

Sandip S Shinde

List of Publications by Year in descending order

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papers

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#	ARTICLE	IF	CITATIONS
1	Synergistic Effect of Two Solvents, <i>tert</i> -Alcohol and Ionic Liquid, in One Molecule in Nucleophilic Fluorination. <i>Organic Letters</i> , 2008, 10, 733-735.	4.6	87
2	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
3	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
4	Sequential Enzymatic Epoxidation Involved in Polyether Lasalocid Biosynthesis. <i>Journal of the American Chemical Society</i> , 2012, 134, 7246-7249.	13.7	59
5	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
6	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
7	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
8	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
9	<i>tert</i> -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
10	Enzymatic Formation of a Skipped Methylated Substituted Octaprenyl Side Chain of Longestin (KS505a): Involvement of Homo-PP as a Common Extender Unit. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 6629-6632.	13.8	27
11	One molecule of ionic liquid and <i>tert</i> -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
12	Nucleophilic fluorination using imidazolium based ionic liquid bearing <i>tert</i> -alcohol moiety. <i>New Journal of Chemistry</i> , 2015, 39, 4368-4374.	2.8	22
13	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
14	Mild regiospecific alcoholysis and aminolysis of epoxides catalyzed by zirconium(IV) oxynitrate. <i>Tetrahedron Letters</i> , 2015, 56, 5916-5919.	1.4	19
15	Tri- <i>tert</i> -Butanolamine as an Organic Promoter in Nucleophilic Fluorination. <i>ChemistrySelect</i> , 2017, 2, 118-122.	1.5	19
16	An Efficient Synthesis of Raloxifene in Ionic Liquid: A Green Approach. <i>Letters in Organic Chemistry</i> , 2009, 6, 8-10.	0.5	18
17	Effect of <i>tert</i> -alcohol functional imidazolium salts on oligomerization and fibrillization of amyloid I ² (1 ⁴²) peptide. <i>Biophysical Chemistry</i> , 2020, 267, 106480.	2.8	17
18	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

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19	Antibiofilm activity of tert-BuOH functionalized ionic liquids with methylsulfonate counteranions. RSC Advances, 2015, 5, 68136-68142.	3.6	16
20	Sweetening Pharmaceutical Radiochemistry by ¹⁸ F-Fluoroglycosylation: Recent Progress and Future Prospects. Pharmaceuticals, 2021, 14, 1175.	3.8	14
21	Ultrasonic energy for construction of bioactive heterocycles. Tetrahedron, 2022, 120, 132893.	1.9	13
22	CsF/[bmim][BF ₄]: An efficient and reusable system for Henry reaction. Arabian Journal of Chemistry, 2014, 7, 1013-1016.	4.9	11
23	Mechanistic study of nucleophilic fluorination promoted by tri-tert-butanolamine. Journal of Fluorine Chemistry, 2017, 197, 80-86.	1.7	11
24	Molybdenum oxide-mediated facile aliphatic nucleophilic fluorination. Tetrahedron Letters, 2017, 58, 59-62.	1.4	10
25	One-Pot Sequential Bromination and Fluorination to Access ³ Fluoroimidazo[1,2-a]pyridines from Arylketones. European Journal of Organic Chemistry, 2018, 2018, 3432-3436.	2.4	10
26	Enhancing <i>epi</i> -cedrol production in <i>Escherichia coli</i> by fusion expression of farnesyl pyrophosphate synthase and <i>epi</i> -cedrol synthase. Engineering in Life Sciences, 2019, 19, 606-616.	3.6	10
27	Synthesis of (α)-Mintlactone via Intramolecular Wittig-Horner Reaction. Synthetic Communications, 2004, 34, 2323-2329.	2.1	9
28	Dinuclear salen cobalt complex incorporating Y(OTf) ₃ : enhanced enantioselectivity in the hydrolytic kinetic resolution of epoxides. RSC Advances, 2015, 5, 82699-82703.	3.6	9
29	Enzymatic Formation of a Skipped Methyl-Substituted Octaprenyl Side Chain of Longestin (KS505a): Involvement of Homo-IPP as a Common Extender Unit. Angewandte Chemie, 2018, 130, 6739-6742.	2.0	7
30	Stereoselective quenching of cedryl carbocation in epicedrol biosynthesis. Tetrahedron Letters, 2016, 57, 1161-1164.	1.4	6
31	¹⁸ F-Fluorination Using Tri-Tert-Butanol Ammonium Iodide as Phase-Transfer Catalyst: An Alternative Minimalist Approach. Pharmaceuticals, 2021, 14, 833.	3.8	4
32	Rapid and greener method for utilization of Plaster of Paris (POP) waste generated from biomedical samples. International Journal of Environmental Science and Technology, 2019, 16, 2475-2480.	3.5	1
33	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. Letters in Organic Chemistry, 2018, 15, 960-966.	0.5	1
34	Nucleophilic Radiofluorination Using Tri-tert-Butanol Ammonium as a Bifunctional Organocatalyst: Mechanism and Energetics. Molecules, 2022, 27, 1044.	3.8	1
35	Protic Reaction Media for Nucleophilic Substitution Reactions. , 0, , .		0