Witold Mora de Korytowo-Korytowski

List of Publications by Year
in descending order

30 papers	790 citations	471509 17 h-index	501196 28 g-index
31 all docs	31 docs citations	31 times ranked	737 citing authors

#	Article	IF	Citations
1	Intermembrane Translocation of Photodynamically Generated Lipid Hydroperoxides: Broadcasting of Redox Damage^{â€}. Photochemistry and Photobiology, 2022, 98, 591-597.	2.5	4
2	Anti-steroidogenic effects of cholesterol hydroperoxide trafficking in MA-10 Leydig cells: Role of mitochondrial lipid peroxidation and inhibition thereof by selenoperoxidase GPx4. Biochemical and Biophysical Research Communications, 2022, 591, 82-87.	2.1	4
3	Pathophysiological potential of lipid hydroperoxide intermembrane translocation: Cholesterol hydroperoxide translocation as a special case. Redox Biology, 2021, 46, 102096.	9.0	6
4	Nitric Oxide Inhibition of Chain Lipid Peroxidation Initiated by Photodynamic Action in Membrane Environments. Cell Biochemistry and Biophysics, 2020, 78, 149-156.	1.8	6
5	Nitric oxide-elicited resistance to anti-glioblastoma photodynamic therapy. , 2020, 3, 401-414.		6
6	Negative effects of tumor cell nitric oxide on anti-glioblastoma photodynamic therapy. Journal of Cancer Metastasis and Treatment, 2020, 2020, .	0.8	1
7	Cholesterol Peroxidation as a Special Type of Lipid Oxidation in Photodynamic Systems. Photochemistry and Photobiology, 2019, 95, 73-82.	2.5	24
8	Bystander Effects of Nitric Oxide in Cellular Models of Anti-Tumor Photodynamic Therapy. Cancers, 2019, 11, 1674.	3.7	16
9	Upstream signaling events leading to elevated production of pro-survival nitric oxide in photodynamically-challenged glioblastoma cells. Free Radical Biology and Medicine, 2019, 137, 37-45.	2.9	24
10	Cholesterol Hydroperoxide Generation, Translocation, and Reductive Turnover in Biological Systems. Cell Biochemistry and Biophysics, 2017, 75, 413-419.	1.8	25
11	Enhanced aggressiveness of bystander cells in an anti-tumor photodynamic therapy model: Role of nitric oxide produced by targeted cells. Free Radical Biology and Medicine, 2017, 102, 111-121.	2.9	33
12	Bystander effects of nitric oxide in anti-tumor photodynamic therapy. Cancer Cell & Microenvironment, 2017, 4, .	0.8	7
13	Antagonistic Effects of Endogenous Nitric Oxide in a Glioblastoma Photodynamic Therapy Model. Photochemistry and Photobiology, 2016, 92, 842-853.	2.5	35
14	Cholesterol as a natural probe for free radical-mediated lipid peroxidation in biological membranes and lipoproteins. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2016, 1019, 202-209.	2.3	10
15	Impairment of Macrophage Cholesterol Efflux by Cholesterol Hydroperoxide Trafficking. Arteriosclerosis, Thrombosis, and Vascular Biology, 2015, 35, 2104-2113.	2.4	41
16	Macrophage mitochondrial damage from StAR transport of 7â€hydroperoxycholesterol: Implications for oxidative stressâ€impaired reverse cholesterol transport. FEBS Letters, 2014, 588, 65-70.	2.8	18
17	Deleterious Cholesterol Hydroperoxide Trafficking in Steroidogenic Acute Regulatory (StAR) Protein-expressing MA-10 Leydig Cells. Journal of Biological Chemistry, 2013, 288, 11509-11519.	3.4	28
18	Permeabilization of the Mitochondrial Outer Membrane by Bax/Truncated Bid (tBid) Proteins as Sensitized by Cardiolipin Hydroperoxide Translocation. Journal of Biological Chemistry, 2011, 286, 26334-26343.	3.4	81

#	Article	IF	Citations
19	Surprising Inability of Singlet Oxygenâ€generated 6â€Hydroperoxycholesterol to Induce Damaging Free Radical Lipid Peroxidation in Cell Membranes^{â€}. Photochemistry and Photobiology, 2010, 86, 747-751.	2.5	19
20	StarD4-mediated translocation of 7-hydroperoxycholesterol to isolated mitochondria: Deleterious effects and implications for steroidogenesis under oxidative stress conditions. Biochemical and Biophysical Research Communications, 2010, 392, 58-62.	2.1	23
21	Intermembrane transfer of oxidized cardiolipin and recognition by proapoptotic Bclâ€2 family member tBid. FASEB Journal, 2006, 20, A122.	0.5	0
22	Separation and quantitation of phospholipid hydroperoxide families using high-performance liquid chromatography with mercury cathode electrochemical detection. Analytical Biochemistry, 2005, 343, 136-142.	2.4	6
23	Selfâ€sensitized Photodegradation of Membraneâ€bound Protoporphyrin Mediated by Chain Lipid Peroxidation: Inhibition by Nitric Oxide with Sustained Singlet Oxygen Damage. Photochemistry and Photobiology, 2005, 81, 299-305.	2.5	3
24	Sterol Carrier Protein-2-Facilitated Intermembrane Transfer of Cholesterol- and Phospholipid-Derived Hydroperoxidesâ€. Biochemistry, 2004, 43, 12592-12605.	2.5	46
25	Spontaneous Transfer of Phospholipid and Cholesterol Hydroperoxides between Cell Membranes and Low-Density Lipoprotein:â€‰ Assessment of Reaction Kinetics and Prooxidant Effects. Biochemistry, 2002, 41, 13705-13716.	2.5	47
26	Lipid hydroperoxide analysis by high-performance liquid chromatography with mercury cathode electrochemical detection. Methods in Enzymology, 1999, 300, 23-33.	1.0	50
27	Protoporphyrin IXâ€Sensitized Photoinactivation of 5â€Aminolevulinateâ€Treated Leukemia Cells: Effects of Exogenous Iron. Photochemistry and Photobiology, 1999, 69, 375-381.	2.5	1
28	Characterization of lipid hydroperoxides generated by photodynamic treatment of leukemia cells. Lipids, 1994, 29, 449-459.	1.7	43
29	PHOTOPEROXIDATION OF CHOLESTEROL IN HOMOGENEOUS SOLUTION, ISOLATED MEMBRANES, AND CELLS: COMPARISON OF THE 5Î±- AND 6Î²-HYDROPEROXIDES AS INDICATORS OF SINGLET OXYGEN INTERMEDIACY. Photochemistry and Photobiology, 1992, 56, 1-8.	2.5	106
30	Chromatographic separation and electrochemical determination of cholesterol hydroperoxides generated by photodynamic action. Analytical Biochemistry, 1991, 197, 149-156.	2.4	76