

Irina Petrache

List of Publications by Year in descending order

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134
papers

7,227
citations

57719

44
h-index

60583

81
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all docs

135
docs citations

135
times ranked

11273
citing authors

#	ARTICLE	IF	CITATIONS
1	Decreased Fatty Acid Oxidation and Altered Lactate Production during Exercise in Patients with Post-acute COVID-19 Syndrome. American Journal of Respiratory and Critical Care Medicine, 2022, 205, 126-129.	2.5	64
2	Characteristics and outcomes of ambulatory patients with suspected COVID-19 at a respiratory referral center. Respiratory Medicine, 2022, 197, 106832.	1.3	2
3	Cardiopulmonary Exercise Testing. JAMA - Journal of the American Medical Association, 2022, 327, 1284.	3.8	3
4	Pharmacological sphingosine-1 phosphate receptor 1 targeting in cigarette smoke-induced emphysema in mice. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2022, , .	1.3	3
5	Electronic cigarette vapor exposure exaggerates the pro-inflammatory response during influenza A viral infection in human distal airway epithelium. Archives of Toxicology, 2022, 96, 2319-2328.	1.9	8
6	Balanced Wnt/Dickkopf1 signaling by mesenchymal vascular progenitor cells in the microvascular niche maintains distal lung structure and function. American Journal of Physiology - Cell Physiology, 2021, 320, C119-C131.	2.1	5
7	Association of inhaled and systemic corticosteroid use with Coronavirus Disease 2019 (COVID-19) test positivity in patients with chronic pulmonary diseases. Respiratory Medicine, 2021, 176, 106275.	1.3	16
8	Influenza virus infection increases ACE2 expression and shedding in human small airway epithelial cells. European Respiratory Journal, 2021, 58, 2003988.	3.1	38
9	Ceramide and sphingosine-1 phosphate in COPD lungs. Thorax, 2021, 76, 821-825.	2.7	15
10	Metabolomic Profiling Reveals Sex Specific Associations with Chronic Obstructive Pulmonary Disease and Emphysema. Metabolites, 2021, 11, 161.	1.3	19
11	Cooling off the heated controversy of a safer cigarette: heat-not-burn no better than traditional combustion cigarettes. Thorax, 2021, 76, 536-536.	2.7	0
12	Altered Macrophage Function Associated with Crystalline Lung Inflammation in Acid Sphingomyelinase Deficiency. American Journal of Respiratory Cell and Molecular Biology, 2021, 64, 629-640.	1.4	4
13	Sphingosine 1 Phosphate (S1P) Receptor 1 Is Decreased in Human Lung Microvascular Endothelial Cells of Smokers and Mediates S1P Effect on Autophagy. Cells, 2021, 10, 1200.	1.8	8
14	Therapeutic benefits of recombinant alpha1-antitrypsin IgG1 Fc-fusion protein in experimental emphysema. Respiratory Research, 2021, 22, 207.	1.4	5
15	Can Metformin Downshift the Gears of Aging to Slow Emphysema Progression?. American Journal of Respiratory and Critical Care Medicine, 2021, 204, 621-622.	2.5	0
16	Rapalogs Target the Endothelium to Set the Stage for Acute Lung Injury. American Journal of Respiratory Cell and Molecular Biology, 2021, 65, 576-577.	1.4	0
17	Epithelial cell-specific loss of function of <i>Miz1</i> causes a spontaneous COPD-like phenotype and up-regulates <i>Ace2</i> expression in mice. Science Advances, 2020, 6, eabb7238.	4.7	16
18	Impact of a Respiratory Disease Young Investigators™ Forum on the Career Development of Physician-Scientists. ATS Scholar, 2020, 1, 243-259.	0.5	2

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19	<p>Nicotine-Free e-Cigarette Vapor Exposure Stimulates IL6 and Mucin Production in Human Primary Small Airway Epithelial Cells</p>. Journal of Inflammation Research, 2020, Volume 13, 175-185.	1.6	30
20	Cigarette smoke exposure impairs β -cell function through activation of oxidative stress and ceramide accumulation. Molecular Metabolism, 2020, 37, 100975.	3.0	18
21	Optimization of combined measures of airway physiology and cardiovascular hemodynamics in mice. Pulmonary Circulation, 2020, 10, 1-11.	0.8	4
22	MicroRNA-126-3p Inhibits Angiogenic Function of Human Lung Microvascular Endothelial Cells via LAT1 (L-Type Amino Acid Transporter 1)-Mediated mTOR (Mammalian Target of Rapamycin) Signaling. Arteriosclerosis, Thrombosis, and Vascular Biology, 2020, 40, 1195-1206.	1.1	20
23	Extracellular Superoxide Dismutase Regulates Early Vascular Hyaluronan Remodeling in Hypoxic Pulmonary Hypertension. Scientific Reports, 2020, 10, 280.	1.6	16
24	A Finale on EVALI?. JAMA Network Open, 2020, 3, e2019366.	2.8	8
25	Plasma Metabolomic Signatures of Chronic Obstructive Pulmonary Disease and the Impact of Genetic Variants on Phenotype-Driven Modules. Network and Systems Medicine, 2020, 3, 159-181.	2.7	22
26	IGSF3 mutation identified in patient with severe COPD alters cell function and motility. JCI Insight, 2020, 5, .	2.3	4
27	Bronchoalveolar Lavage Fluid from COPD Patients Reveals More Compounds Associated with Disease than Matched Plasma. Metabolites, 2019, 9, 157.	1.3	32
28	Role of Glucosylceramide in Lung Endothelial Cell Fate and Emphysema. American Journal of Respiratory and Critical Care Medicine, 2019, 200, 1113-1125.	2.5	19
29	Mesenchymal Regulation of the Microvascular Niche in Chronic Lung Diseases. , 2019, 9, 1431-1441.		2
30	Subcutaneous administration of neutralizing antibodies to endothelial monocyte-activating protein II attenuates cigarette smoke-induced lung injury in mice. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2019, 316, L558-L566.	1.3	9
31	Is More Better? Promising Biological Effects of Double-Dose Alpha 1-Antitrypsin Therapy. American Journal of Respiratory and Critical Care Medicine, 2019, 200, 270-272.	2.5	0
32	Lectin Complement Pathway in Emphysema. American Journal of Respiratory and Critical Care Medicine, 2019, 199, 659-661.	2.5	7
33	Intravascular heavy chain-modification of hyaluronan during endotoxic shock. Biochemistry and Biophysics Reports, 2019, 17, 114-121.	0.7	4
34	A prototypic small molecule database for bronchoalveolar lavage-based metabolomics. Scientific Data, 2018, 5, 180060.	2.4	10
35	Cigarette Smoking Impairs Adipose Stromal Cell Vasculogenic Activity and Abrogates Potency to Ameliorate Ischemia. Stem Cells, 2018, 36, 856-867.	1.4	15
36	Hypoxia Upregulates Estrogen Receptor β in Pulmonary Artery Endothelial Cells in a HIF-1 α -Dependent Manner. American Journal of Respiratory Cell and Molecular Biology, 2018, 59, 114-126.	1.4	26

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37	Inhibition of acid sphingomyelinase disrupts LYNUS signaling and triggers autophagy. <i>Journal of Lipid Research</i> , 2018, 59, 596-606.	2.0	27
38	Sphingolipid regulation of lung epithelial cell mitophagy and necroptosis during cigarette smoke exposure. <i>FASEB Journal</i> , 2018, 32, 1880-1890.	0.2	59
39	Xeroderma Pigmentosum Group C Deficiency Alters Cigarette Smoke DNA Damage Cell Fate and Accelerates Emphysema Development. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2018, 58, 402-411.	1.4	16
40	Metabolomics and transcriptomics pathway approach reveals outcome-specific perturbations in COPD. <i>Scientific Reports</i> , 2018, 8, 17132.	1.6	62
41	Bioactive Sphingolipids in the Pathogenesis of Chronic Obstructive Pulmonary Disease. <i>Annals of the American Thoracic Society</i> , 2018, 15, S249-S252.	1.5	18
42	AMD3100 ameliorates cigarette smoke-induced emphysema-like manifestations in mice. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2018, 315, L382-L386.	1.3	13
43	Rapid clearance of heavy chain-modified hyaluronan during resolving acute lung injury. <i>Respiratory Research</i> , 2018, 19, 107.	1.4	19
44	Impact of HIV infection on α -1-antitrypsin in the lung. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2018, 314, L583-L592.	1.3	14
45	Mouse Models of COPD. <i>Methods in Molecular Biology</i> , 2018, 1809, 379-394.	0.4	19
46	High-intensity interval training, but not continuous training, reverses right ventricular hypertrophy and dysfunction in a rat model of pulmonary hypertension. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2017, 312, R197-R210.	0.9	57
47	Oncostatin M and TNF- α Induce Alpha-1 Antitrypsin Production in Undifferentiated Adipose Stromal Cells. <i>Stem Cells and Development</i> , 2017, 26, 1468-1476.	1.1	6
48	Metabolomic similarities between bronchoalveolar lavage fluid and plasma in humans and mice. <i>Scientific Reports</i> , 2017, 7, 5108.	1.6	19
49	Effect of Household Air Pollution Exposures on Respiratory Symptoms and Systemic Immunoregulatory Cytokines in HIV-Positive Individuals. <i>Chest</i> , 2017, 152, A821.	0.4	0
50	Alpha-1 antitrypsin supplementation improves alveolar macrophages efferocytosis and phagocytosis following cigarette smoke exposure. <i>PLoS ONE</i> , 2017, 12, e0176073.	1.1	35
51	Gene and metabolite time-course response to cigarette smoking in mouse lung and plasma. <i>PLoS ONE</i> , 2017, 12, e0178281.	1.1	19
52	Widespread activation of immunity and pro-inflammatory programs in peripheral blood leukocytes of HIV-infected patients with impaired lung gas exchange. <i>Physiological Reports</i> , 2016, 4, e12756.	0.7	12
53	Lost in Trans-IL-6 Signaling: Alveolar Type II Cell Death in Emphysema. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2016, 194, 1441-1443.	2.5	2
54	Pulmonary Retention of Adipose Stromal Cells following Intravenous Delivery is Markedly Altered in the Presence of ARDS. <i>Cell Transplantation</i> , 2016, 25, 1635-1643.	1.2	21

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55	Alpha-1 Antitrypsin Investigations Using Animal Models of Emphysema. <i>Annals of the American Thoracic Society</i> , 2016, 13, S311-S316.	1.5	15
56	Structural and functional characterization of endothelial microparticles released by cigarette smoke. <i>Scientific Reports</i> , 2016, 6, 31596.	1.6	112
57	Ceramide Signaling and Metabolism in Pathophysiological States of the Lung. <i>Annual Review of Physiology</i> , 2016, 78, 463-480.	5.6	55
58	Alpha-1 Antitrypsin and Lung Cell Apoptosis. <i>Annals of the American Thoracic Society</i> , 2016, 13 Suppl 2, S146-9.	1.5	18
59	Exercise Does Not Attenuate Disease Progression in a Rat Model of Progressive Pulmonary Arterial Hypertension. <i>Medicine and Science in Sports and Exercise</i> , 2015, 47, 688.	0.2	0
60	Neonatal hyperoxic lung injury favorably alters adult right ventricular remodeling response to chronic hypoxia exposure. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2015, 308, L797-L806.	1.3	32
61	Space radiation-associated lung injury in a murine model. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2015, 308, L416-L428.	1.3	36
62	Novel assessment of haemodynamic kinetics with acute exercise in a rat model of pulmonary arterial hypertension. <i>Experimental Physiology</i> , 2015, 100, 742-754.	0.9	19
63	Conditioned media from adipose stromal cells limit lipopolysaccharide-induced lung injury, endothelial hyperpermeability and apoptosis. <i>Journal of Translational Medicine</i> , 2015, 13, 67.	1.8	24
64	Endothelial disruptive proinflammatory effects of nicotine and e-cigarette vapor exposures. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2015, 309, L175-L187.	1.3	206
65	Scavenger receptor class B, type I-mediated uptake of A1AT by pulmonary endothelial cells. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2015, 309, L425-L434.	1.3	19
66	Plasma Sphingolipids Associated with Chronic Obstructive Pulmonary Disease Phenotypes. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2015, 191, 275-284.	2.5	137
67	Impact of alginate-producing <i>Pseudomonas aeruginosa</i> on alveolar macrophage apoptotic cell clearance. <i>Journal of Cystic Fibrosis</i> , 2015, 14, 70-77.	0.3	31
68	Human Adipose-Derived Stem Cells Ameliorate Cigarette Smoke-Induced Murine Myelosuppression via Secretion of TSG-6. <i>Stem Cells</i> , 2015, 33, 468-478.	1.4	24
69	The Effect of Protocolized COPD Management on Lung Function: A Comparison Between Two Groups. <i>Chest</i> , 2014, 146, 543A.	0.4	0
70	Vertebral Erosion: An Uncommon Complication of Tracheal Tubes. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2014, 190, e4-e4.	2.5	3
71	HIV envelope protein gp120-induced apoptosis in lung microvascular endothelial cells by concerted upregulation of EMAP II and its receptor, CXCR3. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2014, 306, L372-L382.	1.3	35
72	MSPrepâ€”Summarization, normalization and diagnostics for processing of mass spectrometryâ€”based metabolomic data. <i>Bioinformatics</i> , 2014, 30, 133-134.	1.8	48

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73	Selective Endothelinâ€A Receptor Blockade Attenuates Endotoxinâ€Induced Pulmonary Hypertension and Pulmonary vascular dysfunction. <i>Pulmonary Circulation</i> , 2014, 4, 300-310.	0.8	8
74	Smoking Exposure Induces Human Lung Endothelial Cell Adaptation to Apoptotic Stress. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2014, 50, 513-525.	1.4	39
75	Loss of Cystic Fibrosis Transmembrane Conductance Regulator Impairs Lung Endothelial Cell Barrier Function and Increases Susceptibility to Microvascular Damage from Cigarette Smoke. <i>Pulmonary Circulation</i> , 2014, 4, 260-268.	0.8	30
76	Transient and Persistent Metabolomic Changes in Plasma following Chronic Cigarette Smoke Exposure in a Mouse Model. <i>PLoS ONE</i> , 2014, 9, e101855.	1.1	41
77	Cathepsin E Promotes Pulmonary Emphysema via Mitochondrial Fission. <i>American Journal of Pathology</i> , 2014, 184, 2730-2741.	1.9	35
78	Effects of Lipid Interactions on Model Vesicle Engulfment by Alveolar Macrophages. <i>Biophysical Journal</i> , 2014, 106, 598-609.	0.2	13
79	Progress in solving the sex hormone paradox in pulmonary hypertension. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2014, 307, L7-L26.	1.3	129
80	The Development and Maintenance of Paclitaxel-induced Neuropathic Pain Require Activation of the Sphingosine 1-Phosphate Receptor Subtype 1. <i>Journal of Biological Chemistry</i> , 2014, 289, 21082-21097.	1.6	123
81	Overexpression of type VI collagen in neoplastic lung tissues. <i>Oncology Reports</i> , 2014, 32, 1897-1904.	1.2	25
82	Active Trafficking of Alpha 1 Antitrypsin across the Lung Endothelium. <i>PLoS ONE</i> , 2014, 9, e93979.	1.1	58
83	The Involvement of Sphingolipids in Chronic Obstructive Pulmonary Diseases. <i>Handbook of Experimental Pharmacology</i> , 2013, , 247-264.	0.9	22
84	In vivo knockdown of intersectin-1s alters endothelial cell phenotype and causes microvascular remodeling in the mouse lungs. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2013, 18, 57-76.	2.2	19
85	Î± ₁ -Antitrypsin Modulates Lung Endothelial Cell Inflammatory Responses to TNF-Î±. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2013, 49, 143-150.	1.4	63
86	RTP801 Is Required for Ceramide-Induced Cell-Specific Death in the Murine Lung. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2013, 48, 87-93.	1.4	24
87	Cigarette Smoke Exposure Inhibits Contact Hypersensitivity via the Generation of Platelet-Activating Factor Agonists. <i>Journal of Immunology</i> , 2013, 190, 2447-2454.	0.4	41
88	Acute Exacerbation and Systemic Comorbidities Modulate Circulating Microparticles in COPD Individuals. <i>Chest</i> , 2013, 144, 684A.	0.4	0
89	Ceramide Synthases Expression and Role of Ceramide Synthase-2 in the Lung: Insight from Human Lung Cells and Mouse Models. <i>PLoS ONE</i> , 2013, 8, e62968.	1.1	69
90	Dihydroceramide-based response to hypoxia.. <i>Journal of Biological Chemistry</i> , 2012, 287, 17425.	1.6	0

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91	17 β -Estradiol Attenuates Hypoxic Pulmonary Hypertension via Estrogen Receptor α -mediated Effects. American Journal of Respiratory and Critical Care Medicine, 2012, 185, 965-980.	2.5	145
92	LC3 as a potential therapeutic target in hypoxia-induced pulmonary hypertension. Autophagy, 2012, 8, 1146-1147.	4.3	27
93	Cigarette Smoke α -Induced CXCR3 Receptor Up-Regulation Mediates Endothelial Apoptosis. American Journal of Respiratory Cell and Molecular Biology, 2012, 47, 807-814.	1.4	21
94	Effect of Cigarette Smoke Exposure and Structural Modifications on the α 1-Antitrypsin Interaction with Caspases. Molecular Medicine, 2012, 18, 445-454.	1.9	43
95	Pathogenesis of chronic obstructive pulmonary disease. Journal of Clinical Investigation, 2012, 122, 2749-2755.	3.9	383
96	Lung endothelial monocyte-activating protein 2 is a mediator of cigarette smoke α -induced emphysema in mice. Journal of Clinical Investigation, 2012, 122, 2703-2703.	3.9	1
97	Two-Photon Imaging within the Murine Thorax without Respiratory and Cardiac Motion Artifact. American Journal of Pathology, 2011, 179, 75-82.	1.9	66
98	Lung endothelial monocyte-activating protein 2 is a mediator of cigarette smoke α -induced emphysema in mice. Journal of Clinical Investigation, 2011, 121, 2470-2479.	3.9	59
99	Involvement of Ceramide in Cell Death Responses in the Pulmonary Circulation. Proceedings of the American Thoracic Society, 2011, 8, 492-496.	3.5	38
100	Dihydroceramide-based Response to Hypoxia. Journal of Biological Chemistry, 2011, 286, 38069-38078.	1.6	71
101	Periostin Regulates Goblet Cell Metaplasia in a Model of Allergic Airway Inflammation. Journal of Immunology, 2011, 186, 4959-4966.	0.4	64
102	Adipose Stem Cell Treatment in Mice Attenuates Lung and Systemic Injury Induced by Cigarette Smoking. American Journal of Respiratory and Critical Care Medicine, 2011, 183, 215-225.	2.5	164
103	Mechanisms of lung endothelial barrier disruption induced by cigarette smoke: role of oxidative stress and ceramides. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2011, 301, L836-L846.	1.3	119
104	Rtp801, a suppressor of mTOR signaling, is an essential mediator of cigarette smoke α -induced pulmonary injury and emphysema. Nature Medicine, 2010, 16, 767-773.	15.2	209
105	Sphingolipid-mediated Inhibition of Apoptotic Cell Clearance by Alveolar Macrophages. Journal of Biological Chemistry, 2010, 285, 40322-40332.	1.6	76
106	Stimulation of Sphingosine 1-Phosphate Signaling as an Alveolar Cell Survival Strategy in Emphysema. American Journal of Respiratory and Critical Care Medicine, 2010, 181, 344-352.	2.5	68
107	Mechanism of α 1-antitrypsin endocytosis by lung endothelium. FASEB Journal, 2009, 23, 3149-3158.	0.2	65
108	Spinal Ceramide Modulates the Development of Morphine Antinociceptive Tolerance via Peroxynitrite-Mediated Nitroxidative Stress and Neuroimmune Activation. Journal of Pharmacology and Experimental Therapeutics, 2009, 329, 64-75.	1.3	70

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109	CFTR Regulation of Intracellular pH and Ceramides Is Required for Lung Endothelial Cell Apoptosis. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2009, 41, 314-323.	1.4	45
110	Type V Collagen-Induced Oral Tolerance Plus Low-Dose Cyclosporine Prevents Rejection of MHC Class I and II Incompatible Lung Allografts. <i>Journal of Immunology</i> , 2009, 183, 237-245.	0.4	35
111	A monoclonal rat anti-mouse EMAP II antibody that functionally neutralizes pro- and mature-EMAP II in vitro. <i>Journal of Immunological Methods</i> , 2009, 350, 22-28.	0.6	8
112	Spinal ceramide and neuronal apoptosis in morphine antinociceptive tolerance. <i>Neuroscience Letters</i> , 2009, 463, 49-53.	1.0	22
113	Safety and efficacy of alpha-1-antitrypsin augmentation therapy in the treatment of patients with alpha-1-antitrypsin deficiency. <i>Biologics: Targets and Therapy</i> , 2009, 3, 193.	3.0	58
114	Cellâ€protective mechanisms of alpha 1 antitrypsin (A1AT) in the lung endothelium. <i>FASEB Journal</i> , 2009, 23, 1024.13.	0.2	0
115	Anti-Type V Collagen Humoral Immunity in Lung Transplant Primary Graft Dysfunction. <i>Journal of Immunology</i> , 2008, 181, 5738-5747.	0.4	105
116	Superoxide dismutase protects against apoptosis and alveolar enlargement induced by ceramide. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2008, 295, L44-L53.	1.3	86
117	Tissue transglutaminase protects epithelial ovarian cancer cells from cisplatin-induced apoptosis by promoting cell survival signaling. <i>Carcinogenesis</i> , 2008, 29, 1893-1900.	1.3	88
118	Targeted Induction of Lung Endothelial Cell Apoptosis Causes Emphysema-like Changes in the Mouse. <i>Journal of Biological Chemistry</i> , 2008, 283, 29447-29460.	1.6	110
119	Apoptotic Sphingolipid Signaling by Ceramides in Lung Endothelial Cells. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2008, 38, 639-646.	1.4	61
120	EMAP II Overexpression Induces Endothelial Apoptosis and Emphysema in Murine Lungs. <i>FASEB Journal</i> , 2008, 22, 47.8.	0.2	0
121	Molecular Multitasking in the Airspace. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2007, 37, 130-134.	1.4	9
122	Î±1 Antitrypsin Inhibits Caspase-3 Activity, Preventing Lung Endothelial Cell Apoptosis. <i>American Journal of Pathology</i> , 2006, 169, 1155-1166.	1.9	270
123	Pulmonary ischemia induces lung remodeling and angiogenesis. <i>Journal of Applied Physiology</i> , 2006, 100, 587-593.	1.2	34
124	A Novel Antiapoptotic Role for Î±1-Antitrypsin in the Prevention of Pulmonary Emphysema. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2006, 173, 1222-1228.	2.5	196
125	Role of Lung Maintenance Program in the Heterogeneity of Lung Destruction in Emphysema. <i>Proceedings of the American Thoracic Society</i> , 2006, 3, 673-679.	3.5	85
126	Ceramide Causes Pulmonary Cell Apoptosis and Emphysema: A Role for Sphingolipid Homeostasis in the Maintenance of Alveolar Cells. <i>Proceedings of the American Thoracic Society</i> , 2006, 3, 510-510.	3.5	27

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127	State of the Art. Cellular and Molecular Mechanisms of Alveolar Destruction in Emphysema: An Evolutionary Perspective. Proceedings of the American Thoracic Society, 2006, 3, 503-510.	3.5	148
128	Ceramide upregulation causes pulmonary cell apoptosis and emphysema-like disease in mice. Nature Medicine, 2005, 11, 491-498.	15.2	471
129	Genetic ablation of Nrf2 enhances susceptibility to cigarette smoke-induced emphysema in mice. Journal of Clinical Investigation, 2004, 114, 1248-1259.	3.9	535
130	Central involvement of Rho family GTPases in TNF- α -mediated bovine pulmonary endothelial cell apoptosis. Biochemical and Biophysical Research Communications, 2003, 306, 244-249.	1.0	60
131	The Role of the Microtubules in Tumor Necrosis Factor- α -Induced Endothelial Cell Permeability. American Journal of Respiratory Cell and Molecular Biology, 2003, 28, 574-581.	1.4	295
132	Apoptosis and Emphysema. American Journal of Respiratory Cell and Molecular Biology, 2003, 28, 551-554.	1.4	178
133	Caspase-dependent cleavage of myosin light chain kinase (MLCK) is involved in TNF- α -mediated bovine pulmonary endothelial cell apoptosis. FASEB Journal, 2003, 17, 407-416.	0.2	96
134	Transforming Growth Factor β 1 Rescues Serum Deprivation-induced Apoptosis via the Mitogen-activated Protein Kinase (MAPK) Pathway in Macrophages. Journal of Biological Chemistry, 1999, 274, 11362-11368.	1.6	91