

# Andrew J Gow

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

170  
papers

9,219  
citations

45  
h-index

93  
g-index

218  
ext. papers

9,909  
ext. citations

7.1  
avg, IF

5.69  
L-index

#	Paper	IF	Citations
170	Cell Origin and iNOS Function Are Critical to Macrophage Activation Following Acute Lung Injury.. <i>Frontiers in Pharmacology</i> , <b>2021</b> , 12, 761496	5.6	1
169	Myeloid cell dynamics in bleomycin-induced pulmonary injury in mice; effects of anti-TNF $\alpha$ antibody. <i>Toxicology and Applied Pharmacology</i> , <b>2021</b> , 417, 115470	4.6	2
168	When and How Can We Stop Using Animals in Toxicology?. <i>Applied in Vitro Toxicology</i> , <b>2021</b> , 7, 37-38	1.3	
167	Biological Mechanisms of -Nitrosothiol Formation and Degradation: How Is Specificity of -Nitrosylation Achieved?. <i>Antioxidants</i> , <b>2021</b> , 10,	7.1	5
166	Macrophage activation in the lung during the progression of nitrogen mustard induced injury is associated with histone modifications and altered miRNA expression. <i>Toxicology and Applied Pharmacology</i> , <b>2021</b> , 423, 115569	4.6	2
165	Effects of fatty acid nitroalkanes on signal transduction pathways and airway macrophage activation. <i>Innate Immunity</i> , <b>2021</b> , 27, 353-364	2.7	1
164	Comprehensive dataset to assess morphological changes subsequent to bleomycin exposure. <i>Data in Brief</i> , <b>2021</b> , 37, 107270	1.2	
163	Multiple Approaches to Understanding the Toxic Dose. <i>Applied in Vitro Toxicology</i> , <b>2021</b> , 7, 158-158	1.3	
162	What Do We Mean by Applied In Vitro Toxicology?. <i>Applied in Vitro Toxicology</i> , <b>2020</b> , 6, 45-46	1.3	
161	Precision Cut Lung Slices as a Model for 3R Application in Toxicology. <i>Applied in Vitro Toxicology</i> , <b>2020</b> , 6, 47-48	1.3	2
160	PPAR $\delta$ Regulates the Inflammatory Response to Ozone-Induced Lung Injury in Mice. <i>FASEB Journal</i> , <b>2020</b> , 34, 1-1	0.9	
159	Nitro-Oleic Fatty Acids Reduce Cellular Metabolism in Activated Macrophages Leading to Reduced Inflammatory Potential. <i>FASEB Journal</i> , <b>2020</b> , 34, 1-1	0.9	
158	Nitrated Fatty Acids Reduce Inflammatory Cell Recruitment in Bleomycin-Induced Lung Injury. <i>FASEB Journal</i> , <b>2020</b> , 34, 1-1	0.9	
157	Lung injury, oxidative stress and fibrosis in mice following exposure to nitrogen mustard. <i>Toxicology and Applied Pharmacology</i> , <b>2020</b> , 387, 114798	4.6	15
156	Regulation of Lung Macrophage Activation and Oxidative Stress Following Ozone Exposure by Farnesoid X Receptor. <i>Toxicological Sciences</i> , <b>2020</b> , 177, 441-453	4.4	7
155	Fatty acid nitroalkenes inhibit the inflammatory response to bleomycin-mediated lung injury. <i>Toxicology and Applied Pharmacology</i> , <b>2020</b> , 407, 115236	4.6	3
154	Assessment of mustard vesicant lung injury and anti-TNF- $\alpha$ efficacy in rodents using live-animal imaging. <i>Annals of the New York Academy of Sciences</i> , <b>2020</b> , 1480, 246-256	6.5	1

153	Transcriptional profiling of lung macrophages during pulmonary injury induced by nitrogen mustard. <i>Annals of the New York Academy of Sciences</i> , <b>2020</b> , 1480, 146-154	6.5	4
152	Chemical warfare agent research in precision-cut tissue slices-a useful alternative approach. <i>Annals of the New York Academy of Sciences</i> , <b>2020</b> , 1480, 44-53	6.5	
151	Regulation of Macrophage Foam Cell Formation During Nitrogen Mustard (NM)-Induced Pulmonary Fibrosis by Lung Lipids. <i>Toxicological Sciences</i> , <b>2019</b> , 172, 344-358	4.4	13
150	Surfactant protein-D modulation of pulmonary macrophage phenotype is controlled by -nitrosylation. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , <b>2019</b> , 317, L539-L549	5.8	6
149	Myeloid Cell Recruitment and Activation Following Ozone Exposure in a Murine Model of Mutant Surfactant Protein-C Pulmonary Dysfunction. <i>FASEB Journal</i> , <b>2019</b> , 33, 542.19	0.9	
148	Revisiting John Snow to Meet the Challenge of Nontuberculous Mycobacterial Lung Disease. <i>International Journal of Environmental Research and Public Health</i> , <b>2019</b> , 16,	4.6	6
147	Serum surfactant protein D as a marker for bronchopulmonary dysplasia. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , <b>2019</b> , 32, 815-819	2	6
146	Protective Role of Surfactant Protein-D Against Lung Injury and Oxidative Stress Induced by Nitrogen Mustard. <i>Toxicological Sciences</i> , <b>2018</b> , 166, 108-122	4.4	8
145	Exposure to Silver Nanospheres Leads to Altered Respiratory Mechanics and Delayed Immune Response in an Murine Model. <i>Frontiers in Pharmacology</i> , <b>2018</b> , 9, 213	5.6	8
144	Use of Submicron Vaterite Particles Serves as an Effective Delivery Vehicle to the Respiratory Portion of the Lung. <i>Frontiers in Pharmacology</i> , <b>2018</b> , 9, 559	5.6	21
143	Beet the Best?. <i>Circulation Research</i> , <b>2018</b> , 123, 654-659	15.7	22
142	Immune Checkpoint Ligand PD-L1 Is Upregulated in Pulmonary Lymphangiomyomatosis. <i>American Journal of Respiratory Cell and Molecular Biology</i> , <b>2018</b> , 59, 723-732	5.7	19
141	Downregulation of Guanylate Cyclase Enzyme in Human Asthma model to Investigate NO-sGc-cGMP as a Therapeutic Pathway in Asthma. <i>FASEB Journal</i> , <b>2018</b> , 32, 840.11	0.9	2
140	World Trade Center (WTC) dust exposure in mice is associated with inflammation, oxidative stress and epigenetic changes in the lung. <i>Experimental and Molecular Pathology</i> , <b>2017</b> , 102, 50-58	4.4	16
139	Regulation of Nitrogen Mustard-Induced Lung Macrophage Activation by Valproic Acid, a Histone Deacetylase Inhibitor. <i>Toxicological Sciences</i> , <b>2017</b> , 157, 222-234	4.4	19
138	Toward point-of-care management of chronic respiratory conditions: Electrochemical sensing of nitrite content in exhaled breath condensate using reduced graphene oxide. <i>Microsystems and Nanoengineering</i> , <b>2017</b> , 3, 17022	7.7	45
137	Histologic and biochemical alterations predict pulmonary mechanical dysfunction in aging mice with chronic lung inflammation. <i>PLoS Computational Biology</i> , <b>2017</b> , 13, e1005570	5	8
136	Editor's Highlight: Role of Spleen-Derived Macrophages in Ozone-Induced Lung Inflammation and Injury. <i>Toxicological Sciences</i> , <b>2017</b> , 155, 182-195	4.4	14

135	Characterization of Distinct Macrophage Subpopulations during Nitrogen Mustard-Induced Lung Injury and Fibrosis. <i>American Journal of Respiratory Cell and Molecular Biology</i> , <b>2016</b> , 54, 436-46	5.7	57
134	Low-dose AgNPs reduce lung mechanical function and innate immune defense in the absence of cellular toxicity. <i>Nanotoxicology</i> , <b>2016</b> , 10, 118-27	5.3	20
133	Effect of pulmonary surfactant on the dissolution, stability and uptake of zinc oxide nanowires by human respiratory epithelial cells. <i>Nanotoxicology</i> , <b>2016</b> , 10, 1351-62	5.3	32
132	Chronic exposure to air pollution particles increases the risk of obesity and metabolic syndrome: findings from a natural experiment in Beijing. <i>FASEB Journal</i> , <b>2016</b> , 30, 2115-22	0.9	137
131	Role of NOS2 in pulmonary injury and repair in response to bleomycin. <i>Free Radical Biology and Medicine</i> , <b>2016</b> , 91, 293-301	7.8	21
130	Pulmonary effects of inhalation of spark-generated silver nanoparticles in Brown-Norway and Sprague-Dawley rats. <i>Respiratory Research</i> , <b>2016</b> , 17, 85	7.3	31
129	Pulmonary surfactant mitigates silver nanoparticle toxicity in human alveolar type-I-like epithelial cells. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2016</b> , 145, 167-175	6	25
128	Carboxylation of multiwalled carbon nanotubes reduces their toxicity in primary human alveolar macrophages. <i>Environmental Science: Nano</i> , <b>2016</b> , 3, 1340-1350	7.1	20
127	Surfactant dysfunction and lung inflammation in the female mouse model of lymphangioliomyomatosis. <i>American Journal of Respiratory Cell and Molecular Biology</i> , <b>2015</b> , 53, 96-104	5.7	14
126	Static and Dynamic Microscopy of the Chemical Stability and Aggregation State of Silver Nanowires in Components of Murine Pulmonary Surfactant. <i>Environmental Science &amp; Technology</i> , <b>2015</b> , 49, 8048-56	10.3	19
125	The role of inducible nitric oxide synthase for interstitial remodeling of alveolar septa in surfactant protein D-deficient mice. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , <b>2015</b> , 309, L959-69	5.8	15
124	Framework for 3D histologic reconstruction and fusion with in vivo MRI: Preliminary results of characterizing pulmonary inflammation in a mouse model. <i>Medical Physics</i> , <b>2015</b> , 42, 4822-32	4.4	13
123	Modulation of Human Macrophage Responses to Mycobacterium tuberculosis by Silver Nanoparticles of Different Size and Surface Modification. <i>PLoS ONE</i> , <b>2015</b> , 10, e0143077	3.7	36
122	Disrupted Nitric Oxide Metabolism from Type II Diabetes and Acute Exposure to Particulate Air Pollution. <i>PLoS ONE</i> , <b>2015</b> , 10, e0144250	3.7	8
121	Silver nanowire interactions with primary human alveolar type-II epithelial cell secretions: contrasting bioreactivity with human alveolar type-I and type-II epithelial cells. <i>Nanoscale</i> , <b>2015</b> , 7, 10398-409	7.7	29
120	Oxygen Metabolism in the Lung <b>2015</b> , 355-374		
119	Pharmacological targeting of VEGFR signaling with axitinib inhibits Tsc2-null lesion growth in the mouse model of lymphangioliomyomatosis. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , <b>2015</b> , 309, L1447-54	5.8	14
118	Protective role of spleen-derived macrophages in lung inflammation, injury, and fibrosis induced by nitrogen mustard. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , <b>2015</b> , 309, L1487-98	5.8	24

117	Adsorption of surfactant protein D from human respiratory secretions by carbon nanotubes and polystyrene nanoparticles depends on nanomaterial surface modification and size. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , <b>2015</b> , 370, 20140038	5.8	12
116	Radiation-induced lung injury and inflammation in mice: role of inducible nitric oxide synthase and surfactant protein D. <i>Toxicological Sciences</i> , <b>2015</b> , 144, 27-38	4.4	33
115	Pulmonary toxicity of instilled silver nanoparticles: influence of size, coating and rat strain. <i>PLoS ONE</i> , <b>2015</b> , 10, e0119726	3.7	79
114	Nitrogen Mustard (NM)-induced Lung Fibrosis is Associated with Altered Lipid Metabolism and Foam Cell Formation. <i>FASEB Journal</i> , <b>2015</b> , 29, 774.2	0.9	
113	Regulation of keratinocyte expression of stress proteins and antioxidants by the electrophilic nitrofatty acids 9- and 10-nitrooleic acid. <i>Free Radical Biology and Medicine</i> , <b>2014</b> , 67, 1-9	7.8	10
112	Acute chlorine gas exposure produces transient inflammation and a progressive alteration in surfactant composition with accompanying mechanical dysfunction. <i>Toxicology and Applied Pharmacology</i> , <b>2014</b> , 278, 53-64	4.6	27
111	Plasma nitrite is an indicator of acute changes in ambient air pollutant concentrations. <i>Inhalation Toxicology</i> , <b>2014</b> , 26, 426-34	2.7	7
110	Pentoxifylline attenuates nitrogen mustard-induced acute lung injury, oxidative stress and inflammation. <i>Experimental and Molecular Pathology</i> , <b>2014</b> , 97, 89-98	4.4	58
109	NOS2 is critical to the development of emphysema in Sftpd deficient mice but does not affect surfactant homeostasis. <i>PLoS ONE</i> , <b>2014</b> , 9, e85722	3.7	18
108	Oxygen-linked S-nitrosation in fish myoglobins: a cysteine-specific tertiary allosteric effect. <i>PLoS ONE</i> , <b>2014</b> , 9, e97012	3.7	7
107	A controlled trial of acute effects of human exposure to traffic particles on pulmonary oxidative stress and heart rate variability. <i>Particle and Fibre Toxicology</i> , <b>2014</b> , 11, 45	8.4	43
106	Folliculin controls lung alveolar enlargement and epithelial cell survival through E-cadherin, LKB1, and AMPK. <i>Cell Reports</i> , <b>2014</b> , 7, 412-423	10.6	70
105	Technical and knowledge-based outcomes following a one-week high school research program in toxicology and environmental health sciences (1058.1). <i>FASEB Journal</i> , <b>2014</b> , 28, 1058.1	0.9	
104	Histologic and biochemical alterations predict mechanical dysfunction in aging and chronically inflamed mice (717.4). <i>FASEB Journal</i> , <b>2014</b> , 28, 717.4	0.9	
103	The stability of silver nanoparticles in a model of pulmonary surfactant. <i>Environmental Science &amp; Technology</i> , <b>2013</b> , 47, 11232-40	10.3	87
102	Immunofluorescent detection of S-nitrosoproteins in cell culture. <i>Methods</i> , <b>2013</b> , 62, 161-4	4.6	2
101	Sulfidation of silver nanowires inside human alveolar epithelial cells: a potential detoxification mechanism. <i>Nanoscale</i> , <b>2013</b> , 5, 9839-47	7.7	49
100	Ozone-induced injury and oxidative stress in bronchiolar epithelium are associated with altered pulmonary mechanics. <i>Toxicological Sciences</i> , <b>2013</b> , 133, 309-19	4.4	35

99	Aquaporin 11 insufficiency modulates kidney susceptibility to oxidative stress. <i>American Journal of Physiology - Renal Physiology</i> , <b>2013</b> , 304, F1295-307	4.3	35
98	Tocopherol supplementation reduces NO production and pulmonary inflammatory response to bleomycin. <i>Nitric Oxide - Biology and Chemistry</i> , <b>2013</b> , 34, 27-36	5	7
97	High-resolution analytical electron microscopy reveals cell culture media-induced changes to the chemistry of silver nanowires. <i>Environmental Science &amp; Technology</i> , <b>2013</b> , 47, 13813-21	10.3	32
96	Multiscale multimodal fusion of histological and MRI volumes for characterization of lung inflammation <b>2013</b> ,		2
95	Age-related increases in ozone-induced injury and altered pulmonary mechanics in mice with progressive lung inflammation. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , <b>2013</b> , 305, L555-68	5.8	28
94	Computational multiscale toxicodynamic modeling of silver and carbon nanoparticle effects on mouse lung function. <i>PLoS ONE</i> , <b>2013</b> , 8, e80917	3.7	8
93	Role of reactive nitrogen species generated via inducible nitric oxide synthase in vesicant-induced lung injury, inflammation and altered lung functioning. <i>Toxicology and Applied Pharmacology</i> , <b>2012</b> , 261, 22-30	4.6	33
92	Regulation of cellular processes by S-nitrosylation. Preface. <i>Biochimica Et Biophysica Acta - General Subjects</i> , <b>2012</b> , 1820, 673-4	4	1
91	Attenuation of acute nitrogen mustard-induced lung injury, inflammation and fibrogenesis by a nitric oxide synthase inhibitor. <i>Toxicology and Applied Pharmacology</i> , <b>2012</b> , 265, 279-91	4.6	44
90	Copper modulates the phenotypic response of activated BV2 microglia through the release of nitric oxide. <i>Nitric Oxide - Biology and Chemistry</i> , <b>2012</b> , 27, 201-9	5	19
89	Prolonged injury and altered lung function after ozone inhalation in mice with chronic lung inflammation. <i>American Journal of Respiratory Cell and Molecular Biology</i> , <b>2012</b> , 47, 776-83	5.7	32
88	Atypical PKC $\zeta$ transduces electrophilic fatty acid signaling in pulmonary epithelial cells. <i>Nitric Oxide - Biology and Chemistry</i> , <b>2011</b> , 25, 366-72	5	9
87	Membrane transfer of S-nitrosothiols. <i>Nitric Oxide - Biology and Chemistry</i> , <b>2011</b> , 25, 102-7	5	23
86	In-vehicle Exposures to Traffic and Biomarkers of Airway Oxidative Stress Among Healthy Humans. <i>Epidemiology</i> , <b>2011</b> , 22, S217-S218	3.1	
85	Functional and inflammatory alterations in the lung following exposure of rats to nitrogen mustard. <i>Toxicology and Applied Pharmacology</i> , <b>2011</b> , 250, 10-8	4.6	47
84	Role of TNFR1 in lung injury and altered lung function induced by the model sulfur mustard vesicant, 2-chloroethyl ethyl sulfide. <i>Toxicology and Applied Pharmacology</i> , <b>2011</b> , 250, 245-55	4.6	31
83	Segmental allergen challenge alters multimeric structure and function of surfactant protein D in humans. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2011</b> , 183, 856-64	10.2	33
82	Early alveolar epithelial dysfunction promotes lung inflammation in a mouse model of Hermansky-Pudlak syndrome. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2011</b> , 184, 449-58	10.2	49

81	A hemoglobin variant associated with neonatal cyanosis and anemia. <i>New England Journal of Medicine</i> , <b>2011</b> , 364, 1837-43	59.2	21
80	Nitric Oxide and Cellular Maturity Are Key Components of Pro-Inflammatory Cytokine-Induced Apoptosis of Human Fetal Lung Epithelial Cells <b>2011</b> , 3, 1-5		1
79	Macrophages, reactive nitrogen species, and lung injury. <i>Annals of the New York Academy of Sciences</i> , <b>2010</b> , 1203, 60-5	6.5	25
78	Review: Chemical and structural modifications of pulmonary collectins and their functional consequences. <i>Innate Immunity</i> , <b>2010</b> , 16, 175-82	2.7	25
77	Inhaled nitric oxide in premature infants: effect on tracheal aspirate and plasma nitric oxide metabolites. <i>Journal of Perinatology</i> , <b>2010</b> , 30, 275-80	3.1	12
76	Immune reconstitution during <i>Pneumocystis</i> lung infection: disruption of surfactant component expression and function by S-nitrosylation. <i>Journal of Immunology</i> , <b>2009</b> , 182, 2277-87	5.3	44
75	Nitric Oxide Biochemistry: Pathophysiology of Nitric Oxide-Mediated Protein Modifications <b>2009</b> , 29-44		1
74	A cis-proline in alpha-hemoglobin stabilizing protein directs the structural reorganization of alpha-hemoglobin. <i>Journal of Biological Chemistry</i> , <b>2009</b> , 284, 29462-9	5.4	16
73	Pulmonary effects of inhaled diesel exhaust in aged mice. <i>Toxicology and Applied Pharmacology</i> , <b>2009</b> , 241, 283-93	4.6	29
72	SP-D-dependent regulation of NO metabolism in lipopolysaccharide-stimulated peritoneal macrophages. <i>Bulletin of Experimental Biology and Medicine</i> , <b>2009</b> , 147, 415-20	0.8	5
71	Nitrite, NO and hypoxic vasodilation. <i>British Journal of Pharmacology</i> , <b>2009</b> , 158, 1653-4	8.6	13
70	Analysis of human alpha globin gene mutations that impair binding to the alpha hemoglobin stabilizing protein. <i>Blood</i> , <b>2009</b> , 113, 5961-9	2.2	33
69	Plasma biomarkers of oxidative stress: relationship to lung disease and inhaled nitric oxide therapy in premature infants. <i>Pediatrics</i> , <b>2008</b> , 121, 555-61	7.4	46
68	Expression of nitric oxide synthases and endogenous NO metabolism in bronchopulmonary dysplasia. <i>Pediatric Pulmonology</i> , <b>2008</b> , 43, 703-9	3.5	14
67	S-nitrosylation of surfactant protein-D controls inflammatory function. <i>PLoS Biology</i> , <b>2008</b> , 6, e266	9.7	110
66	SP-D-deficient mice are resistant to hyperoxia. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , <b>2007</b> , 292, L861-71	5.8	23
65	S-Nitrosothiol measurements in biological systems. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2007</b> , 851, 140-51	3.2	96
64	Nitric oxide metabolites induced in <i>Anopheles stephensi</i> control malaria parasite infection. <i>Free Radical Biology and Medicine</i> , <b>2007</b> , 42, 132-42	7.8	87

63	Selective inhibition of inducible NO synthase activity in vivo reverses inflammatory abnormalities in surfactant protein D-deficient mice. <i>Journal of Immunology</i> , <b>2007</b> , 179, 8090-7	5.3	35
62	An erythroid chaperone that facilitates folding of alpha-globin subunits for hemoglobin synthesis. <i>Journal of Clinical Investigation</i> , <b>2007</b> , 117, 1856-65	15.9	83
61	S-Nitrosylation of Surfactant Protein D (SP-D) modulates its oligomerization and inflammatory function in vitro and in experimental models of lung injury.. <i>FASEB Journal</i> , <b>2007</b> , 21, A552	0.9	1
60	Total nitrogen oxide following exercise testing reflects endothelial function and discriminates health status. <i>Free Radical Biology and Medicine</i> , <b>2006</b> , 41, 740-7	7.8	18
59	Photoprotection of parenteral nutrition enhances advancement of minimal enteral nutrition in preterm infants. <i>Seminars in Perinatology</i> , <b>2006</b> , 30, 139-45	3.3	25
58	The biological chemistry of nitric oxide as it pertains to the extrapulmonary effects of inhaled nitric oxide. <i>Proceedings of the American Thoracic Society</i> , <b>2006</b> , 3, 150-2		20
57	Inositols prevent and reverse endothelial dysfunction in diabetic rat and rabbit vasculature metabolically and by scavenging superoxide. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2006</b> , 103, 218-23	11.5	88
56	Biochemical fates of alpha hemoglobin bound to alpha hemoglobin-stabilizing protein AHSP. <i>Journal of Biological Chemistry</i> , <b>2006</b> , 281, 32611-8	5.4	34
55	Hormonal regulation of alveolarization: structure-function correlation. <i>Respiratory Research</i> , <b>2006</b> , 7, 47	7.3	12
54	NO, SNO, and hemoglobin: Lessons in complexity. <i>Blood</i> , <b>2006</b> , 108, 3224-5; author reply 3226-7	2.2	4
53	Alpha Hemoglobin Stabilizing Protein (AHSP) Optimizes Hemoglobin A Synthesis by Maintaining a Pool of Viable Alpha Globin Subunits.. <i>Blood</i> , <b>2006</b> , 108, 650-650	2.2	
52	A method to attenuate pneumoperitoneum-induced reductions in splanchnic blood flow. <i>Annals of Surgery</i> , <b>2005</b> , 241, 256-61	7.8	26
51	Pathophysiological functions of nitric oxide-mediated protein modifications. <i>Toxicology</i> , <b>2005</b> , 208, 299-303	4.1	65
50	Role of alpha-hemoglobin-stabilizing protein in normal erythropoiesis and beta-thalassemia. <i>Annals of the New York Academy of Sciences</i> , <b>2005</b> , 1054, 103-17	6.5	35
49	Structure of oxidized alpha-haemoglobin bound to AHSP reveals a protective mechanism for haem. <i>Nature</i> , <b>2005</b> , 435, 697-701	50.4	93
48	Regional and whole-body markers of nitric oxide production following hyperemic stimuli. <i>Free Radical Biology and Medicine</i> , <b>2005</b> , 38, 1164-9	7.8	40
47	Invertebrate hemoglobins and nitric oxide: how heme pocket structure controls reactivity. <i>Journal of Inorganic Biochemistry</i> , <b>2005</b> , 99, 903-11	4.2	16
46	Alveolar surfactant protein D content modulates bleomycin-induced lung injury. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2005</b> , 172, 869-77	10.2	43

45	Hemoglobin conformation couples erythrocyte S-nitrosothiol content to O <sub>2</sub> gradients. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2005</b> , 102, 5709-14	11.5	164
44	A nitric oxide processing defect of red blood cells created by hypoxia: deficiency of S-nitrosohemoglobin in pulmonary hypertension. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2005</b> , 102, 14801-6	11.5	113
43	Surfactant protein-D, a mediator of innate lung immunity, alters the products of nitric oxide metabolism. <i>American Journal of Respiratory Cell and Molecular Biology</i> , <b>2004</b> , 30, 271-9	5.7	46
42	Immunohistochemical detection of S-nitrosylated proteins. <i>Methods in Molecular Biology</i> , <b>2004</b> , 279, 167-172	11.5	16
41	Delayed clearance of pneumocystis carinii infection, increased inflammation, and altered nitric oxide metabolism in lungs of surfactant protein-D knockout mice. <i>Journal of Infectious Diseases</i> , <b>2004</b> , 189, 1528-39	7	70
40	NO and superoxide: opposite ends of the seesaw in cardiac contractility. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2004</b> , 101, 16403-4	11.5	16
39	Enhanced lung injury and delayed clearance of Pneumocystis carinii in surfactant protein A-deficient mice: attenuation of cytokine responses and reactive oxygen-nitrogen species. <i>Infection and Immunity</i> , <b>2004</b> , 72, 6002-11	3.7	57
38	S-Nitrosohemoglobin: an allosteric mediator of NO group function in mammalian vasculature. <i>Free Radical Biology and Medicine</i> , <b>2004</b> , 37, 442-53	7.8	22
37	Biological significance of nitric oxide-mediated protein modifications. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , <b>2004</b> , 287, L262-8	5.8	281
36	Molecular mechanism of AHSP-mediated stabilization of alpha-hemoglobin. <i>Cell</i> , <b>2004</b> , 119, 629-40	56.2	123
35	Long-term intermittent hypoxia in mice: protracted hypersomnolence with oxidative injury to sleep-wake brain regions. <i>Sleep</i> , <b>2004</b> , 27, 194-201	1.1	270
34	Loss of alpha-hemoglobin-stabilizing protein impairs erythropoiesis and exacerbates beta-thalassemia. <i>Journal of Clinical Investigation</i> , <b>2004</b> , 114, 1457-66	15.9	114
33	Red Blood Cell S-Nitrosohemoglobin Deficiency in Pulmonary Arterial Hypertension.. <i>Blood</i> , <b>2004</b> , 104, 1583-1583	2.2	
32	Super-SOD: superoxide dismutase chimera fights off inflammation. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , <b>2003</b> , 284, L915-6	5.8	4
31	Routes to S-nitroso-hemoglobin formation with heme redox and preferential reactivity in the beta subunits. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2003</b> , 100, 4611-6	11.5	185
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