

Suresh Dharuman

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

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933447

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#	ARTICLE	IF	CITATIONS
1	<i>N</i> -Halosuccinimide/AgNO ₃ -Efficient Reagent Systems for One-Step Synthesis of 2-Haloglycals from Glycals: Application in the Synthesis of 2C-Branched Sugars via Heck Coupling Reactions. <i>Organic Letters</i> , 2014, 16, 1172-1175.	4.6	84
2	Acetyl Chloride-Silver Nitrate-Acetonitrile: A Reagent System for the Synthesis of 2-Nitroglycals and 2-Nitro-1-Acetamido Sugars from Glycals. <i>Journal of Organic Chemistry</i> , 2011, 76, 5832-5837.	3.2	57
3	Synthesis of 2-Nitroglycals from Glycals Using the Tetrabutylammonium Nitrate-Trifluoroacetic Anhydride-Triethylamine Reagent System and Base-Catalyzed Ferrier Rearrangement of Acetylated 2-Nitroglycals. <i>Journal of Organic Chemistry</i> , 2013, 78, 8442-8450.	3.2	46
4	Determination of the Influence of Side Chain Conformation on Glycosylation Selectivity using Conformationally Restricted Donors. <i>Chemistry - A European Journal</i> , 2016, 22, 4535-4542.	3.3	30
5	Interplay of Protecting Groups and Side Chain Conformation in Glycopyranosides. Modulation of the Influence of Remote Substituents on Glycosylation?. <i>Journal of Organic Chemistry</i> , 2018, 83, 10334-10351.	3.2	22
6	Synthesis of Conformationally-Locked <i>cis</i> - and <i>trans</i> -Bicyclo[4.4.0] Mono-, Di-, and Trioxadecane Modifications of Galacto- and Glucopyranose; Experimental Limiting ³ J _{H,H} Coupling Constants for the Estimation of Carbohydrate Side Chain Populations and Beyond. <i>Journal of Organic Chemistry</i> , 2018, 83, 881-897.	3.2	20
7	Discovery and Characterization of the Antimetabolite Action of Thioacetamide-Linked 1,2,3-Triazoles as Disruptors of Cysteine Biosynthesis in Gram-Negative Bacteria. <i>ACS Infectious Diseases</i> , 2020, 6, 467-478.	3.8	15
8	(3S,4R,5R)-3-(2-Hydroxyethyl)piperidine-3,4,5-triol as an isofagomine analogue: synthesis and glycosidase inhibition study. <i>Tetrahedron: Asymmetry</i> , 2010, 21, 2966-2972.	1.8	11
9	Synthesis of analogues of hyacinthacines, casuarine and uniflorine A from C-2 formyl galactal. <i>Tetrahedron: Asymmetry</i> , 2016, 27, 1088-1100.	1.8	11
10	Functionalization of Glycals Leading to 2-Deoxy-O-glycosides, Aminosugars, Nitrosugars and Glycosidase Inhibitors: Our Experience. <i>Chimia</i> , 2012, 66, 905.	0.6	10
11	Combating Multidrug-Resistant Bacteria by Integrating a Novel Target Site Penetration and Receptor Binding Assay Platform Into Translational Modeling. <i>Clinical Pharmacology and Therapeutics</i> , 2021, 109, 1000-1020.	4.7	10
12	Alternative synthesis and antibacterial evaluation of 1,5-dideoxy-1,5-imino-l-rhamnitol. <i>Carbohydrate Research</i> , 2016, 419, 29-32.	2.3	8
13	Synthesis of furan derivatives of cyclic Î ² -amino acid cispentacin via intramolecular nitrile oxide cycloaddition. <i>Tetrahedron Letters</i> , 2012, 53, 4283-4287.	1.4	7
14	An easy route to synthetic analogues of radicamine B, codonopsine and codonopsinine from d-mannitol. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 4983.	2.8	7
15	Synthesis, antibacterial action, and ribosome inhibition of deoxyspectinomycins. <i>Journal of Antibiotics</i> , 2021, 74, 381-396.	2.0	7
16	Synthesis and Structure-Activity Relationship of Thioacetamide-Triazoles against <i>Escherichia coli</i> . <i>Molecules</i> , 2022, 27, 1518.	3.8	3
17	HClO ₄ -SiO ₂ -mediated Improved Isomerization of Glycidic Esters to Î [±] -Hydroxy-Î ^{2,3} -unsaturated Esters: Application in the Formal Synthesis of (<i>R</i>)-Baclofen and Î ² -Phenyl GABA Analogues. <i>Chemistry Letters</i> , 2012, 41, 325-327.	1.3	2