

# Harry Ischiropoulos

## List of Publications by Year in descending order

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168  
papers

35,567  
citations

8181

76  
h-index

5829

161  
g-index

205  
all docs

205  
docs citations

205  
times ranked

38497  
citing authors

#	ARTICLE	IF	CITATIONS
1	PPARdelta activation induces metabolic and contractile maturation of human pluripotent stem cell-derived cardiomyocytes. <i>Cell Stem Cell</i> , 2022, 29, 559-576.e7.	11.1	34
2	The effect of dietary nitrate on exercise capacity in chronic kidney disease: a randomized controlled pilot study. <i>Nitric Oxide - Biology and Chemistry</i> , 2021, 106, 17-23.	2.7	5
3	TCA cycle metabolic compromise due to an aberrant S-nitrosoproteome in HIV-associated neurocognitive disorder with methamphetamine use. <i>Journal of NeuroVirology</i> , 2021, 27, 367-378.	2.1	6
4	Multimodality assessment of heart failure with preserved ejection fraction skeletal muscle reveals differences in the machinery of energy fuel metabolism. <i>ESC Heart Failure</i> , 2021, 8, 2698-2712.	3.1	16
5	Mitochondrial morphology, bioenergetics and proteomic responses in fatty acid oxidation disorders. <i>Redox Biology</i> , 2021, 41, 101923.	9.0	6
6	Human Placental Transcriptome Reveals Critical Alterations in Inflammation and Energy Metabolism with Fetal Sex Differences in Spontaneous Preterm Birth. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7899.	4.1	26
7	Endogenous S-nitrosocysteine proteomic inventories identify a core of proteins in heart metabolic pathways. <i>Redox Biology</i> , 2021, 47, 102153.	9.0	8
8	Organic mercury solid phase chemoselective capture for proteomic identification of S-nitrosated proteins and peptides. <i>Nitric Oxide - Biology and Chemistry</i> , 2021, 117, 1-6.	2.7	3
9	ASS1 and ASL suppress growth in clear cell renal cell carcinoma via altered nitrogen metabolism. <i>Cancer &amp; Metabolism</i> , 2021, 9, 40.	5.0	14
10	Systematic elucidation of neuron-astrocyte interaction in models of amyotrophic lateral sclerosis using multi-modal integrated bioinformatics workflow. <i>Nature Communications</i> , 2020, 11, 5579.	12.8	28
11	AMPA Receptor Surface Expression Is Regulated by S-Nitrosylation of Thorase and Transnitrosylation of NSF. <i>Cell Reports</i> , 2020, 33, 108329.	6.4	12
12	The Metabolomic Signature of the Placenta in Spontaneous Preterm Birth. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1043.	4.1	47
13	Cyclized NDGA modifies dynamic $\alpha$ -synuclein monomers preventing aggregation and toxicity. <i>Scientific Reports</i> , 2019, 9, 2937.	3.3	31
14	The usual suspects, dopamine and $\alpha$ -synuclein, conspire to cause neurodegeneration. <i>Movement Disorders</i> , 2019, 34, 167-179.	3.9	62
15	The Convergence of Dopamine and $\alpha$ -Synuclein: Implications for Parkinson's Disease. <i>Journal of Experimental Neuroscience</i> , 2018, 12, 117906951876136.	2.3	16
16	Induction of the Immunoproteasome Subunit Lmp7 Links Proteostasis and Immunity in $\alpha$ -Synuclein Aggregation Disorders. <i>EBioMedicine</i> , 2018, 31, 307-319.	6.1	32
17	Diet-Induced Circadian Enhancer Remodeling Synchronizes Opposing Hepatic Lipid Metabolic Processes. <i>Cell</i> , 2018, 174, 831-842.e12.	28.9	150
18	Host Nitric Oxide Disrupts Microbial Cell-to-Cell Communication to Inhibit Staphylococcal Virulence. <i>Cell Host and Microbe</i> , 2018, 23, 594-606.e7.	11.0	43

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19	Nitric Oxide Disrupts Zinc Homeostasis in Salmonella enterica Serovar Typhimurium. MBio, 2018, 9, .	4.1	30
20	Oral nitrite restores age-dependent phenotypes in eNOS-null mice. JCI Insight, 2018, 3, .	5.0	9
21	Pharmacokinetics and Pharmacodynamics of Inorganic Nitrate in Heart Failure With Preserved Ejection Fraction. Circulation Research, 2017, 120, 1151-1161.	4.5	52
22	Site-Specific Fluorescence Polarization for Studying the Disaggregation of $\alpha$ -Synuclein Fibrils by Small Molecules. Biochemistry, 2017, 56, 683-691.	2.5	24
23	Dopamine induces soluble $\alpha$ -synuclein oligomers and nigrostriatal degeneration. Nature Neuroscience, 2017, 20, 1560-1568.	14.8	181
24	Effect of Heart Failure With Preserved Ejection Fraction on Nitric Oxide Metabolites. American Journal of Cardiology, 2016, 118, 1855-1860.	1.6	15
25	Heart Failure, Left Ventricular Remodeling, and Circulating Nitric Oxide Metabolites. Journal of the American Heart Association, 2016, 5, .	3.7	35
26	Detection of Free and Protein-Bound <i>ortho</i> -Quinones by Near-Infrared Fluorescence. Analytical Chemistry, 2016, 88, 2399-2405.	6.5	26
27	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). Autophagy, 2016, 12, 1-222.	9.1	4,701
28	Dynamic structural flexibility of $\alpha$ -synuclein. Neurobiology of Disease, 2016, 88, 66-74.	4.4	65
29	Gaseous Signaling in the Central Nervous System. , 2016, , 3121-3136.		1
30	The effects of the covalent attachment of 3-(4-hydroxy-3,5-di- <i>tert</i> -butylphenyl) propyl amine to glutaraldehyde pretreated bovine pericardium on structural degeneration, oxidative modification, and calcification of rat subdermal implants. Journal of Biomedical Materials Research - Part A, 2015, 103, 2441-2448.	4.0	13
31	Effect of Inorganic Nitrate on Exercise Capacity in Heart Failure With Preserved Ejection Fraction. Circulation, 2015, 131, 371-380.	1.6	251
32	Regulation of brain glutamate metabolism by nitric oxide and S-nitrosylation. Science Signaling, 2015, 8, ra68.	3.6	108
33	Strategies for Correcting Very Long Chain Acyl-CoA Dehydrogenase Deficiency. Journal of Biological Chemistry, 2015, 290, 10486-10494.	3.4	7
34	Site-Specific Proteomic Mapping Identifies Selectively Modified Regulatory Cysteine Residues in Functionally Distinct Protein Networks. Chemistry and Biology, 2015, 22, 965-975.	6.0	119
35	S-Nitrosylation of Calcium-Handling Proteins in Cardiac Adrenergic Signaling and Hypertrophy. Circulation Research, 2015, 117, 793-803.	4.5	60
36	Even free radicals should follow some rules: A Guide to free radical research terminology and methodology. Free Radical Biology and Medicine, 2015, 78, 233-235.	2.9	241

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37	Gaseous Signaling in the Central Nervous System. , 2015, , 1-16.		1
38	Protein Microarray Characterization of the S-Nitrosoproteome. Molecular and Cellular Proteomics, 2014, 13, 63-72.	3.8	56
39	Enhanced lysis and accelerated establishment of viscoelastic properties of fibrin clots are associated with pulmonary embolism. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2014, 306, L397-L404.	2.9	37
40	Evidence of Native Î±-Synuclein Conformers in the Human Brain. Journal of Biological Chemistry, 2014, 289, 7929-7934.	3.4	66
41	The susceptibility of bioprosthetic heart valve leaflets to oxidation. Biomaterials, 2014, 35, 2097-2102.	11.4	38
42	The 4â€cysteine zincâ€finger motif of the <scp>RNA</scp> polymerase regulator <scp>DksA</scp> serves as a thiol switch for sensing oxidative and nitrosative stress. Molecular Microbiology, 2014, 91, 790-804.	2.5	58
43	Neutralizing Th2 Inflammation in Neonatal Islets Prevents Î²-Cell Failure in Adult IUGR Rats. Diabetes, 2014, 63, 1672-1684.	0.6	25
44	Inorganic Nitrate Supplementation Improves Exercise Capacity in Subjects with HF with Preserved EF - A Pilot Study. Journal of Cardiac Failure, 2014, 20, S4.	1.7	2
45	Site specific identification of endogenous S-nitrosocysteine proteomes. Journal of Proteomics, 2013, 92, 195-203.	2.4	23
46	Functional impact of oxidative posttranslational modifications on fibrinogen and fibrin clots. Free Radical Biology and Medicine, 2013, 65, 411-418.	2.9	83
47	Regulation of Protein Function and Signaling by Reversible Cysteine S-Nitrosylation. Journal of Biological Chemistry, 2013, 288, 26473-26479.	3.4	252
48	Nitric Oxide Regulates Mitochondrial Fatty Acid Metabolism Through Reversible Protein <i>S</i>-Nitrosylation. Science Signaling, 2013, 6, rs1.	3.6	212
49	Mass spectrometry-based identification of S-nitrosocysteine in vivo using organic mercury assisted enrichment. Methods, 2013, 62, 165-170.	3.8	25
50	Immunoglobulins Against Tyrosine-Nitrated Epitopes in Coronary Artery Disease. Circulation, 2012, 126, 2392-2401.	1.6	45
51	Sphingosine-1â€Phosphate Receptorâ€3 Is a Novel Biomarker in Acute Lung Injury. American Journal of Respiratory Cell and Molecular Biology, 2012, 47, 628-636.	2.9	73
52	Functional and structural analysis of the mouse S-nitrosocysteine proteome. Nitric Oxide - Biology and Chemistry, 2012, 27, S2.	2.7	0
53	Parkinson's disease-like neuromuscular defects occur in prenyl diphosphate synthase subunit 2 (Pdss2) mutant mice. Mitochondrion, 2012, 12, 248-257.	3.4	13
54	Strategies and tools to explore protein S-nitrosylation. Biochimica Et Biophysica Acta - General Subjects, 2012, 1820, 684-688.	2.4	31

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55	Proteomic Identification of S-Nitrosylated Golgi Proteins: New Insights into Endothelial Cell Regulation by eNOS-Derived NO. <i>PLoS ONE</i> , 2012, 7, e31564.	2.5	25
56	Nitrated fibrinogen is a biomarker of oxidative stress in venous thromboembolism. <i>Free Radical Biology and Medicine</i> , 2012, 53, 230-236.	2.9	31
57	Regional deficiencies in chaperone-mediated autophagy underlie $\alpha$ -synuclein aggregation and neurodegeneration. <i>Neurobiology of Disease</i> , 2012, 46, 732-744.	4.4	49
58	T2R38 taste receptor polymorphisms underlie susceptibility to upper respiratory infection. <i>Journal of Clinical Investigation</i> , 2012, 122, 4145-4159.	8.2	474
59	Nitric oxide counteracts the hyperoxia-induced proliferation and proinflammatory responses of mouse astrocytes. <i>Free Radical Biology and Medicine</i> , 2011, 51, 474-479.	2.9	6
60	Co-compartmentalization of the Astroglial Glutamate Transporter, GLT-1, with Glycolytic Enzymes and Mitochondria. <i>Journal of Neuroscience</i> , 2011, 31, 18275-18288.	3.6	175
61	Metabolic and Inflammatory Proteins Differently Expressed in Platelets From Deep Venous Thrombosis Patients. <i>Blood</i> , 2011, 118, 5256-5256.	1.4	0
62	Structural profiling of endogenous S-nitrosocysteine residues reveals unique features that accommodate diverse mechanisms for protein S-nitrosylation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 16958-16963.	7.1	236
63	DJ-1 deficient mice demonstrate similar vulnerability to pathogenic Ala53Thr human $\alpha$ -syn toxicity. <i>Human Molecular Genetics</i> , 2010, 19, 1425-1437.	2.9	31
64	Lymphocyte Development Requires <i>S</i> -nitrosoglutathione Reductase. <i>Journal of Immunology</i> , 2010, 185, 6664-6669.	0.8	56
65	Opposing Regulation of Human Alveolar Type II Cell Differentiation by Nitric Oxide and Hyperoxia. <i>Pediatric Research</i> , 2010, 67, 521-525.	2.3	8
66	Distinct Region-Specific $\alpha$ -Synuclein Oligomers in A53T Transgenic Mice: Implications for Neurodegeneration. <i>Journal of Neuroscience</i> , 2010, 30, 3409-3418.	3.6	89
67	Mitochondrial respiratory chain dysfunction variably increases oxidant stress in <i>Caenorhabditis elegans</i> . <i>Mitochondrion</i> , 2010, 10, 125-136.	3.4	91
68	Quantitative Mass Spectrometry-based Proteomics Reveals the Dynamic Range of Primary Mouse Astrocyte Protein Secretion. <i>Journal of Proteome Research</i> , 2010, 9, 2764-2774.	3.7	100
69	Inflammation induces fibrinogen nitration in experimental human endotoxemia. <i>Free Radical Biology and Medicine</i> , 2009, 47, 1140-1146.	2.9	30
70	Mass spectrometric and computational analysis of cytokine-induced alterations in the astrocyte secretome. <i>Proteomics</i> , 2009, 9, 768-782.	2.2	66
71	Oxidative modifications, mitochondrial dysfunction, and impaired protein degradation in Parkinson's disease: how neurons are lost in the Bermuda triangle. <i>Molecular Neurodegeneration</i> , 2009, 4, 24.	10.8	118
72	Protein tyrosine nitration—An update. <i>Archives of Biochemistry and Biophysics</i> , 2009, 484, 117-121.	3.0	187

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73	Fibrinogen $\beta$ -Chain Tyrosine Nitration Is a Prothrombotic Risk Factor. <i>Journal of Biological Chemistry</i> , 2008, 283, 33846-33853.	3.4	81
74	Nitric Oxide Stimulates Proliferation and Differentiation of Fetal Calvarial Osteoblasts and Dural Cells. <i>Plastic and Reconstructive Surgery</i> , 2008, 121, 1554-1566.	1.4	31
75	Nitric Oxide Antagonizes the Acid Tolerance Response that Protects Salmonella against Innate Gastric Defenses. <i>PLoS ONE</i> , 2008, 3, e1833.	2.5	33
76	Dopamine-modified $\alpha$ -synuclein blocks chaperone-mediated autophagy. <i>Journal of Clinical Investigation</i> , 2008, 118, 777-88.	8.2	531
77	DJ-1 gene deletion reveals that DJ-1 is an atypical peroxiredoxin-like peroxidase. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 14807-14812.	7.1	435
78	Identification of Immunoglobulins that Recognize 3-Nitrotyrosine in Patients with Acute Lung Injury after Major Trauma. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2007, 36, 152-157.	2.9	46
79	Increased Protein Nitration Burden in the Atherosclerotic Lesions and Plasma of Apolipoprotein A-I-deficient Mice. <i>Circulation Research</i> , 2007, 101, 368-376.	4.5	55
80	Cellular Oligomerization of $\alpha$ -Synuclein Is Determined by the Interaction of Oxidized Catechols with a C-terminal Sequence. <i>Journal of Biological Chemistry</i> , 2007, 282, 31621-31630.	3.4	84
81	'Multipurpose oxidase' in atherogenesis. <i>Nature Medicine</i> , 2007, 13, 1146-1147.	30.7	16
82	Peroxynitrite: biochemistry, pathophysiology and development of therapeutics. <i>Nature Reviews Drug Discovery</i> , 2007, 6, 662-680.	46.4	1,732
83	Subcellular localization of tyrosine-nitrated proteins is dictated by reactive oxygen species generating enzymes and by proximity to nitric oxide synthase. <i>Free Radical Biology and Medicine</i> , 2006, 40, 1903-1913.	2.9	78
84	Oxidative Stress and Protein Deposition Diseases. , 2006, , 123-133.		4
85	The inflammatory NADPH oxidase enzyme modulates motor neuron degeneration in amyotrophic lateral sclerosis mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 12132-12137.	7.1	228
86	Identification of S-nitrosylation motifs by site-specific mapping of the S-nitrosocysteine proteome in human vascular smooth muscle cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 7420-7425.	7.1	253
87	Cytosolic Catechols Inhibit $\alpha$ -Synuclein Aggregation and Facilitate the Formation of Intracellular Soluble Oligomeric Intermediates. <i>Journal of Neuroscience</i> , 2006, 26, 10068-10078.	3.6	135
88	Mutational analysis of DJ-1 in <i>Drosophila</i> implicates functional inactivation by oxidative damage and aging. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 12517-12522.	7.1	213
89	Metabolism of 3-Nitrotyrosine Induces Apoptotic Death in Dopaminergic Cells. <i>Journal of Neuroscience</i> , 2006, 26, 6124-6130.	3.6	58
90	Intermittent Hydrostatic Compression Promotes Nitric Oxide Production and Osteodifferentiation of Fetal Dural Cells. <i>Annals of Plastic Surgery</i> , 2005, 55, 76-80.	0.9	5

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91	Pathophysiological functions of nitric oxide-mediated protein modifications. <i>Toxicology</i> , 2005, 208, 299-303.	4.2	71
92	Reactive Oxygen and Nitrogen Species: Weapons of Neuronal Destruction in Models of Parkinson's Disease. <i>Antioxidants and Redox Signaling</i> , 2005, 7, 685-693.	5.4	182
93	Pulmonary and Systemic Nitric Oxide Metabolites in a Baboon Model of Neonatal Chronic Lung Disease. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2005, 33, 582-588.	2.9	17
94	Reversible Inhibition of $\alpha$ -Synuclein Fibrillization by Dopaminochrome-mediated Conformational Alterations*. <i>Journal of Biological Chemistry</i> , 2005, 280, 21212-21219.	3.4	248
95	Nitric oxide $\alpha$ nitric oxide synthase regulates key maturational events during chondrocyte terminal differentiation. <i>Bone</i> , 2005, 37, 37-45.	2.9	40
96	Autologous Apoptotic Cell Engulfment Stimulates Chemokine Secretion by Vascular Smooth Muscle Cells. <i>American Journal of Pathology</i> , 2005, 167, 345-353.	3.8	23
97	Protein Modifications by Nitric Oxide and Reactive Nitrogen Species. , 2005, , 23-26.		1
98	Oxygen Tension and Inhaled Nitric Oxide Modulate Pulmonary Levels of S-Nitrosocysteine and 3-Nitrotyrosine in Rats. <i>Pediatric Research</i> , 2004, 56, 345-352.	2.3	15
99	Functional Consequences of $\alpha$ -Synuclein Tyrosine Nitration. <i>Journal of Biological Chemistry</i> , 2004, 279, 47746-47753.	3.4	237
100	Pro-thrombotic State Induced by Post-translational Modification of Fibrinogen by Reactive Nitrogen Species. <i>Journal of Biological Chemistry</i> , 2004, 279, 8820-8826.	3.4	201
101	Biological significance of nitric oxide-mediated protein modifications. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2004, 287, L262-L268.	2.9	309
102	A Newly Identified Role for Superoxide in Inflammatory Pain. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2004, 309, 869-878.	2.5	350
103	Apolipoprotein A-I is a selective target for myeloperoxidase-catalyzed oxidation and functional impairment in subjects with cardiovascular disease. <i>Journal of Clinical Investigation</i> , 2004, 114, 529-541.	8.2	333
104	Nitric Oxide and Reactive Oxygen Species in Parkinson's Disease. <i>IUBMB Life</i> , 2003, 55, 329-335.	3.4	157
105	Plasma 3-NITROTYROSINE and outcome in neonates with severe bronchopulmonary dysplasia after inhaled nitric oxide. <i>Free Radical Biology and Medicine</i> , 2003, 34, 1146-1152.	2.9	21
106	Distinct cleavage patterns of normal and pathologic forms of $\alpha$ -synuclein by calpain I in vitro. <i>Journal of Neurochemistry</i> , 2003, 86, 836-847.	3.9	147
107	Nitration of Tau Protein Is Linked to Neurodegeneration in Tauopathies. <i>American Journal of Pathology</i> , 2003, 163, 1021-1031.	3.8	183
108	Biological selectivity and functional aspects of protein tyrosine nitration. <i>Biochemical and Biophysical Research Communications</i> , 2003, 305, 776-783.	2.1	468

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109	Expression of Inducible Nitric-oxide Synthase and Intracellular Protein Tyrosine Nitration in Vascular Smooth Muscle Cells. <i>Journal of Biological Chemistry</i> , 2003, 278, 22901-22907.	3.4	67
110	Effects of Oxidative and Nitrative Challenges on $\alpha$ -Synuclein Fibrillogenesis Involve Distinct Mechanisms of Protein Modifications. <i>Journal of Biological Chemistry</i> , 2003, 278, 27230-27240.	3.4	164
111	NADPH oxidase mediates oxidative stress in the 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine model of Parkinson's disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 6145-6150.	7.1	572
112	Oxidative stress and nitration in neurodegeneration: Cause, effect, or association?. <i>Journal of Clinical Investigation</i> , 2003, 111, 163-169.	8.2	590
113	Oxidative Modifications of $\alpha$ -Synuclein. <i>Annals of the New York Academy of Sciences</i> , 2003, 991, 93-100.	3.8	75
114	Oxidative stress and nitration in neurodegeneration: Cause, effect, or association?. <i>Journal of Clinical Investigation</i> , 2003, 111, 163-169.	8.2	295
115	A Tale of Two Controversies. <i>Journal of Biological Chemistry</i> , 2002, 277, 17415-17427.	3.4	452
116	Cigarette Smoke Exposure and Hypercholesterolemia Increase Mitochondrial Damage in Cardiovascular Tissues. <i>Circulation</i> , 2002, 105, 849-854.	1.6	210
117	Blockade of Microglial Activation Is Neuroprotective in the 1-Methyl-4-Phenyl-1,2,3,6-Tetrahydropyridine Mouse Model of Parkinson Disease. <i>Journal of Neuroscience</i> , 2002, 22, 1763-1771.	3.6	1,124
118	Vascular Immunotargeting of Glucose Oxidase to the Endothelial Antigens Induces Distinct Forms of Oxidant Acute Lung Injury. <i>American Journal of Pathology</i> , 2002, 160, 1155-1169.	3.8	55
119	Basal and Stimulated Protein S-Nitrosylation in Multiple Cell Types and Tissues. <i>Journal of Biological Chemistry</i> , 2002, 277, 9637-9640.	3.4	269
120	The relationship between oxidative/nitrative stress and pathological inclusions in Alzheimer's and Parkinson's diseases <sup>1,2</sup> 11Guest Editors: Mark A. Smith and George Perry 22This article is part of a series of reviews on "Causes and Consequences of Oxidative Stress in Alzheimer's Disease." The full list of papers may be found on the homepage of the journal.. <i>Free Radical Biology and Medicine</i> , 2002, 32, 1264-1275.	2.9	252
121	Tyrosine nitration: Localisation, quantification, consequences for protein function and signal transduction. <i>Free Radical Research</i> , 2001, 34, 541-581.	3.3	473
122	Nitration and Inactivation of Tyrosine Hydroxylase by Peroxynitrite. <i>Journal of Biological Chemistry</i> , 2001, 276, 46017-46023.	3.4	156
123	Induction of $\alpha$ -Synuclein Aggregation by Intracellular Nitrative Insult. <i>Journal of Neuroscience</i> , 2001, 21, 8053-8061.	3.6	412
124	Reactive species and signal transduction. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2001, 280, L583-L584.	2.9	2
125	Oxidative post-translational modifications of $\alpha$ -synuclein in the 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine (MPTP) mouse model of Parkinson's disease. <i>Journal of Neurochemistry</i> , 2001, 76, 637-640.	3.9	184
126	Nitric oxide chemistry and cellular signaling. <i>Journal of Cellular Physiology</i> , 2001, 187, 277-282.	4.1	140



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127	SIN-1-induced DNA damage in isolated human peripheral blood lymphocytes as assessed by single cell gel electrophoresis (comet assay). <i>Free Radical Biology and Medicine</i> , 2001, 30, 679-685.	2.9	48
128	Reactive Nitrogen Species and Proteins: Biological Significance and Clinical Relevance. <i>Advances in Experimental Medicine and Biology</i> , 2001, 500, 169-174.	1.6	11
129	Detection of Peroxynitrite in Biological Fluids. , 2000, 36, 171-178.		0
130	Plasma proteins modified by tyrosine nitration in acute respiratory distress syndrome. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2000, 278, L961-L967.	2.9	126
131	Two distinct mechanisms of nitric oxide-mediated neuronal cell death show thiol dependency. <i>American Journal of Physiology - Cell Physiology</i> , 2000, 278, C1099-C1107.	4.6	32
132	A Comparison of the Biological Reactivity of Nitric Oxide and Peroxynitrite. , 2000, , 83-89.		4
133	Dityrosine Cross-linking Promotes Formation of Stable $\alpha$ -Synuclein Polymers. <i>Journal of Biological Chemistry</i> , 2000, 275, 18344-18349.	3.4	516
134	Antimicrobial Actions of the NADPH Phagocyte Oxidase and Inducible Nitric Oxide Synthase in Experimental Salmonellosis. I. Effects on Microbial Killing by Activated Peritoneal Macrophages in Vitro. <i>Journal of Experimental Medicine</i> , 2000, 192, 227-236.	8.5	488
135	Cooperation between Reactive Oxygen and Nitrogen Intermediates in Killing of <i>Rhodococcus equi</i> by Activated Macrophages. <i>Infection and Immunity</i> , 2000, 68, 3587-3593.	2.2	125
136	Proteolytic Degradation of Tyrosine Nitrated Proteins. <i>Archives of Biochemistry and Biophysics</i> , 2000, 380, 360-366.	3.0	237
137	Widespread Nitration of Pathological Inclusions in Neurodegenerative Synucleinopathies. <i>American Journal of Pathology</i> , 2000, 157, 1439-1445.	3.8	256
138	Chaperone-like activity of synucleins. <i>FEBS Letters</i> , 2000, 474, 116-119.	2.8	196
139	Oxidative Damage Linked to Neurodegeneration by Selective $\alpha$ -Synuclein Nitration in Synucleinopathy Lesions. <i>Science</i> , 2000, 290, 985-989.	12.6	1,498
140	Cytochrome c Nitration by Peroxynitrite. <i>Journal of Biological Chemistry</i> , 2000, 275, 21409-21415.	3.4	321
141	Immunohistochemical Localization of Protein 3-Nitrotyrosine and S-nitrosocysteine in a Murine Model of Inhaled Nitric Oxide Therapy. <i>Pediatric Research</i> , 2000, 47, 798-805.	2.3	36
142	Pulmonary Vascular Stress from Carbon Monoxide. <i>Toxicology and Applied Pharmacology</i> , 1999, 154, 12-19.	2.8	37
143	Factors Determining the Selectivity of Protein Tyrosine Nitration. <i>Archives of Biochemistry and Biophysics</i> , 1999, 371, 169-178.	3.0	306
144	Oxidant-mediated lung injury in the acute respiratory distress syndrome. <i>Critical Care Medicine</i> , 1999, 27, 2028-2030.	0.9	61

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145	Biological Tyrosine Nitration: A Pathophysiological Function of Nitric Oxide and Reactive Oxygen Species. Archives of Biochemistry and Biophysics, 1998, 356, 1-11.	3.0	961
146	Nitric oxide and peroxynitrite-mediated pulmonary cell death. American Journal of Physiology - Lung Cellular and Molecular Physiology, 1998, 274, L112-L118.	2.9	34
147	Living and dying with reactive species Focus on "Peroxynitrite induces apoptosis of HL-60 cells by activation of a caspase-3 family protease". American Journal of Physiology - Cell Physiology, 1998, 274, C853-C854.	4.6	28
148	In Vivo Formation of Electron Paramagnetic Resonance-Detectable Nitric Oxide and of Nitrotyrosine Is Not Impaired during Murine Leishmaniasis. Infection and Immunity, 1998, 66, 807-814.	2.2	51
149	Vascular Endothelial Cells Generate Peroxynitrite in Response to Carbon Monoxide Exposure. Chemical Research in Toxicology, 1997, 10, 1023-1031.	3.3	160
150	A Novel Reaction Mechanism for the Formation of S-Nitrosothiol in Vivo. Journal of Biological Chemistry, 1997, 272, 2841-2845.	3.4	273
151	Release of glutathione from erythrocytes and other markers of oxidative stress in carbon monoxide poisoning. Journal of Applied Physiology, 1997, 82, 1424-1432.	2.5	51
152	Electrochemical Detection of Nitric Oxide in Biological Systems. Microchemical Journal, 1997, 56, 146-154.	4.5	9
153	Effects of peroxynitrite-induced protein modifications on tyrosine phosphorylation and degradation. FEBS Letters, 1996, 385, 63-66.	2.8	409
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