

Sandip S Shinde

List of Publications by Year in descending order

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papers

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471509

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times ranked

977
citing authors

#	ARTICLE	IF	CITATIONS
1	Nucleophilic Radiofluorination Using Tri-tert-Butanol Ammonium as a Bifunctional Organocatalyst: Mechanism and Energetics. <i>Molecules</i> , 2022, 27, 1044.	3.8	1
2	Ultrasonic energy for construction of bioactive heterocycles. <i>Tetrahedron</i> , 2022, 120, 132893.	1.9	13
3	Metabolic engineering and synthetic biology for isoprenoid production in <i>Escherichia coli</i> and <i>Saccharomyces cerevisiae</i> . <i>Applied Microbiology and Biotechnology</i> , 2021, 105, 457-475.	3.6	49
4	18F-Fluorination Using Tri-Tert-Butanol Ammonium Iodide as Phase-Transfer Catalyst: An Alternative Minimalist Approach. <i>Pharmaceuticals</i> , 2021, 14, 833.	3.8	4
5	Sweetening Pharmaceutical Radiochemistry by 18F-Fluoroglycosylation: Recent Progress and Future Prospects. <i>Pharmaceuticals</i> , 2021, 14, 1175.	3.8	14
6	Effect of tert-alcohol functional imidazolium salts on oligomerization and fibrillization of amyloid β^2 (1 ϵ 42) peptide. <i>Biophysical Chemistry</i> , 2020, 267, 106480.	2.8	17
7	Enhancing <i>epi</i> - ϵ -cedrol production in <i>Escherichia coli</i> by fusion expression of farnesyl pyrophosphate synthase and <i>epi</i> - ϵ -cedrol synthase. <i>Engineering in Life Sciences</i> , 2019, 19, 606-616.	3.6	10
8	Rapid and greener method for utilization of Plaster of Paris (POP) waste generated from biomedical samples. <i>International Journal of Environmental Science and Technology</i> , 2019, 16, 2475-2480.	3.5	1
9	Enzymatic Formation of a Skipped Methyl ϵ -Substituted Octaprenyl Side Chain of Longestin (KS ϵ 505a): Involvement of Homo ϵ PP as a Common Extender Unit. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 6629-6632.	13.8	27
10	Sucrose capped gold nanoparticles as a plasmonic chemical sensor based on non-covalent interactions: Application for selective detection of vitamins B1 and B6 in brown and white rice food samples. <i>Food Chemistry</i> , 2018, 250, 14-21.	8.2	42
11	Enzymatic Formation of a Skipped Methyl ϵ -Substituted Octaprenyl Side Chain of Longestin (KS ϵ 505a): Involvement of Homo ϵ PP as a Common Extender Unit. <i>Angewandte Chemie</i> , 2018, 130, 6739-6742.	2.0	7
12	One ϵ Pot Sequential Bromination and Fluorination to Access 3 ϵ Fluoroimidazo[1,2 ϵ]pyridines from Arylketones. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 3432-3436.	2.4	10
13	Catalytic and Efficient Synthesis of Optically Active Terminal Epoxides and 1,2-Diols using a New Lanthanum Triflate Assisted C1-Symmetric Bimetallic Chiral Salen Cobalt Complex. <i>Letters in Organic Chemistry</i> , 2018, 15, 960-966.	0.5	1
14	Tri ϵ -tert-butanolamine as an Organic Promoter in Nucleophilic Fluorination. <i>ChemistrySelect</i> , 2017, 2, 118-122.	1.5	19
15	Cyclization mechanism of phomopsene synthase: mass spectrometry based analysis of various site-specifically labeled terpenes. <i>Journal of Antibiotics</i> , 2017, 70, 632-638.	2.0	20
16	Mechanistic study of nucleophilic fluorination promoted by tri-tert-butanolamine. <i>Journal of Fluorine Chemistry</i> , 2017, 197, 80-86.	1.7	11
17	Removal of endrin and dieldrin isomeric pesticides through stereoselective adsorption behavior on the graphene oxide-magnetic nanoparticles. <i>Environmental Science and Pollution Research</i> , 2017, 24, 24980-24988.	5.3	47
18	Molybdenum oxide-mediated facile aliphatic nucleophilic fluorination. <i>Tetrahedron Letters</i> , 2017, 58, 59-62.	1.4	10

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19	Stereoselective quenching of cedryl carbocation in epicedrol biosynthesis. <i>Tetrahedron Letters</i> , 2016, 57, 1161-1164.	1.4	6
20	Synthesis, biological evaluation and molecular docking of novel coumarin incorporated triazoles as antitubercular, antioxidant and antimicrobial agents. <i>Medicinal Chemistry Research</i> , 2016, 25, 790-804.	2.4	61
21	Antibiofilm activity of tert-BuOH functionalized ionic liquids with methylsulfonate counteranions. <i>RSC Advances</i> , 2015, 5, 68136-68142.	3.6	16
22	Nucleophilic fluorination using imidazolium based ionic liquid bearing tert-alcohol moiety. <i>New Journal of Chemistry</i> , 2015, 39, 4368-4374.	2.8	22
23	Mild regiospecific alcoholysis and aminolysis of epoxides catalyzed by zirconium(IV) oxynitrate. <i>Tetrahedron Letters</i> , 2015, 56, 5916-5919.	1.4	19
24	Oxidative and membrane stress-mediated antibacterial activity of WS ₂ and rGO-WS ₂ nanosheets. <i>RSC Advances</i> , 2015, 5, 74726-74733.	3.6	80
25	Dinuclear salen cobalt complex incorporating Y(OTf) ₃ : enhanced enantioselectivity in the hydrolytic kinetic resolution of epoxides. <i>RSC Advances</i> , 2015, 5, 82699-82703.	3.6	9
26	One molecule of ionic liquid and tert-alcohol on a polystyrene-support as catalysts for efficient nucleophilic substitution including fluorination. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 9264-9271.	2.8	23
27	CsF/[bmim][BF ₄]: An efficient and reusable system for Henry reaction. <i>Arabian Journal of Chemistry</i> , 2014, 7, 1013-1016.	4.9	11
28	Sequential Enzymatic Epoxidation Involved in Polyether Lasalocid Biosynthesis. <i>Journal of the American Chemical Society</i> , 2012, 134, 7246-7249.	13.7	59
29	Structure analysis of geranyl pyrophosphate methyltransferase and the proposed reaction mechanism of SAM-dependent C-methylation. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2012, 68, 1558-1569.	2.5	16
30	tert-Alcohol-functionalized imidazolium ionic liquid: catalyst for mild nucleophilic substitution reactions at room temperature. <i>Tetrahedron Letters</i> , 2009, 50, 6654-6657.	1.4	30
31	An Efficient Synthesis of Raloxifene in Ionic Liquid: A Green Approach. <i>Letters in Organic Chemistry</i> , 2009, 6, 8-10.	0.5	18
32	Polymer-supported protic functionalized ionic liquids for nucleophilic substitution reactions: superior catalytic activity compared to other ionic resins. <i>Tetrahedron Letters</i> , 2008, 49, 4245-4248.	1.4	42
33	Synergistic Effect of Two Solvents, tert-Alcohol and Ionic Liquid, in One Molecule in Nucleophilic Fluorination. <i>Organic Letters</i> , 2008, 10, 733-735.	4.6	87
34	Synthesis of α -methyl lactone via Intramolecular Wittig-Horner Reaction. <i>Synthetic Communications</i> , 2004, 34, 2323-2329.	2.1	9
35	Protic Reaction Media for Nucleophilic Substitution Reactions. , 0, , .		0