

# Michele Mariotti

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4036381/publications.pdf>

Version: 2024-02-01

12  
papers

285  
citations

1040056

9  
h-index

1281871

11  
g-index

14  
all docs

14  
docs citations

14  
times ranked

287  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cross-linking and modification of fibronectin by peroxyxynitrous 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
2	Formation of protein cross-links by singlet oxygen-mediated disulfide oxidation. <i>Redox Biology</i> , 2021, 41, 101874.	9.0	20
3	Oxidation of lysozyme induced by peroxy 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
4	Photo-oxidation of lysozyme triggered by riboflavin is O <sub>2</sub> -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
5	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
6	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
7	Mass-Spectrometry-Based Identification of Cross-Links in Proteins Exposed to Photo-Oxidation and Peroxyl Radicals Using <sup>18</sup> O Labeling and Optimized Tandem Mass Spectrometry Fragmentation. <i>Journal of Proteome Research</i> , 2018, 17, 2017-2027.	3.7	30
8	Exposure of tropoelastin to peroxyxynitrous 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
9	Exposure of tropoelastin to peroxyxynitrous 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
10	Structural and functional changes in RNase A originating from tyrosine and histidine cross-linking and oxidation induced by singlet oxygen and peroxy radicals. <i>Free Radical Biology and Medicine</i> , 2018, 126, 73-86.	2.9	26
11	Identification and characterization of protein cross-links induced by oxidative reactions. <i>Expert Review of Proteomics</i> , 2018, 15, 665-681.	3.0	47
12	Peroxy 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