

Paul S Foster

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219
papers

14,142
citations

68
h-index

111
g-index

231
ext. papers

15,813
ext. citations

7.5
avg, IF

6.29
L-index

#	Paper	IF	Citations
219	Eosinophils: changing perspectives in health and disease. <i>Nature Reviews Immunology</i> , 2013 , 13, 9-22	36.5	559
218	Antagonism of microRNA-126 suppresses the effector function of TH2 cells and the development of allergic airways disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106, 18704-9	11.5	360
217	Eosinophil trafficking in allergy and asthma. <i>Journal of Allergy and Clinical Immunology</i> , 2007 , 119, 1303-10; quiz 1311-2	11.5	298
216	Fundamental signals that regulate eosinophil homing to the gastrointestinal tract. <i>Journal of Clinical Investigation</i> , 1999 , 103, 1719-27	15.9	291
215	Dissection of experimental asthma with DNA microarray analysis identifies arginase in asthma pathogenesis. <i>Journal of Clinical Investigation</i> , 2003 , 111, 1863-74	15.9	288
214	Integrated signals between IL-13, IL-4, and IL-5 regulate airways hyperreactivity. <i>Journal of Immunology</i> , 2000 , 165, 108-13	5.3	270
213	Chemokines in asthma: cooperative interaction between chemokines and IL-13. <i>Journal of Allergy and Clinical Immunology</i> , 2003 , 111, 227-42; quiz 243	11.5	261
212	A pathological function for eotaxin and eosinophils in eosinophilic gastrointestinal inflammation. <i>Nature Immunology</i> , 2001 , 2, 353-60	19.1	249
211	Intrinsic defect in T cell production of interleukin (IL)-13 in the absence of both IL-5 and eotaxin precludes the development of eosinophilia and airways hyperreactivity in experimental asthma. <i>Journal of Experimental Medicine</i> , 2002 , 195, 1433-44	16.6	230
210	IL-13 induces eosinophil recruitment into the lung by an IL-5- and eotaxin-dependent mechanism. <i>Journal of Allergy and Clinical Immunology</i> , 2001 , 108, 594-601	11.5	230
209	IL-9- and mast cell-mediated intestinal permeability predisposes to oral antigen hypersensitivity. <i>Journal of Experimental Medicine</i> , 2008 , 205, 897-913	16.6	207
208	Eosinophils contribute to innate antiviral immunity and promote clearance of respiratory syncytial virus. <i>Blood</i> , 2007 , 110, 1578-86	2.2	200
207	Elemental signals regulating eosinophil accumulation in the lung. <i>Immunological Reviews</i> , 2001 , 179, 173-81	11.3	190
206	Inhibition of house dust mite-induced allergic airways disease by antagonism of microRNA-145 is comparable to glucocorticoid treatment. <i>Journal of Allergy and Clinical Immunology</i> , 2011 , 128, 160-167.e4	11.5	176
205	Modeling allergic asthma in mice: pitfalls and opportunities. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2002 , 27, 267-72	5.7	175
204	Eosinophils promote allergic disease of the lung by regulating CD4(+) Th2 lymphocyte function. <i>Journal of Immunology</i> , 2001 , 167, 3146-55	5.3	172
203	The "classical" ovalbumin challenge model of asthma in mice. <i>Current Drug Targets</i> , 2008 , 9, 485-94	3	171

202	A new short-term mouse model of chronic obstructive pulmonary disease identifies a role for mast cell tryptase in pathogenesis. <i>Journal of Allergy and Clinical Immunology</i> , 2013 , 131, 752-62	11.5	165
201	The effect of IL-5 and eotaxin expression in the lung on eosinophil trafficking and degranulation and the induction of bronchial hyperreactivity. <i>Journal of Immunology</i> , 2000 , 164, 2142-50	5.3	154
200	Regulation of carcinogenesis by IL-5 and CCL11: a potential role for eosinophils in tumor immune surveillance. <i>Journal of Immunology</i> , 2007 , 178, 4222-9	5.3	152
199	Type 2 cytokines in the pathogenesis of sustained airway dysfunction and airway remodeling in mice. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2004 , 169, 860-7	10.2	145
198	Schistosoma mansoni infection in eosinophil lineage-ablated mice. <i>Blood</i> , 2006 , 108, 2420-7	2.2	144
197	Transgenic expression of bean alpha-amylase inhibitor in peas results in altered structure and immunogenicity. <i>Journal of Agricultural and Food Chemistry</i> , 2005 , 53, 9023-30	5.7	139
196	Toll/IL-1 signaling is critical for house dust mite-specific helper T cell type 2 and type 17 [corrected] responses. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2009 , 179, 883-93	10.2	136
195	Inhibition of inflammation and remodeling by roflumilast and dexamethasone in murine chronic asthma. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2003 , 307, 349-55	4.7	136
194	Expression of the Ym2 lectin-binding protein is dependent on interleukin (IL)-4 and IL-13 signal transduction: identification of a novel allergy-associated protein. <i>Journal of Biological Chemistry</i> , 2001 , 276, 41969-76	5.4	133
193	MicroRNA-21 drives severe, steroid-insensitive experimental asthma by amplifying phosphoinositide 3-kinase-mediated suppression of histone deacetylase 2. <i>Journal of Allergy and Clinical Immunology</i> , 2017 , 139, 519-532	11.5	132
192	Immunopathogenesis of experimental ulcerative colitis is mediated by eosinophil peroxidase. <i>Journal of Immunology</i> , 2004 , 172, 5664-75	5.3	128
191	IL-13 induces airways hyperreactivity independently of the IL-4R alpha chain in the allergic lung. <i>Journal of Immunology</i> , 2001 , 167, 1683-92	5.3	127
190	Interleukin-13 mediates airways hyperreactivity through the IL-4 receptor-alpha chain and STAT-6 independently of IL-5 and eotaxin. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2001 , 25, 522-30	5.7	127
189	Effects of anticytokine therapy in a mouse model of chronic asthma. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2004 , 170, 1043-8	10.2	124
188	TLR7 is involved in sequence-specific sensing of single-stranded RNAs in human macrophages. <i>Journal of Immunology</i> , 2008 , 180, 2117-24	5.3	119
187	Cytokine/anti-cytokine therapy - novel treatments for asthma?. <i>British Journal of Pharmacology</i> , 2011 , 163, 81-95	8.6	115
186	Combined Haemophilus influenzae respiratory infection and allergic airways disease drives chronic infection and features of neutrophilic asthma. <i>Thorax</i> , 2012 , 67, 588-99	7.3	114
185	Altered expression of microRNA in the airway wall in chronic asthma: miR-126 as a potential therapeutic target. <i>BMC Pulmonary Medicine</i> , 2011 , 11, 29	3.5	112

184	NK cell deficiency predisposes to viral-induced Th2-type allergic inflammation via epithelial-derived IL-25. <i>Journal of Immunology</i> , 2010 , 185, 4681-90	5.3	112
183	Haemophilus influenzae infection drives IL-17-mediated neutrophilic allergic airways disease. <i>PLoS Pathogens</i> , 2011 , 7, e1002244	7.6	112
182	The E3 ubiquitin ligase midline 1 promotes allergen and rhinovirus-induced asthma by inhibiting protein phosphatase 2A activity. <i>Nature Medicine</i> , 2013 , 19, 232-7	50.5	110
181	Polymorphisms in the IL 18 gene are associated with specific sensitization to common allergens and allergic rhinitis. <i>Journal of Allergy and Clinical Immunology</i> , 2003 , 111, 117-22	11.5	108
180	Mucosal IL-12 gene delivery inhibits allergic airways disease and restores local antiviral immunity. <i>European Journal of Immunology</i> , 1998 , 28, 413-23	6.1	105
179	Macrolide therapy suppresses key features of experimental steroid-sensitive and steroid-insensitive asthma. <i>Thorax</i> , 2015 , 70, 458-67	7.3	103
178	Steroid-resistant neutrophilic inflammation in a mouse model of an acute exacerbation of asthma. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2008 , 39, 543-50	5.7	103
177	Critical link between TRAIL and CCL20 for the activation of TH2 cells and the expression of allergic airway disease. <i>Nature Medicine</i> , 2007 , 13, 1308-15	50.5	102
176	Targeting PI3K-p110 β suppresses Influenza Virus Infection in Chronic Obstructive Pulmonary Disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2015 , 191, 1012-23	10.2	99
175	Neonatal chlamydial infection induces mixed T-cell responses that drive allergic airway disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2007 , 176, 556-64	10.2	99
174	Eotaxin-2 and IL-5 cooperate in the lung to regulate IL-13 production and airway eosinophilia and hyperreactivity. <i>Journal of Allergy and Clinical Immunology</i> , 2003 , 112, 935-43	11.5	97
173	The IL-3/IL-5/GM-CSF common receptor plays a pivotal role in the regulation of Th2 immunity and allergic airway inflammation. <i>Journal of Immunology</i> , 2008 , 180, 1199-206	5.3	95
172	Effect of steroids on beta-adrenoceptor-mediated relaxation of pig bronchus. <i>British Journal of Pharmacology</i> , 1983 , 78, 441-5	8.6	90
171	Interleukin-5 and eosinophils induce airway damage and bronchial hyperreactivity during allergic airway inflammation in BALB/c mice. <i>Immunology and Cell Biology</i> , 1997 , 75, 284-8	5	88
170	IL-27/IFN- γ induce MyD88-dependent steroid-resistant airway hyperresponsiveness by inhibiting glucocorticoid signaling in macrophages. <i>Journal of Immunology</i> , 2010 , 185, 4401-9	5.3	87
169	Inhibition of arginase I activity by RNA interference attenuates IL-13-induced airways hyperresponsiveness. <i>Journal of Immunology</i> , 2006 , 177, 5595-603	5.3	86
168	Early-life chlamydial lung infection enhances allergic airways disease through age-dependent differences in immunopathology. <i>Journal of Allergy and Clinical Immunology</i> , 2010 , 125, 617-25, 625.e1-625.e6	11.5	84
167	Mechanisms and treatments for severe, steroid-resistant allergic airway disease and asthma. <i>Immunological Reviews</i> , 2017 , 278, 41-62	11.3	83

166	Impaired resistance in early secondary <i>Nippostrongylus brasiliensis</i> infections in mice with defective eosinophilopoiesis. <i>International Journal for Parasitology</i> , 2007 , 37, 1367-78	4.3	81
165	Negative regulation of eosinophil recruitment to the lung by the chemokine monokine induced by IFN-gamma (Mig, CXCL9). <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004 , 101, 1987-92	11.5	81
164	Dissociation of inflammatory and epithelial responses in a murine model of chronic asthma. <i>Laboratory Investigation</i> , 2000 , 80, 655-62	5.9	78
163	Enterocyte expression of the eotaxin and interleukin-5 transgenes induces compartmentalized dysregulation of eosinophil trafficking. <i>Journal of Biological Chemistry</i> , 2002 , 277, 4406-12	5.4	77
162	The emerging role of microRNAs in regulating immune and inflammatory responses in the lung. <i>Immunological Reviews</i> , 2013 , 253, 198-215	11.3	76
161	Active vaccination against IL-5 bypasses immunological tolerance and ameliorates experimental asthma. <i>Journal of Immunology</i> , 2001 , 167, 3792-9	5.3	75
160	Emerging roles of pulmonary macrophages in driving the development of severe asthma. <i>Journal of Leukocyte Biology</i> , 2012 , 91, 557-69	6.5	74
159	Toll-like receptor 7 governs interferon and inflammatory responses to rhinovirus and is suppressed by IL-5-induced lung eosinophilia. <i>Thorax</i> , 2015 , 70, 854-61	7.3	72
158	Chlamydial respiratory infection during allergen sensitization drives neutrophilic allergic airways disease. <i>Journal of Immunology</i> , 2010 , 184, 4159-69	5.3	72
157	Ym1/2 promotes Th2 cytokine expression by inhibiting 12/15(S)-lipoxygenase: identification of a novel pathway for regulating allergic inflammation. <i>Journal of Immunology</i> , 2009 , 182, 5393-9	5.3	72
156	MicroRNA-125a and -b inhibit A20 and MAVS to promote inflammation and impair antiviral response in COPD. <i>JCI Insight</i> , 2017 , 2, e90443	9.9	70
155	Th22 Cells Form a Distinct Th Lineage from Th17 Cells In Vitro with Unique Transcriptional Properties and Tbet-Dependent Th1 Plasticity. <i>Journal of Immunology</i> , 2017 , 198, 2182-2190	5.3	68
154	Modeling T 2 responses and airway inflammation to understand fundamental mechanisms regulating the pathogenesis of asthma. <i>Immunological Reviews</i> , 2017 , 278, 20-40	11.3	68
153	Pathogenesis of steroid-resistant airway hyperresponsiveness: interaction between IFN-gamma and TLR4/MyD88 pathways. <i>Journal of Immunology</i> , 2009 , 182, 5107-15	5.3	68
152	Plasmacytoid dendritic cells promote host defense against acute pneumovirus infection via the TLR7-MyD88-dependent signaling pathway. <i>Journal of Immunology</i> , 2011 , 186, 5938-48	5.3	68
151	Regulation of microRNA by antagomirs: a new class of pharmacological antagonists for the specific regulation of gene function?. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2007 , 36, 8-12	5.7	68
150	Interleukins-4, -5, and -13: emerging therapeutic targets in allergic disease 2002 , 94, 253-64		68
149	MicroRNA-9 regulates steroid-resistant airway hyperresponsiveness by reducing protein phosphatase 2A activity. <i>Journal of Allergy and Clinical Immunology</i> , 2015 , 136, 462-73	11.5	67

148	Importance of mast cell Prss31/transmembrane tryptase/tryptase- α in lung function and experimental chronic obstructive pulmonary disease and colitis. <i>Journal of Biological Chemistry</i> , 2014 , 289, 18214-27	5.4	67
147	Interferon-gamma as a possible target in chronic asthma. <i>Inflammation and Allergy: Drug Targets</i> , 2006 , 5, 253-6		67
146	Altered zinc homeostasis and caspase-3 activity in murine allergic airway inflammation. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2002 , 27, 286-96	5.7	67
145	Components of <i>Streptococcus pneumoniae</i> suppress allergic airways disease and NKT cells by inducing regulatory T cells. <i>Journal of Immunology</i> , 2012 , 188, 4611-20	5.3	66
144	Chemokines and chemokine receptors: their role in allergic airway disease. <i>Journal of Clinical Immunology</i> , 1999 , 19, 250-65	5.7	65
143	Th2 cytokine antagonists: potential treatments for severe asthma. <i>Expert Opinion on Investigational Drugs</i> , 2013 , 22, 49-69	5.9	64
142	Comparative roles of IL-4, IL-13, and IL-4R α in dendritic cell maturation and CD4 ⁺ Th2 cell function. <i>Journal of Immunology</i> , 2007 , 178, 219-27	5.3	63
141	Biochemical and functional characterization of human transmembrane tryptase (TMT)/tryptase gamma. TMT is an exocytosed mast cell protease that induces airway hyperresponsiveness in vivo via an interleukin-13/interleukin-4 receptor alpha/signal transducer and activator of transcription (STAT) 6-dependent pathway. <i>Journal of Biological Chemistry</i> , 2002 , 277, 41908-15	5.4	61
140	Interleukin-5 and eosinophils as therapeutic targets for asthma. <i>Trends in Molecular Medicine</i> , 2002 , 8, 162-7	11.5	61
139	Airway remodelling and inflammation in asthma are dependent on the extracellular matrix protein fibulin-1c. <i>Journal of Pathology</i> , 2017 , 243, 510-523	9.4	60
138	Interleukin-13 promotes susceptibility to chlamydial infection of the respiratory and genital tracts. <i>PLoS Pathogens</i> , 2011 , 7, e1001339	7.6	58
137	Potential therapeutic targets for steroid-resistant asthma. <i>Current Drug Targets</i> , 2010 , 11, 957-70	3	57
136	Inhibition of allergic airways disease by immunomodulatory therapy with whole killed <i>Streptococcus pneumoniae</i> . <i>Vaccine</i> , 2007 , 25, 8154-62	4.1	56
135	Early-life viral infection and allergen exposure interact to induce an asthmatic phenotype in mice. <i>Respiratory Research</i> , 2010 , 11, 14	7.3	55
134	Pneumococcal conjugate vaccine-induced regulatory T cells suppress the development of allergic airways disease. <i>Thorax</i> , 2010 , 65, 1053-60	7.3	53
133	Reduction of tumstatin in asthmatic airways contributes to angiogenesis, inflammation, and hyperresponsiveness. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2010 , 181, 106-15	10.2	52
132	Physiological concentrations of transforming growth factor beta1 selectively inhibit human dendritic cell function. <i>International Immunopharmacology</i> , 2007 , 7, 1924-33	5.8	51
131	Targeting MicroRNA Function in Respiratory Diseases: Mini-Review. <i>Frontiers in Physiology</i> , 2016 , 7, 21	4.6	51

130	MicroRNA Expression Is Altered in an Ovalbumin-Induced Asthma Model and Targeting miR-155 with Antagomirs Reveals Cellular Specificity. <i>PLoS ONE</i> , 2015 , 10, e0144810	3.7	50
129	<i>Chlamydia muridarum</i> infection subverts dendritic cell function to promote Th2 immunity and airways hyperreactivity. <i>Journal of Immunology</i> , 2008 , 180, 2225-32	5.3	50
128	Toll-like receptor 7 gene deficiency and early-life Pneumovirus infection interact to predispose toward the development of asthma-like pathology in mice. <i>Journal of Allergy and Clinical Immunology</i> , 2013 , 131, 1331-9.e10	11.5	49
127	TLR2, but not TLR4, is required for effective host defence against <i>Chlamydia</i> respiratory tract infection in early life. <i>PLoS ONE</i> , 2012 , 7, e39460	3.7	49
126	Antagonism of miR-328 increases the antimicrobial function of macrophages and neutrophils and rapid clearance of non-typeable <i>Haemophilus influenzae</i> (NTHi) from infected lung. <i>PLoS Pathogens</i> , 2015 , 11, e1004549	7.6	47
125	Emerging role of tumour necrosis factor-related apoptosis-inducing ligand (TRAIL) as a key regulator of inflammatory responses. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2009 , 36, 1049-53	3	47
124	CD4(+) T-lymphocytes regulate airway remodeling and hyper-reactivity in a mouse model of chronic asthma. <i>Laboratory Investigation</i> , 2002 , 82, 455-62	5.9	47
123	Airway hyperreactivity in exacerbation of chronic asthma is independent of eosinophilic inflammation. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2006 , 35, 565-70	5.7	46
122	Fibulin-1 is increased in asthma--a novel mediator of airway remodeling?. <i>PLoS ONE</i> , 2010 , 5, e13360	3.7	45
121	Respiratory viral infection, epithelial cytokines, and innate lymphoid cells in asthma exacerbations. <i>Journal of Leukocyte Biology</i> , 2014 , 96, 391-6	6.5	43
120	Eosinophil degranulation in the allergic lung of mice primarily occurs in the airway lumen. <i>Journal of Leukocyte Biology</i> , 2004 , 75, 1001-9	6.5	43
119	New insights into the generation of Th2 immunity and potential therapeutic targets for the treatment of asthma. <i>Current Opinion in Allergy and Clinical Immunology</i> , 2011 , 11, 39-45	3.3	42
118	The contribution of toll-like receptors to the pathogenesis of asthma. <i>Immunology and Cell Biology</i> , 2007 , 85, 463-70	5	42
117	Regulation of eosinophil migration and Th2 cell function by IL-5 and eotaxin. <i>Inflammation and Allergy: Drug Targets</i> , 2003 , 2, 169-74		42
116	ICAM-1-dependent pathways regulate colonic eosinophilic inflammation. <i>Journal of Leukocyte Biology</i> , 2006 , 80, 330-41	6.5	41
115	A plant-based allergy vaccine suppresses experimental asthma via an IFN-gamma and CD4+CD45RB ^{low} T cell-dependent mechanism. <i>Journal of Immunology</i> , 2003 , 171, 2116-26	5.3	41
114	Are mouse models of asthma appropriate for investigating the pathogenesis of airway hyper-responsiveness?. <i>Frontiers in Physiology</i> , 2012 , 3, 312	4.6	40
113	Alveolar macrophages stimulate enhanced cytokine production by pulmonary CD4+ T-lymphocytes in an exacerbation of murine chronic asthma. <i>American Journal of Pathology</i> , 2010 , 177, 1657-64	5.8	39

112	Murine model of chronic human asthma. <i>Immunology and Cell Biology</i> , 2001 , 79, 141-4	5	39
111	TNF- α and Macrophages Are Critical for Respiratory Syncytial Virus-Induced Exacerbations in a Mouse Model of Allergic Airways Disease. <i>Journal of Immunology</i> , 2016 , 196, 3547-58	5.3	38
110	Expression of kinin B1 and B2 receptors in immature, monocyte-derived dendritic cells and bradykinin-mediated increase in intracellular Ca ²⁺ and cell migration. <i>Journal of Leukocyte Biology</i> , 2007 , 81, 1445-54	6.5	37
109	Chemokine and cytokine cooperativity: eosinophil migration in the asthmatic response. <i>Immunology and Cell Biology</i> , 2000 , 78, 415-22	5	37
108	Interleukin-13 (IL-13)/IL-13 receptor alpha1 (IL-13Ralpha1) signaling regulates intestinal epithelial cystic fibrosis transmembrane conductance regulator channel-dependent Cl ⁻ secretion. <i>Journal of Biological Chemistry</i> , 2011 , 286, 13357-69	5.4	36
107	The role of interleukin-5 (IL-5) in vivo: studies with IL-5 deficient mice. <i>Memorias Do Instituto Oswaldo Cruz</i> , 1997 , 92 Suppl 2, 63-8	2.6	36
106	A critical role for donor-derived IL-22 in cutaneous chronic GVHD. <i>American Journal of Transplantation</i> , 2018 , 18, 810-820	8.7	35
105	Mouse models of severe asthma: Understanding the mechanisms of steroid resistance, tissue remodelling and disease exacerbation. <i>Respirology</i> , 2017 , 22, 874-885	3.6	33
104	Mouse models of acute exacerbations of allergic asthma. <i>Respirology</i> , 2016 , 21, 842-9	3.6	33
103	Antigen-specific production of interleukin (IL)-13 and IL-5 cooperate to mediate IL-4Ralpha-independent airway hyperreactivity. <i>European Journal of Immunology</i> , 2003 , 33, 3377-85	6.1	32
102	Platelet activating factor receptor regulates colitis-induced pulmonary inflammation through the NLRP3 inflammasome. <i>Mucosal Immunology</i> , 2019 , 12, 862-873	9.2	31
101	Tumor necrosis factor-related apoptosis-inducing ligand regulates hallmark features of airways remodeling in allergic airways disease. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2014 , 51, 86-93	5.7	31
100	Dietary lycopene supplementation suppresses Th2 responses and lung eosinophilia in a mouse model of allergic asthma. <i>Journal of Nutritional Biochemistry</i> , 2011 , 22, 95-100	6.3	31
99	Roles for T/B lymphocytes and ILC2s in experimental chronic obstructive pulmonary disease. <i>Journal of Leukocyte Biology</i> , 2019 , 105, 143-150	6.5	31
98	Cellular and molecular regulation of eosinophil trafficking to the lung. <i>Immunology and Cell Biology</i> , 1998 , 76, 454-60	5	30
97	Regulatory T cells prevent inducible BALT formation by dampening neutrophilic inflammation. <i>Journal of Immunology</i> , 2015 , 194, 4567-76	5.3	29
96	Epigenetic changes in childhood asthma. <i>DMM Disease Models and Mechanisms</i> , 2009 , 2, 549-53	4.1	29
95	Polymorphisms in IL-4R alpha correlate with airways hyperreactivity, eosinophilia, and Ym protein expression in allergic IL-13 ^{-/-} mice. <i>Journal of Immunology</i> , 2004 , 172, 1092-8	5.3	29

94	Transcription of the interferon gamma (IFN-gamma)-inducible chemokine Mig in IFN-gamma-deficient mice. <i>Journal of Biological Chemistry</i> , 2001 , 276, 7568-74	5.4	29
93	Salmeterol attenuates chemotactic responses in rhinovirus-induced exacerbation of allergic airways disease by modulating protein phosphatase 2A. <i>Journal of Allergy and Clinical Immunology</i> , 2014 , 133, 1720-7	11.5	28
92	PAI-1 augments mucosal damage in colitis. <i>Science Translational Medicine</i> , 2019 , 11,	17.5	27
91	Activation of olfactory receptors on mouse pulmonary macrophages promotes monocyte chemotactic protein-1 production. <i>PLoS ONE</i> , 2013 , 8, e80148	3.7	27
90	IL-6 Drives Neutrophil-Mediated Pulmonary Inflammation Associated with Bacteremia in Murine Models of Colitis. <i>American Journal of Pathology</i> , 2018 , 188, 1625-1639	5.8	26
89	MicroRNAs as therapeutics for future drug delivery systems in treatment of lung diseases. <i>Drug Delivery and Translational Research</i> , 2017 , 7, 168-178	6.2	26
88	Targeting eosinophils in asthma. <i>Current Molecular Medicine</i> , 2008 , 8, 585-90	2.5	26
87	Eosinophils from lineage-ablated Delta dβGATA bone marrow progenitors: the dβGATA enhancer in the promoter of GATA-1 is not essential for differentiation ex vivo. <i>Journal of Immunology</i> , 2007 , 179, 1693-9	5.3	26
86	Strain-dependent resistance to allergen-induced lung pathophysiology in mice correlates with rate of apoptosis of lung-derived eosinophils. <i>Journal of Leukocyte Biology</i> , 2007 , 81, 1362-73	6.5	26
85	MicroRNA-487b Is a Negative Regulator of Macrophage Activation by Targeting IL-33 Production. <i>Journal of Immunology</i> , 2016 , 196, 3421-8	5.3	26
84	Cytokines as targets for the inhibition of eosinophilic inflammation 1997 , 74, 259-83		25
83	Glutathione transferase P1: an endogenous inhibitor of allergic responses in a mouse model of asthma. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2008 , 178, 1202-10	10.2	25
82	Eotaxin expression by epithelial cells and plasma cells in chronic asthma. <i>Laboratory Investigation</i> , 2002 , 82, 495-504	5.9	25
81	Potential mechanisms regulating pulmonary pathology in inflammatory bowel disease. <i>Journal of Leukocyte Biology</i> , 2015 , 98, 727-37	6.5	24
80	Dual proinflammatory and antiviral properties of pulmonary eosinophils in respiratory syncytial virus vaccine-enhanced disease. <i>Journal of Virology</i> , 2015 , 89, 1564-78	6.6	24
79	Potential Role of MicroRNAs in the Regulation of Antiviral Responses to Influenza Infection. <i>Frontiers in Immunology</i> , 2018 , 9, 1541	8.4	24
78	Vitamin E isoform β-tocotrienol protects against emphysema in cigarette smoke-induced COPD. <i>Free Radical Biology and Medicine</i> , 2017 , 110, 332-344	7.8	24
77	Experimental analysis of eosinophil-associated gastrointestinal diseases. <i>Current Opinion in Allergy and Clinical Immunology</i> , 2002 , 2, 239-48	3.3	24

76	Toll-like receptor 2 and 4 have opposing roles in the pathogenesis of cigarette smoke-induced chronic obstructive pulmonary disease. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2018 , 314, L298-L317	5.8	23
75	IL-22 and its receptors are increased in human and experimental COPD and contribute to pathogenesis. <i>European Respiratory Journal</i> , 2019 , 54,	13.6	23
74	Allergic networks regulating eosinophilia. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 1999 , 21, 451-4	5.7	23
73	Blockade of the co-inhibitory molecule PD-1 unleashes ILC2-dependent antitumor immunity in melanoma. <i>Nature Immunology</i> , 2021 , 22, 851-864	19.1	23
72	Interferon- β pulmonary macrophages and airway responsiveness in asthma. <i>Inflammation and Allergy: Drug Targets</i> , 2012 , 11, 292-7		22
71	Chemokines in eosinophil-associated gastrointestinal disorders. <i>Current Allergy and Asthma Reports</i> , 2004 , 4, 74-82	5.6	22
70	TLR2, TLR4 AND MyD88 Mediate Allergic Airway Disease (AAD) and Streptococcus pneumoniae-Induced Suppression of AAD. <i>PLoS ONE</i> , 2016 , 11, e0156402	3.7	22
69	T helper-2 immunity regulates bronchial hyperresponsiveness in eosinophil-associated gastrointestinal disease in mice. <i>Gastroenterology</i> , 2004 , 127, 105-18	13.3	21
68	Quantitative reduction of the TCR adapter protein SLP-76 unbalances immunity and immune regulation. <i>Journal of Immunology</i> , 2015 , 194, 2587-95	5.3	20
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