

Sylvain Laclef

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

515
citations

623734

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all docs

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docs citations

34
times ranked

658
citing authors

#	ARTICLE	IF	CITATIONS
1	The effect of room temperature ionic liquids on the selective biocatalytic hydrolysis of chitin via sequential or simultaneous strategies. <i>Green Chemistry</i> , 2017, 19, 4122-4131.	9.0	82
2	Solid-phase synthesis of molecularly imprinted polymer nanolabels: Affinity tools for cellular bioimaging of glycans. <i>Scientific Reports</i> , 2019, 9, 3923.	3.3	64
3	Ligand-Free Pd-Catalyzed and Copper-Assisted C-H Arylation of Quinazolin-4-ones with Aryl Iodides under Microwave Heating. <i>Organic Letters</i> , 2015, 17, 1700-1703.	4.6	48
4	Straightforward extraction and selective bioconversion of high purity chitin from <i>Bombyx eri</i> larva: Toward an integrated insect biorefinery. <i>Carbohydrate Polymers</i> , 2020, 228, 115382.	10.2	38
5	Marine Natural Products with High Anticancer Activities. <i>Current Medicinal Chemistry</i> , 2020, 27, 1243-1307.	2.4	30
6	Total Syntheses of Angelicoin A, Hericenone J, and Hericenol A via Migratory Prenyl- and Geranylation-Aromatization Sequences. <i>Journal of Organic Chemistry</i> , 2012, 77, 652-657.	3.2	28
7	New biobased-zwitterionic ionic liquids: efficiency and biocompatibility for the development of sustainable biorefinery processes. <i>Green Chemistry</i> , 2020, 22, 2935-2946.	9.0	26
8	Sulfur dioxide mediated one-pot, four-component synthesis of polyfunctional sulfones and sulfonamides, including medium-ring cyclic derivatives. <i>Tetrahedron</i> , 2005, 61, 11473-11487.	1.9	24
9	Total synthesis of amorfrutin A via a palladium-catalyzed migratory prenylation-aromatization sequence. <i>Tetrahedron Letters</i> , 2012, 53, 225-227.	1.4	22
10	Amide Synthesis by Transamidation of Primary Carboxamides. <i>Synthesis</i> , 2020, 52, 3231-3242.	2.3	21
11	Total Synthesis and Determination of the Absolute Configuration of (α)-Dolabriferol. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 8525-8527.	13.8	19
12	Cu/Pd-Catalyzed C-H Arylation of Quinazolin-4(3H)-ones with (Hetero)aryl Halides. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 7705-7717.	2.4	17
13	Synthesis of (<i>E</i>)-1-Alkoxy-3-acyloxy-2-methylpenta-1,3-dienes via Danishefsky-Type Dienes or <i>O</i> -Acylation of Enones. <i>Journal of Organic Chemistry</i> , 2009, 74, 8882-8885.	3.2	16
14	Palladium(0)-Catalyzed Allylic Alkylation of Diketoester-Dioxinones with Allyl Acetates under Neutral Conditions: Synthesis of Hexasubstituted Benzene Derivatives. <i>Journal of Organic Chemistry</i> , 2012, 77, 3524-3530.	3.2	16
15	The Catalyzed Desulfinylative Allylation of Carbonyl Compounds with Alkylsulfonyle Chlorides and Silyl Alkylsulfonates. <i>Chemistry - A European Journal</i> , 2010, 16, 8984-8988.	3.3	13
16	Synthesis and Applications of Silyl Methylpropylsulfonates in Preparative Silylation and GC-derivatization Reactions of Polyols and Carbohydrates. <i>Chemistry - A European Journal</i> , 2016, 22, 4196-4205.	3.3	9
17	Total Asymmetric Syntheses of β -Hydroxy- γ -lactones via Umpolung with Sulfur Dioxide. <i>Journal of Organic Chemistry</i> , 2011, 76, 840-845.	3.2	8
18	Scalable asymmetric synthesis of a key fragment of Bcl-2/Bcl-xL inhibitors. <i>RSC Advances</i> , 2014, 4, 39817-39821.	3.6	7

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19	Mechanistic studies of highly regioselective decarboxylative-prenyl migration reactions of prenyloxycarbonyl-diketo-dioxinones. <i>Tetrahedron</i> , 2014, 70, 5569-5579.	1.9	7
20	Secondary Metabolites from Gorgonian Corals of the Genus <i>Eunicella</i> : Structural Characterizations, Biological Activities, and Synthetic Approaches. <i>Molecules</i> , 2020, 25, 129.	3.8	7
21	Solvent- and catalyst-free transamidations of unprotected glycosyl carboxamides. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 9425-9429.	2.8	3
22	Chemical Evaluation, Antioxidant, Antiproliferative, Anti-Inflammatory and Antibacterial Activities of Organic Extract and Semi-Purified Fractions of the Adriatic Sea Fan, <i>Eunicella cavolini</i> . <i>Molecules</i> , 2021, 26, 5751.	3.8	2
23	Recent Advances in the Synthesis of Five-Membered Cyclic Carbonates and Carbamates from Allylic or Propargylic Substrates and CO ₂ . <i>Catalysts</i> , 2022, 12, 547.	3.5	2
24	Glycochemical Applications of Diels-Alder Reaction. <i>Current Organic Chemistry</i> , 2016, 20, 2379-2392.	1.6	1