

Christian Lemaire

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

515
citations

840776

11
h-index

839539

18
g-index

19
all docs

19
docs citations

19
times ranked

635
citing authors

#	ARTICLE	IF	CITATIONS
1	Progress in Difluoroalkylation of Organic Substrates by Visible Light Photoredox Catalysis. <i>Advanced Synthesis and Catalysis</i> , 2019, 361, 1500-1537.	4.3	143
2	Evaluation of ¹⁸ F-UCB-H as a Novel PET Tracer for Synaptic Vesicle Protein 2A in the Brain. <i>Journal of Nuclear Medicine</i> , 2014, 55, 1336-1341.	5.0	65
3	Late-Stage ¹⁸ F-Difluoromethyl Labeling of N-Heteroaromatics with High Molar Activity for PET Imaging. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 13149-13154.	13.8	51
4	Enabling Efficient Positron Emission Tomography (PET) Imaging of Synaptic Vesicle Glycoprotein 2A (SV2A) with a Robust and One-Step Radiosynthesis of a Highly Potent ¹⁸ F-Labeled Ligand ([¹⁸ F]UCB-H). <i>Journal of Medicinal Chemistry</i> , 2016, 59, 8955-8966.	6.4	47
5	Preclinical radiation dosimetry for the novel SV2A radiotracer [¹⁸ F]UCB-H. <i>EJNMMI Research</i> , 2013, 3, 35.	2.5	32
6	Pharmacokinetic Characterization of [¹⁸ F]UCB-H PET Radiopharmaceutical in the Rat Brain. <i>Molecular Pharmaceutics</i> , 2017, 14, 2719-2725.	4.6	29
7	Fully automated radiosynthesis of N1-[¹⁸ F]fluoroethyl-tryptophan and study of its biological activity as a new potential substrate for indoleamine 2,3-dioxygenase PET imaging. <i>Nuclear Medicine and Biology</i> , 2016, 43, 379-389.	0.6	28
8	Development of a General Automated Flow Photoredox ¹⁸ F-Difluoromethylation of N-Heteroaromatics in an AllinOne Synthesizer. <i>Organic Process Research and Development</i> , 2020, 24, 734-744.	2.7	23
9	Stereoselective synthesis of lanthionine derivatives in aqueous solution and their incorporation into the peptidoglycan of <i>Escherichia coli</i> . <i>Bioorganic and Medicinal Chemistry</i> , 2014, 22, 4621-4628.	3.0	16
10	Progress in Lanthionine and Protected Lanthionine Synthesis. <i>Chemistry - A European Journal</i> , 2018, 24, 15421-15441.	3.3	16
11	Exploring with [¹⁸ F]UCB-H the in vivo Variations in SV2A Expression through the Kainic Acid Rat Model of Temporal Lobe Epilepsy. <i>Molecular Imaging and Biology</i> , 2020, 22, 1197-1207.	2.6	13
12	Quantification of [¹⁸ F]UCB-H Binding in the Rat Brain: From Kinetic Modelling to Standardised Uptake Value. <i>Molecular Imaging and Biology</i> , 2019, 21, 888-897.	2.6	10
13	Evaluating the In Vivo Specificity of [¹⁸ F]UCB-H for the SV2A Protein, Compared with SV2B and SV2C in Rats Using microPET. <i>Molecules</i> , 2019, 24, 1705.	3.8	9
14	Radical C-H ¹⁸ F-Difluoromethylation of Heteroarenes with [¹⁸ F]Difluoromethyl Heteroaryl-Sulfones by Visible Light Photoredox Catalysis. <i>Catalysts</i> , 2020, 10, 275.	3.5	9
15	Synthesis of protected β -alkyl lanthionine derivatives. <i>Tetrahedron</i> , 2014, 70, 4526-4533.	1.9	8
16	Enantioselective synthesis of β -benzylated lanthionines and related tripeptides for biological incorporation into <i>E. coli</i> peptidoglycan. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 9853-9863.	2.8	7
17	The pharmacokinetics of [¹⁸ F]UCB-H revisited in the healthy non-human primate brain. <i>EJNMMI Research</i> , 2021, 11, 36.	2.5	5
18	Fully Automated Synthesis and Evaluation of [¹⁸ F]BPAM121: Potential of an AMPA Receptor Positive Allosteric Modulator as PET Radiotracer. <i>ChemMedChem</i> , 2019, 14, 788-795.	3.2	4

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19	Frontispiece: Progress in Lanthionine and Protected Lanthionine Synthesis. Chemistry - A European Journal, 2018, 24, .	3.3	0