

Sophie ThÃ©tiot-Laurent

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

266
citations

1162367
8
h-index

887659
17
g-index

20
all docs

20
docs citations

20
times ranked

335
citing authors

#	ARTICLE	IF	CITATIONS
1	Foldamers containing β^3 -amino acid residues or their analogues: structural features and applications. <i>Amino Acids</i> , 2011, 41, 687-707.	1.2	115
2	Chitosan as an antioxidant alternative to sulphites in oenology: EPR investigation of inhibitory mechanisms. <i>Food Chemistry</i> , 2019, 285, 67-76.	4.2	39
3	Antidiabetic, antioxidant and anti inflammatory properties of water and n-butanol soluble extracts from Saharian <i>Anvillea radiata</i> in high-fat-diet fed mice. <i>Journal of Ethnopharmacology</i> , 2017, 207, 251-267.	2.0	25
4	Original β^2, β^3 -diamino acid as an inducer of a β^3 -turn mimic in short peptides. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 9660.	1.5	13
5	On the vasoprotective mechanisms underlying novel β^2 -phosphorylated nitrones: Focus on free radical characterization, scavenging and NO-donation in a biological model of oxidative stress. <i>European Journal of Medicinal Chemistry</i> , 2016, 119, 197-217.	2.6	13
6	A fluorescent homogeneous assay for myeloperoxidase measurement in biological samples. A positive correlation between myeloperoxidase-generated HOCl level and oxidative status in STZ-diabetic rats. <i>Talanta</i> , 2017, 170, 119-127.	2.9	13
7	Improving the Antioxidant Properties of Calophyllum inophyllum Seed Oil from French Polynesia: Development and Biological Applications of Resinous Ethanol-Soluble Extracts. <i>Antioxidants</i> , 2021, 10, 199.	2.2	12
8	Peptide screen identifies a new NADPH oxidase inhibitor: impact on cell migration and invasion. <i>European Journal of Pharmacology</i> , 2017, 794, 162-172.	1.7	11
9	New Amino Acid-Based β^2 -Phosphorylated Nitroxides for Probing Acidic pH in Biological Systems by EPR Spectroscopy. <i>ChemBioChem</i> , 2017, 18, 300-315.	1.3	5
10	Efficient synthesis of both diastereomers of β^2, β^3 -diamino acids from phenylalanine and tryptophan. <i>Amino Acids</i> , 2016, 48, 2237-2242.	1.2	4
11	Constrained Cyclic β^2, β^3 -Diamino Acids from Glutamic Acid: Synthesis of Both Diastereomers and Unexpected Kinetic Resolution. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 329-340.	1.2	4
12	Mitochondrial, Acidic, and Cytosolic pHs Determination by ^{31}P NMR Spectroscopy: Design of New Sensitive Targeted pH Probes. <i>Methods in Molecular Biology</i> , 2015, 1265, 135-147.	0.4	4
13	Evaluation of synthase and hemisynthase activities of glucosamine-6-phosphate synthase by matrix-assisted laser desorption/ionization time-of-flight mass spectrometry. <i>Analytical Biochemistry</i> , 2014, 458, 61-65.	1.1	3
14	Synthesis of Bis(tetronic acid)s via Double Dieckmann Condensation. <i>Synthesis</i> , 2010, 2010, 1697-1701.	1.2	2
15	Novel Mitochondria-Targeted Triphenylphosphonium Conjugates of Linear β^2 -Phosphorylated Nitrones: Preparation, ^{31}P NMR Mitochondrial Distribution, EPR Spin Trapping Reporting, and Site-Directed Antiapoptotic Properties. <i>Methods in Molecular Biology</i> , 2021, 2275, 65-85.	0.4	1
16	Inhibitory effect of fungoid chitosan in the generation of aldehydes relevant to photooxidative decay in a sulphite-free white wine. <i>Food Chemistry</i> , 2021, 350, 129222.	4.2	1
17	Novel Sterically Crowded and Conformationally Constrained β^{\pm} -Aminophosphonates with a Near-Neutral pKa as Highly Accurate ^{31}P NMR pH Probes. Application to Subtle pH Gradients Determination in Dictyostelium discoideum Cells. <i>Molecules</i> , 2022, 27, 4506.	1.7	1
18	Metformin-Derived Hybrid Molecules for Glioblastoma Treatment. <i>Proceedings (mdpi)</i> , 2019, 22, .	0.2	0

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19	Design of New Probes for Oxidized Amino Acids Localization. Proceedings (mdpi), 2019, 22, .	0.2	0