Yulia Y Tyurina

List of Publications by Year
in descending order

182 papers	22,186 citations	14644 66 h-index	9579 142 g-index
184 all docs	184 docs citations	184 times ranked	20615 citing authors

#	Article	IF	Citations
1	Syrian hamsters as a model of lung injury with SARS-CoV-2 infection: Pathologic, physiologic, and detailed molecular profiling. Translational Research, 2022, 240, 1-16.	2.2	33
2	15LO1 dictates glutathione redox changes in asthmatic airway epithelium to worsen type 2 inflammation. Journal of Clinical Investigation, 2022, 132, .	3.9	45
3	C-ferroptosis is an iron-dependent form of regulated cell death in cyanobacteria. Journal of Cell Biology, 2022, 221, .	2.3	26
4	Myeloid Cellâ€“Derived Oxidized Lipids and Regulation of the Tumor Microenvironment. Cancer Research, 2022, 82, 187-194.	0.4	14
5	Inactivation of RIP3 kinase sensitizes to 15LOX/PEBP1-mediated ferroptotic death. Redox Biology, 2022, 50, 102232.	3.9	15
6	P. aeruginosa augments irradiation injury via 15-lipoxygenaseâ€“catalyzed generation of 15-HpETE-PE and induction of theft-ferroptosis. JCI Insight, 2022, 7, .	2.3	14
7	Necroptosis triggers spatially restricted neutrophil-mediated vascular damage during lung ischemia reperfusion injury. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, e2111537119.	3.3	23
8	Iron Chaperone Poly rC Binding Protein 1 Protects Mouse Liver From Lipid Peroxidation and Steatosis. Hepatology, 2021, 73, 1176-1193.	3.6	101
9	Resolving the paradox of ferroptotic cell death: Ferrostatin-1 binds to 15LOX/PEBP1 complex, suppresses generation of peroxidized ETE-PE, and protects against ferroptosis. Redox Biology, 2021, 38, 101744.	3.9	67
10	Lipids as regulators of inflammation and tissue regeneration. , 2021, , 175-193.		0
11	Phospholipase iPLA2Î² averts ferroptosis by eliminating a redox lipid death signal. Nature Chemical Biology, 2021, 17, 465-476.	3.9	168
12	Ferroptotic cell death triggered by conjugated linolenic acids is mediated by ACSL1. Nature Communications, 2021, 12, 2244.	5.8	104
13	Direct Mapping of Phospholipid Ferroptotic Death Signals in Cells and Tissues by Gas Cluster Ion Beam Secondary Ion Mass Spectrometry (GCIBâ€SIMS). Angewandte Chemie - International Edition, 2021, 60, 11784-11788.	7.2	38
14	Direct Mapping of Phospholipid Ferroptotic Death Signals in Cells and Tissues by Gas Cluster Ion Beam Secondary Ion Mass Spectrometry (GCIBâ€SIMS). Angewandte Chemie, 2021, 133, 11890-11894.	1.6	4
15	Phospholipids of APOE lipoproteins activate microglia in an isoform-specific manner in preclinical models of Alzheimerâ€™s disease. Nature Communications, 2021, 12, 3416.	5.8	57
16	Elucidating the contribution of mitochondrial glutathione to ferroptosis in cardiomyocytes. Redox Biology, 2021, 45, 102021.	3.9	88
17	Keratinocyte death by ferroptosis initiates skin inflammation after UVB exposure. Redox Biology, 2021, 47, 102143.	3.9	47
18	Stressed erythrophagocytosis induces immunosuppression during sepsis through heme-mediated STAT1 dysregulation. Journal of Clinical Investigation, 2021, 131, .	3.9	31

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19	PLA2G6 guards placental trophoblasts against ferroptotic injury. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 27319-27328.	3.3	98
20	Reactivation of dormant tumor cells by modified lipids derived from stress-activated neutrophils. Science Translational Medicine, 2020, 12, .	5.8	107
21	Lysocardiolipin acyltransferase regulates NSCLC cell proliferation and migration by modulating mitochondrial dynamics. Journal of Biological Chemistry, 2020, 295, 13393-13406.	1.6	12
22	Excessive phospholipid peroxidation distinguishes ferroptosis from other cell death modes including pyroptosis. Cell Death and Disease, 2020, 11, 922.	2.7	126
23	PEBP1 acts as a rheostat between prosurvival autophagy and ferroptotic death in asthmatic epithelial cells. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 14376-14385.	3.3	57
24	Redox lipid reprogramming commands susceptibility of macrophages and microglia to ferroptotic death. Nature Chemical Biology, 2020, 16, 278-290.	3.9	299
25	Achieving Life through Death: Redox Biology of Lipid Peroxidation in Ferroptosis. Cell Chemical Biology, 2020, 27, 387-408.	2.5	144
26	Lipidomics and RNA sequencing reveal a novel subpopulation of nanovesicle within extracellular matrix biomaterials. Science Advances, 2020, 6, eaay4361.	4.7	54
27	Redox Epiphospholipidome in Programmed Cell Death Signaling: Catalytic Mechanisms and Regulation. Frontiers in Endocrinology, 2020, 11, 628079.	1.5	16
28	Polymorphonuclear myeloid-derived suppressor cells limit antigen cross-presentation by dendritic cells in cancer. JCI Insight, 2020, 5, .	2.3	72
29	Redox (phospho)lipidomics of signaling in inflammation and programmed cell death. Journal of Leukocyte Biology, 2019, 106, 57-81.	1.5	33
30	â€œRedox lipidomics technology: Looking for a needle in a haystackâ€ Chemistry and Physics of Lipids, 2019, 221, 93-107.	1.5	35
31	Mitochondria modulate programmed neuritic retraction. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 650-659.	3.3	29
32	Ferroptotic cell death and TLR4/Trif signaling initiate neutrophil recruitment after heart transplantation. Journal of Clinical Investigation, 2019, 129, 2293-2304.	3.9	283
33	FINO2 initiates ferroptosis through GPX4 inactivation and iron oxidation. Nature Chemical Biology, 2018, 14, 507-515.	3.9	471
34	Lipid homeostasis and inflammatory activation are disturbed in classically activated macrophages with peroxisomal <i>Î²</i>â€oxidation deficiency. Immunology, 2018, 153, 342-356.	2.0	13
35	â€œOnly a Life Lived for Others Is Worth Livingâ€ Redox Signaling by Oxygenated Phospholipids in Cell Fate Decisions. Antioxidants and Redox Signaling, 2018, 29, 1333-1358.	2.5	33
36	Empowerment of 15-Lipoxygenase Catalytic Competence in Selective Oxidation of Membrane ETE-PE to Ferroptotic Death Signals, HpETE-PE. Journal of the American Chemical Society, 2018, 140, 17835-17839.	6.6	63

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37	Nano-targeted induction of dual ferroptotic mechanisms eradicates high-risk neuroblastoma. Journal of Clinical Investigation, 2018, 128, 3341-3355.	3.9	406
38	Pseudomonas aeruginosa utilizes host polyunsaturated phosphatidylethanolamines to trigger theft-ferroptosis in bronchial epithelium. Journal of Clinical Investigation, 2018, 128, 4639-4653.	3.9	159
39	Genetic re-engineering of polyunsaturated phospholipid profile of Saccharomyces cerevisiae identifies a novel role for Cld1 in mitigating the effects of cardiolipin peroxidation. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2018, 1863, 1354-1368.	1.2	16
40	Aberrant cardiolipin metabolism is associated with cognitive deficiency and hippocampal alteration in tafazzin knockdown mice. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2018, 1864, 3353-3367.	1.8	24
41	The mito-DAMP cardiolipin blocks IL-10 production causing persistent inflammation during bacterial pneumonia. Nature Communications, 2017, 8, 13944.	5.8	94
42	Elimination of the unnecessary: Intra- and extracellular signaling by anionic phospholipids. Biochemical and Biophysical Research Communications, 2017, 482, 482-490.	1.0	12
43	Lipidomics Characterization of Biosynthetic and Remodeling Pathways of Cardiolipins in Genetically and Nutritionally Manipulated Yeast Cells. ACS Chemical Biology, 2017, 12, 265-281.	1.6	25
44	PEBP1 Wardens Ferroptosis by Enabling Lipoxygenase Generation of Lipid Death Signals. Cell, 2017, 171, 628-641.e26.	13.5	589
45	Oxidized arachidonic and adrenic PEs navigate cells to ferroptosis. Nature Chemical Biology, 2017, 13, 81-90.	3.9	1,589
46	ACSL4 dictates ferroptosis sensitivity by shaping cellular lipid composition. Nature Chemical Biology, 2017, 13, 91-98.	3.9	2,069
47	Known unknowns of cardiolipin signaling: The best is yet to come. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2017, 1862, 8-24.	1.2	94
48	LPS impairs oxygen utilization in epithelia by triggering degradation of the mitochondrial enzyme Alcat1. Journal of Cell Science, 2016, 129, 51-64.	1.2	19
49	Biosynthesis of oxidized lipid mediators via lipoprotein-associated phospholipase A₂hydrolysis of extracellular cardiolipin induces endothelial toxicity. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2016, 311, L303-L316.	1.3	20
50	Mild mitochondrial metabolic deficits by Î±-ketoglutarate dehydrogenase inhibition cause prominent changes in intracellular autophagic signaling: Potential role in the pathobiology of Alzheimer's disease. Neurochemistry International, 2016, 96, 32-45.	1.9	27
51	Mitochondrial Redox Opto-Lipidomics Reveals Mono-Oxygenated Cardiolipins as Pro-Apoptotic Death Signals. ACS Chemical Biology, 2016, 11, 530-540.	1.6	22
52	Cardiolipin Signaling Mechanisms: Collapse of Asymmetry and Oxidation. Antioxidants and Redox Signaling, 2015, 22, 1667-1680.	2.5	50
53	Dichotomous roles for externalized cardiolipin in extracellular signaling: Promotion of phagocytosis and attenuation of innate immunity. Science Signaling, 2015, 8, ra95.	1.6	62
54	Defects of Lipid Synthesis Are Linked to the Age-Dependent Demyelination Caused by Lamin B1 Overexpression. Journal of Neuroscience, 2015, 35, 12002-12017.	1.7	51

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55	Deciphering of Mitochondrial Cardiolipin Oxidative Signaling in Cerebral Ischemia-Reperfusion. Journal of Cerebral Blood Flow and Metabolism, 2015, 35, 319-328.	2.4	51
56	Long-chain Acyl-CoA Dehydrogenase Deficiency as a Cause of Pulmonary Surfactant Dysfunction. Journal of Biological Chemistry, 2014, 289, 10668-10679.	1.6	44
57	Characterization of cardiolipins and their oxidation products by LCâ€“MS analysis. Chemistry and Physics of Lipids, 2014, 179, 3-10.	1.5	39
58	Cardiolipin asymmetry, oxidation and signaling. Chemistry and Physics of Lipids, 2014, 179, 64-69.	1.5	109
59	Inactivation of the ferroptosis regulator Gpx4 triggers acute renal failure in mice. Nature Cell Biology, 2014, 16, 1180-1191.	4.6	2,241
60	A mitochondrial pathway for biosynthesis of lipid mediators. Nature Chemistry, 2014, 6, 542-552.	6.6	130
61	E3 Ligase Subunit Fbxo15 and PINK1 Kinase Regulate Cardiolipin Synthase 1 Stability and Mitochondrial Function in Pneumonia. Cell Reports, 2014, 7, 476-487.	2.9	45
62	Quantification of Selective Phosphatidylserine Oxidation During Apoptosis. Methods in Molecular Biology, 2014, 1105, 603-611.	0.4	4
63	Cardiolipin externalization to the outer mitochondrial membrane acts as an elimination signal for mitophagy in neuronal cells. Nature Cell Biology, 2013, 15, 1197-1205.	4.6	792
64	Dual Function of Mitochondrial Nm23-H4 Protein in Phosphotransfer and Intermembrane Lipid Transfer. Journal of Biological Chemistry, 2013, 288, 111-121.	1.6	92
65	LC/MS characterization of rotenone induced cardiolipin oxidation in human lymphocytes: Implications for mitochondrial dysfunction associated with Parkinson's disease. Molecular Nutrition and Food Research, 2013, 57, 1410-1422.	1.5	27
66	Mitochondrial Injury after Mechanical Stretch of Cortical Neurons<i>in vitro</i>: Biomarkers of Apoptosis and Selective Peroxidation of Anionic Phospholipids. Journal of Neurotrauma, 2012, 29, 776-788.	1.7	39
67	Healthy Free Radical Pessimism. Oxidative Stress and Disease, 2012, , 3-12.	0.3	0
68	Specificity of Lipoprotein-Associated Phospholipase A₂ toward Oxidized Phosphatidylserines: Liquid Chromatographyâ€“Electrospray Ionization Mass Spectrometry Characterization of Products and Computer Modeling of Interactions. Biochemistry, 2012, 51, 9736-9750.	1.2	23
69	Oxidized phospholipids as biomarkers of tissue and cell damage with a focus on cardiolipin. Biochimica Et Biophysica Acta - Biomembranes, 2012, 1818, 2413-2423.	1.4	57
70	Lipidomics identifies cardiolipin oxidation as a mitochondrial target for redox therapy of brain injury. Nature Neuroscience, 2012, 15, 1407-1413.	7.1	254
71	Mitochondria targeting of nonâ€peroxidizable triphenylphosphonium conjugated oleic acid protects mouse embryonic cells against apoptosis: Role of cardiolipin remodeling. FEBS Letters, 2012, 586, 235-241.	1.3	27
72	Succinobucol induces apoptosis in vascular smooth muscle cells. Free Radical Biology and Medicine, 2012, 52, 871-879.	1.3	9

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73	Oxidative Lipidomics of Î³-Radiation-Induced Lung Injury: Mass Spectrometric Characterization of Cardiolipin and Phosphatidylserine Peroxidation. Radiation Research, 2011, 175, 610.	0.7	70
74	Global Phospholipidomics Analysis Reveals Selective Pulmonary Peroxidation Profiles upon Inhalation of Single-Walled Carbon Nanotubes. ACS Nano, 2011, 5, 7342-7353.	7.3	64
75	Topography of tyrosine residues and their involvement in peroxidation of polyunsaturated cardiolipin in cytochrome c/cardiolipin peroxidase complexes. Biochimica Et Biophysica Acta - Biomembranes, 2011, 1808, 2147-2155.	1.4	64
76	Mass-spectrometric characterization of peroxidized and hydrolyzed lipids in plasma and dendritic cells of tumor-bearing animals. Biochemical and Biophysical Research Communications, 2011, 413, 149-153.	1.0	15
77	A mitochondria-targeted inhibitor of cytochrome c peroxidase mitigates radiation-induced death. Nature Communications, 2011, 2, 497.	5.8	91
78	The Enzymatic Oxidation of Graphene Oxide. ACS Nano, 2011, 5, 2098-2108.	7.3	347
79	A high-throughput screening assay of ascorbate in brain samples. Journal of Neuroscience Methods, 2011, 201, 185-190.	1.3	7
80	Two Strategies for the Development of Mitochondrion-Targeted Small Molecule Radiation Damage Mitigators. International Journal of Radiation Oncology Biology Physics, 2011, 80, 860-868.	0.4	63
81	Cytoprotective effects of albumin, nitrosated or reduced, in cultured rat pulmonary vascular cells. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2011, 300, L526-L533.	1.3	8
82	The cyclooxygenase site, but not the peroxidase site of cyclooxygenaseâ€2 is required for neurotoxicity in hypoxic and ischemic injury. Journal of Neurochemistry, 2010, 113, 965-977.	2.1	26
83	Dynamic regulation of cardiolipin by the lipid pump Atp8b1 determines the severity of lung injury in experimental pneumonia. Nature Medicine, 2010, 16, 1120-1127.	15.2	133
84	Carbon nanotubes degraded by neutrophil myeloperoxidase induce less pulmonary inflammation. Nature Nanotechnology, 2010, 5, 354-359.	15.6	698
85	Lipid antioxidants: free radical scavenging <i>versus</i> regulation of enzymatic lipid peroxidation. Journal of Clinical Biochemistry and Nutrition, 2010, 48, 91-95.	0.6	38
86	N-acetylcysteine does not prevent hepatorenal ischaemia-reperfusion injury in patients undergoing orthotopic liver transplantation. Nephrology Dialysis Transplantation, 2010, 25, 2328-2333.	0.4	51
87	Oxidative Lipidomics of Apoptosis: Quantitative Assessment of Phospholipid Hydroperoxides in Cells and Tissues. Methods in Molecular Biology, 2010, 610, 353-374.	0.4	34
88	Phosphomimetic Substitution of Cytochrome<i>c</i>Tyrosine 48 Decreases Respiration and Binding to Cardiolipin and Abolishes Ability to Trigger Downstream Caspase Activation. Biochemistry, 2010, 49, 6705-6714.	1.2	77
89	Oxidative lipidomics of hyperoxic acute lung injury: mass spectrometric characterization of cardiolipin and phosphatidylserine peroxidation. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2010, 299, L73-L85.	1.3	73
90	Phosphatidylserine Targets Single-Walled Carbon Nanotubes to Professional Phagocytes In Vitro and In Vivo. PLoS ONE, 2009, 4, e4398.	1.1	108

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91	Peroxidase Mechanism of Lipid-dependent Cross-linking of Synuclein with Cytochrome c. Journal of Biological Chemistry, 2009, 284, 15951-15969.	1.6	86
92	Involvement of a functional NADPH oxidase in neutrophils and macrophages during programmed cell clearance: implications for chronic granulomatous disease. American Journal of Physiology - Cell Physiology, 2009, 297, C621-C631.	2.1	68
93	Recognition of Live Phosphatidylserine-Labeled Tumor Cells by Dendritic Cells: A Novel Approach to Immunotherapy of Skin Cancer. Cancer Research, 2009, 69, 2487-2496.	0.4	12
94	Cytochrome c/cardiolipin relations in mitochondria: a kiss of death. Free Radical Biology and Medicine, 2009, 46, 1439-1453.	1.3	382
95	Mitochondriaâ€targeted disruptors and inhibitors of cytochrome <i>c</i>/cardiolipin peroxidase complexes: A new strategy in antiâ€apoptotic drug discovery. Molecular Nutrition and Food Research, 2009, 53, 104-114.	1.5	81
96	Mass-spectrometric analysis of hydroperoxy- and hydroxy-derivatives of cardiolipin and phosphatidylserine in cells and tissues induced by pro-apoptotic and pro-inflammatory stimuli. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2009, 877, 2863-2872.	1.2	63
97	Mitochondrial targeting of electron scavenging antioxidants: Regulation of selective oxidation vs random chain reactionsâ˜†. Advanced Drug Delivery Reviews, 2009, 61, 1375-1385.	6.6	103
98	Heterolytic Reduction of Fatty Acid Hydroperoxides by Cytochrome <i>c</i>/Cardiolipin Complexes: Antioxidant Function in Mitochondria. Journal of the American Chemical Society, 2009, 131, 11288-11289.	6.6	62
99	A Mitochondria-Targeted Triphenylphosphonium-Conjugated Nitroxide Functions as a Radioprotector/Mitigator. Radiation Research, 2009, 172, 706-717.	0.7	76
100	Mass-Spectrometric Characterization of Phospholipids and Their Hydroperoxide Derivatives In Vivo: Effects of Total Body Irradiation. , 2009, 580, 153-183.		18
101	Massâ€spectrometric characterization of phospholipids and their primary peroxidation products in rat cortical neurons during staurosporineâ€induced apoptosis. Journal of Neurochemistry, 2008, 107, 1614-1633.	2.1	76
102	Oxidative lipidomics of Î³-irradiation-induced intestinal injury. Free Radical Biology and Medicine, 2008, 44, 299-314.	1.3	84
103	Chapter Nineteen Oxidative Lipidomics of Programmed Cell Death. Methods in Enzymology, 2008, 442, 375-393.	0.4	58
104	Sequential Exposure to Carbon Nanotubes and Bacteria Enhances Pulmonary Inflammation and Infectivity. American Journal of Respiratory Cell and Molecular Biology, 2008, 38, 579-590.	1.4	165
105	Nitrosative Stress Inhibits the Aminophospholipid Translocase Resulting in Phosphatidylserine Externalization and Macrophage Engulfment. Journal of Biological Chemistry, 2007, 282, 8498-8509.	1.6	74
106	Treatment With a Novel Hemigramicidin-TEMPO Conjugate Prolongs Survival in a Rat Model of Lethal Hemorrhagic Shock. Annals of Surgery, 2007, 245, 305-314.	2.1	80
107	Hemigramicidin-TEMPO conjugates: Novel mitochondria-targeted antioxidants. Critical Care Medicine, 2007, 35, S461-S467.	0.4	65
108	The Hierarchy of Structural Transitions Induced in Cytochrome <i>c</i> by Anionic Phospholipids Determines Its Peroxidase Activation and Selective Peroxidation during Apoptosis in Cells. Biochemistry, 2007, 46, 14232-14244.	1.2	110

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109	Selective early cardiolipin peroxidation after traumatic brain injury: an oxidative lipidomics analysis. Annals of Neurology, 2007, 62, 154-169.	2.8	168
110	Cardiolipin-Specific Peroxidase Reactions of Cytochrome c in Mitochondria During Irradiation-Induced Apoptosis. International Journal of Radiation Oncology Biology Physics, 2007, 69, 176-186.	0.4	52
111	Hemigramicidinâ€"TEMPO conjugates: Novel mitochondria-targeted anti-oxidants. Biochemical Pharmacology, 2007, 74, 801-809.	2.0	77
112	Vitamin E deficiency enhances pulmonary inflammatory response and oxidative stress induced by single-walled carbon nanotubes in C57BL/6 mice. Toxicology and Applied Pharmacology, 2007, 221, 339-348.	1.3	144
113	Mechanisms of Cardiolipin Oxidation by Cytochrome c: Relevance to Pro- and Antiapoptotic Functions of Etoposide. Molecular Pharmacology, 2006, 70, 706-717.	1.0	76
114	Oxidation and cytotoxicity of 6-OHDA are mediated by reactive intermediates of COX-2 overexpressed in PC12 cells. Brain Research, 2006, 1093, 71-82.	1.1	25
115	Bcl-2-mediated potentiation of neocarzinostatin-induced apoptosis: requirement for caspase-3, sulfhydryl groups, and cleavable Bcl-2. Cancer Chemotherapy and Pharmacology, 2006, 57, 357-367.	1.1	9
116	Antioxidants and coronary artery disease among individuals with type 1 diabetes: Findings from the Pittsburgh Epidemiology of Diabetes Complications Study. Journal of Diabetes and Its Complications, 2006, 20, 387-394.	1.2	17
117	Quantification of Selective Phosphatidylserine Oxidation During Apoptosis. , 2005, 291, 449-456.		10
118	The intracellular domain of p75NTR as a determinant of cellular reducing potential and response to oxidant stress. Aging Cell, 2005, 4, 187-196.	3.0	28
119	Cytochrome c acts as a cardiolipin oxygenase required for release of proapoptotic factors. Nature Chemical Biology, 2005, 1, 223-232.	3.9	1,088
120	Enhanced Oxidative Stress in iNOS-Deficient Mice after Traumatic Brain Injury: Support for a Neuroprotective Role of iNOS. Journal of Cerebral Blood Flow and Metabolism, 2005, 25, 673-684.	2.4	125
121	Unusual inflammatory and fibrogenic pulmonary responses to single-walled carbon nanotubes in mice. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2005, 289, L698-L708.	1.3	1,144
122	Thioredoxin and Lipoic Acid Catalyze the Denitrosation of Low Molecular Weight and ProteinS-Nitrosothiols. Journal of the American Chemical Society, 2005, 127, 15815-15823.	6.6	151
123	MnSOD-plasmid liposome gene therapy decreases ionizing irradiation-induced lipid peroxidation of the esophagus. In Vivo, 2005, 19, 997-1004.	0.6	27
124	Lipid Antioxidant, Etoposide, Inhibits Phosphatidylserine Externalization and Macrophage Clearance of Apoptotic Cells by Preventing Phosphatidylserine Oxidation. Journal of Biological Chemistry, 2004, 279, 6056-6064.	1.6	68
125	Glutathione Propagates Oxidative Stress Triggered by Myeloperoxidase in HL-60 Cells. Journal of Biological Chemistry, 2004, 279, 23453-23462.	1.6	58
126	Arachidonic acid-induced carbon-centered radicals and phospholipid peroxidation in cyclo-oxygenase-2-transfected PC12 cells. Journal of Neurochemistry, 2004, 90, 1036-1049.	2.1	58

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127	Oxidative lipidomics of apoptosis: redox catalytic interactions of cytochrome c with cardiolipin and phosphatidylserine. Free Radical Biology and Medicine, 2004, 37, 1963-1985.	1.3	320
128	Cytochrome c release is required for phosphatidylserine peroxidation during fas-triggered apoptosis in lung epithelial A549 cells. Lipids, 2004, 39, 1133-1142.	0.7	36
129	Ascorbate as a â€œredox sensorâ€•and protector against irradiation-induced oxidative stress in 32D CL 3 hematopoietic cells and subclones overexpressing human manganese superoxide dismutase. International Journal of Radiation Oncology Biology Physics, 2004, 58, 851-861.	0.4	45
130	Vitamin E Inhibits Anti-Fas-Induced Phosphatidylserine Oxidation but Does Not Affect Its Externalization During Apoptosis in Jurkat T Cells and Their Phagocytosis by J774A.1 Macrophages. Antioxidants and Redox Signaling, 2004, 6, 227-236.	2.5	11
131	The Plasma Membrane Is the Site of Selective Phosphatidylserine Oxidation During Apoptosis: Role of Cytochromec. Antioxidants and Redox Signaling, 2004, 6, 209-225.	2.5	42
132	Oxidation of phosphatidylserine: a mechanism for plasma membrane phospholipid scrambling during apoptosis?. Biochemical and Biophysical Research Communications, 2004, 324, 1059-1064.	1.0	88
133	Peroxidation and externalization of phosphatidylserine associated with release of cytochrome c from mitochondria. Free Radical Biology and Medicine, 2003, 35, 814-825.	1.3	52
134	A Role for Oxidative Stress in Apoptosis: Oxidation and Externalization of Phosphatidylserine Is Required for Macrophage Clearance of Cells Undergoing Fas-Mediated Apoptosis. Journal of Immunology, 2002, 169, 487-499.	0.4	245
135	NADPH Oxidase-dependent Oxidation and Externalization of Phosphatidylserine during Apoptosis in Me2SO-differentiated HL-60 Cells. Journal of Biological Chemistry, 2002, 277, 49965-49975.	1.6	123
136	Early Antioxidant Therapy with Tempol during Hemorrhagic Shock Increases Survival in Rats. Journal of Trauma, 2002, 53, 968-977.	2.3	24
137	[14] Peroxidation of phosphatidylserine in mechanisms of apoptotic signaling. Methods in Enzymology, 2002, 352, 159-174.	0.4	10
138	Assessment of Antioxidant Reserves and Oxidative Stress in Cerebrospinal Fluid after Severe Traumatic Brain Injury in Infants and Children. Pediatric Research, 2002, 51, 571-578.	1.1	253
139	[30] Quantitation of S-nitrosothiols in cells and biological fluids. Methods in Enzymology, 2002, 352, 347-360.	0.4	19
140	Oxidative Stress Following Traumatic Brain Injury in Rats. Journal of Neurochemistry, 2002, 75, 2178-2189.	2.1	214
141	Anti-/pro-oxidant effects of phenolic compounds in cells: are colchicine metabolites chain-breaking antioxidants?. Toxicology, 2002, 177, 105-117.	2.0	19
142	Antioxidant Tempol Enhances Hypothermic Cerebral Preservation during Prolonged Cardiac Arrest in Dogs. Journal of Cerebral Blood Flow and Metabolism, 2002, 22, 105-117.	2.4	69
143	Title is missing!. Molecular and Cellular Biochemistry, 2002, 234/235, 125-133.	1.4	10
144	Depletion of Bc1-2 by an antisense oligonucleotide induces apoptosis accompanied by oxidation and externalization of phosphatidylserine in NCI-H226 lung carcinoma cells. , 2002, , 125-133.		5

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145	Depletion of Bcl-2 by an antisense oligonucleotide induces apoptosis accompanied by oxidation and externalization of phosphatidylserine in NCI-H226 lung carcinoma cells. Molecular and Cellular Biochemistry, 2002, 234-235, 125-33.	1.4	3
146	Modulation of Redox Signal Transduction Pathways in the Treatment of Cancer. Antioxidants and Redox Signaling, 2001, 3, 347-359.	2.5	30
147	Nitric oxide-dependent pro-oxidant and pro-apoptotic effect of metallothioneins in HL-60 cells challenged with cupric nitrilotriacetate. Biochemical Journal, 2001, 354, 397.	1.7	25
148	Nitric oxide-dependent pro-oxidant and pro-apoptotic effect of metallothioneins in HL-60 cells challenged with cupric nitrilotriacetate. Biochemical Journal, 2001, 354, 397-406.	1.7	29
149	Quantitative Analysis of Phospholipid Peroxidation and Antioxidant Protection in Live Human Epidermal Keratinocytes. Bioscience Reports, 2001, 21, 33-43.	1.1	15
150	Antioxidant Mechanisms of Nitric Oxide Against Iron-Catalyzed Oxidative Stress in Cells. Antioxidants and Redox Signaling, 2001, 3, 189-202.	2.5	58
151	Elevated Levels of <i>S</i> -Nitrosoalbumin in Preeclampsia Plasma. Circulation Research, 2001, 88, 1210-1215.	2.0	113
152	Redox Cycling of Phenol Induces Oxidative Stress in Human Epidermal Keratinocytes. Journal of Investigative Dermatology, 2000, 114, 354-364.	0.3	89
153	Quinolizin-Coumarins as Physical Enhancers of Chemiluminescence during Lipid Peroxidation in Live HL-60 Cells. Archives of Biochemistry and Biophysics, 2000, 384, 154-162.	1.4	15
154	Myeloperoxidase-Catalyzed Phenoxyl Radicals of Vitamin E Homologue, 2,2,5,7,8-Pentamethyl-6-hydroxychromane, Do Not Induce Oxidative Stress in Live HL-60 Cells. Biochemical and Biophysical Research Communications, 2000, 270, 1086-1092.	1.0	6
155	Oxidative signaling pathway for externalization of plasma membrane phosphatidylserine during apoptosis. FEBS Letters, 2000, 477, 1-7.	1.3	162
156	Antioxidant and Antiapoptotic Function of Metallothioneins in HL-60 Cells Challenged with Copper Nitrilotriacetate. Chemical Research in Toxicology, 2000, 13, 1275-1286.	1.7	30
157	Nitric Oxide Dissociates Lipid Oxidation from Apoptosis and Phosphatidylserine Externalization during Oxidative Stress. Biochemistry, 2000, 39, 127-138.	1.2	39
158	Estrogen and Tamoxifen Metabolites Protect Smooth Muscle Cell Membrane Phospholipids Against Peroxidation and Inhibit Cell Growth. Circulation Research, 1999, 84, 229-239.	2.0	95
159	Bifunctional Anti-/Prooxidant Potential of Metallothionein: Redox Signaling of Copper Binding and Release. Antioxidants and Redox Signaling, 1999, 1, 349-364.	2.5	32
160	tert-butyl hydroperoxide/hemoglobin-induced oxidative stress and damage to vascular smooth muscle cells. Biochemical Pharmacology, 1999, 57, 989-1001.	2.0	11
161	Selective oxidation and externalization of membrane phosphatidylserine: Bcl-2-induced potentiation of the final common pathway for apoptosis. Brain Research, 1999, 831, 125-130.	1.1	28
162	Myeloperoxidase-catalyzed redox-cycling of phenol promotes lipid peroxidation and thiol oxidation in HL-60 cells. Free Radical Biology and Medicine, 1999, 27, 1050-1063.	1.3	56

#	Article	IF	Citations
163	Peroxidase-Catalyzed Pro- versus Antioxidant Effects of 4-Hydroxytamoxifen:â€‰ Enzyme Specificity and Biochemical Sequelae. Chemical Research in Toxicology, 1999, 12, 28-37.	1.7	28
164	Redox Regulation of Copperâ€"Metallothionein. Archives of Biochemistry and Biophysics, 1999, 363, 171-181.	1.4	60
165	Differential Membrane Antioxidant Effects of Immediate and Long-Term Estradiol Treatment of MCF-7 Breast Cancer Cells. Biochemical and Biophysical Research Communications, 1999, 260, 410-415.	1.0	15
166	Mechanism-Based Chemopreventive Strategies Against Etoposide-Induced Acute Myeloid Leukemia: Free Radical/Antioxidant Approach. Molecular Pharmacology, 1999, 56, 494-506.	1.0	74
167	REDUCTION OF OVERALL ANTIOXIDANT RESERVE IN LIVER AND SMALL INTESTINE AFTER UNCONTROLLED HEMORRHAGIC SHOCK AND RESUSCITATION IN RATS. Critical Care Medicine, 1999, 27, 106A.	0.4	3
168	Glutamate-induced cytotoxicity in PC12 pheochromocytoma cells: role of oxidation of phospholipids, glutathione and protein sulfhydryls revealed by bcl-2 transfection. Molecular Brain Research, 1998, 60, 270-281.	2.5	31
169	Plasma membrane NADH-coenzyme Q0 reductase generates semiquinone radicals and recycles vitamin E homologue in a superoxide-dependent reaction. FEBS Letters, 1998, 428, 43-46.	1.3	53
170	Random versus Selective Membrane Phospholipid Oxidation in Apoptosis:â€‰ Role of Phosphatidylserine. Biochemistry, 1998, 37, 13781-13790.	1.2	72
171	Nitric Oxide Protects Cardiomyocytes againsttert-Butyl Hydroperoxide-Induced Formation of Alkoxyl and Peroxyl Radicals and Peroxidation of Phosphatidylserine. Biochemical and Biophysical Research Communications, 1998, 244, 647-651.	1.0	40
172	Sensitive and Specific Fluorescent Probing of Oxidative Stress in Different Classes of Membrane Phospholipids in Live Cells Using Metabolically Integrated cis-Parinaric Acid. , 1998, 108, 71-88.		24
173	Paraquat-induced phosphatidylserine oxidation and apoptosis are independent of activation of PLA2. American Journal of Physiology - Lung Cellular and Molecular Physiology, 1998, 274, L793-L802.	1.3	14
174	Role of Coenzyme Q and Superoxide in Vitamin E Cycling. Sub-Cellular Biochemistry, 1998, 30, 491-507.	1.0	22
175	Î²-Carotene. Sub-Cellular Biochemistry, 1998, , 209-217.	1.0	2
176	Amphotericin B as an intracellular antioxidant. Biochemical Pharmacology, 1997, 54, 937-945.	2.0	13
177	Direct Evidence for Antioxidant Effect of Bcl-2 in PC12 Rat Pheochromocytoma Cells. Archives of Biochemistry and Biophysics, 1997, 344, 413-423.	1.4	84
178	Overexpression of metallothionein decreases sensitivity of pulmonary endothelial cells to oxidant injury. American Journal of Physiology - Lung Cellular and Molecular Physiology, 1997, 273, L856-L865.	1.3	47
179	Peroxidase-catalyzed oxidation of Î²-carotene in HL-60 cells and in model systems: Involvement of phenoxyl radicals. Lipids, 1997, 32, 131-142.	0.7	15
180	Antioxidant Depletion, Lipid Peroxidation, and Impairment of Calcium Transport Induced by Air-Blast Overpressure in Rat Lungs. Experimental Lung Research, 1996, 22, 179-200.	0.5	24

#	Article	IF	Citations
181	Ganglioside GM1 protects cAMP 3â€² 5â€²: Phosphodiesterase from inactivation caused by lipid peroxidation in brain synaptosomes of rats. Molecular and Chemical Neuropathology, 1993, 19, 205-217.	1.0	18
182	Ganglioside-dependent factor, inhibiting lipid peroxidation in rat brain synaptosomes. Neurochemistry International, 1992, 20, 401-407.	1.9	29