

Michele Mariotti

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

285
citations

1040056

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1281871

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287
citing authors

#	ARTICLE	IF	CITATIONS
1	Peroxyl radical- and photo-oxidation of glucose 6-phosphate dehydrogenase generates cross-links and functional changes via oxidation of tyrosine and tryptophan residues. <i>Free Radical Biology and Medicine</i> , 2017, 112, 240-252.	2.9	60
2	Identification and characterization of protein cross-links induced by oxidative reactions. <i>Expert Review of Proteomics</i> , 2018, 15, 665-681.	3.0	47
3	Mass-Spectrometry-Based Identification of Cross-Links in Proteins Exposed to Photo-Oxidation and Peroxyl Radicals Using ¹⁸ O Labeling and Optimized Tandem Mass Spectrometry Fragmentation. <i>Journal of Proteome Research</i> , 2018, 17, 2017-2027.	3.7	30
4	Exposure of tropoelastin to peroxynitrous acid gives high yields of nitrated tyrosine residues, di-tyrosine cross-links and altered protein structure and function. <i>Free Radical Biology and Medicine</i> , 2018, 115, 219-231.	2.9	29
5	Binding of rose bengal to lysozyme modulates photooxidation and cross-linking reactions involving tyrosine and tryptophan. <i>Free Radical Biology and Medicine</i> , 2019, 143, 375-386.	2.9	28
6	Structural and functional changes in RNase A originating from tyrosine and histidine cross-linking and oxidation induced by singlet oxygen and peroxyl radicals. <i>Free Radical Biology and Medicine</i> , 2018, 126, 73-86.	2.9	26
7	Photo-oxidation of lysozyme triggered by riboflavin is O ₂ -dependent, occurs via mixed type 1 and type 2 pathways, and results in inactivation, site-specific damage and intra- and inter-molecular crosslinks. <i>Free Radical Biology and Medicine</i> , 2020, 152, 61-73.	2.9	23
8	Formation of protein cross-links by singlet oxygen-mediated disulfide oxidation. <i>Redox Biology</i> , 2021, 41, 101874.	9.0	20
9	Cross-linking and modification of fibronectin by peroxynitrous acid: Mapping and quantification of damage provides a new model for domain interactions. <i>Journal of Biological Chemistry</i> , 2021, 296, 100360.	3.4	11
10	UV oxidation of cyclic AMP receptor protein, a global bacterial gene regulator, decreases DNA binding and cleaves DNA at specific sites. <i>Scientific Reports</i> , 2020, 10, 3106.	3.3	7
11	Oxidation of lysozyme induced by peroxyl radicals involves amino acid modifications, loss of activity, and formation of specific crosslinks. <i>Free Radical Biology and Medicine</i> , 2021, 167, 258-270.	2.9	4
12	Exposure of tropoelastin to peroxynitrous acid gives high yields of nitrated tyrosine residues, di-tyrosine cross-links and altered protein structure and function. <i>Free Radical Biology and Medicine</i> , 2018, 128, S31.	2.9	0