Bruce A Freeman

List of Publications by Year in Descending Order

143 papers	16,202 citations	63 h-index	127 g-index
148 ext. papers	17,255 ext. citations	7.8 avg, IF	6.15 L-index

#	Paper	IF	Citations
143	Lipid nitroalkene nanoparticles for the focal treatment of ischemia reperfusion.. *Nanotheranostics*, **2022**, 6, 215-229	5.6	0
142	Fatty acid nitroalkene reversal of established lung fibrosis.. *Redox Biology*, **2021**, 50, 102226	11.3	1
141	Suppression of Vascular Macrophage Activation by Nitro-Oleic Acid and its Implication for Abdominal Aortic Aneurysm Therapy. *Cardiovascular Drugs and Therapy*, **2021**, 35, 939-951	3.9	4
140	Endogenous generation of nitro-fatty acid hybrids having dual nitrate ester (RONO) and nitroalkene (RNO) substituents. *Redox Biology*, **2021**, 41, 101913	11.3	3
139	TRP Channel Agonists Activate Different Afferent Neuromodulatory Mechanisms in Guinea Pig Urinary Bladder. *Frontiers in Physiology*, **2021**, 12, 692719	4.6	1
138	Electrophilic characteristics and aqueous behavior of fatty acid nitroalkenes. *Redox Biology*, **2021**, 38, 101756	11.3	8
137	Electrophilic nitro-fatty acids suppress psoriasiform dermatitis: STAT3 inhibition as a contributory mechanism. *Redox Biology*, **2021**, 43, 101987	11.3	5
136	Nitro-oleic acid (NO2-OA) reduces thoracic aortic aneurysm progression in a mouse model of Marfan syndrome. *Cardiovascular Research*, **2021**,	9.9	3
135	Nitro-Oleic Acid (NO-OA) Improves Systolic Function in Dilated Cardiomyopathy by Attenuating Myocardial Fibrosis. *International Journal of Molecular Sciences*, **2021**, 22,	6.3	2
134	Synthesis of 9- and 12-nitro conjugated linoleic acid: Regiospecific isomers of naturally occurring conjugated nitrodienes. *Tetrahedron Letters*, **2021**, 81, 153371	2	1
133	Nitroalkene fatty acids modulate bile acid metabolism and lung function in obese asthma. *Scientific Reports*, **2021**, 11, 17788	4.9	4
132	Nitro-oleic acid, a ligand of CD36, reduces cholesterol accumulation by modulating oxidized-LDL uptake and cholesterol efflux in RAW264.7 macrophages. *Redox Biology*, **2020**, 36, 101591	11.3	15
131	Fatty acid nitroalkenes inhibit the inflammatory response to bleomycin-mediated lung injury. *Toxicology and Applied Pharmacology*, **2020**, 407, 115236	4.6	3
130	Nitro-fatty acids suppress ischemic ventricular arrhythmias by preserving calcium homeostasis. *Scientific Reports*, **2020**, 10, 15319	4.9	5
129	Electrophilic fatty acid nitroalkenes are systemically transported and distributed upon esterification to complex lipids. *Journal of Lipid Research*, **2019**, 60, 388-399	6.3	19
128	Redox properties and human serum albumin binding of nitro-oleic acid. *Redox Biology*, **2019**, 24, 101213	11.3	7
127	Novel gene regulatory networks identified in response to nitro-conjugated linoleic acid in human endothelial cells. *Physiological Genomics*, **2019**, 51, 224-233	3.6	9

126	Electrophilic nitro-oleic acid reverses obesity-induced hepatic steatosis. *Redox Biology*, **2019**, 22, 101132	11.3	16
125	Electrophilic fatty acids impair RAD51 function and potentiate the effects of DNA-damaging agents on growth of triple-negative breast cells. *Journal of Biological Chemistry*, **2019**, 294, 397-404	5.4	6
124	Electrophiles modulate glutathione reductase activity via alkylation and upregulation of glutathione biosynthesis. *Redox Biology*, **2019**, 21, 101050	11.3	19
123	In situ generation, metabolism and immunomodulatory signaling actions of nitro-conjugated linoleic acid in a murine model of inflammation. *Redox Biology*, **2018**, 15, 522-531	11.3	41
122	Electrophilic fatty acid nitroalkenes regulate Nrf2 and NF-B signaling:A medicinal chemistry investigation of structure-function relationships. *Scientific Reports*, **2018**, 8, 2295	4.9	32
121	Transcriptomic sequencing reveals diverse adaptive gene expression responses of human vascular smooth muscle cells to nitro-conjugated linoleic acid. *Physiological Genomics*, **2018**, 50, 287-295	3.6	5
120	The discovery of nitro-fatty acids as products of metabolic and inflammatory reactions and mediators of adaptive cell signaling. *Nitric Oxide - Biology and Chemistry*, **2018**, 77, 106-111	5	24
119	Synthesis of an Electrophilic Keto-Tetraene 15-oxo-Lipoxin A Methyl Ester a MIDA Boronate. *Tetrahedron Letters*, **2018**, 59, 3524-3527	2	2
118	Electrophilic nitroalkene-tocopherol derivatives: synthesis, physicochemical characterization and evaluation of anti-inflammatory signaling responses. *Scientific Reports*, **2018**, 8, 12784	4.9	11
117	Nitro-Oleic Acid (NO-OA) Release Enhances Regional Angiogenesis in a Rat Abdominal Wall Defect Model. *Tissue Engineering - Part A*, **2018**, 24, 889-904	3.9	11
116	Nitro-fatty acid inhibition of triple-negative breast cancer cell viability, migration, invasion, and tumor growth. *Journal of Biological Chemistry*, **2018**, 293, 1120-1137	5.4	39
115	Topical electrophilic nitro-fatty acids potentiate cutaneous inflammation. *Free Radical Biology and Medicine*, **2018**, 115, 31-42	7.8	9
114	Nitro-fatty acids: New drug candidates for chronic inflammatory and fibrotic diseases. *Nitric Oxide - Biology and Chemistry*, **2018**, 79, 31-37	5	49
113	Nitro-oleic acid regulates growth factor-induced differentiation of bone marrow-derived macrophages. *Free Radical Biology and Medicine*, **2017**, 104, 10-19	7.8	12
112	Nitro-fatty acid pharmacokinetics in the adipose tissue compartment. *Journal of Lipid Research*, **2017**, 58, 375-385	6.3	30
111	Enterosalivary nitrate metabolism and the microbiome: Intersection of microbial metabolism, nitric oxide and diet in cardiac and pulmonary vascular health. *Free Radical Biology and Medicine*, **2017**, 105, 48-67	7.8	83
110	Conjugated Linoleic Acid Modulates Clinical Responses to Oral Nitrite and Nitrate. *Hypertension*, **2017**, 70, 634-644	8.5	16
109	Electrophilic Nitro-Fatty Acids: Nitric Oxide and Nitrite-Derived Metabolic and Inflammatory Signaling Mediators **2017**, 213-229		3

108	Nitro-Oleic Acid Prevents Hypoxia- and Asymmetric Dimethylarginine-Induced Pulmonary Endothelial Dysfunction. *Cardiovascular Drugs and Therapy*, **2016**, 30, 579-586	3.9	10
107	Nitro-oleic acid inhibits vascular endothelial inflammatory responses and the endothelial-mesenchymal transition. *Biochimica Et Biophysica Acta - General Subjects*, **2016**, 1860, 2428-2437	4	21
106	Novel Roles for Peroxynitrite in Angiotensin II and CaMKII Signaling. *Scientific Reports*, **2016**, 6, 23416	4.9	3
105	Nitro-oleic acid modulates classical and regulatory activation of macrophages and their involvement in pro-fibrotic responses. *Free Radical Biology and Medicine*, **2016**, 90, 252-260	7.8	38
104	Electrophilic nitro-fatty acids prevent astrocyte-mediated toxicity to motor neurons in a cell model of familial amyotrophic lateral sclerosis via nuclear factor erythroid 2-related factor activation. *Free Radical Biology and Medicine*, **2016**, 95, 112-20	7.8	16
103	Nitrated fatty acids suppress angiotensin II-mediated fibrotic remodelling and atrial fibrillation. *Cardiovascular Research*, **2016**, 109, 174-84	9.9	29
102	Nitro-fatty acids in cardiovascular regulation and diseases: characteristics and molecular mechanisms. *Frontiers in Bioscience - Landmark*, **2016**, 21, 873-89	2.8	35
101	Generation and esterification of electrophilic fatty acid nitroalkenes in triacylglycerides. *Free Radical Biology and Medicine*, **2015**, 87, 113-24	7.8	25
100	15-Oxoeicosatetraenoic acid is a 15-hydroxyprostaglandin dehydrogenase-derived electrophilic mediator of inflammatory signaling pathways. *Chemico-Biological Interactions*, **2015**, 234, 144-53	5	23
99	Nitrite and nitrate-dependent generation of anti-inflammatory fatty acid nitroalkenes. *Free Radical Biology and Medicine*, **2015**, 89, 333-41	7.8	64
98	Convergence of biological nitration and nitrosation via symmetrical nitrous anhydride. *Nature Chemical Biology*, **2015**, 11, 504-10	11.7	51
97	15-Hydroxyprostaglandin dehydrogenase generation of electrophilic lipid signaling mediators from hydroxy B fatty acids. *Journal of Biological Chemistry*, **2015**, 290, 5868-80	5.4	21
96	IL-27 and type 2 immunity in asthmatic patients: association with severity, CXCL9, and signal transducer and activator of transcription signaling. *Journal of Allergy and Clinical Immunology*, **2015**, 135, 386-94	11.5	33
95	Electrophilic Nitroalkenes Cause Degradation of NFB RelA Protein in Triple Negative Breast Cancer Cells. *FASEB Journal*, **2015**, 29, 945.8	0.9	
94	Electrophilic Nitro-Fatty Acids Exert Cardioprotection against Hypertrophic Remodeling and Fibrosis in Pressure Overloaded Mice. *FASEB Journal*, **2015**, 29, 640.6	0.9	
93	Fatty acid nitroalkenes ameliorate glucose intolerance and pulmonary hypertension in high-fat diet-induced obesity. *Cardiovascular Research*, **2014**, 101, 352-63	9.9	63
92	Redox-dependent anti-inflammatory signaling actions of unsaturated fatty acids. *Annual Review of Physiology*, **2014**, 76, 79-105	23.1	79
91	Protection from hypertension in mice by the Mediterranean diet is mediated by nitro fatty acid inhibition of soluble epoxide hydrolase. *Proceedings of the National Academy of Sciences of the United States of America*, **2014**, 111, 8167-72	11.5	68

90	Electrophilic fatty acid species inhibit 5-lipoxygenase and attenuate sepsis-induced pulmonary inflammation. *Antioxidants and Redox Signaling*, **2014**, 20, 2667-80	8.4	37
89	Biomimetic nitration of conjugated linoleic acid: formation and characterization of naturally occurring conjugated nitrodienes. *Journal of Organic Chemistry*, **2014**, 79, 25-33	4.2	16
88	Protective effects of 10-nitro-oleic acid in a hypoxia-induced murine model of pulmonary hypertension. *American Journal of Respiratory Cell and Molecular Biology*, **2014**, 51, 155-62	5.7	45
87	Activation of TRPC channels contributes to OA-NO2-induced responses in guinea-pig dorsal root ganglion neurons. *Journal of Physiology*, **2014**, 592, 4297-312	3.9	6
86	Nitro-oleic acid desensitizes TRPA1 and TRPV1 agonist responses in adult rat DRG neurons. *Experimental Neurology*, **2014**, 251, 12-21	5.7	22
85	Olives and olive oil are sources of electrophilic fatty acid nitroalkenes. *PLoS ONE*, **2014**, 9, e84884	3.7	79
84	Nitro-oleic acid and epoxyoleic acid are not altered in obesity and type 2 diabetes: reply. *Cardiovascular Research*, **2014**, 102, 518	9.9	1
83	Generation and dietary modulation of anti-inflammatory electrophilic omega-3 fatty acid derivatives. *PLoS ONE*, **2014**, 9, e94836	3.7	41
82	Inhibition of Mycobacterium tuberculosis PknG by non-catalytic rubredoxin domain specific modification: reaction of an electrophilic nitro-fatty acid with the Fe-S center. *Free Radical Biology and Medicine*, **2013**, 65, 150-161	7.8	24
81	Electrophilic nitro-fatty acids inhibit vascular inflammation by disrupting LPS-dependent TLR4 signalling in lipid rafts. *Cardiovascular Research*, **2013**, 98, 116-24	9.9	87
80	Modulation of nitro-fatty acid signaling: prostaglandin reductase-1 is a nitroalkene reductase. *Journal of Biological Chemistry*, **2013**, 288, 25626-25637	5.4	46
79	Characterization and quantification of endogenous fatty acid nitroalkene metabolites in human urine. *Journal of Lipid Research*, **2013**, 54, 1998-2009	6.3	58
78	Electrophilic nitro-fatty acids inhibit vascular inflammation. *FASEB Journal*, **2013**, 27, 920.10	0.9	
77	Hydrogen sulfide anion regulates redox signaling via electrophile sulfhydration. *Nature Chemical Biology*, **2012**, 8, 714-24	11.7	220
76	Conjugated linoleic acid is a preferential substrate for fatty acid nitration. *Journal of Biological Chemistry*, **2012**, 287, 44071-82	5.4	106
75	Formation and signaling actions of electrophilic lipids. *Chemical Reviews*, **2011**, 111, 5997-6021	68.1	228
74	Disruption of PPARβ/δ-catenin-mediated regulation of apelin impairs BMP-induced mouse and human pulmonary arterial EC survival. *Journal of Clinical Investigation*, **2011**, 121, 3735-46	15.9	186
73	Nitro-fatty acids and cyclopentenone prostaglandins share strategies to activate the Keap1-Nrf2 system: a study using green fluorescent protein transgenic zebrafish. *Genes To Cells*, **2011**, 16, 46-57	2.3	60

72	Oxidases and peroxidases in cardiovascular and lung disease: new concepts in reactive oxygen species signaling. *Free Radical Biology and Medicine*, **2011**, 51, 1271-88	7.8	193
71	Gas-phase fragmentation analysis of nitro-fatty acids. *Journal of the American Society for Mass Spectrometry*, **2011**, 22, 1534-51	3.5	15
70	New insights into the role of fatty acids in the pathogenesis and resolution of inflammatory bowel disease. *Inflammatory Bowel Diseases*, **2011**, 17, 2192-204	4.5	49
69	Electrophilic fatty acids regulate matrix metalloproteinase activity and expression. *Journal of Biological Chemistry*, **2011**, 286, 16074-81	5.4	42
68	Electrophilic nitro-fatty acids activate NRF2 by a KEAP1 cysteine 151-independent mechanism. *Journal of Biological Chemistry*, **2011**, 286, 14019-27	5.4	157
67	Cyclooxygenase-2 generates anti-inflammatory mediators from omega-3 fatty acids. *Nature Chemical Biology*, **2010**, 6, 433-41	11.7	219
66	Redox signaling in inflammation: interactions of endogenous electrophiles and mitochondria in cardiovascular disease. *Annals of the New York Academy of Sciences*, **2010**, 1203, 45-52	6.5	63
65	Fatty Acid Transduction of Nitric Oxide Signaling **2010**, 391-414		
64	Covalent peroxisome proliferator-activated receptor gamma adduction by nitro-fatty acids: selective ligand activity and anti-diabetic signaling actions. *Journal of Biological Chemistry*, **2010**, 285, 12321-33	5.4	141
63	Nitro-oleic acid inhibits angiotensin II-induced hypertension. *Circulation Research*, **2010**, 107, 540-8	15.7	96
62	Endogenous generation and protective effects of nitro-fatty acids in a murine model of focal cardiac ischaemia and reperfusion. *Cardiovascular Research*, **2010**, 85, 155-66	9.9	150
61	Nitro-fatty acids reduce atherosclerosis in apolipoprotein E-deficient mice. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2010**, 30, 938-45	9.4	84
60	Electrophilic nitro-fatty acids: anti-inflammatory mediators in the vascular compartment. *Current Opinion in Pharmacology*, **2010**, 10, 179-84	5.1	52
59	Activation of vascular endothelial nitric oxide synthase and heme oxygenase-1 expression by electrophilic nitro-fatty acids. *Free Radical Biology and Medicine*, **2010**, 48, 230-9	7.8	58
58	Nitrated oleic acid up-regulates PPARgamma and attenuates experimental inflammatory bowel disease. *Free Radical Biology and Medicine*, **2010**, 48, 499-505	7.8	65
57	Signaling actions of electrophiles: anti-inflammatory therapeutic candidates. *Molecular Interventions: Pharmacological Perspectives From Biology, Chemistry and Genomics*, **2010**, 10, 39-50		54
56	Cardiovascular consequences when nitric oxide and lipid signaling converge. *Circulation Research*, **2009**, 105, 511-22	15.7	38
55	Nitro-fatty acid metabolome: saturation, desaturation, beta-oxidation, and protein adduction. *Journal of Biological Chemistry*, **2009**, 284, 1461-73	5.4	100

54	Nrf2-dependent and -independent responses to nitro-fatty acids in human endothelial cells: identification of heat shock response as the major pathway activated by nitro-oleic acid. *Journal of Biological Chemistry*, **2009**, 284, 33233-41	5.4	130
53	Nitro-fatty acid inhibition of neointima formation after endoluminal vessel injury. *Circulation Research*, **2009**, 105, 965-72	15.7	61
52	Mitochondrial nitroalkene formation and mild uncoupling in ischaemic preconditioning: implications for cardioprotection. *Cardiovascular Research*, **2009**, 82, 333-40	9.9	103
51	Transduction of redox signaling by electrophile-protein reactions. *Science Signaling*, **2009**, 2, re7	8.8	164
50	Convergence of nitric oxide and lipid signaling: anti-inflammatory nitro-fatty acids. *Free Radical Biology and Medicine*, **2009**, 46, 989-1003	7.8	94
49	Fatty acid transduction of nitric oxide signaling: nitrolinoleic acid mediates protective effects through regulation of the ERK pathway. *Free Radical Biology and Medicine*, **2009**, 46, 866-75	7.8	24
48	Macrophage activation induces formation of the anti-inflammatory lipid cholesteryl-nitrolinoleate. *Biochemical Journal*, **2009**, 417, 223-34	3.8	73
47	PPARgamma and its ligands: therapeutic implications in cardiovascular disease. *Clinical Science*, **2009**, 116, 205-18	6.5	99
46	Human haem oxygenase-1 induction by nitro-linoleic acid is mediated by cAMP, AP-1 and E-box response element interactions. *Biochemical Journal*, **2009**, 422, 353-61	3.8	55
45	Molecular recognition of nitrated fatty acids by PPAR gamma. *Nature Structural and Molecular Biology*, **2008**, 15, 865-7	17.6	147
44	Nitro-oleic acid, a novel and irreversible inhibitor of xanthine oxidoreductase. *Journal of Biological Chemistry*, **2008**, 283, 36176-84	5.4	67
43	Nitro-fatty acid formation and signaling. *Journal of Biological Chemistry*, **2008**, 283, 15515-9	5.4	212
42	Nitroalkenes suppress lipopolysaccharide-induced signal transducer and activator of transcription signaling in macrophages: a critical role of mitogen-activated protein kinase phosphatase 1. *Endocrinology*, **2008**, 149, 4086-94	4.8	55
41	Nitro-linoleic acid inhibits vascular smooth muscle cell proliferation via the Keap1/Nrf2 signaling pathway. *American Journal of Physiology - Heart and Circulatory Physiology*, **2007**, 293, H770-6	5.2	115
40	Nitro-fatty acid reaction with glutathione and cysteine. Kinetic analysis of thiol alkylation by a Michael addition reaction. *Journal of Biological Chemistry*, **2007**, 282, 31085-93	5.4	152
39	Protein Targets and Functional Consequences of Tyrosine Nitration in Vascular Disease **2006**, 729-786		1
38	Fatty acid transduction of nitric oxide signaling: nitrolinoleic acid potently activates endothelial heme oxygenase 1 expression. *Proceedings of the National Academy of Sciences of the United States of America*, **2006**, 103, 4299-304	11.5	108
37	Reversible post-translational modification of proteins by nitrated fatty acids in vivo. *Journal of Biological Chemistry*, **2006**, 281, 20450-63	5.4	217

36	Nitrated fatty acids: Endogenous anti-inflammatory signaling mediators. *Journal of Biological Chemistry*, **2006**, 281, 35686-98	5.4	275
35	Fatty acid transduction of nitric oxide signaling. Nitrolinoleic acid is a hydrophobically stabilized nitric oxide donor. *Journal of Biological Chemistry*, **2005**, 280, 19289-97	5.4	145
34	Nitrolinoleic acid: an endogenous peroxisome proliferator-activated receptor gamma ligand. *Proceedings of the National Academy of Sciences of the United States of America*, **2005**, 102, 2340-5	11.5	363
33	Fatty acid transduction of nitric oxide signaling: multiple nitrated unsaturated fatty acid derivatives exist in human blood and urine and serve as endogenous peroxisome proliferator-activated receptor ligands. *Journal of Biological Chemistry*, **2005**, 280, 42464-75	5.4	289
32	Red cell membrane and plasma linoleic acid nitration products: synthesis, clinical identification, and quantitation. *Proceedings of the National Academy of Sciences of the United States of America*, **2004**, 101, 11577-82	11.5	180
31	Cytochrome c: a catalyst and target of nitrite-hydrogen peroxide-dependent protein nitration. *Archives of Biochemistry and Biophysics*, **2004**, 421, 99-107	4.1	76
30	NO-dependent protein nitration: a cell signaling event or an oxidative inflammatory response?. *Trends in Biochemical Sciences*, **2003**, 28, 646-54	10.3	315
29	Spatial mapping of pulmonary and vascular nitrotyrosine reveals the pivotal role of myeloperoxidase as a catalyst for tyrosine nitration in inflammatory diseases. *Free Radical Biology and Medicine*, **2002**, 33, 1010	7.8	134
28	Nitrolinoleate inhibits superoxide generation, degranulation, and integrin expression by human neutrophils: novel antiinflammatory properties of nitric oxide-derived reactive species in vascular cells. *Circulation Research*, **2002**, 91, 375-81	15.7	146
27	Nitrolinoleate inhibits platelet activation by attenuating calcium mobilization and inducing phosphorylation of vasodilator-stimulated phosphoprotein through elevation of cAMP. *Journal of Biological Chemistry*, **2002**, 277, 5832-40	5.4	84
26	Diffusion of nitric oxide into low density lipoprotein. *Journal of Biological Chemistry*, **2002**, 277, 932-6	5.4	63
25	Nitrolinoleate, a nitric oxide-derived mediator of cell function: synthesis, characterization, and vasomotor activity. *Proceedings of the National Academy of Sciences of the United States of America*, **2002**, 99, 15941-6	11.5	104
24	Myeloperoxidase, a leukocyte-derived vascular NO oxidase. *Science*, **2002**, 296, 2391-4	33.3	565
23	Reactive oxygen species in human health and disease. *Nutrition*, **2001**, 17, 161, 163-5	4.8	184
22	Interactions between nitric oxide and lipid oxidation pathways: implications for vascular disease. *Circulation Research*, **2001**, 88, 12-21	15.7	236
21	Endothelial transcytosis of myeloperoxidase confers specificity to vascular ECM proteins as targets of tyrosine nitration. *Journal of Clinical Investigation*, **2001**, 108, 1759-1770	15.9	247
20	Reactive species in sickle cell disease. *Annals of the New York Academy of Sciences*, **2000**, 899, 375-91	6.5	91
19	Nitric oxide regulation of free radical- and enzyme-mediated lipid and lipoprotein oxidation. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2000**, 20, 1707-15	9.4	96

18	Catalytic consumption of nitric oxide by prostaglandin H synthase-1 regulates platelet function. *Journal of Biological Chemistry*, **2000**, 275, 38239-44	5.4	60
17	Nitric oxide reaction with lipid peroxyl radicals spares alpha-tocopherol during lipid peroxidation. Greater oxidant protection from the pair nitric oxide/alpha-tocopherol than alpha-tocopherol/ascorbate. *Journal of Biological Chemistry*, **2000**, 275, 10812-8	5.4	137
16	Nitration of unsaturated fatty acids by nitric oxide-derived reactive species. *Methods in Enzymology*, **1999**, 301, 454-70	1.7	62
15	15-Lipoxygenase catalytically consumes nitric oxide and impairs activation of guanylate cyclase. *Journal of Biological Chemistry*, **1999**, 274, 20083-91	5.4	73
14	Peroxynitrite reactions with carbon dioxide-bicarbonate. *Methods in Enzymology*, **1999**, 301, 353-67	1.7	81
13	Nitration of unsaturated fatty acids by nitric oxide-derived reactive nitrogen species peroxynitrite, nitrous acid, nitrogen dioxide, and nitronium ion. *Chemical Research in Toxicology*, **1999**, 12, 83-92	4	238
12	Formation of nitric oxide-derived inflammatory oxidants by myeloperoxidase in neutrophils. *Nature* , **1998**, 391, 393-7	50.4	1329
11	Insulin-like growth factor binding proteins in air- and 85% oxygen-exposed adult rat lung. *American Journal of Physiology - Lung Cellular and Molecular Physiology*, **1998**, 274, L647-56	5.8	4
10	Nitric oxide inhibition of lipid peroxidation: kinetics of reaction with lipid peroxyl radicals and comparison with alpha-tocopherol. *Biochemistry*, **1997**, 36, 15216-23	3.2	223
9	Role of superoxide in angiotensin II-induced but not catecholamine-induced hypertension. *Circulation*, **1997**, 95, 588-93	16.7	533
8	Peroxynitrite reaction with carbon dioxide/bicarbonate: kinetics and influence on peroxynitrite-mediated oxidations. *Archives of Biochemistry and Biophysics*, **1996**, 333, 49-58	4.1	507
7	Nitric oxide regulation of tissue free radical injury. *Chemical Research in Toxicology*, **1996**, 9, 809-20	4	244
6	Nitric oxide regulation of superoxide-dependent lung injury: oxidant-protective actions of endogenously produced and exogenously administered nitric oxide. *Free Radical Biology and Medicine*, **1996**, 21, 43-52	7.8	109
5	Nitric oxide and reactive oxygen species in vascular injury. *Biochemical Society Symposia*, **1995**, 61, 33-45		32
4	Nitric oxide inhibition of lipoxygenase-dependent liposome and low-density lipoprotein oxidation: termination of radical chain propagation reactions and formation of nitrogen-containing oxidized lipid derivatives. *Archives of Biochemistry and Biophysics*, **1995**, 324, 15-25	4.1	228
3	Peroxynitrite-induced membrane lipid peroxidation: the cytotoxic potential of superoxide and nitric oxide. *Archives of Biochemistry and Biophysics*, **1991**, 288, 481-7	4.1	1946
2	Elastin repeat peptides as chemoattractants for bovine aortic endothelial cells. *Journal of Cellular Physiology*, **1989**, 140, 512-8	7	57
1	Pulmonary metabolism of reactive oxygen species. *Experimental Lung Research*, **1988**, 14 Suppl, 959-76	2.3	16