## Grégory Chaume

## List of Publications by Year in descending order

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516710 642732 23 598 16 23 citations g-index h-index papers 26 26 26 539 docs citations times ranked citing authors all docs

#	Article	IF	CITATIONS
1	Straightforward Synthesis of (S)- and (R)- $\hat{l}$ ±-Trifluoromethyl Proline from Chiral Oxazolidines Derived from Ethyl Trifluoropyruvate. Organic Letters, 2006, 8, 6123-6126.	4.6	79
2	lodocyclization of Chiral CF3-Allylmorpholinones: A Versatile Strategy for the Synthesis of Enantiopure α-Tfm-Prolines and α-Tfm-Dihydroxyprolines. Organic Letters, 2009, 11, 209-212.	4.6	58
3	Highly Diastereoselective α-Hydroxylation of Fox Chiral Auxiliary-Based Amide Enolates with Molecular Oxygen. Organic Letters, 2010, 12, 1496-1499.	4.6	48
4	Convenient Synthesis of <i>N</i> â€Terminal Tfmâ€Dipeptides from Unprotected Enantiopure αâ€Tfmâ€Proline and αâ€Tfmâ€Alanine. European Journal of Organic Chemistry, 2009, 2009, 5717-5724.	2.4	45
5	Synthesis of 2-Trifluoromethyl-1,3-oxazolidines as Hydrolytically Stable Pseudoprolines. Journal of Organic Chemistry, 2010, 75, 4135-4145.	3.2	41
6	Synthesis of an MIF-1 analogue containing enantiopure (S)-α-trifluoromethyl-proline and biological evaluation on nociception. European Journal of Medicinal Chemistry, 2013, 62, 122-129.	5.5	36
7	Concise access to enantiopure (S)- and (R)-α-trifluoromethyl pyroglutamic acids from ethyl trifluoropyruvate-based chiral CF3-oxazolidines (Fox). Journal of Fluorine Chemistry, 2008, 129, 1104-1109.	1.7	35
8	Approach Toward the Total Synthesis of Griseoviridin: Formation of Thioethynyl and Thiovinyl Ether-Containing Nine-Membered Lactones through a Thioalkynylationâ^'Macrolactonizationâ^'Hydrostannylation Sequence. Journal of Organic Chemistry, 2002, 67, 4565-4568.	3.2	28
9	Synthesis of Enantiopure <i>trans</i> -2,5-Disubstituted Trifluoromethylpyrrolidines and (2 <i>S</i> ,5 <i>R</i> )-5-Trifluoromethylproline. Journal of Organic Chemistry, 2015, 80, 2700-2708.	3.2	26
10	Trifluoromethylated proline analogues as efficient tools to enhance the hydrophobicity and to promote passive diffusion transport of the <scp>l</scp> -prolyl- <scp>l</scp> -leucyl glycinamide (PLG) tripeptide. RSC Advances, 2018, 8, 14597-14602.	3.6	25
11	Local Control of the <i>Cis</i> – <i>Trans</i> Isomerization and Backbone Dihedral Angles in Peptides Using Trifluoromethylated Pseudoprolines. Journal of Physical Chemistry B, 2012, 116, 4069-4079.	2.6	24
12	Incorporation of CF <sub>3</sub> –Pseudoprolines into Peptides: AÂMethodological Study. Journal of Organic Chemistry, 2013, 78, 10144-10153.	3.2	23
13	Concise synthesis of enantiopure (S)- and (R)- $\hat{l}$ ±-trifluoromethyl aspartic acid and $\hat{l}$ ±-trifluoromethyl serine from chiral trifluoromethyl oxazolidines (Fox) via a Strecker-type reaction. Tetrahedron: Asymmetry, 2011, 22, 309-314.	1.8	19
14	CF <sub>2</sub> H as a hydrogen bond donor group for the fine tuning of peptide bond geometry with difluoromethylated pseudoprolines. Chemical Communications, 2019, 55, 12487-12490.	4.1	19
15	Homochiral versus Heterochiral Trifluoromethylated Pseudoproline Containing Dipeptides: A Powerful Tool to Switch the Prolyl-Amide Bond Conformation. Journal of Organic Chemistry, 2017, 82, 13602-13608.	3.2	18
16	Incorporation of Trifluoromethylated Proline and Surrogates into Peptides: Application to the Synthesis of Fluorinated Analogues of the Neuroprotective Glycine-Proline-Glutamate (GPE) Tripeptide. Journal of Organic Chemistry, 2016, 81, 5381-5392.	3.2	17
17	Orthogonal <sup>19</sup> F‣abeling for Solidâ€State NMR Spectroscopy Reveals the Conformation and Orientation of Short Peptaibols in Membranes. Chemistry - A European Journal, 2018, 24, 4328-4335.	3.3	14
18	Trifluoromethylated Proline Surrogates as Part of "Pro–Pro―Turnâ€Inducing Templates. ChemBioChem, 2019, 20, 2513-2518.	2.6	13

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19	Conformational properties of peptides incorporating a fluorinated pseudoproline residue. New Journal of Chemistry, 2013, 37, 1336.	2.8	9
20	Structural Behavior of the Peptaibol Harzianin HK VI in a DMPC Bilayer: Insights from MD Simulations. Biophysical Journal, 2017, 112, 2602-2614.	0.5	8
21	Enantiopure 5-CF <sub>3</sub> –Proline: Synthesis, Incorporation in Peptides, and Tuning of the Peptide Bond Geometry. Organic Letters, 2021, 23, 382-387.	4.6	7
22	Zinc-Acetic Acid Reductive Cyclisation in a Two-Step Synthesis of the S1-N10 Nine-Membered Lactone Core ofent-Griseoviridin. Synthesis, 2004, 2004, 3029-3036.	2.3	3
23	Introducing the Chiral Constrained αâ€Trifluoromethylalanine in Aib Foldamers to Control, Quantify and Assign the Helical Screwâ€Sense**. Chemistry - A European Journal, 2022, 28, .	3.3	3