

# James C Hogg

## List of Publications by Year in descending order

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242  
papers

26,177  
citations

7568

77  
h-index

6654

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.	27.0	3,198
2	Site and Nature of Airway Obstruction in Chronic Obstructive Lung Disease. New England Journal of Medicine, 1968, 278, 1355-1360.	27.0	1,234
3	Pathophysiology of airflow limitation in chronic obstructive pulmonary disease. Lancet, The, 2004, 364, 709-721.	13.7	1,035
4	Small-Airway Obstruction and Emphysema in Chronic Obstructive Pulmonary Disease. New England Journal of Medicine, 2011, 365, 1567-1575.	27.0	951
5	Decreased Histone Deacetylase Activity in Chronic Obstructive Pulmonary Disease. New England Journal of Medicine, 2005, 352, 1967-1976.	27.0	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.	22.4	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.	2.8	520
10	Inflammation of small airways in asthma. Journal of Allergy and Clinical Immunology, 1997, 100, 44-51.	2.4	497
11	The Lung Tissue Microbiome in Chronic Obstructive Pulmonary Disease. American Journal of Respiratory and Critical Care Medicine, 2012, 185, 1073-1080.	5.6	469
12	CT-Definable Subtypes of Chronic Obstructive Pulmonary Disease: A Statement of the Fleischner Society. Radiology, 2015, 277, 192-205.	7.3	423
13	The Prediction of Small Airway Dimensions Using Computed Tomography. American Journal of Respiratory and Critical Care Medicine, 2005, 171, 142-146.	5.6	368
14	Update on the Pathogenesis of Chronic Obstructive Pulmonary Disease. New England Journal of Medicine, 2019, 381, 1248-1256.	27.0	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.	5.6	321
16	Characterization of airway plugging in fatal asthma. American Journal of Medicine, 2003, 115, 6-11.	1.5	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.	7.1	310
18	Association between Functional Small Airway Disease and FEV <sub>1</sub> Decline in Chronic Obstructive Pulmonary Disease. American Journal of Respiratory and Critical Care Medicine, 2016, 194, 178-184.	5.6	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.	27.0	277
20	The stability of peripheral airways. Respiration Physiology, 1970, 8, 191-203.	2.7	265
21	Lung eQTLs to Help Reveal the Molecular Underpinnings of Asthma. PLoS Genetics, 2012, 8, e1003029.	3.5	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.	2.9	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.	13.1	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.	10.7	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.	28.8	206
30	Association of Chronic Obstructive Pulmonary Disease Severity and Pneumocystis Colonization. American Journal of Respiratory and Critical Care Medicine, 2004, 170, 408-413.	5.6	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.	5.6	195
32	Reduction in airway hyperresponsiveness to methacholine by the application of RF energy in dogs. Journal of Applied Physiology, 2004, 97, 1946-1953.	2.5	192
33	Hyperpolarized <sup>3</sup> He diffusion MRI and histology in pulmonary emphysema. Magnetic Resonance in Medicine, 2006, 56, 1293-1300.	3.0	191
34	Survival after Lung Volume Reduction in Chronic Obstructive Pulmonary Disease. American Journal of Respiratory and Critical Care Medicine, 2007, 176, 454-459.	5.6	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 <sup>1</sup> â€“ <sup>3</sup> . 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.	0.8	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.	2.9	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.	3.2	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.	5.6	147
43	The use of flow cytometry to measure neutrophil function. Journal of Immunological Methods, 1999, 232, 23-43.	1.4	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.	5.6	142
45	Emphysematous Lung Destruction by Cigarette Smoke. American Journal of Respiratory Cell and Molecular Biology, 2002, 26, 52-57.	2.9	141
46	Changes in the Bacterial Microbiota in Gut, Blood, and Lungs following Acute LPS Instillation into Mice Lungs. PLoS ONE, 2014, 9, e111228.	2.5	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.	5.6	139
48	Quantification of lung microstructure with hyperpolarized 3He diffusion MRI. Journal of Applied Physiology, 2009, 107, 1258-1265.	2.5	139
49	Increased number of glucocorticoid receptor- $\beta$ -expressing cells in the airways in fatal asthma. Journal of Allergy and Clinical Immunology, 2000, 106, 479-484.	2.9	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.	5.6	130
51	The resistance of collateral channels in excised human lungs. Journal of Clinical Investigation, 1969, 48, 421-431.	8.2	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.	3.6	127
53	The Effects of Radiation Dose and CT Manufacturer on Measurements of Lung Densitometry. Chest, 2007, 132, 617-623.	0.8	123
54	Small Airway Obstruction in COPD. Chest, 2013, 143, 1436-1443.	0.8	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.	2.3	116
57	Effects of CT Section Thickness and Reconstruction Kernel on Emphysema Quantification. Academic Radiology, 2010, 17, 146-156.	2.5	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.	2.9	113
59	Transcriptional regulatory model of fibrosis progression in the human lung. JCI Insight, 2019, 4, .	5.0	113
60	Molecular Signature of Smoking in Human Lung Tissues. Cancer Research, 2012, 72, 3753-3763.	0.9	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.	5.6	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.	5.6	100
63	Circulating hematopoietic progenitor cells in runners. Journal of Applied Physiology, 2002, 93, 1691-1697.	2.5	98
64	Persistent <i>Pneumocystis</i> Colonization Leads to the Development of Chronic Obstructive Pulmonary Disease in a Nonhuman Primate Model of AIDS. Journal of Infectious Diseases, 2010, 202, 302-312.	4.0	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.	5.6	97
66	Detection of Epstein-Barr Virus in Lymphocytic Interstitial Pneumonia by In Situ Hybridization. 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.	8.2	94
68	Pulmonary and systemic response to atmospheric pollution. Respiriology, 2009, 14, 336-346.	2.3	92
69	Contribution of IL-1 $\beta$ and TNF- $\alpha$ 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.	2.9	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.	5.6	91
71	The pathology of asthma. Apmis, 1997, 105, 735-745.	2.0	90
72	Polymorphonuclear Leukocytes Released from the Bone Marrow Preferentially Sequester in Lung Microvessels. Microcirculation, 1997, 4, 369-380.	1.8	89

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73	Release of Polymorphonuclear Leukocytes From the Bone Marrow by Interleukin-8. Blood, 1998, 92, 1062-1069.	1.4	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.	0.8	83
77	The Site and Nature of Airway Obstruction after Lung Transplantation. American Journal of Respiratory and Critical Care Medicine, 2014, 189, 292-300.	5.6	83
78	Bacterial microbiome of lungs in COPD. International Journal of COPD, 2014, 9, 229.	2.3	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.	3.2	80
80	The Effect of Glucocorticoids on the Expression of L-Selectin on Polymorphonuclear Leukocyte. Blood, 1999, 93, 2730-2737.	1.4	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.	2.9	76
82	Small airways pathology in idiopathic pulmonary fibrosis: a retrospective cohort study. Lancet Respiratory Medicine, the, 2020, 8, 573-584.	10.7	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.	2.9	69
84	Adenovirus infections and lung disease. Current Opinion in Pharmacology, 2007, 7, 237-243.	3.5	69
85	Adenoviral E1A primes alveolar epithelial cells to PM <sub>10</sub> -induced transcription of interleukin-8. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2001, 281, L598-L606.	2.9	68
86	Long-range diffusion of hyperpolarized <sup>3</sup> He in explanted normal and emphysematous human lungs via magnetization tagging. Journal of Applied Physiology, 2005, 99, 1992-1997.	2.5	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.	6.7	67
88	Refining Susceptibility Loci of Chronic Obstructive Pulmonary Disease with Lung eqtls. PLoS ONE, 2013, 8, e70220.	2.5	66
89	Molecular mechanisms underlying variations in lung function: a systems genetics analysis. Lancet Respiratory Medicine, the, 2015, 3, 782-795.	10.7	66
90	Gene correlation network analysis to identify regulatory factors in idiopathic pulmonary fibrosis. Thorax, 2019, 74, 132-140.	5.6	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.	2.5	63
92	miR-638 regulates gene expression networks associated with emphysematous lung destruction. Genome Medicine, 2013, 5, 114.	8.2	62
93	Thin-Section CT Features of Idiopathic Pulmonary Fibrosis Correlated with Micro-CT and Histologic Analysis. Radiology, 2017, 283, 252-263.	7.3	60
94	The Association Between Small Airway Obstruction and Emphysema Phenotypes in COPD. Chest, 2007, 131, 1372-1378.	0.8	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.	2.5	57
97	Three Dimensional Imaging of Paraffin Embedded Human Lung Tissue Samples by Micro-Computed Tomography. PLoS ONE, 2015, 10, e0126230.	2.5	56
98	The Pathology of Asthma. Clinics in Chest Medicine, 1984, 5, 567-571.	2.1	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.	2.9	55
100	Expression of the cell adhesion molecules on leukocytes that demarginate during acute maximal exercise. Journal of Applied Physiology, 1999, 86, 970-976.	2.5	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.	2.0	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.	5.6	54
103	Morphometric Analysis of Explant Lungs in Cystic Fibrosis. American Journal of Respiratory and Critical Care Medicine, 2016, 193, 516-526.	5.6	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.	2.9	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.	5.6	53
106	The cellular and molecular determinants of emphysematous destruction in COPD. Scientific Reports, 2017, 7, 9562.	3.3	53
107	Micro-Computed Tomography Comparison of Preterminal Bronchioles in Centrilobular and Panlobular Emphysema. American Journal of Respiratory and Critical Care Medicine, 2017, 195, 630-638.	5.6	53
108	Linking clinical phenotypes of chronic lung allograft dysfunction to changes in lung structure. European Respiratory Journal, 2015, 46, 1430-1439.	6.7	52



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109	A Novel Method of Estimating Small Airway Disease Using Inspiratory-to-Expiratory Computed Tomography. <i>Respiration</i> , 2017, 94, 336-345.	2.6	52
110	Complement Fragment-Induced Release of Neutrophils From Bone Marrow and Sequestration Within Pulmonary Capillaries in Rabbits. <i>Blood</i> , 1998, 92, 283-290.	1.4	50
111	Latent adenoviral infection modifies the steroid response in allergic lung inflammation. <i>Journal of Allergy and Clinical Immunology</i> , 2000, 106, 844-851.	2.9	50
112	Inhibition of Marfan Syndrome Aortic Root Dilation by Losartan. <i>American Journal of Pathology</i> , 2018, 188, 574-585.	3.8	50
113	In vivo lung morphometry with hyperpolarized <sup>3</sup> He diffusion MRI in canines with induced emphysema: disease progression and comparison with computed tomography. <i>Journal of Applied Physiology</i> , 2007, 102, 477-484.	2.5	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. <i>American Journal of Physiology - Cell Physiology</i> , 2003, 285, C253-C259.	4.6	47
115	Micro-Computed Tomography Measurements of Peripheral Lung Pathology in Chronic Obstructive Pulmonary Disease. <i>Proceedings of the American Thoracic Society</i> , 2009, 6, 546-549.	3.5	47
116	The aging lung: tissue telomere shortening in health and disease. <i>Respiratory Research</i> , 2018, 19, 95.	3.6	46
117	Bacteremic pneumococccal pneumonia. <i>Critical Care Medicine</i> , 1998, 26, 501-509.	0.9	44
118	Small airway loss in the physiologically ageing lung: a cross-sectional study in unused donor lungs. <i>Lancet Respiratory Medicine</i> , 2021, 9, 167-174.	10.7	41
119	Identifying Smokers at Risk for Developing Airway Obstruction. <i>Chest</i> , 1998, 114, 355.	0.8	40
120	Endothelin-1 Changes Polymorphonuclear Leukocytes' Deformability and CD11b Expression and Promotes Their Retention in the Lung. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2000, 23, 404-410.	2.9	39
121	Nondestructive cryomicro-CT imaging enables structural and molecular analysis of human lung tissue. <i>Journal of Applied Physiology</i> , 2017, 122, 161-169.	2.5	39
122	Effect of mechanical deformation on structure and function of polymorphonuclear leukocytes. <i>Journal of Applied Physiology</i> , 1997, 82, 1397-1405.	2.5	38
123	Monocyte Recruitment into the Lungs in Pneumococcal Pneumonia. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2004, 30, 620-626.	2.9	38
124	Impact of Cigarette Smoke on the Human and Mouse Lungs: A Gene-Expression Comparison Study. <i>PLoS ONE</i> , 2014, 9, e92498.	2.5	37
125	A gene expression signature of emphysematous lung destruction and its reversal by the tripeptide GHK. <i>Genome Medicine</i> , 2012, 4, 67.	8.2	37
126	Evidence for Inflammation in Asthma. <i>The American Review of Respiratory Disease</i> , 1991, 143, S39-S42.	2.9	36



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127	Functional Changes in Aging Polymorphonuclear Leukocytes. <i>Circulation</i> , 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.	1.1	35
129	BAL Induces an Increase in Peripheral Blood Neutrophils and Cytokine Levels in Healthy Volunteers and Patients With Pneumonia. <i>Chest</i> , 2001, 119, 1724-1729.	0.8	34
130	Molecular mechanisms of decreased steroid responsiveness induced by latent adenoviral infection in allergic lung inflammation. <i>Journal of Allergy and Clinical Immunology</i> , 2002, 109, 35-42.	2.9	34
131	Latent adenoviral infection induces production of growth factors relevant to airway remodeling in COPD. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2004, 286, L189-L197.	2.9	34
132	The effect of interleukin-6 on L-selectin levels on polymorphonuclear leukocytes. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2002, 283, H879-H884.	3.2	33
133	The effects of marijuana smoking on lung function in older people. <i>European Respiratory Journal</i> , 2019, 54, 1900826.	6.7	32
134	A role for telomere length and chromosomal damage in idiopathic pulmonary fibrosis. <i>Respiratory Research</i> , 2018, 19, 132.	3.6	31
135	Comprehensive stereological assessment of the human lung using multiresolution computed tomography. <i>Journal of Applied Physiology</i> , 2020, 128, 1604-1616.	2.5	31
136	Small Airway Reduction and Fibrosis Is an Early Pathologic Feature of Idiopathic Pulmonary Fibrosis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2021, 204, 1048-1059.	5.6	31
137	L-selectin expression on polymorphonuclear leukocytes and monocytes in premature infants: Reduced expression after dexamethasone treatment for bronchopulmonary dysplasia. <i>Journal of Pediatrics</i> , 1998, 132, 53-56.	1.8	30
138	Genetic regulation of gene expression in the lung identifies <i>CST3</i> and <i>CD22</i> as potential causal genes for airflow obstruction. <i>Thorax</i> , 2014, 69, 997-1004.	5.6	30
139	A possible role for $CD^{+}8^{+}$ and non- $CD^{+}8^{+}$ cell granzyme $B^{+}$ in early small airway wall remodelling in centrilobular emphysema. <i>Respirology</i> , 2013, 18, 688-696.	2.3	29
140	High eosinophil counts predict decline in FEV <sub>1</sub> : results from the CanCOLD study. <i>European Respiratory Journal</i> , 2021, 57, 2000838.	6.7	29
141	Polymorphonuclear Leukocytes Released From the Bone Marrow and Acute Lung Injury. <i>Chest</i> , 1999, 116, 43S-46S.	0.8	28
142	Integrative Genomics of Emphysema-Associated Genes Reveals Potential Disease Biomarkers. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2017, 57, 411-418.	2.9	28
143	PCR Detection of Viral Nucleic Acid in Fatal Asthma: Is the Lower Respiratory Tract a Reservoir for Common Viruses?. <i>Canadian Respiratory Journal</i> , 1999, 6, 37-43.	1.6	27
144	Pathological Comparisons of Paraseptal and Centrilobular Emphysema in Chronic Obstructive Pulmonary Disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020, 202, 803-811.	5.6	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.	1.6	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.	5.6	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.	2.8	24
148	Isoflurane Regulates Atypical Type-A Î³-Aminobutyric Acid Receptors in Alveolar Type II Epithelial Cells. Anesthesiology, 2013, 118, 1065-1075.	2.5	24
149	Regional differences in alveolar density in the human lung are related to lung height. Journal of Applied Physiology, 2015, 118, 1429-1434.	2.5	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.	5.6	24
151	Quantification of lung surface area using computed tomography. Respiratory Research, 2010, 11, 153.	3.6	23
152	Polymorphonuclear leukocytes released from the bone marrow by granulocyte colony-stimulating factor: intravascular behavior. The Hematology Journal, 2000, 1, 159-171.	1.4	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.	1.2	22
155	Use of CT Morphometry To Detect Changes in Lung Weight and Gas Volume. Chest, 2005, 128, 2471-2477.	0.8	22
156	Patterns of Retention of Particulate Matter in Lung Tissues of Patients With COPD. Chest, 2011, 140, 1540-1549.	0.8	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.	1.6	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.	3.8	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.	1.2	20
160	Adenoviral E1A modulates inflammatory mediator expression by lung epithelial cells exposed to PM <sub>10</sub> . American Journal of Physiology - Lung Cellular and Molecular Physiology, 2003, 284, L290-L297.	2.9	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.	0.4	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. <i>Thorax</i> , 2007, 62, 623-630.	5.6	19
164	The Disruption of the Epithelial Mesenchymal Trophic Unit in COPD. <i>COPD: Journal of Chronic Obstructive Pulmonary Disease</i> , 2009, 6, 421-431.	1.6	19
165	Cryo-imaging of Inflated Frozen Human Lung Sections at -60°C using Multiphoton and Harmonic Generation Microscopy. <i>Microscopy and Microanalysis</i> , 2014, 20, 1348-1349.	0.4	19
166	Impaired Ventilatory Efficiency, Dyspnea, and Exercise Intolerance in Chronic Obstructive Pulmonary Disease: Results from the CanCOLD Study. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2022, 205, 1391-1402.	5.6	19
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