

# Oxidation of protein disulfide bonds by singlet oxygen generated by photosensitizing proteins

Redox Biology

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Formation of protein cross-links by singlet oxygen-mediated disulfide oxidation. <i>Redox Biology</i> , 2021, 41, 101874.	3.9	20
2	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.	1.3	4
3	Crosslinking of human plasma C-reactive protein to human serum albumin via disulfide bond oxidation. <i>Redox Biology</i> , 2021, 41, 101925.	3.9	10
4	Fabrication and characterization of glutathione-responsive nanoparticles from the disulfide bond-bridged block copolymer. <i>Polymers for Advanced Technologies</i> , 2022, 33, 180-188.	1.6	1
5	Singlet Oxygen-Induced Phospholipase A <sub>2</sub> Inhibition: A Major Role for Interfacial Tryptophan Dioxidation. <i>Chemistry - A European Journal</i> , 2021, 27, 14702-14710.	1.7	20
6	Mass spectrometry-based direct detection of multiple types of protein thiol modifications in pancreatic beta cells under endoplasmic reticulum stress. <i>Redox Biology</i> , 2021, 46, 102111.	3.9	27
7	A Photosensitized Singlet Oxygen (1O <sub>2</sub> ) Toolbox for Bio-Organic Applications: Tailoring 1O <sub>2</sub> Generation for DNA and Protein Labelling, Targeting and Biosensing. <i>Molecules</i> , 2022, 27, 778.	1.7	17
8	Violet-blue Light Induces Natural Photodynamic Plasma Disinfection with Endogenous Sensitizers. <i>Photochemistry and Photobiology</i> , 2022, , .	1.3	1
9	Photo-Oxidation of Therapeutic Protein Formulations: From Radical Formation to Analytical Techniques. <i>Pharmaceutics</i> , 2022, 14, 72.	2.0	11
10	Reaction of cysteine residues with oxidized tyrosine residues mediates cross-linking of photo-oxidized casein proteins. <i>Food Chemistry</i> , 2022, 385, 132667.	4.2	10
11	Plasma Proteomic Profile of Patients with Tick-Borne Encephalitis and Co-Infections. <i>International Journal of Molecular Sciences</i> , 2022, 23, 4374.	1.8	3
12	Oxidant-mediated modification and cross-linking of beta-2-microglobulin. <i>Free Radical Biology and Medicine</i> , 2022, 187, 59-71.	1.3	1
13	Singlet Oxygen's Potential Role as a Non-Oxidative Facilitator of Disulfide S-S Bond Rotation. <i>Photochemistry and Photobiology</i> , 0, , .	1.3	2
14	Defining the S-Glutathionylation Proteome by Biochemical and Mass Spectrometric Approaches. <i>Antioxidants</i> , 2022, 11, 2272.	2.2	4