€Free Synthesis of Trisubstituted Methanes Catalyzed by Sulfated Polyborate. ChemistrySelect, 2017, 2, 11693-11696.	0.7	30
15	Copper catalyzed Gombergâ€“Buchmannâ€“Hey reaction using aryldiazonium tosylate. Tetrahedron Letters, 2011, 52, 4950-4953.	0.7	25
16	Sulfated polyborate-catalyzed N-formylation of amines: a rapid, green and efficient protocol. Journal of the Iranian Chemical Society, 2017, 14, 2513-2519.	1.2	25
17	Three-component, solvent-free synthesis of Betti base catalyzed by sulfated polyborate. Monatshefte FÃ¼r Chemie, 2018, 149, 1453-1457.	0.9	24
18	Activated Fullerâ€™s earth as an inexpensive, eco-friendly, efficient catalyst for the synthesis of 5-aryl 1-H-tetrazole via [3+2] cycloaddition of nitriles and sodium azide. Tetrahedron Letters, 2016, 57, 5815-5819.	0.7	23

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19	Aluminized polyborate: a novel catalyst for the multicomponent solvent-free synthesis of alkyl 1,2,6-trisubstituted-4-[(hetero)arylamino]-1,2,5,6-tetrahydropyridine-3-carboxylates. Journal of the Iranian Chemical Society, 2018, 15, 1399-1409.	1.2	22
20	Rapid and efficient protocol for Willgerodtâ€“Kindlerâ€™s thioacetamides catalyzed by sulfated polyborate. Monatshefte FÃ¼r Chemie, 2017, 148, 2091-2095.	0.9	20
21	A reactant promoted solvent free synthesis of 3,4-dihydropyrimidin-2(1 H)-thione analogues using ammonium thiocyanate. Tetrahedron Letters, 2017, 58, 1778-1780.	0.7	19
22	Novel 2-phenyl-4,5,6,7-tetrahydro[b]benzothiophene analogues as selective COX-2 inhibitors: Design, synthesis, anti-inflammatory evaluation, and molecular docking studies. Bioorganic and Medicinal Chemistry Letters, 2017, 27, 1721-1726.	1.0	18
23	The m-CPBAâ€“NH₃(g) System: A Safe and Scalable Alternative for the Manufacture of (Substituted) Pyridine and Quinoline N-Oxides. Organic Process Research and Development, 2019, 23, 244-251.	1.3	15
24	Sulfated Polyborate Catalyzed Selective Friedlander Annulation for Synthesis of Highly Functionalized Quinolines. Organic Preparations and Procedures International, 2020, 52, 297-303.	0.6	14
25	An efficient, green solvent-free protocol for the synthesis of 2,4,6-triarylpyridines using reusable heterogeneous activated Fullerâ€™s earth catalyst. Journal of the Iranian Chemical Society, 2018, 15, 2455-2462.	1.2	13
26	Sulfated polyborate: A dual catalyst for the reductive amination of aldehydes and ketones by NaBH4. Tetrahedron Letters, 2021, 74, 153143.	0.7	13
27	Activated Fullerâ€™s earth: an efficient, inexpensive, environmentally benign, and reusable catalyst for rapid solvent-free synthesis of 1-(amido/amino)alkyl-2-naphthols. Monatshefte FÃ¼r Chemie, 2018, 149, 1991-1997.	0.9	12
28	Activator free, expeditious and eco-friendly chlorination of activated arenes by N-chloro-N-(phenylsulfonyl)benzene sulfonamide (NCBSI). Tetrahedron Letters, 2021, 63, 152689.	0.7	12
29	Triazole hybrids as new type of anti-fungal agents. Arabian Journal of Chemistry, 2017, 10, 295-299.	2.3	9
30	Repurposing n-butyl stannoic acid as highly efficient catalyst for direct amidation of carboxylic acids with amines. Tetrahedron Letters, 2018, 59, 4582-4586.	0.7	9
31	Sulfated polyborate-H2O assisted tunable activation of N-iodosuccinimide for expeditious mono and diiodination of arenes. Tetrahedron Letters, 2021, 74, 153154.	0.7	9
32	Expeditious and Highly Efficient One-Pot Synthesis of Functionalized Imidazoles Catalyzed by Sulfated Polyborate. Organic Preparations and Procedures International, 2021, 53, 387-396.	0.6	9
33	A Comprehensive Biological and Synthetic Perspective on 2-Deoxy-<scp>d</scp>-Glucose (2-DG), A Sweet Molecule with Therapeutic and Diagnostic Potentials. Journal of Medicinal Chemistry, 2022, 65, 3706-3728.	2.9	8
34	Rapid, chemoselective and mild oxidation protocol for alcohols and ethers with recyclable N-chloro-N-(phenylsulfonyl)benzenesulfonamide. Tetrahedron Letters, 2021, 73, 153094.	0.7	6
35	Solvent-free, Efficient Transamidation of Carboxamides with Amines Catalyzed by Recyclable Sulfated Polyborate Catalyst. Organic Preparations and Procedures International, 2021, 53, 369-378.	0.6	6
36	Sulfated polyborate catalyzed rapid and efficient electrophilic thiocyanation of activated arenes. Tetrahedron Letters, 2022, 96, 153763.	0.7	6

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37	N-(Phenylsulfonyl)Benzenesulfonamide: A New Organocatalyst for One-Pot, Solvent-Free Synthesis of Biginelliâ€™s 3,4-Dihydropyrimidine-2(1H)-Thiones. Polycyclic Aromatic Compounds, 2023, 43, 3182-3191.	1.4	6
38	One-Pot Expeditious Synthesis of 2-Amino-4,6-(disubstituted)nicotinonitriles Using Activated Fullerâ€™s Earth as Catalyst. Organic Preparations and Procedures International, 2021, 53, 112-119.	0.6	5
39	NCBSI/KI: A Reagent System for Iodination of Aromatics through In Situ Generation of I-Cl. Journal of Organic Chemistry, 2021, 86, 12467-12474.	1.7	4
40	Sulfated Polyborate, a Novel Buffer for Low pH Mobile Phase on a Nonend Capped Stationary Phase in Reverse Phase Liquid Chromatography. Current Chromatography, 2021, 8, 33-43.	0.1	3
41	Wet copper-slag: A new and eco-friendly catalyst for Knoevenagel condensation. Sustainable Chemistry and Pharmacy, 2022, 25, 100614.	1.6	3
42	Aluminized Polyborate: A New and Eco-friendly Catalyst for the Synthesis of SymmetricalN,Nâ€™-Di(aryl/alkyl)formamidines. Organic Preparations and Procedures International, 2022, 54, 242-248.	0.6	3
43	Phthaloylation of amines, hydrazines, and hydrazides by N-substituted phthalimides using recyclable sulfated polyborate. Results in Chemistry, 2022, 4, 100293.	0.9	2
44	Aluminized Polyborate: A New and Eco-friendly Catalyst for One-pot Multicomponent Synthesis of 1,3-Diaryl-3-(arylamino)propan-1-ones via Mannich Reaction. Organic Preparations and Procedures International, 2022, 54, 338-345.	0.6	2
45	Catalyst-free, one-pot expeditious synthesis of polyhydroquinolines and 2-amino-4H-chromenes. Research on Chemical Intermediates, 2022, 48, 3429-3447.	1.3	2
46	Computational Analysis of the Binding Site(s) of TNF Î²-TNFR1 Complex: Implications for Designing Novel Anticancer Agents. Clinical Cancer Drugs, 2019, 5, 94-104.	0.3	1