

Ganesh U Chaturbhuj

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	<i>N</i> -(Phenylsulfonyl)Benzenesulfonamide: A New Organocatalyst for One-Pot, Solvent-Free Synthesis of Biginelli's 3,4-Dihydropyrimidine-2(1 <i>H</i>)-Thiones. <i>Polycyclic Aromatic Compounds</i> , 2023, 43, 3182-3191.	1.4	6
2	Phthaloylation of amines, hydrazines, and hydrazides by <i>N</i> -substituted phthalimides using recyclable sulfated polyborate. <i>Results in Chemistry</i> , 2022, 4, 100293.	0.9	2
3	Wet copper-slag: A new and eco-friendly catalyst for Knoevenagel condensation. <i>Sustainable Chemistry and Pharmacy</i> , 2022, 25, 100614.	1.6	3
4	A Comprehensive Biological and Synthetic Perspective on 2-Deoxy-D-Glucose (2-DG), A Sweet Molecule with Therapeutic and Diagnostic Potentials. <i>Journal of Medicinal Chemistry</i> , 2022, 65, 3706-3728.	2.9	8
5	Sulfated polyborate catalyzed rapid and efficient electrophilic thiocyanation of activated arenes. <i>Tetrahedron Letters</i> , 2022, 96, 153763.	0.7	6
6	Aluminized Polyborate: A New and Eco-friendly Catalyst for the Synthesis of Symmetrical <i>N,N</i> -Di(aryl/alkyl)formamidines. <i>Organic Preparations and Procedures International</i> , 2022, 54, 242-248.	0.6	3
7	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. <i>Organic Preparations and Procedures International</i> , 2022, 54, 338-345.	0.6	2
8	Catalyst-free, one-pot expeditious synthesis of polyhydroquinolines and 2-amino-4 <i>H</i> -chromenes. <i>Research on Chemical Intermediates</i> , 2022, 48, 3429-3447.	1.3	2
9	Activator free, expeditious and eco-friendly chlorination of activated arenes by <i>N</i> -chloro- <i>N</i> -(phenylsulfonyl)benzene sulfonamide (NCBSI). <i>Tetrahedron Letters</i> , 2021, 63, 152689.	0.7	12
10	One-Pot Expeditious Synthesis of 2-Amino-4,6-(disubstituted)nicotinonitriles Using Activated Fullerene Earth as Catalyst. <i>Organic Preparations and Procedures International</i> , 2021, 53, 112-119.	0.6	5
11	Sulfated polyborate: A dual catalyst for the reductive amination of aldehydes and ketones by NaBH ₄ . <i>Tetrahedron Letters</i> , 2021, 74, 153143.	0.7	13
12	Sulfated polyborate-H ₂ O assisted tunable activation of <i>N</i> -iodosuccinimide for expeditious mono and diiodination of arenes. <i>Tetrahedron Letters</i> , 2021, 74, 153154.	0.7	9
13	Rapid, chemoselective and mild oxidation protocol for alcohols and ethers with recyclable <i>N</i> -chloro- <i>N</i> -(phenylsulfonyl)benzenesulfonamide. <i>Tetrahedron Letters</i> , 2021, 73, 153094.	0.7	6
14	Expeditious and Highly Efficient One-Pot Synthesis of Functionalized Imidazoles Catalyzed by Sulfated Polyborate. <i>Organic Preparations and Procedures International</i> , 2021, 53, 387-396.	0.6	9
15	Solvent-free, Efficient Transamidation of Carboxamides with Amines Catalyzed by Recyclable Sulfated Polyborate Catalyst. <i>Organic Preparations and Procedures International</i> , 2021, 53, 369-378.	0.6	6
16	NCBSI/KI: A Reagent System for Iodination of Aromatics through <i>In Situ</i> Generation of I-Cl. <i>Journal of Organic Chemistry</i> , 2021, 86, 12467-12474.	1.7	4
17	Sulfated Polyborate, a Novel Buffer for Low pH Mobile Phase on a Nonend Capped Stationary Phase in Reverse Phase Liquid Chromatography. <i>Current Chromatography</i> , 2021, 8, 33-43.	0.1	3
18	Sulfated Polyborate Catalyzed Selective Friedlander Annulation for Synthesis of Highly Functionalized Quinolines. <i>Organic Preparations and Procedures International</i> , 2020, 52, 297-303.	0.6	14

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19	Computational Analysis of the Binding Site(s) of TNF \hat{I}^2 -TNFR1 Complex: Implications for Designing Novel Anticancer Agents. <i>Clinical Cancer Drugs</i> , 2019, 5, 94-104.	0.3	1
20	The m -CPBA $\hat{N}H_3$ System: A Safe and Scalable Alternative for the Manufacture of (Substituted) Pyridine and Quinoline N -Oxides. <i>Organic Process Research and Development</i> , 2019, 23, 244-251.	1.3	15
21	Three-component, solvent-free synthesis of Betti base catalyzed by sulfated polyborate. <i>Monatshefte Fur Chemie</i> , 2018, 149, 1453-1457.	0.9	24
22	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. <i>Journal of the Iranian Chemical Society</i> , 2018, 15, 1399-1409.	1.2	22
23	Repurposing n-butyl stannic acid as highly efficient catalyst for direct amidation of carboxylic acids with amines. <i>Tetrahedron Letters</i> , 2018, 59, 4582-4586.	0.7	9
24	Activated Fullerene earth: an efficient, inexpensive, environmentally benign, and reusable catalyst for rapid solvent-free synthesis of 1-(amido/amino)alkyl-2-naphthols. <i>Monatshefte Fur Chemie</i> , 2018, 149, 1991-1997.	0.9	12
25	An efficient, green solvent-free protocol for the synthesis of 2,4,6-triarylpyridines using reusable heterogeneous activated Fullerene earth catalyst. <i>Journal of the Iranian Chemical Society</i> , 2018, 15, 2455-2462.	1.2	13
26	Sulfated polyborate catalyzed Kabachnik-Fields reaction: An efficient and eco-friendly protocol for synthesis of \hat{I}^{\pm} -amino phosphonates. <i>Tetrahedron Letters</i> , 2017, 58, 694-698.	0.7	55
27	Rapid, efficient and eco-friendly procedure for the synthesis of quinoxalines under solvent-free conditions using sulfated polyborate as a recyclable catalyst. <i>Journal of Chemical Sciences</i> , 2017, 129, 141-148.	0.7	59
28	Sulfated polyborate: An efficient and reusable catalyst for one pot synthesis of Hantzsch 1,4-dihydropyridines derivatives using ammonium carbonate under solvent free conditions. <i>Tetrahedron Letters</i> , 2017, 58, 1240-1244.	0.7	75
29	Expeditious and efficient synthesis of Strecker \hat{I}^{\pm} -aminonitriles catalyzed by sulfated polyborate. <i>Tetrahedron Letters</i> , 2017, 58, 2144-2148.	0.7	40
30	Sulfated polyborate catalyzed Kindler reaction: a rapid, efficient, and green protocol. <i>Monatshefte Fur Chemie</i> , 2017, 148, 1463-1468.	0.9	35
31	Rapid, efficient and solvent-free synthesis of (un)symmetrical xanthenes catalyzed by recyclable sulfated polyborate. <i>Tetrahedron Letters</i> , 2017, 58, 2859-2864.	0.7	49
32	Sulfated polyborate: A mild, efficient catalyst for synthesis of N-tert-butyl/N-trityl protected amides via Ritter reaction. <i>Journal of Chemical Sciences</i> , 2017, 129, 415-420.	0.7	36
33	A reactant promoted solvent free synthesis of 3,4-dihydropyrimidin-2(1H)-thione analogues using ammonium thiocyanate. <i>Tetrahedron Letters</i> , 2017, 58, 1778-1780.	0.7	19
34	Sulfated polyborate: mild, efficient and eco-friendly catalyst for the synthesis of 2,3-dihydroquinazolin-4(1H)-ones. <i>Journal of the Iranian Chemical Society</i> , 2017, 14, 1683-1689.	1.2	30
35	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. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017, 27, 1721-1726.	1.0	18
36	Sulfated polyborate-catalyzed efficient and expeditious synthesis of (un)symmetrical ureas and benzimidazolones. <i>Tetrahedron Letters</i> , 2017, 58, 4304-4307.	0.7	38

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37	An efficient, environmentally benign, and solvent-free protocol for the synthesis of 4-substituted 1,5-benzodiazepines catalyzed by reusable sulfated polyborate. <i>Tetrahedron Letters</i> , 2017, 58, 4496-4502.	0.7	33
38	Sulfated polyborate-catalyzed N-formylation of amines: a rapid, green and efficient protocol. <i>Journal of the Iranian Chemical Society</i> , 2017, 14, 2513-2519.	1.2	25
39	Sulfated polyborate catalyzed expeditious and efficient three-component synthesis of 3-methyl-4-(hetero)arylmethylene isoxazole-5(4H)-ones. <i>Tetrahedron Letters</i> , 2017, 58, 3256-3261.	0.7	58
40	Environmentally Benign, Highly Efficient and Expeditious Solvent-Free Synthesis of Trisubstituted Methanes Catalyzed by Sulfated Polyborate. <i>ChemistrySelect</i> , 2017, 2, 11693-11696.	0.7	30
41	Triazole hybrids as new type of anti-fungal agents. <i>Arabian Journal of Chemistry</i> , 2017, 10, 295-299.	2.3	9
42	Rapid and efficient protocol for Willgerodt-Kindler's thioacetamides catalyzed by sulfated polyborate. <i>Monatshefte für Chemie</i> , 2017, 148, 2091-2095.	0.9	20
43	Critical Molecular Determinants of $\alpha 7$ Nicotinic Acetylcholine Receptor Allosteric Activation. <i>Journal of Biological Chemistry</i> , 2016, 291, 5049-5067.	1.6	43
44	Activated Fullerene 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. <i>Tetrahedron Letters</i> , 2016, 57, 5815-5819.	0.7	23
45	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. <i>New Journal of Chemistry</i> , 2016, 40, 10412-10417.	1.4	68
46	Copper catalyzed Gomberg-Buchmann-Hey reaction using aryldiazonium tosylate. <i>Tetrahedron Letters</i> , 2011, 52, 4950-4953.	0.7	25