Irina Petrache

List of Publications by Year
in descending order

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134	7,227	57719	60583
papers	citations	44 h-index	81 g-index

135	135	135	11273
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Genetic ablation of Nrf2 enhances susceptibility to cigarette smokeâ€“induced emphysema in mice. Journal of Clinical Investigation, 2004, 114, 1248-1259.	3.9	535
2	Ceramide upregulation causes pulmonary cell apoptosis and emphysema-like disease in mice. Nature Medicine, 2005, 11, 491-498.	15.2	471
3	Pathogenesis of chronic obstructive pulmonary disease. Journal of Clinical Investigation, 2012, 122, 2749-2755.	3.9	383
4	The Role of the Microtubules in Tumor Necrosis Factor-Î±â€“Induced Endothelial Cell Permeability. American Journal of Respiratory Cell and Molecular Biology, 2003, 28, 574-581.	1.4	295
5	Î±-1 Antitrypsin Inhibits Caspase-3 Activity, Preventing Lung Endothelial Cell Apoptosis. American Journal of Pathology, 2006, 169, 1155-1166.	1.9	270
6	Rtp801, a suppressor of mTOR signaling, is an essential mediator of cigarette smokeâ€“induced pulmonary injury and emphysema. Nature Medicine, 2010, 16, 767-773.	15.2	209
7	Endothelial disruptive proinflammatory effects of nicotine and e-cigarette vapor exposures. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2015, 309, L175-L187.	1.3	206
8	A Novel Antiapoptotic Role for Î±1-Antitrypsin in the Prevention of Pulmonary Emphysema. American Journal of Respiratory and Critical Care Medicine, 2006, 173, 1222-1228.	2.5	196
9	Apoptosis and Emphysema. American Journal of Respiratory Cell and Molecular Biology, 2003, 28, 551-554.	1.4	178
10	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
11	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
12	17Î²-Estradiol Attenuates Hypoxic Pulmonary Hypertension via Estrogen Receptorâ€“mediated Effects. American Journal of Respiratory and Critical Care Medicine, 2012, 185, 965-980.	2.5	145
13	Plasma Sphingolipids Associated with Chronic Obstructive Pulmonary Disease Phenotypes. American Journal of Respiratory and Critical Care Medicine, 2015, 191, 275-284.	2.5	137
14	Progress in solving the sex hormone paradox in pulmonary hypertension. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2014, 307, L7-L26.	1.3	129
15	The Development and Maintenance of Paclitaxel-induced Neuropathic Pain Require Activation of the Sphingosine 1-Phosphate Receptor Subtype 1. Journal of Biological Chemistry, 2014, 289, 21082-21097.	1.6	123
16	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
17	Structural and functional characterization of endothelial microparticles released by cigarette smoke. Scientific Reports, 2016, 6, 31596.	1.6	112
18	Targeted Induction of Lung Endothelial Cell Apoptosis Causes Emphysema-like Changes in the Mouse. Journal of Biological Chemistry, 2008, 283, 29447-29460.	1.6	110

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19	Anti-Type V Collagen Humoral Immunity in Lung Transplant Primary Graft Dysfunction. Journal of Immunology, 2008, 181, 5738-5747.	0.4	105
20	Caspaseâ€dependent cleavage of myosin light chain kinase (MLCK) is involved in TNFâ€Î±â€mediated bovine pulmonary endothelial cell apoptosis. FASEB Journal, 2003, 17, 407-416.	0.2	96
21	Transforming Growth Factor Î²1 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
22	Tissue transglutaminase protects epithelial ovarian cancer cells from cisplatin-induced apoptosis by promoting cell survival signaling. Carcinogenesis, 2008, 29, 1893-1900.	1.3	88
23	Superoxide dismutase protects against apoptosis and alveolar enlargement induced by ceramide. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2008, 295, L44-L53.	1.3	86
24	Role of Lung Maintenance Program in the Heterogeneity of Lung Destruction in Emphysema. Proceedings of the American Thoracic Society, 2006, 3, 673-679.	3.5	85
25	Sphingolipid-mediated Inhibition of Apoptotic Cell Clearance by Alveolar Macrophages. Journal of Biological Chemistry, 2010, 285, 40322-40332.	1.6	76
26	Dihydroceramide-based Response to Hypoxia. Journal of Biological Chemistry, 2011, 286, 38069-38078.	1.6	71
27	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
28	Ceramide Synthases Expression and Role of Ceramide Synthase-2 in the Lung: Insight from Human Lung Cells and Mouse Models. PLoS ONE, 2013, 8, e62968.	1.1	69
29	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
30	Two-Photon Imaging within the Murine Thorax without Respiratory and Cardiac Motion Artifact. American Journal of Pathology, 2011, 179, 75-82.	1.9	66
31	Mechanism of Î±â€1 antitrypsin endocytosis by lung endothelium. FASEB Journal, 2009, 23, 3149-3158.	0.2	65
32	Periostin Regulates Goblet Cell Metaplasia in a Model of Allergic Airway Inflammation. Journal of Immunology, 2011, 186, 4959-4966.	0.4	64
33	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
34	Î±₁-Antitrypsin Modulates Lung Endothelial Cell Inflammatory Responses to TNF-Î±. American Journal of Respiratory Cell and Molecular Biology, 2013, 49, 143-150.	1.4	63
35	Metabolomics and transcriptomics pathway approach reveals outcome-specific perturbations in COPD. Scientific Reports, 2018, 8, 17132.	1.6	62
36	Apoptotic Sphingolipid Signaling by Ceramides in Lung Endothelial Cells. American Journal of Respiratory Cell and Molecular Biology, 2008, 38, 639-646.	1.4	61

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37	Central involvement of Rho family GTPases in TNF-Î±-mediated bovine pulmonary endothelial cell apoptosis. Biochemical and Biophysical Research Communications, 2003, 306, 244-249.	1.0	60
38	Lung endothelial monocyte-activating protein 2 is a mediator of cigarette smokeâ€“induced emphysema in mice. Journal of Clinical Investigation, 2011, 121, 2470-2479.	3.9	59
39	Sphingolipid regulation of lung epithelial cell mitophagy and necroptosis during cigarette smoke exposure. FASEB Journal, 2018, 32, 1880-1890.	0.2	59
40	Active Trafficking of Alpha 1 Antitrypsin across the Lung Endothelium. PLoS ONE, 2014, 9, e93979.	1.1	58
41	Safety and efficacy of alpha-1-antitrypsin augmentation therapy in the treatment of patients with alpha-1-antitrypsin deficiency. Biologics: Targets and Therapy, 2009, 3, 193.	3.0	58
42	High-intensity interval training, but not continuous training, reverses right ventricular hypertrophy and dysfunction in a rat model of pulmonary hypertension. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2017, 312, R197-R210.	0.9	57
43	Ceramide Signaling and Metabolism in Pathophysiological States of the Lung. Annual Review of Physiology, 2016, 78, 463-480.	5.6	55
44	MSPrepâ€”Summarization, normalization and diagnostics for processing of mass spectrometryâ€“based metabolomic data. Bioinformatics, 2014, 30, 133-134.	1.8	48
45	CFTR Regulation of Intracellular pH and Ceramides Is Required for Lung Endothelial Cell Apoptosis. American Journal of Respiratory Cell and Molecular Biology, 2009, 41, 314-323.	1.4	45
46	Effect of Cigarette Smoke Exposure and Structural Modifications on the Î±-1 Antitrypsin Interaction with Caspases. Molecular Medicine, 2012, 18, 445-454.	1.9	43
47	Cigarette Smoke Exposure Inhibits Contact Hypersensitivity via the Generation of Platelet-Activating Factor Agonists. Journal of Immunology, 2013, 190, 2447-2454.	0.4	41
48	Transient and Persistent Metabolomic Changes in Plasma following Chronic Cigarette Smoke Exposure in a Mouse Model. PLoS ONE, 2014, 9, e101855.	1.1	41
49	Smoking Exposure Induces Human Lung Endothelial Cell Adaptation to Apoptotic Stress. American Journal of Respiratory Cell and Molecular Biology, 2014, 50, 513-525.	1.4	39
50	Involvement of Ceramide in Cell Death Responses in the Pulmonary Circulation. Proceedings of the American Thoracic Society, 2011, 8, 492-496.	3.5	38
51	Influenza virus infection increases ACE2 expression and shedding in human small airway epithelial cells. European Respiratory Journal, 2021, 58, 2003988.	3.1	38
52	Space radiation-associated lung injury in a murine model. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2015, 308, L416-L428.	1.3	36
53	Type V Collagen-Induced Oral Tolerance Plus Low-Dose Cyclosporine Prevents Rejection of MHC Class I and II Incompatible Lung Allografts. Journal of Immunology, 2009, 183, 237-245.	0.4	35
54	HIV envelope protein gp120-induced apoptosis in lung microvascular endothelial cells by concerted upregulation of EMAP II and its receptor, CXCR3. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2014, 306, L372-L382.	1.3	35

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55	Cathepsin E Promotes Pulmonary Emphysema via Mitochondrial Fission. American Journal of Pathology, 2014, 184, 2730-2741.	1.9	35
56	Alpha-1 antitrypsin supplementation improves alveolar macrophages efferocytosis and phagocytosis following cigarette smoke exposure. PLoS ONE, 2017, 12, e0176073.	1.1	35
57	Pulmonary ischemia induces lung remodeling and angiogenesis. Journal of Applied Physiology, 2006, 100, 587-593.	1.2	34
58	Neonatal hyperoxic lung injury favorably alters adult right ventricular remodeling response to chronic hypoxia exposure. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2015, 308, L797-L806.	1.3	32
59	Bronchoalveolar Lavage Fluid from COPD Patients Reveals More Compounds Associated with Disease than Matched Plasma. Metabolites, 2019, 9, 157.	1.3	32
60	Impact of alginate-producing Pseudomonas aeruginosa on alveolar macrophage apoptotic cell clearance. Journal of Cystic Fibrosis, 2015, 14, 70-77.	0.3	31
61	Loss of Cystic Fibrosis Transmembrane Conductance Regulator Impairs Lung Endothelial Cell Barrier Function and Increases Susceptibility to Microvascular Damage from Cigarette Smoke. Pulmonary Circulation, 2014, 4, 260-268.	0.8	30
62	Nicotine-Free e-Cigarette Vapor Exposure Stimulates IL6 and Mucin Production in Human Primary Small Airway Epithelial Cells . Journal of Inflammation Research, 2020, Volume 13, 175-185.	1.6	30
63	Ceramide Causes Pulmonary Cell Apoptosis and Emphysema: A Role for Sphingolipid Homeostasis in the Maintenance of Alveolar Cells. Proceedings of the American Thoracic Society, 2006, 3, 510-510.	3.5	27
64	LC3 as a potential therapeutic target in hypoxia-induced pulmonary hypertension. Autophagy, 2012, 8, 1146-1147.	4.3	27
65	Inhibition of acid sphingomyelinase disrupts LYNUS signaling and triggers autophagy. Journal of Lipid Research, 2018, 59, 596-606.	2.0	27
66	Hypoxia Upregulates Estrogen Receptor Î² in Pulmonary Artery Endothelial Cells in a HIF-1Î±â€“Dependent Manner. American Journal of Respiratory Cell and Molecular Biology, 2018, 59, 114-126.	1.4	26
67	Overexpression of type VI collagen in neoplastic lung tissues. Oncology Reports, 2014, 32, 1897-1904.	1.2	25
68	RTP801 Is Required for Ceramide-Induced Cell-Specific Death in the Murine Lung. American Journal of Respiratory Cell and Molecular Biology, 2013, 48, 87-93.	1.4	24
69	Conditioned media from adipose stromal cells limit lipopolysaccharide-induced lung injury, endothelial hyperpermeability and apoptosis. Journal of Translational Medicine, 2015, 13, 67.	1.8	24
70	Human Adipose-Derived Stem Cells Ameliorate Cigarette Smoke-Induced Murine Myelosuppression via Secretion of TSG-6. Stem Cells, 2015, 33, 468-478.	1.4	24
71	Spinal ceramide and neuronal apoptosis in morphine antinociceptive tolerance. Neuroscience Letters, 2009, 463, 49-53.	1.0	22
72	The Involvement of Sphingolipids in Chronic Obstructive Pulmonary Diseases. Handbook of Experimental Pharmacology, 2013, , 247-264.	0.9	22

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73	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
74	Cigarette Smokeâ€“Induced CXCR3 Receptor Up-Regulation Mediates Endothelial Apoptosis. American Journal of Respiratory Cell and Molecular Biology, 2012, 47, 807-814.	1.4	21
75	Pulmonary Retention of Adipose Stromal Cells following Intravenous Delivery is Markedly Altered in the Presence of ARDS. Cell Transplantation, 2016, 25, 1635-1643.	1.2	21
76	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
77	In vivo knockdown of intersectin-1s alters endothelial cell phenotype and causes microvascular remodeling in the mouse lungs. Apoptosis: an International Journal on Programmed Cell Death, 2013, 18, 57-76.	2.2	19
78	Novel assessment of haemodynamic kinetics with acute exercise in a rat model of pulmonary arterial hypertension. Experimental Physiology, 2015, 100, 742-754.	0.9	19
79	Scavenger receptor class B, type I-mediated uptake of A1AT by pulmonary endothelial cells. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2015, 309, L425-L434.	1.3	19
80	Metabolomic similarities between bronchoalveolar lavage fluid and plasma in humans and mice. Scientific Reports, 2017, 7, 5108.	1.6	19
81	Gene and metabolite time-course response to cigarette smoking in mouse lung and plasma. PLoS ONE, 2017, 12, e0178281.	1.1	19
82	Rapid clearance of heavy chain-modified hyaluronan during resolving acute lung injury. Respiratory Research, 2018, 19, 107.	1.4	19
83	Mouse Models of COPD. Methods in Molecular Biology, 2018, 1809, 379-394.	0.4	19
84	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
85	Metabolomic Profiling Reveals Sex Specific Associations with Chronic Obstructive Pulmonary Disease and Emphysema. Metabolites, 2021, 11, 161.	1.3	19
86	Bioactive Sphingolipids in the Pathogenesis of Chronic Obstructive Pulmonary Disease. Annals of the American Thoracic Society, 2018, 15, S249-S252.	1.5	18
87	Cigarette smoke exposure impairs Î²-cell function through activation of oxidative stress and ceramide accumulation. Molecular Metabolism, 2020, 37, 100975.	3.0	18
88	Alpha-1 Antitrypsin and Lung Cell Apoptosis. Annals of the American Thoracic Society, 2016, 13 Suppl 2, S146-9.	1.5	18
89	Xeroderma Pigmentosum Group C Deficiency Alters Cigarette Smoke DNA Damage Cell Fate and Accelerates Emphysema Development. American Journal of Respiratory Cell and Molecular Biology, 2018, 58, 402-411.	1.4	16
90	Epithelial cellâ€“specific loss of function of Miz1 causes a spontaneous COPD-like phenotype and up-regulates Ace2 expression in mice. Science Advances, 2020, 6, eabb7238.	4.7	16

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91	Extracellular Superoxide Dismutase Regulates Early Vascular Hyaluronan Remodeling in Hypoxic Pulmonary Hypertension. Scientific Reports, 2020, 10, 280.	1.6	16
92	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
93	Alpha-1 Antitrypsin Investigations Using Animal Models of Emphysema. Annals of the American Thoracic Society, 2016, 13, S311-S316.	1.5	15
94	Cigarette Smoking Impairs Adipose Stromal Cell Vasculogenic Activity and Abrogates Potency to Ameliorate Ischemia. Stem Cells, 2018, 36, 856-867.	1.4	15
95	Ceramide and sphingosine-1 phosphate in COPD lungs. Thorax, 2021, 76, 821-825.	2.7	15
96	Impact of HIV infection on Î±₁-antitrypsin in the lung. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2018, 314, L583-L592.	1.3	14
97	Effects of Lipid Interactions on Model Vesicle Engulfment by Alveolar Macrophages. Biophysical Journal, 2014, 106, 598-609.	0.2	13
98	AMD3100 ameliorates cigarette smoke-induced emphysema-like manifestations in mice. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2018, 315, L382-L386.	1.3	13
99	Widespread activation of immunity and pro-inflammatory programs in peripheral blood leukocytes of HIV-infected patients with impaired lung gas exchange. Physiological Reports, 2016, 4, e12756.	0.7	12
100	A prototypic small molecule database for bronchoalveolar lavage-based metabolomics. Scientific Data, 2018, 5, 180060.	2.4	10
101	Molecular Multitasking in the Airspace. American Journal of Respiratory Cell and Molecular Biology, 2007, 37, 130-134.	1.4	9
102	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
103	A monoclonal rat anti-mouse EMAP II antibody that functionally neutralizes pro- and mature-EMAP II in vitro. Journal of Immunological Methods, 2009, 350, 22-28.	0.6	8
104	Selective Endothelinâ€A Receptor Blockade Attenuates Endotoxinâ€Induced Pulmonary Hypertension and Pulmonary vascular dysfunction. Pulmonary Circulation, 2014, 4, 300-310.	0.8	8
105	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
106	A Finale on EVALI?. JAMA Network Open, 2020, 3, e2019366.	2.8	8
107	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
108	Lectin Complement Pathway in Emphysema. American Journal of Respiratory and Critical Care Medicine, 2019, 199, 659-661.	2.5	7

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109	Oncostatin M and TNF-Î± Induce Alpha-1 Antitrypsin Production in Undifferentiated Adipose Stromal Cells. Stem Cells and Development, 2017, 26, 1468-1476.	1.1	6
110	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
111	Therapeutic benefits of recombinant alpha1-antitrypsin IgG1 Fc-fusion protein in experimental emphysema. Respiratory Research, 2021, 22, 207.	1.4	5
112	Intravascular heavy chain-modification of hyaluronan during endotoxic shock. Biochemistry and Biophysics Reports, 2019, 17, 114-121.	0.7	4
113	Optimization of combined measures of airway physiology and cardiovascular hemodynamics in mice. Pulmonary Circulation, 2020, 10, 1-11.	0.8	4
114	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
115	IGSF3 mutation identified in patient with severe COPD alters cell function and motility. JCI Insight, 2020, 5, .	2.3	4
116	Vertebral Erosion: An Uncommon Complication of Tracheal Tubes. American Journal of Respiratory and Critical Care Medicine, 2014, 190, e4-e4.	2.5	3
117	Cardiopulmonary Exercise Testing. JAMA - Journal of the American Medical Association, 2022, 327, 1284.	3.8	3
118	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
119	Lost in Trans-IL-6 Signaling: Alveolar Type II Cell Death in Emphysema. American Journal of Respiratory and Critical Care Medicine, 2016, 194, 1441-1443.	2.5	2
120	Mesenchymal Regulation of the Microvascular Niche in Chronic Lung Diseases. , 2019, 9, 1431-1441.		2
121	Impact of a Respiratory Disease Young Investigatorsâ€™ Forum on the Career Development of Physician-Scientists. ATS Scholar, 2020, 1, 243-259.	0.5	2
122	Characteristics and outcomes of ambulatory patients with suspected COVID-19 at a respiratory referral center. Respiratory Medicine, 2022, 197, 106832.	1.3	2
123	Lung endothelial monocyte-activating protein 2 is a mediator of cigarette smokeâ€“induced emphysema in mice. Journal of Clinical Investigation, 2012, 122, 2703-2703.	3.9	1
124	Dihydroceramide-based response to hypoxia.. Journal of Biological Chemistry, 2012, 287, 17425.	1.6	0
125	Acute Exacerbation and Systemic Comorbidities Modulate Circulating Microparticles in COPD Individuals. Chest, 2013, 144, 684A.	0.4	0
126	The Effect of Protocolized COPD Management on Lung Function: A Comparison Between Two Groups. Chest, 2014, 146, 543A.	0.4	0

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127	Exercise Does Not Attenuate Disease Progression in a Rat Model of Progressive Pulmonary Arterial Hypertension. Medicine and Science in Sports and Exercise, 2015, 47, 688.	0.2	0
128	Effect of Household Air Pollution Exposures on Respiratory Symptoms and Systemic Immunoregulatory Cytokines in HIV-Positive Individuals. Chest, 2017, 152, A821.	0.4	0
129	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
130	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
131	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
132	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
133	EMAP II Overexpression Induces Endothelial Apoptosis and Emphysema in Murine Lungs. FASEB Journal, 2008, 22, 47.8.	0.2	0
134	Cellâ€protective mechanisms of alpha 1 antitrypsin (A1AT) in the lung endothelium. FASEB Journal, 2009, 23, 1024.13.	0.2	0