

Guillaume Compain

List of Publications by Year in descending order

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19
papers

736
citations

687363
13
h-index

794594
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25
all docs

25
docs citations

25
times ranked

853
citing authors

#	ARTICLE	IF	CITATIONS
1	Keteniminium Ion-Initiated Cascade Cationic Polycyclization. <i>Journal of the American Chemical Society</i> , 2014, 136, 12528-12531.	13.7	113
2	Investigating the Influence of (Deoxy)fluorination on the Lipophilicity of Non-UV-Active Fluorinated Alkanols and Carbohydrates by a New $\log P$ Determination Method. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 674-678.	13.8	111
3	Stereoselective hydrofluorination of ynamides: a straightforward synthesis of novel \pm -fluoroenamides. <i>Chemical Communications</i> , 2012, 48, 5196.	4.1	109
4	A Journey in the Chemistry of Ynamides: From Synthesis to Applications. <i>Chemistry Letters</i> , 2016, 45, 574-585.	1.3	79
5	Chemo- and Stereoselective Synthesis of Fluorinated Enamides from Ynamides in HF/Pyridine: Second-Generation Approach to Potent Ureas Bioisosteres. <i>Journal of Organic Chemistry</i> , 2015, 80, 3397-3410.	3.2	57
6	Intramolecular OH...F Fluorine Hydrogen Bonding in Saturated, Acyclic Fluorohydrins: The β -Fluoropropanol Motif. <i>Chemistry - A European Journal</i> , 2015, 21, 17808-17816.	3.3	41
7	Superacid synthesis of halogen containing N-substituted-4-aminobenzene sulfonamides: New selective tumor-associated carbonic anhydrase inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2013, 21, 1555-1563.	3.0	39
8	Influence of Alcohol β -Fluorination on Hydrogen Bond Acidity of Conformationally Flexible Substrates. <i>Chemistry - A European Journal</i> , 2017, 23, 2811-2819.	3.3	31
9	Influence of Fluorination on the Conformational Properties and Hydrogen Bond Acidity of Benzyl Alcohol Derivatives. <i>Chemistry - A European Journal</i> , 2015, 21, 11462-11474.	3.3	25
10	Anti-Markovnikov additions to N-allylic derivatives involving ammonium-carbenium superelectrophiles. <i>Chemical Communications</i> , 2012, 48, 5877.	4.1	24
11	Cationic polycyclization of ynamides: building up molecular complexity. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 4399-4416.	2.8	23
12	A β -glucuronidase-responsive albumin-binding prodrug for potential selective kinase inhibitor-based cancer chemotherapy. <i>European Journal of Medicinal Chemistry</i> , 2018, 158, 1-6.	5.5	21
13	Selective Anti-Markovnikov Cyclization and Hydrofluorination Reaction in Superacid HF/SbF ₅ : A Tool in the Design of Nitrogen-Containing (Fluorinated) Polycyclic Systems. <i>Journal of Organic Chemistry</i> , 2013, 78, 4463-4472.	3.2	16
14	β -Fluoroalcohols: The Key Role of Intramolecular Hydrogen Bonding in Conformational Preference and Hydrogen Bond Acidity. <i>ChemPhysChem</i> , 2016, 17, 2702-2709.	2.1	12
15	Bond Strength and Reactivity Scales for Lewis Superacid Adducts: A Comparative Study with In(OTf) ₃ and Al(OTf) ₃ . <i>ChemPhysChem</i> , 2017, 18, 683-691.	2.1	12
16	Iterative Structure-Based Optimization of Short Peptides Targeting the Bacterial Sliding Clamp. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 17063-17078.	6.4	8
17	Dications in superacid HF/SbF ₅ : When superelectrophilic activation makes possible fluorination and/or C-H bond activation. <i>Journal of Fluorine Chemistry</i> , 2012, 134, 56-62.	1.7	6
18	Monitoring glycosidase activity for clustered sugar substrates, a study on β -glucuronidase. <i>RSC Advances</i> , 2019, 9, 40263-40267.	3.6	5

#	ARTICLE	IF	CITATIONS
19	Antibacterial activity of a dual peptide targeting the <i>Escherichia coli</i> sliding clamp and the ribosome. RSC Chemical Biology, 2020, 1, 137-147.	4.1	4