

Robert Homer

List of Publications by Citations

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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.

192 papers	19,517 citations	71 h-index	138 g-index
203 ext. papers	21,808 ext. citations	9.4 avg, IF	6.19 L-index

#	Paper	IF	Citations
192	Pulmonary expression of interleukin-13 causes inflammation, mucus hypersecretion, subepithelial fibrosis, physiologic abnormalities, and eotaxin production. <i>Journal of Clinical Investigation</i> , 1999 , 103, 779-88	15.9	1321
191	Regulation of lung injury and repair by Toll-like receptors and hyaluronan. <i>Nature Medicine</i> , 2005 , 11, 1173-9	50.5	1133
190	Interleukin-13 induces tissue fibrosis by selectively stimulating and activating transforming growth factor beta(1). <i>Journal of Experimental Medicine</i> , 2001 , 194, 809-21	16.6	737
189	Acidic mammalian chitinase in asthmatic Th2 inflammation and IL-13 pathway activation. <i>Science</i> , 2004 , 304, 1678-82	33.3	669
188	A SNP in a let-7 microRNA complementary site in the KRAS 3' untranslated region increases non-small cell lung cancer risk. <i>Cancer Research</i> , 2008 , 68, 8535-40	10.1	536
187	A Prospective, Multi-institutional, Pathologist-Based Assessment of 4 Immunohistochemistry Assays for PD-L1 Expression in Non-Small Cell Lung Cancer. <i>JAMA Oncology</i> , 2017 , 3, 1051-1058	13.4	491
186	Vascular endothelial growth factor (VEGF) induces remodeling and enhances TH2-mediated sensitization and inflammation in the lung. <i>Nature Medicine</i> , 2004 , 10, 1095-103	50.5	482
185	Inducible targeting of IL-13 to the adult lung causes matrix metalloproteinase- and cathepsin-dependent emphysema. <i>Journal of Clinical Investigation</i> , 2000 , 106, 1081-93	15.9	474
184	Airway remodeling in asthma. <i>Journal of Clinical Investigation</i> , 1999 , 104, 1001-6	15.9	469
183	Regression of murine lung tumors by the let-7 microRNA. <i>Oncogene</i> , 2010 , 29, 1580-7	9.2	423
182	Induction of airway mucus production By T helper 2 (Th2) cells: a critical role for interleukin 4 in cell recruitment but not mucus production. <i>Journal of Experimental Medicine</i> , 1997 , 186, 1737-47	16.6	404
181	Interferon gamma induction of pulmonary emphysema in the adult murine lung. <i>Journal of Experimental Medicine</i> , 2000 , 192, 1587-600	16.6	341
180	A sensory neuronal ion channel essential for airway inflammation and hyperreactivity in asthma. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106, 9099-104	11.5	324
179	Role of breast regression protein 39 (BRP-39)/chitinase 3-like-1 in Th2 and IL-13-induced tissue responses and apoptosis. <i>Journal of Experimental Medicine</i> , 2009 , 206, 1149-66	16.6	310
178	Early growth response gene 1-mediated apoptosis is essential for transforming growth factor beta1-induced pulmonary fibrosis. <i>Journal of Experimental Medicine</i> , 2004 , 200, 377-89	16.6	308
177	New insights into the pathogenesis of asthma. <i>Journal of Clinical Investigation</i> , 2003 , 111, 291-7	15.9	305
176	Essential role of nuclear factor kappaB in the induction of eosinophilia in allergic airway inflammation. <i>Journal of Experimental Medicine</i> , 1998 , 188, 1739-50	16.6	279

175	Hyperoxia causes angiopoietin 2-mediated acute lung injury and necrotic cell death. <i>Nature Medicine</i> , 2006 , 12, 1286-93	50.5	273
174	Inhibition of allergic inflammation in a murine model of asthma by expression of a dominant-negative mutant of GATA-3. <i>Immunity</i> , 1999 , 11, 473-82	32.3	273
173	TGF-beta driven lung fibrosis is macrophage dependent and blocked by Serum amyloid P. <i>International Journal of Biochemistry and Cell Biology</i> , 2011 , 43, 154-62	5.6	265
172	Regulation of pulmonary fibrosis by chemokine receptor CXCR3. <i>Journal of Clinical Investigation</i> , 2004 , 114, 291-9	15.9	230
171	Overlapping and enzyme-specific contributions of matrix metalloproteinases-9 and -12 in IL-13-induced inflammation and remodeling. <i>Journal of Clinical Investigation</i> , 2002 , 110, 463-474	15.9	225
170	Mouse model of SARS-CoV-2 reveals inflammatory role of type I interferon signaling. <i>Journal of Experimental Medicine</i> , 2020 , 217,	16.6	223
169	Single-cell RNA-seq reveals ectopic and aberrant lung-resident cell populations in idiopathic pulmonary fibrosis. <i>Science Advances</i> , 2020 , 6, eaba1983	14.3	219
168	T helper 1 cells and interferon gamma regulate allergic airway inflammation and mucus production. <i>Journal of Experimental Medicine</i> , 1999 , 190, 1309-18	16.6	214
167	Interleukin-6-induced protection in hyperoxic acute lung injury. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2000 , 22, 535-42	5.7	195
166	Role of tissue protection in lethal respiratory viral-bacterial coinfection. <i>Science</i> , 2013 , 340, 1230-4	33.3	191
165	Chitinases and chitinase-like proteins in T(H)2 inflammation and asthma. <i>Journal of Allergy and Clinical Immunology</i> , 2005 , 116, 497-500	11.5	188
164	Th2-induced airway mucus production is dependent on IL-4Ralpha, but not on eosinophils. <i>Journal of Immunology</i> , 1999 , 162, 6178-83	5.3	178
163	Targeted expression of IL-11 in the murine airway causes lymphocytic inflammation, bronchial remodeling, and airways obstruction. <i>Journal of Clinical Investigation</i> , 1996 , 98, 2845-53	15.9	160
162	Mx1 reveals innate pathways to antiviral resistance and lethal influenza disease. <i>Science</i> , 2016 , 352, 463-6	33.3	159
161	Interleukin-13 mediates a fundamental pathway for airway epithelial mucus induced by CD4 T cells and interleukin-9. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2002 , 27, 593-602	5.7	157
160	IL-13-induced chemokine responses in the lung: role of CCR2 in the pathogenesis of IL-13-induced inflammation and remodeling. <i>Journal of Immunology</i> , 2002 , 168, 2953-62	5.3	156
159	Thyroid hormone inhibits lung fibrosis in mice by improving epithelial mitochondrial function. <i>Nature Medicine</i> , 2018 , 24, 39-49	50.5	152
158	Tetracycline-controlled transcriptional regulation systems: advances and application in transgenic animal modeling. <i>Seminars in Cell and Developmental Biology</i> , 2002 , 13, 121-8	7.5	150

157	Low ambient humidity impairs barrier function and innate resistance against influenza infection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 10905-10910	11.5	145
156	Targeted lung expression of interleukin-11 enhances murine tolerance of 100% oxygen and diminishes hyperoxia-induced DNA fragmentation. <i>Journal of Clinical Investigation</i> , 1998 , 101, 1970-82	15.9	145
155	Transforming growth factor (TGF)-beta1 stimulates pulmonary fibrosis and inflammation via a Bax-dependent, bid-activated pathway that involves matrix metalloproteinase-12. <i>Journal of Biological Chemistry</i> , 2007 , 282, 7723-32	5.4	141
154	Semaphorin 7A plays a critical role in TGF-beta1-induced pulmonary fibrosis. <i>Journal of Experimental Medicine</i> , 2007 , 204, 1083-93	16.6	139
153	Role of Tissue Factor in Metastasis: Functions of the Cytoplasmic and Extracellular Domains of the Molecule. <i>Thrombosis and Haemostasis</i> , 1999 , 82, 88-92	7	132
152	Airway hyperresponsiveness and airway obstruction in transgenic mice. Morphologic correlates in mice overexpressing interleukin (IL)-11 and IL-6 in the lung. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2000 , 22, 289-95	5.7	130
151	IL-13 stimulates vascular endothelial cell growth factor and protects against hyperoxic acute lung injury. <i>Journal of Clinical Investigation</i> , 2000 , 106, 783-91	15.9	130
150	Activation of the STAT pathway in acute lung injury. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2004 , 286, L1282-92	5.8	125
149	Cutting edge: TLR4 deficiency confers susceptibility to lethal oxidant lung injury. <i>Journal of Immunology</i> , 2005 , 175, 4834-8	5.3	123
148	Regulated overexpression of interleukin 11 in the lung. Use to dissociate development-dependent and -independent phenotypes. <i>Journal of Clinical Investigation</i> , 1997 , 100, 2501-11	15.9	123
147	Transgenic overexpression of interleukin (IL)-10 in the lung causes mucus metaplasia, tissue inflammation, and airway remodeling via IL-13-dependent and -independent pathways. <i>Journal of Biological Chemistry</i> , 2002 , 277, 35466-74	5.4	122
146	Role of cathepsin S-dependent epithelial cell apoptosis in IFN-gamma-induced alveolar remodeling and pulmonary emphysema. <i>Journal of Immunology</i> , 2005 , 174, 8106-15	5.3	118
145	IL-18 is induced and IL-18 receptor alpha plays a critical role in the pathogenesis of cigarette smoke-induced pulmonary emphysema and inflammation. <i>Journal of Immunology</i> , 2007 , 178, 1948-59	5.3	117
144	Inhibition of pulmonary fibrosis in mice by CXCL10 requires glycosaminoglycan binding and syndecan-4. <i>Journal of Clinical Investigation</i> , 2010 , 120, 2049-57	15.9	116
143	Chitinase 3-like 1 suppresses injury and promotes fibroproliferative responses in Mammalian lung fibrosis. <i>Science Translational Medicine</i> , 2014 , 6, 240ra76	17.5	112
142	Overlapping and enzyme-specific contributions of matrix metalloproteinases-9 and -12 in IL-13-induced inflammation and remodeling. <i>Journal of Clinical Investigation</i> , 2002 , 110, 463-74	15.9	112
141	Airway epithelial STAT3 is required for allergic inflammation in a murine model of asthma. <i>Journal of Immunology</i> , 2007 , 178, 6191-9	5.3	110
140	Use of the tetracycline-controlled transcriptional silencer (tTS) to eliminate transgene leak in inducible overexpression transgenic mice. <i>Journal of Biological Chemistry</i> , 2001 , 276, 25222-9	5.4	108

139	Endogenous and exogenous IL-6 inhibit aeroallergen-induced Th2 inflammation. <i>Journal of Immunology</i> , 2000 , 165, 4051-61	5.3	98
138	ERK1/2 mitogen-activated protein kinase selectively mediates IL-13-induced lung inflammation and remodeling in vivo. <i>Journal of Clinical Investigation</i> , 2006 , 116, 163-73	15.9	95
137	Transgenic modeling of transforming growth factor-beta(1): role of apoptosis in fibrosis and alveolar remodeling. <i>Proceedings of the American Thoracic Society</i> , 2006 , 3, 418-23		94
136	Essential role of nitric oxide in VEGF-induced, asthma-like angiogenic, inflammatory, mucus, and physiologic responses in the lung. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006 , 103, 11021-6	11.5	93
135	Airway remodeling in asthma: therapeutic implications of mechanisms. <i>Physiology</i> , 2005 , 20, 28-35	9.8	93
134	Zika virus causes testicular atrophy. <i>Science Advances</i> , 2017 , 3, e1602899	14.3	92
133	Thyroid transcription factor 1 is an independent prognostic factor for patients with stage I lung adenocarcinoma. <i>Journal of Clinical Oncology</i> , 2009 , 27, 271-8	2.2	90
132	Semaphorin 7a+ regulatory T cells are associated with progressive idiopathic pulmonary fibrosis and are implicated in transforming growth factor- β -induced pulmonary fibrosis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2013 , 187, 180-8	10.2	87
131	The C10/CCL6 chemokine and CCR1 play critical roles in the pathogenesis of IL-13-induced inflammation and remodeling. <i>Journal of Immunology</i> , 2004 , 172, 1872-81	5.3	86
130	Cytokine regulation of IL-13Ralpha2 and IL-13Ralpha1 in vivo and in vitro. <i>Journal of Allergy and Clinical Immunology</i> , 2003 , 111, 720-8	11.5	83
129	Role of early growth response-1 (Egr-1) in interleukin-13-induced inflammation and remodeling. <i>Journal of Biological Chemistry</i> , 2006 , 281, 8161-8	5.4	82
128	Evidence for the neoplastic transformation of Von-Meyenburg complexes. <i>American Journal of Surgical Pathology</i> , 2000 , 24, 1131-9	6.7	79
127	Idiopathic pulmonary fibrosis: new insights into pathogenesis. <i>Clinics in Chest Medicine</i> , 2004 , 25, 749-58, vii	5.3	76
126	Role of CCR5 in IFN-gamma-induced and cigarette smoke-induced emphysema. <i>Journal of Clinical Investigation</i> , 2005 , 115, 3460-72	15.9	76
125	Differential expression of chitinases identify subsets of murine airway epithelial cells in allergic inflammation. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2006 , 291, L502-11	5.8	74
124	Airway inflammation and remodeling in asthma. Lessons from interleukin 11 and interleukin 13 transgenic mice. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2001 , 164, S67-70	10.2	74
123	Bcl-2-related protein A1 is an endogenous and cytokine-stimulated mediator of cytoprotection in hyperoxic acute lung injury. <i>Journal of Clinical Investigation</i> , 2005 , 115, 1039-48	15.9	74
122	Inhibition of the Src and Jak kinases protects against lipopolysaccharide-induced acute lung injury. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2005 , 171, 858-67	10.2	73

121	Back to the future: historical perspective on the pathogenesis of idiopathic pulmonary fibrosis. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2005 , 33, 113-20	5.7	71
120	IL-4 promotes airway eosinophilia by suppressing IFN-gamma production: defining a novel role for IFN-gamma in the regulation of allergic airway inflammation. <i>Journal of Immunology</i> , 2001 , 166, 2760-7	5.3	71
119	Modern concepts on the role of inflammation in pulmonary fibrosis. <i>Archives of Pathology and Laboratory Medicine</i> , 2011 , 135, 780-8	5	71
118	Role of semaphorin 7a signaling in transforming growth factor β -induced lung fibrosis and scleroderma-related interstitial lung disease. <i>Arthritis and Rheumatism</i> , 2011 , 63, 2484-94		68
117	IL-13 receptor alpha2 selectively inhibits IL-13-induced responses in the murine lung. <i>Journal of Immunology</i> , 2008 , 180, 522-9	5.3	68
116	State of the art. Mechanistic heterogeneity in chronic obstructive pulmonary disease: insights from transgenic mice. <i>Proceedings of the American Thoracic Society</i> , 2006 , 3, 494-8		67
115	IL9 leads to airway inflammation by inducing IL13 expression in airway epithelial cells. <i>International Immunology</i> , 2007 , 19, 1-10	4.9	65
114	Developmental differences in the responses of IL-6 and IL-13 transgenic mice exposed to hyperoxia. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2007 , 293, L142-50	5.8	64
113	IL-11 receptor alpha in the pathogenesis of IL-13-induced inflammation and remodeling. <i>Journal of Immunology</i> , 2005 , 174, 2305-13	5.3	64
112	Developmental regulation of NO-mediated VEGF-induced effects in the lung. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2008 , 39, 420-30	5.7	62
111	Adenosine metabolism and murine strain-specific IL-4-induced inflammation, emphysema, and fibrosis. <i>Journal of Clinical Investigation</i> , 2006 , 116, 1274-83	15.9	59
110	Role of breast regression protein-39 in the pathogenesis of cigarette smoke-induced inflammation and emphysema. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2011 , 44, 777-86	5.7	56
109	Hyperoxia and interferon- γ -induced injury in developing lungs occur via cyclooxygenase-2 and the endoplasmic reticulum stress-dependent pathway. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2013 , 48, 749-57	5.7	55
108	Airway epithelial MyD88 restores control of <i>Pseudomonas aeruginosa</i> murine infection via an IL-1-dependent pathway. <i>Journal of Immunology</i> , 2011 , 186, 7080-8	5.3	55
107	IL-11 selectively inhibits aeroallergen-induced pulmonary eosinophilia and Th2 cytokine production. <i>Journal of Immunology</i> , 2000 , 165, 2222-31	5.3	54
106	Consequences of long-term inflammation. Airway remodeling. <i>Clinics in Chest Medicine</i> , 2000 , 21, 331-43, ix	5.3	53
105	Identification of EGFR mutation, KRAS mutation, and ALK gene rearrangement in cytological specimens of primary and metastatic lung adenocarcinoma. <i>Cancer Cytopathology</i> , 2013 , 121, 500-7	3.9	52
104	Pulmonary type II cell hypertrophy and pulmonary lipoproteinosis are features of chronic IL-13 exposure. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2002 , 283, L52-9	5.8	52

103	Transcriptional regulatory model of fibrosis progression in the human lung. <i>JCI Insight</i> , 2019 , 4,	9.9	52
102	A role for matrix metalloproteinase 9 in IFN γ -mediated injury in developing lungs: relevance to bronchopulmonary dysplasia. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2011 , 44, 621-30	5.7	51
101	IFN- γ acts on the airway epithelium to inhibit local and systemic pathology in allergic airway disease. <i>Journal of Immunology</i> , 2011 , 187, 3815-20	5.3	51
100	Suppression of NLRX1 in chronic obstructive pulmonary disease. <i>Journal of Clinical Investigation</i> , 2015 , 125, 2458-62	15.9	50
99	Approach to the ground-glass nodule. <i>Clinics in Chest Medicine</i> , 2011 , 32, 799-810	5.3	49
98	Increased hyperoxia-induced mortality and acute lung injury in IL-13 null mice. <i>Journal of Immunology</i> , 2007 , 178, 4993-5000	5.3	49
97	Enhanced innate immune responsiveness to pulmonary <i>Cryptococcus neoformans</i> infection is associated with resistance to progressive infection. <i>Infection and Immunity</i> , 2008 , 76, 4745-56	3.7	47
96	Pulmonary manifestations of rheumatoid arthritis. <i>Clinics in Chest Medicine</i> , 2010 , 31, 451-78	5.3	45
95	IL-11: insights in asthma from overexpression transgenic modeling. <i>Journal of Allergy and Clinical Immunology</i> , 2001 , 108, 489-96	11.5	45
94	Endogenous IL-11 signaling is essential in Th2- and IL-13-induced inflammation and mucus production. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2008 , 39, 739-46	5.7	44
93	Conditional overexpression of TGF β 1 promotes pulmonary inflammation, apoptosis and mortality via TGF β 2 in the developing mouse lung. <i>Respiratory Research</i> , 2015 , 16, 4	7.3	42
92	High expression of BCL-2 predicts favorable outcome in non-small cell lung cancer patients with non squamous histology. <i>BMC Cancer</i> , 2010 , 10, 186	4.8	41
91	Inhibition of Regulatory-Associated Protein of Mechanistic Target of Rapamycin Prevents Hyperoxia-Induced Lung Injury by Enhancing Autophagy and Reducing Apoptosis in Neonatal Mice. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2016 , 55, 722-735	5.7	40
90	Comparison of Transbronchial and Cryobiopsies in Evaluation of Diffuse Parenchymal Lung Disease. <i>Journal of Bronchology and Interventional Pulmonology</i> , 2016 , 23, 14-21	1.8	39
89	Identification and validation of differentially expressed transcripts by RNA-sequencing of formalin-fixed, paraffin-embedded (FFPE) lung tissue from patients with Idiopathic Pulmonary Fibrosis. <i>BMC Pulmonary Medicine</i> , 2017 , 17, 15	3.5	38
88	SH2 Domain-Containing Phosphatase-2 Is a Novel Antifibrotic Regulator in Pulmonary Fibrosis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017 , 195, 500-514	10.2	37
87	Plexin C1 deficiency permits synaptotagmin 7-mediated macrophage migration and enhances mammalian lung fibrosis. <i>FASEB Journal</i> , 2016 , 30, 4056-4070	0.9	35
86	IL-13 receptor α -arginase 2 pathway mediates IL-13-induced pulmonary hypertension. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2013 , 304, L112-24	5.8	35

85	Epithelial reticulon 4B (Nogo-B) is an endogenous regulator of Th2-driven lung inflammation. <i>Journal of Experimental Medicine</i> , 2010 , 207, 2595-607	16.6	35
84	Role of 5-lipoxygenase in IL-13-induced pulmonary inflammation and remodeling. <i>Journal of Immunology</i> , 2006 , 177, 1918-24	5.3	35
83	Inhibition of NF-kappaB activation reduces the tissue effects of transgenic IL-13. <i>Journal of Immunology</i> , 2007 , 179, 7030-41	5.3	35
82	Oncogenic EGFR Represses the TET1 DNA Demethylase to Induce Silencing of Tumor Suppressors in Cancer Cells. <i>Cell Reports</i> , 2016 , 16, 457-471	10.6	32
81	Acidic mammalian chitinase is secreted via an ADAM17/epidermal growth factor receptor-dependent pathway and stimulates chemokine production by pulmonary epithelial cells. <i>Journal of Biological Chemistry</i> , 2008 , 283, 33472-82	5.4	32
80	Interstitial lung disease in the connective tissue diseases. <i>Clinics in Chest Medicine</i> , 2012 , 33, 123-49	5.3	31
79	High expression of mammalian target of rapamycin is associated with better outcome for patients with early stage lung adenocarcinoma. <i>Clinical Cancer Research</i> , 2009 , 15, 4157-64	12.9	31
78	Diffuse panbronchiolitis in a Hispanic man with travel history to Japan. <i>Chest</i> , 1995 , 107, 1176-8	5.3	31
77	Increased hyperoxia-induced lung injury in nitric oxide synthase 2 null mice is mediated via angiopoietin 2. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2012 , 46, 668-76	5.7	30
76	P21 regulates TGF-beta1-induced pulmonary responses via a TNF-alpha-signaling pathway. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2008 , 38, 346-53	5.7	30
75	Role of CCR5 in the pathogenesis of IL-13-induced inflammation and remodeling. <i>Journal of Immunology</i> , 2006 , 176, 4968-78	5.3	30
74	Single Cell RNA-seq reveals ectopic and aberrant lung resident cell populations in Idiopathic Pulmonary Fibrosis		30
73	Introduction: asthma in the new millennium. <i>Chest</i> , 2003 , 123, 339S	5.3	29
72	Genetic control of transforming growth factor-beta1-induced emphysema and fibrosis in the murine lung. <i>Proceedings of the American Thoracic Society</i> , 2006 , 3, 476-477		28
71	A critical regulatory role for macrophage migration inhibitory factor in hyperoxia-induced injury in the developing murine lung. <i>PLoS ONE</i> , 2013 , 8, e60560	3.7	28
70	IL-6 receptor defines effector memory CD8+ T cells producing Th2 cytokines and expanding in asthma. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2014 , 190, 1383-94	10.2	27
69	Mouse model of SARS-CoV-2 reveals inflammatory role of type I interferon signaling 2020 ,		27
68	Drug Sensitivity and Allele Specificity of First-Line Osimertinib Resistance Mutations. <i>Cancer Research</i> , 2020 , 80, 2017-2030	10.1	27

67	CD4+CD25+FoxP3+ Regulatory Tregs inhibit fibrocyte recruitment and fibrosis via suppression of FGF-9 production in the TGF- β exposed murine lung. <i>Frontiers in Pharmacology</i> , 2014 , 5, 80	5.6	26
66	Cytokine Regulation of Mucus Production in a Model of Allergic Asthma. <i>Novartis Foundation Symposium</i> , 2008 , 201-220		26
65	Cathepsin E promotes pulmonary emphysema via mitochondrial fission. <i>American Journal of Pathology</i> , 2014 , 184, 2730-41	5.8	25
64	PathologistsPstaging of multiple foci of lung cancer: poor concordance in absence of dramatic histologic or molecular differences. <i>American Journal of Clinical Pathology</i> , 2015 , 143, 701-6	1.9	23
63	A critical role of SHP-1 in regulation of type 2 inflammation in the lung. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2009 , 40, 568-74	5.7	23
62	Chronic inflammation and lung fibrosis: pleotropic syndromes but limited distinct phenotypes. <i>Mucosal Immunology</i> , 2012 , 5, 480-4	9.2	22
61	Integrated Single-Cell Atlas of Endothelial Cells of the Human Lung. <i>Circulation</i> , 2021 , 144, 286-302	16.7	22
60	Reanalysis of the NCCN PD-L1 companion diagnostic assay study for lung cancer in the context of PD-L1 expression findings in triple-negative breast cancer. <i>Breast Cancer Research</i> , 2019 , 21, 72	8.3	21
59	Molecular classification of nonsmall cell lung cancer using a 4-protein quantitative assay. <i>Cancer</i> , 2012 , 118, 1607-18	6.4	21
58	A novel pathway that regulates inflammatory disease in the respiratory tract. <i>Journal of Immunology</i> , 2007 , 178, 3846-55	5.3	21
57	Pulmonary expression of leukemia inhibitory factor induces B cell hyperplasia and confers protection in hyperoxia. <i>Journal of Biological Chemistry</i> , 2003 , 278, 31226-32	5.4	21
56	Preparation, characterization, and evaluation of a monoclonal antibody against the rabbit platelet glycoprotein IIb/IIIa in an experimental angioplasty model. <i>Circulation Research</i> , 1994 , 75, 268-77	15.7	20
55	Matrix Metalloproteinase-Targeted Imaging of Lung Inflammation and Remodeling. <i>Journal of Nuclear Medicine</i> , 2017 , 58, 138-143	8.9	19
54	Targeted lung expression of interleukin-11 enhances murine tolerance of 100% oxygen and diminishes hyperoxia-induced DNA fragmentation. <i>Chest</i> , 1999 , 116, 85-95	5.3	19
53	RIG-like helicase innate immunity inhibits vascular endothelial growth factor tissue responses via a type I IFN-dependent mechanism. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2011 , 183, 1322-35	10.2	18
52	Recent advances in pulmonary fibrosis: implications for scleroderma. <i>Current Opinion in Rheumatology</i> , 2010 , 22, 683-9	5.3	18
51	Airway hyper-reactivity mediated by B-1 cell immunoglobulin M antibody generating complement C5a at 1 day post-immunization in a murine hapten model of non-atopic asthma. <i>Immunology</i> , 2004 , 113, 234-45	7.8	16
50	Increased susceptibility of Cftr-/- mice to LPS-induced lung remodeling. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2016 , 310, L711-9	5.8	16

49	Endobronchial Ultrasound-Guided Cautery-Assisted Transbronchial Forceps Biopsies: Safety and Sensitivity Relative to Transbronchial Needle Aspiration. <i>Annals of Thoracic Surgery</i> , 2016 , 101, 1870-6	2.7	15
48	Role of Nitric Oxide Isoforms in Vascular and Alveolar Development and Lung Injury in Vascular Endothelial Growth Factor Overexpressing Neonatal Mice Lungs. <i>PLoS ONE</i> , 2016 , 11, e0147588	3.7	15
47	Cutting edge: Limiting MHC class II expression to dendritic cells alters the ability to develop Th2-dependent allergic airway inflammation. <i>Journal of Immunology</i> , 2009 , 183, 1523-7	5.3	14
46	Eosinophilic pneumonia as a presentation of occult chronic granulomatous disease. <i>European Respiratory Journal</i> , 1997 , 10, 2166-70	13.6	14
45	T cell unresponsiveness correlates with quantitative TCR levels in a transgenic model. <i>International Immunology</i> , 1993 , 5, 1495-500	4.9	14
44	Genetic Determinants of EGFR-Driven Lung Cancer Growth and Therapeutic Response. <i>Cancer Discovery</i> , 2021 , 11, 1736-1753	24.4	14
43	Primary malignant melanoma of the transverse colon: report of a case and review of the literature. <i>International Journal of Surgical Pathology</i> , 2007 , 15, 401-7	1.2	13
42	Transgenic modeling of interleukin-13 in the lung. <i>Chest</i> , 2003 , 123, 339S-45S	5.3	13
41	A Semiquantitative Scoring System May Allow Biopsy Diagnosis of Pulmonary Large Cell Neuroendocrine Carcinoma. <i>American Journal of Clinical Pathology</i> , 2020 , 153, 165-174	1.9	11
40	Genetic, serological and functional analysis of I-J molecules. <i>Immunological Reviews</i> , 1985 , 83, 79-103	11.3	10
39	Macrophage-derived netrin-1 drives adrenergic nerve-associated lung fibrosis. <i>Journal of Clinical Investigation</i> , 2021 , 131,	15.9	10
38	Susceptibility to progressive <i>Cryptococcus neoformans</i> pulmonary infection is regulated by loci on mouse chromosomes 1 and 9. <i>Infection and Immunity</i> , 2012 , 80, 4167-76	3.7	9
37	Antineutrophil cytoplasmic antibodies as markers for systemic autoimmune disease. <i>Clinics in Chest Medicine</i> , 1998 , 19, 627-39, viii	5.3	9
36	IFN-gamma-dependent DNA injury and/or apoptosis are critical in cigarette smoke-induced murine emphysema. <i>Proceedings of the American Thoracic Society</i> , 2006 , 3, 517-8		9
35	Thymus-derived B cell clones persist in the circulation after thymectomy in myasthenia gravis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 30649-30660	11.5	9
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