

Witold Mora de Korytowo-Korytowski

List of Publications by Year in descending order

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papers

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citations

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737
citing authors

#	ARTICLE	IF	CITATIONS
1	PHOTOPEROXIDATION OF CHOLESTEROL IN HOMOGENEOUS SOLUTION, ISOLATED MEMBRANES, AND CELLS: COMPARISON OF THE $5\dot{1}\pm$ - AND $6\dot{1}^2$ -HYDROPEROXIDES AS INDICATORS OF SINGLET OXYGEN INTERMEDIACY. <i>Photochemistry and Photobiology</i> , 1992, 56, 1-8.	2.5	106
2	Permeabilization of the Mitochondrial Outer Membrane by Bax/Truncated Bid (tBid) Proteins as Sensitized by Cardiolipin Hydroperoxide Translocation. <i>Journal of Biological Chemistry</i> , 2011, 286, 26334-26343.	3.4	81
3	Chromatographic separation and electrochemical determination of cholesterol hydroperoxides generated by photodynamic action. <i>Analytical Biochemistry</i> , 1991, 197, 149-156.	2.4	76
4	Lipid hydroperoxide analysis by high-performance liquid chromatography with mercury cathode electrochemical detection. <i>Methods in Enzymology</i> , 1999, 300, 23-33.	1.0	50
5	Spontaneous Transfer of Phospholipid and Cholesterol Hydroperoxides between Cell Membranes and Low-Density Lipoprotein: Assessment of Reaction Kinetics and Prooxidant Effects. <i>Biochemistry</i> , 2002, 41, 13705-13716.	2.5	47
6	Sterol Carrier Protein-2-Facilitated Intermembrane Transfer of Cholesterol- and Phospholipid-Derived Hydroperoxides. <i>Biochemistry</i> , 2004, 43, 12592-12605.	2.5	46
7	Characterization of lipid hydroperoxides generated by photodynamic treatment of leukemia cells. <i>Lipids</i> , 1994, 29, 449-459.	1.7	43
8	Impairment of Macrophage Cholesterol Efflux by Cholesterol Hydroperoxide Trafficking. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2015, 35, 2104-2113.	2.4	41
9	Antagonistic Effects of Endogenous Nitric Oxide in a Glioblastoma Photodynamic Therapy Model. <i>Photochemistry and Photobiology</i> , 2016, 92, 842-853.	2.5	35
10	Enhanced aggressiveness of bystander cells in an anti-tumor photodynamic therapy model: Role of nitric oxide produced by targeted cells. <i>Free Radical Biology and Medicine</i> , 2017, 102, 111-121.	2.9	33
11	Deleterious Cholesterol Hydroperoxide Trafficking in Steroidogenic Acute Regulatory (StAR) Protein-expressing MA-10 Leydig Cells. <i>Journal of Biological Chemistry</i> , 2013, 288, 11509-11519.	3.4	28
12	Cholesterol Hydroperoxide Generation, Translocation, and Reductive Turnover in Biological Systems. <i>Cell Biochemistry and Biophysics</i> , 2017, 75, 413-419.	1.8	25
13	Cholesterol Peroxidation as a Special Type of Lipid Oxidation in Photodynamic Systems. <i>Photochemistry and Photobiology</i> , 2019, 95, 73-82.	2.5	24
14	Upstream signaling events leading to elevated production of pro-survival nitric oxide in photodynamically-challenged glioblastoma cells. <i>Free Radical Biology and Medicine</i> , 2019, 137, 37-45.	2.9	24
15	StarD4-mediated translocation of 7-hydroperoxycholesterol to isolated mitochondria: Deleterious effects and implications for steroidogenesis under oxidative stress conditions. <i>Biochemical and Biophysical Research Communications</i> , 2010, 392, 58-62.	2.1	23
16	Surprising Inability of Singlet Oxygen-generated 6-hydroperoxycholesterol to Induce Damaging Free Radical Lipid Peroxidation in Cell Membranes. <i>Photochemistry and Photobiology</i> , 2010, 86, 747-751.	2.5	19
17	Macrophage mitochondrial damage from StAR transport of 7-hydroperoxycholesterol: Implications for oxidative stress-impaired reverse cholesterol transport. <i>FEBS Letters</i> , 2014, 588, 65-70.	2.8	18
18	Bystander Effects of Nitric Oxide in Cellular Models of Anti-Tumor Photodynamic Therapy. <i>Cancers</i> , 2019, 11, 1674.	3.7	16

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19	Cholesterol as a natural probe for free radical-mediated lipid peroxidation in biological membranes and lipoproteins. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2016, 1019, 202-209.	2.3	10
20	Bystander effects of nitric oxide in anti-tumor photodynamic therapy. <i>Cancer Cell & Microenvironment</i> , 2017, 4, .	0.8	7
21	Separation and quantitation of phospholipid hydroperoxide families using high-performance liquid chromatography with mercury cathode electrochemical detection. <i>Analytical Biochemistry</i> , 2005, 343, 136-142.	2.4	6
22	Nitric Oxide Inhibition of Chain Lipid Peroxidation Initiated by Photodynamic Action in Membrane Environments. <i>Cell Biochemistry and Biophysics</i> , 2020, 78, 149-156.	1.8	6
23	Pathophysiological potential of lipid hydroperoxide intermembrane translocation: Cholesterol hydroperoxide translocation as a special case. <i>Redox Biology</i> , 2021, 46, 102096.	9.0	6
24	Nitric oxide-elicited resistance to anti-glioblastoma photodynamic therapy. , 2020, 3, 401-414.		6
25	Intermembrane Translocation of Photodynamically Generated Lipid Hydroperoxides: Broadcasting of Redox Damage. <i>Photochemistry and Photobiology</i> , 2022, 98, 591-597.	2.5	4
26	Anti-steroidogenic effects of cholesterol hydroperoxide trafficking in MA-10 Leydig cells: Role of mitochondrial lipid peroxidation and inhibition thereof by selenoperoxidase GPx4. <i>Biochemical and Biophysical Research Communications</i> , 2022, 591, 82-87.	2.1	4
27	Self-sensitized Photodegradation of Membrane-bound Protoporphyrin Mediated by Chain Lipid Peroxidation: Inhibition by Nitric Oxide with Sustained Singlet Oxygen Damage. <i>Photochemistry and Photobiology</i> , 2005, 81, 299-305.	2.5	3
28	Protoporphyrin IX-sensitized Photoinactivation of 5-aminolevulinic acid-treated Leukemia Cells: Effects of Exogenous Iron. <i>Photochemistry and Photobiology</i> , 1999, 69, 375-381.	2.5	1
29	Negative effects of tumor cell nitric oxide on anti-glioblastoma photodynamic therapy. <i>Journal of Cancer Metastasis and Treatment</i> , 2020, 2020, .	0.8	1
30	Intermembrane transfer of oxidized cardiolipin and recognition by proapoptotic Bcl-2 family member tBid. <i>FASEB Journal</i> , 2006, 20, A122.	0.5	0