

Fabienne Peyrot

List of Publications by Year in descending order

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25
papers

1,016
citations

567281

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580821

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docs citations

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times ranked

1958
citing authors

#	ARTICLE	IF	CITATIONS
1	Electron Paramagnetic Resonance Spin Trapping (EPR-ST) Technique in Photopolymerization Processes. <i>Catalysts</i> , 2022, 12, 772.	3.5	8
2	Detection of Superoxide Radical in Adherent Living Cells by Electron Paramagnetic Resonance (EPR) Spectroscopy Using Cyclic Nitrones. <i>Methods in Molecular Biology</i> , 2021, 2202, 149-163.	0.9	1
3	Unexpected rapid aerobic transformation of 2,2,6,6-tetraethyl-4-oxo(piperidin-1-yloxy) radical by cytochrome P450 in the presence of NADPH: Evidence against a simple reduction of the nitroxide moiety to the hydroxylamine. <i>Free Radical Biology and Medicine</i> , 2020, 156, 144-156.	2.9	4
4	New synthetic route to 2,2,6,6-tetraethylpiperidin-4-one: A key-intermediate towards tetraethyl nitroxides. <i>Tetrahedron Letters</i> , 2019, 60, 151207.	1.4	1
5	Molecular Probes for Evaluation of Oxidative Stress by In Vivo EPR Spectroscopy and Imaging: State-of-the-Art and Limitations. <i>Magnetochemistry</i> , 2019, 5, 13.	2.4	17
6	mTOR Inhibition via Displacement of Phosphatidic Acid Induces Enhanced Cytotoxicity Specifically in Cancer Cells. <i>Cancer Research</i> , 2018, 78, 5384-5397.	0.9	14
7	European contribution to the study of ROS: A summary of the findings and prospects for the future from the COST action BM1203 (EU-ROS). <i>Redox Biology</i> , 2017, 13, 94-162.	9.0	242
8	Labile iron potentiates ascorbate-dependent reduction and mobilization of ferritin iron. <i>Free Radical Biology and Medicine</i> , 2017, 108, 94-109.	2.9	18
9	Glutathione Fine-Tunes the Innate Immune Response toward Antiviral Pathways in a Macrophage Cell Line Independently of Its Antioxidant Properties. <i>Frontiers in Immunology</i> , 2017, 8, 1239.	4.8	76
10	Use of spin traps to detect superoxide production in living cells by electron paramagnetic resonance (EPR) spectroscopy. <i>Methods</i> , 2016, 109, 31-43.	3.8	42
11	In vivo evaluation of different alterations of redox status by studying pharmacokinetics of nitroxides using magnetic resonance techniques. <i>Redox Biology</i> , 2016, 8, 226-242.	9.0	56
12	Design and Structural Analysis of Aromatic Inhibitors of Type-II Dehydroquinase from <i>Mycobacterium tuberculosis</i> . <i>ChemMedChem</i> , 2015, 10, 116-133.	3.2	10
13	Medium-throughput ESR detection of superoxide production in undetached adherent cells using cyclic nitron spin traps. <i>Free Radical Research</i> , 2015, 49, 1122-1128.	3.3	15
14	Metabolic stability of superoxide adducts derived from newly developed cyclic nitron spin traps. <i>Free Radical Biology and Medicine</i> , 2014, 67, 150-158.	2.9	30
15	Detection of superoxide production in stimulated and unstimulated living cells using new cyclic nitron spin traps. <i>Free Radical Biology and Medicine</i> , 2014, 71, 281-290.	2.9	75
16	First Combined in Vivo X-Ray Tomography and High-Resolution Molecular Electron Paramagnetic Resonance (EPR) Imaging of the Mouse Knee Joint Taking into Account the Disappearance Kinetics of the EPR Probe. <i>Molecular Imaging</i> , 2012, 11, 7290.2011.00042.	1.4	13
17	First combined in vivo X-ray tomography and high-resolution molecular electron paramagnetic resonance (EPR) imaging of the mouse knee joint taking into account the disappearance kinetics of the EPR probe. <i>Molecular Imaging</i> , 2012, 11, 220-8.	1.4	5
18	X-ray, ESR, and quantum mechanics studies unravel a spin well in the cofactorless urate oxidase. <i>Proteins: Structure, Function and Bioinformatics</i> , 2011, 79, 1964-1976.	2.6	16

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19	Metabolic stability of superoxide and hydroxyl radical adducts of a cyclic nitron toward rat liver microsomes and cytosol: A stopped-flow ESR spectroscopy study. <i>Free Radical Biology and Medicine</i> , 2010, 49, 437-446.	2.9	24
20	Potential role of tryptophan derivatives in stress responses characterized by the generation of reactive oxygen and nitrogen species. <i>Journal of Pineal Research</i> , 2008, 45, 235-246.	7.4	259
21	Nitrosation of N-Terminally Blocked Tryptophan and Tryptophan-Containing Peptides by Peroxynitrite. <i>ChemBioChem</i> , 2007, 8, 217-223.	2.6	6
22	Rational Design, Synthesis, and Evaluation of Nanomolar Type II Dehydroquinase Inhibitors. <i>ChemMedChem</i> , 2007, 2, 1015-1029.	3.2	28
23	N-Nitroso Products from the Reaction of Indoles with Angeli's Salt. <i>Chemical Research in Toxicology</i> , 2006, 19, 58-67.	3.3	20
24	Melatonin nitrosation promoted by radical; comparison with the peroxynitrite reaction. <i>Free Radical Research</i> , 2006, 40, 910-920.	3.3	17
25	Reactivity of Peroxynitrite with Melatonin as a Function of pH and CO ₂ Content. <i>European Journal of Organic Chemistry</i> , 2003, 2003, 172-181.	2.4	19