James C Hogg

List of Publications by Year
in descending order

242 papers	26,177 citations	7551 77 h-index	6630 156 g-index
242 all docs	242 docs citations	242 times ranked	19483 citing authors

#	Article	IF	Citations
1	The Nature of Small-Airway Obstruction in Chronic Obstructive Pulmonary Disease. New England Journal of Medicine, 2004, 350, 2645-2653.	13.9	3,198
2	Site and Nature of Airway Obstruction in Chronic Obstructive Lung Disease. New England Journal of Medicine, 1968, 278, 1355-1360.	13.9	1,234
3	Pathophysiology of airflow limitation in chronic obstructive pulmonary disease. Lancet, The, 2004, 364, 709-721.	6.3	1,035
4	Small-Airway Obstruction and Emphysema in Chronic Obstructive Pulmonary Disease. New England Journal of Medicine, 2011, 365, 1567-1575.	13.9	951
5	Decreased Histone Deacetylase Activity in Chronic Obstructive Pulmonary Disease. New England Journal of Medicine, 2005, 352, 1967-1976.	13.9	892
6	The Mechanics of Airway Narrowing in Asthma. The American Review of Respiratory Disease, 1989, 139, 242-246.	2.9	787
7	The Pathology of Chronic Obstructive Pulmonary Disease. Annual Review of Pathology: Mechanisms of Disease, 2009, 4, 435-459.	9.6	593
8	Small Airways Dimensions in Asthma and in Chronic Obstructive Pulmonary Disease. The American Review of Respiratory Disease, 1993, 148, 1220-1225.	2.9	539
9	Particulate air pollution induces progression of atherosclerosis. Journal of the American College of Cardiology, 2002, 39, 935-942.	1.2	520
10	Inflammation of small airways in asthmaâ˜†â˜†â˜†â˜…â˜…â˜…. Journal of Allergy and Clinical Immunology, 1997, 100, 44-51.	1.5	497
11	The Lung Tissue Microbiome in Chronic Obstructive Pulmonary Disease. American Journal of Respiratory and Critical Care Medicine, 2012, 185, 1073-1080.	2.5	469
12	CT-Definable Subtypes of Chronic Obstructive Pulmonary Disease: A Statement of the Fleischner Society. Radiology, 2015, 277, 192-205.	3.6	423
13	The Prediction of Small Airway Dimensions Using Computed Tomography. American Journal of Respiratory and Critical Care Medicine, 2005, 171, 142-146.	2.5	368
14	Update on the Pathogenesis of Chronic Obstructive Pulmonary Disease. New England Journal of Medicine, 2019, 381, 1248-1256.	13.9	324
15	Targeting Phosphoinositide-3-Kinase-Î´ with Theophylline Reverses Corticosteroid Insensitivity in Chronic Obstructive Pulmonary Disease. American Journal of Respiratory and Critical Care Medicine, 2010, 182, 897-904.	2.5	321
16	Characterization of airway plugging in fatal asthma. American Journal of Medicine, 2003, 115, 6-11.	0.6	312
17	Comprehensive gene expression profiles reveal pathways related to the pathogenesis of chronic obstructive pulmonary disease. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 14895-14900.	3.3	310
18	Association between Functional Small Airway Disease and FEV₁ Decline in Chronic Obstructive Pulmonary Disease. American Journal of Respiratory and Critical Care Medicine, 2016, 194, 178-184.	2.5	292

#	Article	IF	Citations
19	The Effect of Cigarette Smoking on Neutrophil Kinetics in Human Lungs. New England Journal of Medicine, 1989, 321, 924-928.	13.9	277
20	The stability of peripheral airways. Respiration Physiology, 1970, 8, 191-203.	2.8	265
21	Lung eQTLs to Help Reveal the Molecular Underpinnings of Asthma. PLoS Genetics, 2012, 8, e1003029.	1.5	261
22	Latent Adenoviral Infection in the Pathogenesis of Chronic Airways Obstruction. The American Review of Respiratory Disease, 1992, 146, 177-184.	2.9	233
23	The Use of the Internal Perimeter to Compare Airway Size and to Calculate Smooth Muscle Shortening. The American Review of Respiratory Disease, 1988, 138, 136-139.	2.9	222
24	Particulate Matter Induces Cytokine Expression in Human Bronchial Epithelial Cells. American Journal of Respiratory Cell and Molecular Biology, 2001, 25, 265-271.	1.4	221
25	Small Airway Dimensions in Smokers with Obstruction to Airflow. The American Review of Respiratory Disease, 1990, 142, 563-570.	2.9	217
26	Leukocyte Traffic in the Lung. Annual Review of Physiology, 1995, 57, 97-114.	5.6	213
27	Small airways disease in mild and moderate chronic obstructive pulmonary disease: a cross-sectional study. Lancet Respiratory Medicine,the, 2018, 6, 591-602.	5.2	213
28	Glucocorticoid-Induced Granulocytosis. Circulation, 1998, 98, 2307-2313.	1.6	211
29	The Contribution of Small Airway Obstruction to the Pathogenesis of Chronic Obstructive Pulmonary Disease. Physiological Reviews, 2017, 97, 529-552.	13.1	206
30	Association of Chronic Obstructive Pulmonary Disease Severity andPneumocystisColonization. American Journal of Respiratory and Critical Care Medicine, 2004, 170, 408-413.	2.5	201
31	Host Response to the Lung Microbiome in Chronic Obstructive Pulmonary Disease. American Journal of Respiratory and Critical Care Medicine, 2015, 192, 438-445.	2.5	195
32	Reduction in airway hyperresponsiveness to methacholine by the application of RF energy in dogs. Journal of Applied Physiology, 2004, 97, 1946-1953.	1.2	192
33	Hyperpolarized3He diffusion MRI and histology in pulmonary emphysema. Magnetic Resonance in Medicine, 2006, 56, 1293-1300.	1.9	191
34	Survival after Lung Volume Reduction in Chronic Obstructive Pulmonary Disease. American Journal of Respiratory and Critical Care Medicine, 2007, 176, 454-459.	2.5	190
35	Characterization of the Inflammatory Reaction in the Peripheral Airways of Cigarette Smokers Using Immunocytochemistry. The American Review of Respiratory Disease, 1992, 145, 911-917.	2.9	188
36	Morphology of Peripheral Airways in Current Smokers and Ex-smokers^{1â€“}³. The American Review of Respiratory Disease, 1983, 127, 474-477.	2.9	179

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37	Contribution of Emphysema and Small Airways in COPD. Chest, 1996, 109, 353-359.	0.4	178
38	Interaction of Alveolar Macrophages and Airway Epithelial Cells Following Exposure to Particulate Matter Produces Mediators that Stimulate the Bone Marrow. American Journal of Respiratory Cell and Molecular Biology, 2002, 27, 34-41.	1.4	175
39	The Immunopathogenesis of Chronic Obstructive Pulmonary Disease: Insights from Recent Research. Proceedings of the American Thoracic Society, 2007, 4, 512-521.	3.5	162
40	Systemic Response to Ambient Particulate Matter: Relevance to Chronic Obstructive Pulmonary Disease. Proceedings of the American Thoracic Society, 2005, 2, 61-67.	3.5	153
41	Interleukin-6 induces demargination of intravascular neutrophils and shortens their transit in marrow. American Journal of Physiology - Heart and Circulatory Physiology, 2000, 279, H2954-H2960.	1.5	152
42	Total Airway Count on Computed Tomography and the Risk of Chronic Obstructive Pulmonary Disease Progression. Findings from a Population-based Study. American Journal of Respiratory and Critical Care Medicine, 2018, 197, 56-65.	2.5	147
43	The use of flow cytometry to measure neutrophil function. Journal of Immunological Methods, 1999, 232, 23-43.	0.6	143
44	A Dynamic Bronchial Airway Gene Expression Signature of Chronic Obstructive Pulmonary Disease and Lung Function Impairment. American Journal of Respiratory and Critical Care Medicine, 2013, 187, 933-942.	2.5	142
45	Emphysematous Lung Destruction by Cigarette Smoke. American Journal of Respiratory Cell and Molecular Biology, 2002, 26, 52-57.	1.4	141
46	Changes in the Bacterial Microbiota in Gut, Blood, and Lungs following Acute LPS Instillation into Mice Lungs. PLoS ONE, 2014, 9, e111228.	1.1	141
47	Role of Latent Viral Infections in Chronic Obstructive Pulmonary Disease and Asthma. American Journal of Respiratory and Critical Care Medicine, 2001, 164, S71-S75.	2.5	139
48	Quantification of lung microstructure with hyperpolarized 3He diffusion MRI. Journal of Applied Physiology, 2009, 107, 1258-1265.	1.2	139
49	Increased number of glucocorticoid receptor-Î²â€“expressing cells in the airways in fatal asthma. Journal of Allergy and Clinical Immunology, 2000, 106, 479-484.	1.5	137
50	Differential Expression of Tissue Repair Genes in the Pathogenesis of Chronic Obstructive Pulmonary Disease. American Journal of Respiratory and Critical Care Medicine, 2010, 181, 1329-1335.	2.5	130
51	The resistance of collateral channels in excised human lungs. Journal of Clinical Investigation, 1969, 48, 421-431.	3.9	130
52	Alveolar macrophage-epithelial cell interaction following exposure to atmospheric particles induces the release of mediators involved in monocyte mobilization and recruitment. Respiratory Research, 2005, 6, 87.	1.4	127
53	The Effects of Radiation Dose and CT Manufacturer on Measurements of Lung Densitometry. Chest, 2007, 132, 617-623.	0.4	123
54	Small Airway Obstruction in COPD. Chest, 2013, 143, 1436-1443.	0.4	119

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55	Limited Contribution of Emphysema in Advanced Chronic Obstructive Pulmonary Disease. The American Review of Respiratory Disease, 1993, 147, 1157-1161.	2.9	118
56	SYSTEMIC INFLAMMATORY RESPONSE INDUCED BY PARTICULATE MATTER AIR POLLUTION: THE IMPORTANCE OF BONE-MARROW STIMULATION. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2002, 65, 1597-1613.	1.1	116
57	Effects of CT Section Thickness and Reconstruction Kernel on Emphysema Quantification. Academic Radiology, 2010, 17, 146-156.	1.3	115
58	Eotaxin and monocyte chemotactic protein-4 mRNA expression in small airways of asthmatic and nonasthmatic individuals. Journal of Allergy and Clinical Immunology, 1999, 103, 476-483.	1.5	113
59	Transcriptional regulatory model of fibrosis progression in the human lung. JCI Insight, 2019, 4, .	2.3	113
60	Molecular Signature of Smoking in Human Lung Tissues. Cancer Research, 2012, 72, 3753-3763.	0.4	111
61	Noninvasive Imaging Biomarker Identifies Small Airway Damage in Severe Chronic Obstructive Pulmonary Disease. American Journal of Respiratory and Critical Care Medicine, 2019, 200, 575-581.	2.5	110
62	Particulate Matter Air Pollution Stimulates Monocyte Release from the Bone Marrow. American Journal of Respiratory and Critical Care Medicine, 2004, 170, 891-897.	2.5	100
63	Circulating hematopoietic progenitor cells in runners. Journal of Applied Physiology, 2002, 93, 1691-1697.	1.2	98
64	PersistentPneumocystisColonization Leads to the Development of Chronic Obstructive Pulmonary Disease in a Nonhuman Primate Model of AIDS. Journal of Infectious Diseases, 2010, 202, 302-312.	1.9	97
65	The Role of Chest Computed Tomography in the Evaluation and Management of the Patient with Chronic Obstructive Pulmonary Disease. American Journal of Respiratory and Critical Care Medicine, 2017, 196, 1372-1379.	2.5	97
66	Detection of Epstein-Barr Virus in Lymphocytic Interstitial Pneumonia byIn SituHybridization. The American Review of Respiratory Disease, 1992, 145, 940-946.	2.9	96
67	A gene expression signature of emphysema-related lung destruction and its reversal by the tripeptide GHK. Genome Medicine, 2012, 4, 67.	3.6	94
68	Pulmonary and systemic response to atmospheric pollution. Respirology, 2009, 14, 336-346.	1.3	92
69	Contribution of IL-1Î² and TNF-Î± to the initiation of the peripheral lung response to atmospheric particulates (PM10). American Journal of Physiology - Lung Cellular and Molecular Physiology, 2004, 287, L176-L183.	1.3	92
70	Nitric Oxide Synthase Isoenzyme Expression and Activity in Peripheral Lung Tissue of Patients with Chronic Obstructive Pulmonary Disease. American Journal of Respiratory and Critical Care Medicine, 2010, 181, 21-30.	2.5	91
71	The pathology of asthma. Apmis, 1997, 105, 735-745.	0.9	90
72	Polymorphonuclear Leukocytes Released from the Bone Marrow Preferentially Sequester in Lung Microvessels. Microcirculation, 1997, 4, 369-380.	1.0	89

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73	Release of Polymorphonuclear Leukocytes From the Bone Marrow by Interleukin-8. Blood, 1998, 92, 1062-1069.	0.6	89
74	Obliterative bronchiolitis in two rheumatoid arthritis patients treated with penicillamine. Arthritis and Rheumatism, 1981, 24, 557-560.	6.7	84
75	Nonspecific Airway Reactivity in Cigarette Smokers. The American Review of Respiratory Disease, 1986, 133, 120-125.	2.9	84
76	Preoperative Severity of Emphysema Predictive of Improvement After Lung Volume Reduction Surgery. Chest, 2000, 118, 1240-1247.	0.4	83
77	The Site and Nature of Airway Obstruction after Lung Transplantation. American Journal of Respiratory and Critical Care Medicine, 2014, 189, 292-300.	2.5	83
78	Bacterial microbiome of lungs in COPD. International Journal of COPD, 2014, 9, 229.	0.9	81
79	Particulate matter air pollution exposure promotes recruitment of monocytes into atherosclerotic plaques. American Journal of Physiology - Heart and Circulatory Physiology, 2008, 294, H944-H953.	1.5	80
80	The Effect of Glucocorticoids on the Expression of L-Selectin on Polymorphonuclear Leukocyte. Blood, 1999, 93, 2730-2737.	0.6	77
81	Cigarette Smoking Causes Sequestration of Polymorphonuclear Leukocytes Released from the Bone Marrow in Lung Microvessels. American Journal of Respiratory Cell and Molecular Biology, 1999, 20, 171-177.	1.4	76
82	Small airways pathology in idiopathic pulmonary fibrosis: a retrospective cohort study. Lancet Respiratory Medicine,the, 2020, 8, 573-584.	5.2	70
83	Phagocytosis of particulate air pollutants by human alveolar macrophages stimulates the bone marrow. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2000, 279, L924-L931.	1.3	69
84	Adenovirus infections and lung disease. Current Opinion in Pharmacology, 2007, 7, 237-243.	1.7	69
85	Adenoviral E1A primes alveolar epithelial cells to PM₁₀-induced transcription of interleukin-8. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2001, 281, L598-L606.	1.3	68
86	Long-range diffusion of hyperpolarized 3He in explanted normal and emphysematous human lungs via magnetization tagging. Journal of Applied Physiology, 2005, 99, 1992-1997.	1.2	67
87	Analysis of airway pathology in COPD using a combination of computed tomography, micro-computed tomography and histology. European Respiratory Journal, 2018, 51, 1701245.	3.1	67
88	Refining Susceptibility Loci of Chronic Obstructive Pulmonary Disease with Lung eqtls. PLoS ONE, 2013, 8, e70220.	1.1	66
89	Molecular mechanisms underlying variations in lung function: a systems genetics analysis. Lancet Respiratory Medicine,the, 2015, 3, 782-795.	5.2	66
90	Gene correlation network analysis to identify regulatory factors in idiopathic pulmonary fibrosis. Thorax, 2019, 74, 132-140.	2.7	66

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91	Findings on Thoracic Computed Tomography Scans and Respiratory Outcomes in Persons with and without Chronic Obstructive Pulmonary Disease: A Population-Based Cohort Study. PLoS ONE, 2016, 11, e0166745.	1.1	63
92	miR-638 regulates gene expression networks associated with emphysematous lung destruction. Genome Medicine, 2013, 5, 114.	3.6	62
93	Thin-Section CT Features of Idiopathic Pulmonary Fibrosis Correlated with Micro-CT and Histologic Analysis. Radiology, 2017, 283, 252-263.	3.6	60
94	The Association Between Small Airway Obstruction and Emphysema Phenotypes in COPD. Chest, 2007, 131, 1372-1378.	0.4	57
95	What Drives the Peripheral Lung-Remodeling Process in Chronic Obstructive Pulmonary Disease?. Proceedings of the American Thoracic Society, 2009, 6, 668-672.	3.5	57
96	A Comparison between Droplet Digital and Quantitative PCR in the Analysis of Bacterial 16S Load in Lung Tissue Samples from Control and COPD GOLD 2. PLoS ONE, 2014, 9, e110351.	1.1	57
97	Three Dimensional Imaging of Paraffin Embedded Human Lung Tissue Samples by Micro-Computed Tomography. PLoS ONE, 2015, 10, e0126230.	1.1	56
98	The Pathology of Asthma. Clinics in Chest Medicine, 1984, 5, 567-571.	0.8	56
99	Exposure to ambient particles accelerates monocyte release from bone marrow in atherosclerotic rabbits. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2004, 287, L79-L85.	1.3	55
100	Expression of the cell adhesion molecules on leukocytes that demarginate during acute maximal exercise. Journal of Applied Physiology, 1999, 86, 970-976.	1.2	54
101	The Relationship Between Respiratory Viral Loads and Diagnosis in Children Presenting to a Pediatric Hospital Emergency Department. Pediatric Infectious Disease Journal, 2011, 30, e18-e23.	1.1	54
102	Mast Cell Infiltration Discriminates between Histopathological Phenotypes of Chronic Obstructive Pulmonary Disease. American Journal of Respiratory and Critical Care Medicine, 2012, 186, 233-239.	2.5	54
103	Morphometric Analysis of Explant Lungs in Cystic Fibrosis. American Journal of Respiratory and Critical Care Medicine, 2016, 193, 516-526.	2.5	54
104	Activation of Neutrophils within Pulmonary Microvessels of Rabbits Exposed to Cigarette Smoke. American Journal of Respiratory Cell and Molecular Biology, 1993, 9, 82-89.	1.4	53
105	Inflammatory Mediator mRNA Expression by Adenovirus E1A-Transfected Bronchial Epithelial Cells. American Journal of Respiratory and Critical Care Medicine, 2002, 166, 200-207.	2.5	53
106	The cellular and molecular determinants of emphysematous destruction in COPD. Scientific Reports, 2017, 7, 9562.	1.6	53
107	Microâ€“Computed Tomography Comparison of Preterminal Bronchioles in Centrilobular and Panlobular Emphysema. American Journal of Respiratory and Critical Care Medicine, 2017, 195, 630-638.	2.5	53
108	Linking clinical phenotypes of chronic lung allograft dysfunction to changes in lung structure. European Respiratory Journal, 2015, 46, 1430-1439.	3.1	52

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109	A Novel Method of Estimating Small Airway Disease Using Inspiratory-to-Expiratory Computed Tomography. Respiration, 2017, 94, 336-345.	1.2	52
110	Complement Fragment-Induced Release of Neutrophils From Bone Marrow and Sequestration Within Pulmonary Capillaries in Rabbits. Blood, 1998, 92, 283-290.	0.6	50
111	Latent adenoviral infection modifies the steroid response in allergic lung inflammation. Journal of Allergy and Clinical Immunology, 2000, 106, 844-851.	1.5	50
112	Inhibition of Marfan Syndrome Aortic Root Dilation by Losartan. American Journal of Pathology, 2018, 188, 574-585.	1.9	50
113	In vivo lung morphometry with hyperpolarized 3He diffusion MRI in canines with induced emphysema: disease progression and comparison with computed tomography. Journal of Applied Physiology, 2007, 102, 477-484.	1.2	49
114	A novel method to quantify the turnover and release of monocytes from the bone marrow using the thymidine analog 5â€²-bromo-2â€²-deoxyuridine. American Journal of Physiology - Cell Physiology, 2003, 285, C253-C259.	2.1	47
115	Micro-Computed Tomography Measurements of Peripheral Lung Pathology in Chronic Obstructive Pulmonary Disease. Proceedings of the American Thoracic Society, 2009, 6, 546-549.	3.5	47
116	The aging lung: tissue telomere shortening in health and disease. Respiratory Research, 2018, 19, 95.	1.4	46
117	Bacteremic pneumococccal pneumonia. Critical Care Medicine, 1998, 26, 501-509.	0.4	44
118	Small airway loss in the physiologically ageing lung: a cross-sectional study in unused donor lungs. Lancet Respiratory Medicine,the, 2021, 9, 167-174.	5.2	41
119	Identifying Smokers at Risk for Developing Airway Obstruction. Chest, 1998, 114, 355.	0.4	40
120	Endothelin-1 Changes Polymorphonuclear Leukocytes' Deformability and CD11b Expression and Promotes Their Retention in the Lung. American Journal of Respiratory Cell and Molecular Biology, 2000, 23, 404-410.	1.4	39
121	Nondestructive cryomicro-CT imaging enables structural and molecular analysis of human lung tissue. Journal of Applied Physiology, 2017, 122, 161-169.	1.2	39
122	Effect of mechanical deformation on structure and function of polymorphonuclear leukocytes. Journal of Applied Physiology, 1997, 82, 1397-1405.	1.2	38
123	Monocyte Recruitment into the Lungs in Pneumococcal Pneumonia. American Journal of Respiratory Cell and Molecular Biology, 2004, 30, 620-626.	1.4	38
124	Impact of Cigarette Smoke on the Human and Mouse Lungs: A Gene-Expression Comparison Study. PLoS ONE, 2014, 9, e92498.	1.1	37
125	A gene expression signature of emphysematous lung destruction and its reversal by the tripeptide GHK. Genome Medicine, 2012, 4, 67.	3.6	37
126	Evidence for Inflammation in Asthma. The American Review of Respiratory Disease, 1991, 143, S39-S42.	2.9	36

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127	Functional Changes in Aging Polymorphonuclear Leukocytes. Circulation, 1998, 97, 91-98.	1.6	36
128	Chronic Obstructive Pulmonary Disease: An Overview of Pathology and Pathogenesis. Novartis Foundation Symposium, 2008, 234, 4-26.	1.2	35
129	BAL Induces an Increase in Peripheral Blood Neutrophils and Cytokine Levels in Healthy Volunteers and Patients With Pneumonia. Chest, 2001, 119, 1724-1729.	0.4	34
130	Molecular mechanisms of decreased steroid responsiveness induced by latent adenoviral infection in allergic lung inflammation. Journal of Allergy and Clinical Immunology, 2002, 109, 35-42.	1.5	34
131	Latent adenoviral infection induces production of growth factors relevant to airway remodeling in COPD. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2004, 286, L189-L197.	1.3	34
132	The effect of interleukin-6 on L-selectin levels on polymorphonuclear leukocytes. American Journal of Physiology - Heart and Circulatory Physiology, 2002, 283, H879-H884.	1.5	33
133	The effects of marijuana smoking on lung function in older people. European Respiratory Journal, 2019, 54, 1900826.	3.1	32
134	A role for telomere length and chromosomal damage in idiopathic pulmonary fibrosis. Respiratory Research, 2018, 19, 132.	1.4	31
135	Comprehensive stereological assessment of the human lung using multiresolution computed tomography. Journal of Applied Physiology, 2020, 128, 1604-1616.	1.2	31
136	Small Airway Reduction and Fibrosis Is an Early Pathologic Feature of Idiopathic Pulmonary Fibrosis. American Journal of Respiratory and Critical Care Medicine, 2021, 204, 1048-1059.	2.5	31
137	L-selectin expression on polymorphonuclear leukocytes and monocytes in premature infants: Reduced expression after dexamethasone treatment for bronchopulmonary dysplasia. Journal of Pediatrics, 1998, 132, 53-56.	0.9	30
138	Genetic regulation of gene expression in the lung identifiesCST3andCD22as potential causal genes for airflow obstruction. Thorax, 2014, 69, 997-1004.	2.7	30
139	A possible role for <scp>CD</scp>8⁺ and nonâ€<scp>CD</scp>8⁺ cell granzyme <scp>B</scp> in early small airway wall remodelling in centrilobular emphysema. Respirology, 2013, 18, 688-696.	1.3	29
140	High eosinophil counts predict decline in FEV₁: results from the CanCOLD study. European Respiratory Journal, 2021, 57, 2000838.	3.1	29
141	Polymorphonuclear Leukocytes Released From the Bone Marrow and Acute Lung Injury. Chest, 1999, 116, 43S-46S.	0.4	28
142	Integrative Genomics of Emphysema-Associated Genes Reveals Potential Disease Biomarkers. American Journal of Respiratory Cell and Molecular Biology, 2017, 57, 411-418.	1.4	28
143	PCR Detection of Viral Nucleic Acid in Fatal Asthma: Is the Lower Respiratory Tract a Reservoir for Common Viruses?. Canadian Respiratory Journal, 1999, 6, 37-43.	0.8	27
144	Pathological Comparisons of Paraseptal and Centrilobular Emphysema in Chronic Obstructive Pulmonary Disease. American Journal of Respiratory and Critical Care Medicine, 2020, 202, 803-811.	2.5	27

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145	A Lung Tissue Bank for Gene Expression Studies in Chronic Obstructive Pulmonary Disease. COPD: Journal of Chronic Obstructive Pulmonary Disease, 2004, 1, 191-204.	0.7	26
146	Computed Tomography Total Airway Count Is Associated with the Number of Microâ€“Computed Tomography Terminal Bronchioles. American Journal of Respiratory and Critical Care Medicine, 2020, 201, 613-615.	2.5	26
147	Calcium dependent and independent cytokine synthesis by air pollution particle-exposed human bronchial epithelial cells. Toxicology and Applied Pharmacology, 2007, 225, 134-141.	1.3	24
148	Isoflurane Regulates Atypical Type-A Î³-Aminobutyric Acid Receptors in Alveolar Type II Epithelial Cells. Anesthesiology, 2013, 118, 1065-1075.	1.3	24
149	Regional differences in alveolar density in the human lung are related to lung height. Journal of Applied Physiology, 2015, 118, 1429-1434.	1.2	24
150	Ambient Air Pollution and Dysanapsis: Associations with Lung Function and Chronic Obstructive Pulmonary Disease in the Canadian Cohort Obstructive Lung Disease Study. American Journal of Respiratory and Critical Care Medicine, 2022, 206, 44-55.	2.5	24
151	Quantification of lung surface area using computed tomography. Respiratory Research, 2010, 11, 153.	1.4	23
152	Polymorphonuclear leukocytes released from the bone marrow by granulocyte colony-stimulating factor: intravascular behavior. The Hematology Journal, 2000, 1, 159-171.	2.0	23
153	Persistent and Latent Viral Infections in the Pathology of Asthma. The American Review of Respiratory Disease, 1992, 145, S7-S9.	2.9	22
154	AMBIENT AIR PARTICULATES STIMULATE ALVEOLAR MACROPHAGES OF SMOKERS TO PROMOTE DIFFERENTIATION OF MYELOID PRECURSOR CELLS. Experimental Lung Research, 2002, 28, 1-18.	0.5	22
155	Use of CT Morphometry To Detect Changes in Lung Weight and Gas Volume. Chest, 2005, 128, 2471-2477.	0.4	22
156	Patterns of Retention of Particulate Matter in Lung Tissues of Patients With COPD. Chest, 2011, 140, 1540-1549.	0.4	21
157	Respiratory Viral Detection and Small Airway Inflammation in Lung Tissue of Patients with Stable, Mild COPD. COPD: Journal of Chronic Obstructive Pulmonary Disease, 2014, 11, 197-203.	0.7	21
158	Pathology of Idiopathic Pulmonary Fibrosis Assessed by a Combination of Microcomputed Tomography, Histology, and Immunohistochemistry. American Journal of Pathology, 2020, 190, 2427-2435.	1.9	21
159	Effect of Atorvastatin on PM10-induced Cytokine Production by Human Alveolar Macrophages and Bronchial Epithelial Cells. International Journal of Toxicology, 2009, 28, 17-23.	0.6	20
160	Adenoviral E1A modulates inflammatory mediator expression by lung epithelial cells exposed to PM₁₀. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2003, 284, L290-L297.	1.3	19
161	CCL23/myeloid progenitor inhibitory factor-1 inhibits production and release of polymorphonuclear leukocytes and monocytes from the bone marrow. Experimental Hematology, 2005, 33, 1101-1108.	0.2	19
162	State of the Art. Bronchiolitis in Chronic Obstructive Pulmonary Disease. Proceedings of the American Thoracic Society, 2006, 3, 489-493.	3.5	19

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163	Transpleural ventilation of explanted human lungs. Thorax, 2007, 62, 623-630.	2.7	19
164	The Disruption of the Epithelial Mesenchymal Trophic Unit in COPD. COPD: Journal of Chronic Obstructive Pulmonary Disease, 2009, 6, 421-431.	0.7	19
165	Cryo-imaging of Inflated Frozen Human Lung Sections at -60Â°C using Multiphoton and Harmonic Generation Microscopy. Microscopy and Microanalysis, 2014, 20, 1348-1349.	0.2	19
166	Impaired Ventilatory Efficiency, Dyspnea, and Exercise Intolerance in Chronic Obstructive Pulmonary Disease: Results from the CanCOLD Study. American Journal of Respiratory and Critical Care Medicine, 2022, 205, 1391-1402.	2.5	19
167	Neutrophil Activation and Lung Injury Associated with Chronic Endotoxemia in Rabbits. Experimental Lung Research, 1996, 22, 449-463.	0.5	18
168	Pulmonary sequestration of polymorphonuclear leukocytes released from bone marrow in bacteremic infection. American Journal of Physiology - Lung Cellular and Molecular Physiology, 1998, 275, L255-L261.	1.3	18
169	Susceptibility loci for lung cancer are associated with mRNA levels of nearby genes in the lung. Carcinogenesis, 2014, 35, 2653-2659.	1.3	18
170	BRONCHIOLITIS IN ASTHMA AND CHRONIC OBSTRUCTIVE PULMONARY DISEASE. Clinics in Chest Medicine, 1993, 14, 733-740.	0.8	18
171	Genes related to emphysema are enriched for ubiquitination pathways. BMC Pulmonary Medicine, 2014, 14, 187.	0.8	17
172	Gas Exchange and Pulmonary Hypertension following Acute Pulmonary Thromboembolism: Has the Emperor Got Some New Clothes Yet?. Pulmonary Circulation, 2014, 4, 220-236.	0.8	17
173	The molecular and cellular mechanisms associated with the destruction of terminal bronchioles in COPD. European Respiratory Journal, 2022, 59, 2101411.	3.1	17
174	Lung Microenvironments and Disease Progression in Fibrotic Hypersensitivity Pneumonitis. American Journal of Respiratory and Critical Care Medicine, 2022, 205, 60-74.	2.5	17
175	Leukocyte activation does not mediate myocardial leukocyte retention during endotoxemia in rabbits. American Journal of Physiology - Heart and Circulatory Physiology, 1998, 275, H1548-H1557.	1.5	16
176	Sex differences in lymphoid follicles in COPD airways. Respiratory Research, 2020, 21, 46.	1.4	16
177	The Prevalence of Chronic Obstructive Pulmonary Disease (COPD) and the Heterogeneity of Risk Factors in the Canadian Population: Results from the Canadian Obstructive Lung Disease (COLD) Study. International Journal of COPD, 2021, Volume 16, 305-320.	0.9	16
178	The transition from normal lung anatomy to minimal and established fibrosis in idiopathic pulmonary fibrosis (IPF). EBioMedicine, 2021, 66, 103325.	2.7	16
179	Effect of mechanical deformation of neutrophils on their CD18/ICAM-1-dependent adhesion. Journal of Applied Physiology, 2001, 91, 1084-1090.	1.2	15
180	A Pathologistâ€™s View of Airway Obstruction in Chronic Obstructive Pulmonary Disease. American Journal of Respiratory and Critical Care Medicine, 2012, 186, v-vii.	2.5	15

#	Article	IF	Citations
181	Activation-associated changes in blood and bone marrow neutrophils. Journal of Leukocyte Biology, 1997, 62, 186-194.	1.5	14
182	Ultrastructural changes in atherosclerotic plaques following the instillation of airborne particulate matter into the lungs of rabbits. Canadian Journal of Cardiology, 2010, 26, e258-e269.	0.8	14
183	Loss of GD1-positive Lactobacillus correlates with inflammation in human lungs with COPD. BMJ Open, 2015, 5, e006677-e006677.	0.8	14
184	Airflow obstruction is associated with increased smooth muscle extracellular matrix. European Respiratory Journal, 2016, 47, 1855-1857.	3.1	14
185	Structure and Function Relationships in Diseases of the Small Airways. Annals of the American Thoracic Society, 2018, 15, S18-S25.	1.5	14
186	Central Airway Tree Dysanapsis Extends to the Peripheral Airways. American Journal of Respiratory and Critical Care Medicine, 2021, 203, 378-381.	2.5	14
187	Computed tomography total airway count predicts progression to COPD in at-risk smokers. ERJ Open Research, 2021, 7, 00307-2021.	1.1	14
188	Second harmonic generation microscopy differentiates collagen type I and type III in diseased lung tissues. Proceedings of SPIE, 2012, , .	0.8	13
189	Immune-Modulation in Chronic Obstructive Pulmonary Disease: Current Concepts and Future Strategies. Respiration, 2020, 99, 550-565.	1.2	13
190	Mian: interactive web-based microbiome data table visualization and machine learning platform. Bioinformatics, 2022, 38, 1176-1178.	1.8	13
191	Varieties of airway narrowing in severe and fatal asthma. Journal of Allergy and Clinical Immunology, 1987, 80, 417-419.	1.5	12
192	A CANINE MODEL FOR PRODUCTION OF SEVERE UNILATERAL PANACINAR EMPHYSEMA. Experimental Lung Research, 2004, 30, 319-332.	0.5	12
193	Role of genetic susceptibility to latent adenoviral infection and decreased lung function. Respiratory Medicine, 2009, 103, 1672-1680.	1.3	12
194	A Brief Review of Chronic Obstructive Pulmonary Disease. Canadian Respiratory Journal, 2012, 19, 381-384.	0.8	12
195	The contribution of airway structure to early childhood asthma. Medical Journal of Australia, 2002, 177, S45.	0.8	11
196	Adenovirus E1A regulates lung epithelial ICAM-1 expression by interacting with transcriptional regulators at its promoter. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2009, 296, L361-L371.	1.3	11
197	Airway morphometry in COPD with bronchiectasis: a view on all airway generations. European Respiratory Journal, 2019, 54, 1802166.	3.1	11
198	Spatial Dependence of CT Emphysema in Chronic Obstructive Pulmonary Disease Quantified by Using Join-Count Statistics. Radiology, 2021, 301, 702-709.	3.6	11

#	Article	IF	Citations
199	Asthma Mortality in Canada, 1946 to 1990. Canadian Respiratory Journal, 1995, 2, 61-66.	0.8	10
200	Sildenafil Prevents Marfan-Associated Emphysema and Early Pulmonary Artery Dilation in Mice. American Journal of Pathology, 2019, 189, 1536-1546.	1.9	10
201	The Effects of Cigarette Smoking on Pulmonary Hemodynamics. Chest, 1993, 103, 1166-1172.	0.4	9
202	A stimulating treatment for emphysema. Nature Medicine, 1997, 3, 603-604.	15.2	9
203	Relationship between Pathologic Characteristics of Peripheral Airways and Outcome after Lung Volume Reduction Surgery in Severe Chronic Obstructive Pulmonary Disease. Proceedings of the American Thoracic Society, 2006, 3, 533a-534.	3.5	9
204	Sequestration and homing of bone marrow-derived lineage negative progenitor cells in the lung during pneumococcal pneumonia. Respiratory Research, 2008, 9, 25.	1.4	9
205	Flow cytometric analysis of defensins in blood and marrow neutrophils. European Journal of Haematology, 2000, 64, 114-120.	1.1	8
206	The effect of smoking cessation and steroid treatment on emphysema in guinea pigs. Respiratory Medicine, 2007, 101, 2327-2335.	1.3	8
207	Evaluation of Small Sample cDNA Amplification for Microdissected Airway Expression Profiling in COPD. COPD: Journal of Chronic Obstructive Pulmonary Disease, 2007, 4, 91-105.	0.7	8
208	Response of the lung to inhaled particles. Medical Journal of Australia, 1985, 142, 675-678.	0.8	8
209	6. Airway Behavior and Its Regulation: How Do Structural Changes Affect Airway Behavior?. American Journal of Respiratory and Critical Care Medicine, 1996, 153, S16-S18.	2.5	7
210	The nature of leukocyte shape changes in the pulmonary capillaries. American Journal of Physiology - Lung Cellular and Molecular Physiology, 1997, 273, L733-L740.	1.3	7
211	Latent Adenoviral Infection in the Pathogenesis of Emphysema. Chest, 2000, 117, 282S-285S.	0.4	7
212	FAM13A as potential therapeutic target in modulating TGF-Î²-induced airway tissue remodeling in COPD. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2021, 321, L377-L391.	1.3	7
213	Viral Infection and Exacerbations of Chronic Obstructive Pulmonary Disease. American Journal of Respiratory and Critical Care Medicine, 2001, 164, 1555-1556.	2.5	6
214	The Prevalence of Common Respiratory Viruses in Human Lungs. , 1998, , 321-333.		6
215	Release of Polymorphonuclear Leukocytes From the Bone Marrow by Interleukin-8. Blood, 1998, 92, 1062-1069.	0.6	6
216	The Role of Granzyme B Containing Cells in the Progression of Chronic Obstructive Pulmonary Disease. Tuberculosis and Respiratory Diseases, 2020, 83, S25-S33.	0.7	6

#	Article	IF	Citations
217	Airways disease: evolution, pathology, and recognition. Medical Journal of Australia, 1985, 142, 605-607.	0.8	6
218	Diagnosis of cytomegalovirus infection in HIV-infected patients with respiratory disease. Clinical and Diagnostic Virology, 1998, 10, 1-7.	1.8	5
219	Simulation of Airflow in an Idealized Emphysematous Human Acinus. Journal of Biomechanical Engineering, 2018, 140, .	0.6	5
220	The Adenovirus and Bronchopulmonary Dysplasia: An Association That Could Be Causal or Coincidental: Commentary on the article by Couroucli et al. on page 225. Pediatric Research, 2000, 47, 175-175.	1.1	5
221	Identification of Glucocorticoid- and Adenovirus E1A-regulated Genes in Lung Epithelial Cells by Differential Display. American Journal of Respiratory Cell and Molecular Biology, 1998, 18, 243-254.	1.4	4
222	Flow cytometric method for enumeration and characterization of newly released polymorphonuclear leukocytes from the bone marrow using 5â€²-bromo-2â€²-deoxyuridine. American Journal of Physiology - Cell Physiology, 2005, 289, C757-C765.	2.1	4
223	Reply: The Lung Immune Response to Bacteria in Chronic Obstructive Pulmonary Disease. American Journal of Respiratory and Critical Care Medicine, 2015, 192, 903-904.	2.5	4
224	Dysanapsis and the Spirometric Response to Inhaled Bronchodilators. American Journal of Respiratory and Critical Care Medicine, 2021, 204, 997-1001.	2.5	4
225	Host Response to the Lung Microbiome in Lung Tissue Undergoing Emphysematous Destruction. Annals of the American Thoracic Society, 2014, 11, S77-S77.	1.5	3
226	Reply to Janssen and Wouters: Loss of Alveolar Attachments as a Pathomechanistic Link between Small Airway Disease and Emphysema. American Journal of Respiratory and Critical Care Medicine, 2020, 201, 879-880.	2.5	3
227	Normal Routine Spirometry Can Mask COPD/Emphysema in Symptomatic Smokers. Chronic Obstructive Pulmonary Diseases (Miami, Fla), 2021, 8, 124-134.	0.5	3
228	The Effect of Glucocorticoids on the Expression of L-Selectin on Polymorphonuclear Leukocyte. Blood, 1999, 93, 2730-2737.	0.6	3
229	Sites and mechanisms of airway obstruction in copd. Postgraduate Medicine, 1973, 54, 89-95.	0.9	2
230	Investigation of the Role of the Cytomegalovirus as a Respiratory Pathogen in HIV-Infected Patients. Canadian Respiratory Journal, 1996, 3, 235-240.	0.8	2
231	Airway Pathology. , 2002, , 57-I.		2
232	The influence of reconstruction algorithm on the measurement of airway dimensions using computed tomography. Proceedings of SPIE, 2008, , .	0.8	2
233	Chronic Obstructive Pulmonary Disease: Do Regional Differences in Tissue Inflammation Matter?. Respiration, 2011, 81, 359-361.	1.2	2
234	Mucosal Permeability and Smooth Muscle Function in Asthma. Medical Clinics of North America, 1990, 74, 731-740.	1.1	1

#	Article	IF	Citations
235	Airway Pathology. , 2009, , 71-81.		1
236	The influence of air ecology on human health. Respirology, 2000, 5, 166-166.	1.3	0
237	Canadian Contributions to Pulmonary Anatomy and Pathology. Canadian Respiratory Journal, 2007, 14, 393-397.	0.8	0
238	Development and proof-of-concept of three-dimensional lung histology volumes. Proceedings of SPIE, 2012, , .	0.8	0
239	Multiphoton microscopy based cryo-imaging of inflated frozen human lung sections at -60Â°C in healthy and COPD lungs. Proceedings of SPIE, 2013, , .	0.8	0
240	Reply to Hu et al.: How to Determine the Patientâ€™s Head and Neck Posture during Computed Tomography Scanning?. American Journal of Respiratory and Critical Care Medicine, 2018, 198, 1238-1239.	2.5	0
241	Airway Hyperreactivity. , 1989, , 267-276.		0
242	Latent Viral Infections. , 0, , 339-369.		0