

# Charles G Irvin

## List of Publications by Year in Descending Order

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

152  
papers

12,085  
citations

53  
h-index

108  
g-index

169  
ext. papers

13,517  
ext. citations

6.8  
avg, IF

6.12  
L-index

#	Paper	IF	Citations
152	Clinical significance and applications of oscillometry.. <i>European Respiratory Review</i> , <b>2022</b> , 31,	9.8	0
151	Glutathione-S-transferase P promotes glycolysis in asthma in association with oxidation of pyruvate kinase M2. <i>Redox Biology</i> , <b>2021</b> , 47, 102160	11.3	0
150	Spirometric Response to Bronchodilator and Eucapnic Voluntary Hyperpnea in Adults With Asthma. <i>Respiratory Care</i> , <b>2021</b> , 66, 1282-1290	2.1	1
149	Dysregulation of Pyruvate Kinase M2 Promotes Inflammation in a Mouse Model of Obese Allergic Asthma. <i>American Journal of Respiratory Cell and Molecular Biology</i> , <b>2021</b> , 64, 709-721	5.7	0
148	Effects of Reduced Nicotine Content Cigarettes on Fractional Exhaled Nitric Oxide (FeNO) and Self-Reported Respiratory Health Outcomes among Smokers with Psychiatric Conditions or Socioeconomic Disadvantage. <i>Nicotine and Tobacco Research</i> , <b>2021</b> ,	4.9	1
147	Airway epithelial specific deletion of Jun-N-terminal kinase 1 attenuates pulmonary fibrosis in two independent mouse models. <i>PLoS ONE</i> , <b>2020</b> , 15, e0226904	3.7	10
146	Technical standards for respiratory oscillometry. <i>European Respiratory Journal</i> , <b>2020</b> , 55,	13.6	96
145	Pyruvate Kinase M2 Promotes Expression of Proinflammatory Mediators in House Dust Mite-Induced Allergic Airways Disease. <i>Journal of Immunology</i> , <b>2020</b> , 204, 763-774	5.3	17
144	Dysregulation of the glutaredoxin/glutathionylation redox axis in lung diseases. <i>American Journal of Physiology - Cell Physiology</i> , <b>2020</b> , 318, C304-C327	5.4	13
143	Biomarkers of Type 2 Airway Inflammation as Predictors of Loss of Asthma Control During Step-Down Therapy for Well-Controlled Disease: The Long-Acting Beta-Agonist Step-Down Study (LASST). <i>Journal of Allergy and Clinical Immunology: in Practice</i> , <b>2020</b> , 8, 3474-3481	5.4	2
142	Glutaredoxin deficiency promotes activation of the transforming growth factor beta pathway in airway epithelial cells, in association with fibrotic airway remodeling. <i>Redox Biology</i> , <b>2020</b> , 37, 101720	11.3	2
141	Airway epithelial specific deletion of Jun-N-terminal kinase 1 attenuates pulmonary fibrosis in two independent mouse models <b>2020</b> , 15, e0226904		
140	Airway epithelial specific deletion of Jun-N-terminal kinase 1 attenuates pulmonary fibrosis in two independent mouse models <b>2020</b> , 15, e0226904		
139	Airway epithelial specific deletion of Jun-N-terminal kinase 1 attenuates pulmonary fibrosis in two independent mouse models <b>2020</b> , 15, e0226904		
138	Airway epithelial specific deletion of Jun-N-terminal kinase 1 attenuates pulmonary fibrosis in two independent mouse models <b>2020</b> , 15, e0226904		
137	BMI but not central obesity predisposes to airway closure during bronchoconstriction. <i>Respirology</i> , <b>2019</b> , 24, 543-550	3.6	15
136	Older age and obesity are associated with increased airway closure in response to methacholine in patients with asthma. <i>Respirology</i> , <b>2019</b> , 24, 638-645	3.6	10

135	Clinical characterization of children with resistant airflow obstruction, a multicenter study. <i>Journal of Asthma</i> , <b>2019</b> , 56, 611-617	1.9	2
134	Conjugated bile acids attenuate allergen-induced airway inflammation and hyperresponsiveness by inhibiting UPR transducers. <i>JCI Insight</i> , <b>2019</b> , 4,	9.9	23
133	Advancing Professional Development Through a Community of Practice: the New England Network for Faculty Affairs. <i>Journal of Continuing Education in the Health Professions</i> , <b>2018</b> , 38, 73-78	2.1	6
132	The phosphatidylinositide 3-kinase (PI3K) signaling pathway is a determinant of zileuton response in adults with asthma. <i>Pharmacogenomics Journal</i> , <b>2018</b> , 18, 665-677	3.5	5
131	Reducing protein oxidation reverses lung fibrosis. <i>Nature Medicine</i> , <b>2018</b> , 24, 1128-1135	50.5	50
130	Heart Rate Variability Biofeedback Does Not Substitute for Asthma Steroid Controller Medication. <i>Applied Psychophysiology Biofeedback</i> , <b>2018</b> , 43, 57-73	3.4	10
129	Lung Pathologies in a Chronic Inflammation Mouse Model Are Independent of Eosinophil Degranulation. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2017</b> , 195, 1321-1332	10.2	25
128	Classifying the Severity of COPD: Are We There Yet? Editorial for "Coton, S. et al. Severity of Airflow Obstruction in Chronic Obstructive Pulmonary Disease (COPD): Proposal for a New Classification". <i>COPD: Journal of Chronic Obstructive Pulmonary Disease</i> , <b>2017</b> , 14, 463-464	2	0
127	Fluctuation Analysis of Peak Expiratory Flow and Its Association with Treatment Failure in Asthma. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2017</b> , 195, 993-999	10.2	18
126	Protein disulfide isomerase-endoplasmic reticulum resident protein 57 regulates allergen-induced airways inflammation, fibrosis, and hyperresponsiveness. <i>Journal of Allergy and Clinical Immunology</i> , <b>2016</b> , 137, 822-32.e7	11.5	32
125	DUOX1 mediates persistent epithelial EGFR activation, mucous cell metaplasia, and airway remodeling during allergic asthma. <i>JCI Insight</i> , <b>2016</b> , 1, e88811	9.9	41
124	Ablation of the Thiol Transferase Glutaredoxin-1 Augments Protein S-Glutathionylation and Modulates Type 2 Inflammatory Responses and IL-17 in a House Dust Mite Model of Allergic Airway Disease in Mice. <i>Annals of the American Thoracic Society</i> , <b>2016</b> , 13 Suppl 1, S97	4.7	6
123	Effect of Continuous Positive Airway Pressure on Airway Reactivity in Asthma. A Randomized, Sham-controlled Clinical Trial. <i>Annals of the American Thoracic Society</i> , <b>2016</b> , 13, 1940-1950	4.7	22
122	Ablation of Glutaredoxin-1 Modulates House Dust Mite-Induced Allergic Airways Disease in Mice. <i>American Journal of Respiratory Cell and Molecular Biology</i> , <b>2016</b> , 55, 377-86	5.7	17
121	Weight Loss Decreases Inherent and Allergic Methacholine Hyperresponsiveness in Mouse Models of Diet-Induced Obese Asthma. <i>American Journal of Respiratory Cell and Molecular Biology</i> , <b>2016</b> , 55, 176-87	5.7	20
120	What long-term changes in lung function can tell us about asthma control. <i>Current Allergy and Asthma Reports</i> , <b>2015</b> , 15, 505	5.6	2
119	Diagnostic accuracy of FEV1/forced vital capacity ratio z scores in asthmatic patients. <i>Journal of Allergy and Clinical Immunology</i> , <b>2015</b> , 136, 649-653.e4	11.5	4
118	Genome-Wide Association Study Identifies Novel Pharmacogenomic Loci For Therapeutic Response to Montelukast in Asthma. <i>PLoS ONE</i> , <b>2015</b> , 10, e0129385	3.7	20

117	Effect of a soy isoflavone supplement on lung function and clinical outcomes in patients with poorly controlled asthma: a randomized clinical trial. <i>JAMA - Journal of the American Medical Association</i> , <b>2015</b> , 313, 2033-43	27.4	28
116	Reply: To PMID 25174863. <i>Journal of Allergy and Clinical Immunology</i> , <b>2015</b> , 136, 212-3	11.5	
115	Efficacy of nasal mometasone for the treatment of chronic sinonasal disease in patients with inadequately controlled asthma. <i>Journal of Allergy and Clinical Immunology</i> , <b>2015</b> , 135, 701-9.e5	11.5	33
114	Assessing maximal exercise capacity: peak work or peak oxygen consumption?. <i>Respiratory Care</i> , <b>2014</b> , 59, 90-6	2.1	10
113	The nonallergic asthma of obesity. A matter of distal lung compliance. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2014</b> , 189, 1494-502	10.2	99
112	Influence of distinct asthma phenotypes on lung function following weight loss in the obese. <i>Respirology</i> , <b>2014</b> , 19, 1170-7	3.6	42
111	Animal models of allergic airways disease: where are we and where to next?. <i>Journal of Cellular Biochemistry</i> , <b>2014</b> , 115, 2055-64	4.7	31
110	Development, Structure, and Physiology in Normal Lung and in Asthma <b>2014</b> , 700-714		0
109	Obesity in children with poorly controlled asthma: Sex differences. <i>Pediatric Pulmonology</i> , <b>2013</b> , 48, 847-56	3.9	31
108	Epithelial NF- $\kappa$ B orchestrates house dust mite-induced airway inflammation, hyperresponsiveness, and fibrotic remodeling. <i>Journal of Immunology</i> , <b>2013</b> , 191, 5811-21	5.3	63
107	Cys-leukotrienes promote fibrosis in a mouse model of eosinophil-mediated respiratory inflammation. <i>American Journal of Respiratory Cell and Molecular Biology</i> , <b>2013</b> , 49, 1074-84	5.7	20
106	Increased glutaredoxin-1 and decreased protein S-glutathionylation in sputum of asthmatics. <i>European Respiratory Journal</i> , <b>2013</b> , 41, 469-72	13.6	25
105	Integration of mouse and human genome-wide association data identifies KCNIP4 as an asthma gene. <i>PLoS ONE</i> , <b>2013</b> , 8, e56179	3.7	25
104	Asthma outcomes: pulmonary physiology. <i>Journal of Allergy and Clinical Immunology</i> , <b>2012</b> , 129, S65-87	11.5	102
103	Genome-wide association analysis in asthma subjects identifies SPATS2L as a novel bronchodilator response gene. <i>PLoS Genetics</i> , <b>2012</b> , 8, e1002824	6	92
102	A role for sensory nerves in the late asthmatic response. <i>Thorax</i> , <b>2012</b> , 67, 19-25	7.3	92
101	Role of IL-6 in asthma and other inflammatory pulmonary diseases. <i>International Journal of Biological Sciences</i> , <b>2012</b> , 8, 1281-90	11.2	351
100	Obesity and asthma: an inflammatory disease of adipose tissue not the airway. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2012</b> , 186, 598-605	10.2	208

99	The Madison Avenue effect: how drug presentation style influences adherence and outcome in patients with asthma. <i>Journal of Allergy and Clinical Immunology</i> , <b>2011</b> , 127, 406-11	11.5	22
98	Oscillation mechanics of the respiratory system. <i>Comprehensive Physiology</i> , <b>2011</b> , 1, 1233-72	7.7	113
97	Genome-wide association study identifies three new susceptibility loci for adult asthma in the Japanese population. <i>Nature Genetics</i> , <b>2011</b> , 43, 893-6	36.3	252
96	Complex systems in pulmonary medicine: a systems biology approach to lung disease. <i>Journal of Applied Physiology</i> , <b>2011</b> , 110, 1716-22	3.7	16
95	Regulatory haplotypes in ARG1 are associated with altered bronchodilator response. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2011</b> , 183, 449-54	10.2	45
94	An official ATS clinical practice guideline: interpretation of exhaled nitric oxide levels (FENO) for clinical applications. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2011</b> , 184, 602-15	10.2	1605
93	Asthma treatment through the beta receptor: lessons from animal models. <i>Frontiers in Bioscience - Elite</i> , <b>2011</b> , 3, 1201-8	1.6	
92	Airways hyperresponsiveness: a perspective from 15,000 ft. <i>Journal of Applied Physiology</i> , <b>2010</b> , 108, 765-6	3.7	
91	It's not all smooth muscle: non-smooth-muscle elements in control of resistance to airflow. <i>Annual Review of Physiology</i> , <b>2010</b> , 72, 437-62	23.1	51
90	Elevation of IL-6 in the allergic asthmatic airway is independent of inflammation but associates with loss of central airway function. <i>Respiratory Research</i> , <b>2010</b> , 11, 28	7.3	117
89	Development of allergen-induced airway inflammation in the absence of T-bet regulation is dependent on IL-17. <i>Journal of Immunology</i> , <b>2009</b> , 183, 5293-300	5.3	38
88	Criteria to screen for chronic sinonasal disease. <i>Chest</i> , <b>2009</b> , 136, 1324-1332	5.3	47
87	Physiologic dysfunction of the asthmatic lung: what's going on down there, anyway?. <i>Proceedings of the American Thoracic Society</i> , <b>2009</b> , 6, 306-11		29
86	c-Jun N-terminal kinase 1 is required for the development of pulmonary fibrosis. <i>American Journal of Respiratory Cell and Molecular Biology</i> , <b>2009</b> , 40, 422-32	5.7	71
85	Acid aspiration-induced airways hyperresponsiveness in mice. <i>Journal of Applied Physiology</i> , <b>2009</b> , 107, 1763-70	3.7	27
84	Anatomy, pathology, and physiology of the tracheobronchial tree: emphasis on the distal airways. <i>Journal of Allergy and Clinical Immunology</i> , <b>2009</b> , 124, S72-7	11.5	68
83	Animal models of asthma. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , <b>2009</b> , 297, L401-10	5.8	130
82	Inhibition of arginase activity enhances inflammation in mice with allergic airway disease, in association with increases in protein S-nitrosylation and tyrosine nitration. <i>Journal of Immunology</i> , <b>2008</b> , 181, 4255-64	5.3	66

81	Nuclear factor-kappaB activation in airway epithelium induces inflammation and hyperresponsiveness. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2008</b> , 177, 959-69	10.2	103
80	TH17 cells mediate steroid-resistant airway inflammation and airway hyperresponsiveness in mice. <i>Journal of Immunology</i> , <b>2008</b> , 181, 4089-97	5.3	582
79	Jun N-terminal kinase 1 regulates epithelial-to-mesenchymal transition induced by TGF-beta1. <i>Journal of Cell Science</i> , <b>2008</b> , 121, 1036-45	5.3	100
78	Indoleamine 2,3-dioxygenase in lung dendritic cells promotes Th2 responses and allergic inflammation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2008</b> , 105, 6690-5	11.5	104
77	Mucous Obstruction and Airway Hyperresponsiveness in Mice. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2008</b> , 177, 1171-1172	10.2	3
76	The synergistic interactions of allergic lung inflammation and intratracheal cationic protein. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2008</b> , 177, 261-8	10.2	43
75	Unrestrained video-assisted plethysmography: a noninvasive method for assessment of lung mechanical function in small animals. <i>Journal of Applied Physiology</i> , <b>2008</b> , 104, 253-61	3.7	18
74	Heterogeneity of bronchoconstriction does not distinguish mild asthmatic subjects from healthy controls when supine. <i>Journal of Applied Physiology</i> , <b>2008</b> , 104, 10-9	3.7	24
73	Computational assessment of airway wall stiffness in vivo in allergically inflamed mouse models of asthma. <i>Journal of Applied Physiology</i> , <b>2008</b> , 104, 1601-10	3.7	34
72	Lower airway disease in asthmatics with and without rhinitis. <i>Lung</i> , <b>2008</b> , 186, 361-8	2.9	20
71	ARG1 is a novel bronchodilator response gene: screening and replication in four asthma cohorts. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2008</b> , 178, 688-94	10.2	98
70	A Role for Indoleamine 2,3-Dioxygenase in Lung Dendritic Cell Activation in Response to Allergens Impacting Allergic Airways Disease. <i>FASEB Journal</i> , <b>2008</b> , 22, 670.9	0.9	
69	Intrinsic and antigen-induced airway hyperresponsiveness are the result of diverse physiological mechanisms. <i>Journal of Applied Physiology</i> , <b>2007</b> , 102, 221-30	3.7	77
68	Going to extremes of lung volume. <i>Journal of Applied Physiology</i> , <b>2007</b> , 102, 831-3	3.7	10
67	Catalase overexpression fails to attenuate allergic airways disease in the mouse. <i>Journal of Immunology</i> , <b>2007</b> , 178, 3814-21	5.3	15
66	Transforming growth factor-beta1 suppresses airway hyperresponsiveness in allergic airway disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2007</b> , 176, 974-82	10.2	96
65	Airway smooth muscle as a target for asthma therapy. <i>New England Journal of Medicine</i> , <b>2007</b> , 356, 1367-9	5.2	43
64	The effect of montelukast and low-dose theophylline on cardiovascular disease risk factors in asthmatics. <i>Chest</i> , <b>2007</b> , 132, 868-74	5.3	43

63	Airway hyperresponsiveness in allergically inflamed mice: the role of airway closure. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2007</b> , 175, 768-74	10.2	117
62	Montelukast and Theophylline: No Use or Some Use in Persistent Asthma?. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2007</b> , 175, 1094a-1095	10.2	
61	Predicting episodes of poor asthma control in treated patients with asthma. <i>Journal of Allergy and Clinical Immunology</i> , <b>2006</b> , 118, 1226-33	11.5	69
60	Exaggerated airway narrowing in mice treated with intratracheal cationic protein. <i>Journal of Applied Physiology</i> , <b>2006</b> , 100, 500-6	3.7	42
59	Improvements in distal lung function correlate with asthma symptoms after treatment with oral montelukast. <i>Chest</i> , <b>2006</b> , 130, 1726-32	5.3	53
58	Allergic rhinitis and sinusitis in asthma: differential effects on symptoms and pulmonary function. <i>Chest</i> , <b>2006</b> , 130, 429-35	5.3	106
57	Promise and pitfalls in animal-based asthma research: building a better mousetrap. <i>Immunologic Research</i> , <b>2006</b> , 35, 279-94	4.3	25
56	Early intervention of therapy in asthma. <i>Current Opinion in Pulmonary Medicine</i> , <b>2005</b> , 11, 51-5	3	8
55	Tumor necrosis factor-alpha overexpression in lung disease: a single cause behind a complex phenotype. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2005</b> , 171, 1363-70	10.2	194
54	Knowledge and use of office spirometry for the detection of chronic obstructive pulmonary disease by primary care physicians. <i>Respiratory Care</i> , <b>2005</b> , 50, 1639-48	2.1	58
53	The allergic mouse model of asthma: normal smooth muscle in an abnormal lung?. <i>Journal of Applied Physiology</i> , <b>2004</b> , 96, 2019-27	3.7	175
52	The use and misuse of Penh in animal models of lung disease. <i>American Journal of Respiratory Cell and Molecular Biology</i> , <b>2004</b> , 31, 373-4	5.7	201
51	Cellular FLIP long form-transgenic mice manifest a Th2 cytokine bias and enhanced allergic airway inflammation. <i>Journal of Immunology</i> , <b>2004</b> , 172, 4724-32	5.3	34
50	NF-kappa B activation in airways modulates allergic inflammation but not hyperresponsiveness. <i>Journal of Immunology</i> , <b>2004</b> , 173, 7003-9	5.3	139
49	Inhibition of NFAT specifically in T cells prevents allergic pulmonary inflammation. <i>Journal of Immunology</i> , <b>2004</b> , 172, 3597-603	5.3	26
48	Thoracic gas volume measurements in paralyzed mice. <i>Annals of Biomedical Engineering</i> , <b>2004</b> , 32, 1420-7	4.7	10
47	Defining a link with asthma in mice congenitally deficient in eosinophils. <i>Science</i> , <b>2004</b> , 305, 1773-6	33.3	606
46	Measuring the Work of Exercise. <i>Chest</i> , <b>2004</b> , 126, 1006-1007	5.3	

45	Unrestrained plethysmography is an unreliable measure of airway responsiveness in BALB/c and C57BL/6 mice. <i>Journal of Applied Physiology</i> , <b>2004</b> , 97, 286-92	3.7	165
44	Oscillation mechanics of the human lung periphery in asthma. <i>Journal of Applied Physiology</i> , <b>2004</b> , 97, 1849-58	3.7	43
43	Extravascular fibrin, plasminogen activator, plasminogen activator inhibitors, and airway hyperresponsiveness. <i>Journal of Clinical Investigation</i> , <b>2004</b> , 114, 104-11	15.9	72
42	Extravascular fibrin, plasminogen activator, plasminogen activator inhibitors, and airway hyperresponsiveness. <i>Journal of Clinical Investigation</i> , <b>2004</b> , 114, 104-111	15.9	129
41	Role of fibrin in determining airway closure. <i>Chest</i> , <b>2003</b> , 123, 362S-3S	5.3	6
40	Measuring lung function in mice: the phenotyping uncertainty principle. <i>Journal of Applied Physiology</i> , <b>2003</b> , 94, 1297-306	3.7	166
39	Measuring the lung function in the mouse: the challenge of size. <i>Respiratory Research</i> , <b>2003</b> , 4, 4	7.3	257
38	A prominent role for airway epithelial NF-kappa B activation in lipopolysaccharide-induced airway inflammation. <i>Journal of Immunology</i> , <b>2003</b> , 170, 6257-65	5.3	159
37	Nonlinearity of respiratory mechanics during bronchoconstriction in mice with airway inflammation. <i>Journal of Applied Physiology</i> , <b>2002</b> , 92, 1802-7	3.7	52
36	A reevaluation of the validity of unrestrained plethysmography in mice. <i>Journal of Applied Physiology</i> , <b>2002</b> , 93, 1198-207	3.7	211
35	Airway and tissue mechanics in a murine model of asthma: alveolar capsule vs. forced oscillations. <i>Journal of Applied Physiology</i> , <b>2002</b> , 93, 263-70	3.7	187
34	Time dependence of recruitment and derecruitment in the lung: a theoretical model. <i>Journal of Applied Physiology</i> , <b>2002</b> , 93, 705-13	3.7	1179
33	Rapid activation of nuclear factor-kappaB in airway epithelium in a murine model of allergic airway inflammation. <i>American Journal of Pathology</i> , <b>2002</b> , 160, 1325-34	5.8	130
32	Airway responses to a diluent used in the methacholine challenge test. <i>Annals of Allergy, Asthma and Immunology</i> , <b>2001</b> , 86, 277-82	3.2	4
31	Overexpression of tumor necrosis factor-alpha produces an increase in lung volumes and pulmonary hypertension. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , <b>2001</b> , 280, L39-49	5.8	172
30	New insights from lung function. <i>Current Opinion in Allergy and Clinical Immunology</i> , <b>2001</b> , 1, 205-9	3.3	7
29	The invaluable pressure-volume curve. <i>Chest</i> , <b>2000</b> , 117, 578-83	5.3	8
28	Interaction between the growing lung and asthma: role of early intervention. <i>Journal of Allergy and Clinical Immunology</i> , <b>2000</b> , 105, S540-6	11.5	12



27	Anti-CD86 (B7.2) treatment abolishes allergic airway hyperresponsiveness in mice. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>1999</b> , 159, 1638-43	10.2	91
26	Development of eosinophilic airway inflammation and airway hyperresponsiveness requires interleukin-5 but not immunoglobulin E or B lymphocytes. <i>American Journal of Respiratory Cell and Molecular Biology</i> , <b>1999</b> , 21, 480-9	5.7	142
25	The late, but not early, asthmatic response is dependent on IL-5 and correlates with eosinophil infiltration. <i>Journal of Clinical Investigation</i> , <b>1999</b> , 104, 301-8	15.9	150
24	Lung Volumes. <i>Seminars in Respiratory and Critical Care Medicine</i> , <b>1998</b> , 19, 325-334	3.9	2
23	CD23 deficient mice develop allergic airway hyperresponsiveness following sensitization with ovalbumin. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>1997</b> , 156, 1945-55	10.2	50
22	Methacholine challenge testing: safety of low starting FEV1. Asthma Clinical Research Network (ACRN). <i>Chest</i> , <b>1997</b> , 112, 53-6	5.3	24
21	Exercise physiology. <i>Allergy and Asthma Proceedings</i> , <b>1996</b> , 17, 327-30	2.6	2
20	Quantitative CT predicts the severity of physiologic dysfunction in patients with lymphangioleiomyomatosis. <i>Chest</i> , <b>1996</b> , 109, 131-7	5.3	62
19	Cationic proteins increase the permeability of cultured rabbit tracheal epithelial cells: modification by heparin and extracellular calcium. <i>Experimental Lung Research</i> , <b>1996</b> , 22, 85-99	2.3	36
18	Quantitative chest computed tomography as a means of predicting exercise performance in severe emphysema. <i>Academic Radiology</i> , <b>1995</b> , 2, 463-9	4.3	15
17	The detection of collapsible airways contributing to airflow limitation. <i>Chest</i> , <b>1995</b> , 107, 856-9	5.3	18
16	Peripheral lung mechanics may account for the rise in the maximal:partial ratio which follows hyperpnea-induced bronchospasm. <i>Chest</i> , <b>1995</b> , 107, 152S-153S	5.3	
15	Bimodal effect of platelet-activating factor (PAF) on airways responsiveness in the rabbit. <i>Experimental Lung Research</i> , <b>1994</b> , 20, 559-77	2.3	2
14	The effect of human eosinophil granule major basic protein on airway responsiveness in the rat in vivo. A comparison with polycations. <i>The American Review of Respiratory Disease</i> , <b>1993</b> , 147, 982-8		96
13	Increased lower airways responsiveness associated with sinusitis in a rabbit model. <i>The American Review of Respiratory Disease</i> , <b>1993</b> , 147, 314-20		79
12	Anatomic correlates of reversible restrictive lung disease. <i>Chest</i> , <b>1993</b> , 103, 928-31	5.3	9
11	Respiratory mechanics of the coatimundi and woodchuck. <i>Respiration Physiology</i> , <b>1992</b> , 89, 147-55		5
10	Physiologic evaluation of bullous emphysema. <i>Chest</i> , <b>1991</b> , 100, 1151-4	5.3	10

9	Cholinergic mechanisms involved with histamine hyperreactivity in immune rabbit airways challenged with ragweed antigen. <i>The American Review of Respiratory Disease</i> , <b>1991</b> , 144, 70-5		17
8	Relationship of diaphragm glycogen, lactate, and function to respiratory failure. <i>The American Review of Respiratory Disease</i> , <b>1990</b> , 141, 926-32		31
7	Effect of cooling on the responsiveness of canine tracheal muscle. <i>The American Review of Respiratory Disease</i> , <b>1990</b> , 142, 1402-6		11
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