

# Paul S Foster

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2791152/publications.pdf>

Version: 2024-02-01

228  
papers

17,142  
citations

9234

74  
h-index

17546

121  
g-index

231  
all docs

231  
docs citations

231  
times ranked

15501  
citing authors

#	ARTICLE	IF	CITATIONS
1	Eosinophils: changing perspectives in health and disease. <i>Nature Reviews Immunology</i> , 2013, 13, 9-22.	10.6	736
2	Eosinophils: Biological Properties and Role in Health and Disease. <i>Clinical and Experimental Allergy</i> , 2008, 38, 709-750.	1.4	702
3	Antagonism of microRNA-126 suppresses the effector function of T <sub>H</sub> 2 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, 18704-18709.	3.3	401
4	Dissection of experimental asthma with DNA microarray analysis identifies arginase in asthma pathogenesis. <i>Journal of Clinical Investigation</i> , 2003, 111, 1863-1874.	3.9	353
5	Fundamental signals that regulate eosinophil homing to the gastrointestinal tract. <i>Journal of Clinical Investigation</i> , 1999, 103, 1719-1727.	3.9	352
6	Eosinophil trafficking in allergy and asthma. <i>Journal of Allergy and Clinical Immunology</i> , 2007, 119, 1303-1310.	1.5	341
7	A pathological function for eotaxin and eosinophils in eosinophilic gastrointestinal inflammation. <i>Nature Immunology</i> , 2001, 2, 353-360.	7.0	297
8	Integrated Signals Between IL-13, IL-4, and IL-5 Regulate Airways Hyperreactivity. <i>Journal of Immunology</i> , 2000, 165, 108-113.	0.4	292
9	Chemokines in asthma: Cooperative interaction between chemokines and IL-13. <i>Journal of Allergy and Clinical Immunology</i> , 2003, 111, 227-242.	1.5	286
10	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.	1.5	264
11	Eosinophils contribute to innate antiviral immunity and promote clearance of respiratory syncytial virus. <i>Blood</i> , 2007, 110, 1578-1586.	0.6	263
12	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, 1433-1444.	4.2	250
13	IL-9 and mast cell-mediated intestinal permeability predisposes to oral antigen hypersensitivity. <i>Journal of Experimental Medicine</i> , 2008, 205, 897-913.	4.2	246
14	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, 752-762.e7.	1.5	210
15	Elemental signals regulating eosinophil accumulation in the lung. <i>Immunological Reviews</i> , 2001, 179, 173-181.	2.8	207
16	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.	1.5	200
17	The Classical Ovalbumin Challenge Model of Asthma in Mice. <i>Current Drug Targets</i> , 2008, 9, 485-494.	1.0	198
18	Eosinophils Promote Allergic Disease of the Lung by Regulating CD4 <sup>+</sup> Th2 Lymphocyte Function. <i>Journal of Immunology</i> , 2001, 167, 3146-3155.	0.4	196

#	ARTICLE	IF	CITATIONS
19	Modeling Allergic Asthma in Mice. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2002, 27, 267-272.	1.4	188
20	<i>Schistosoma mansoni</i> infection in eosinophil lineage- $\alpha$ ablated mice. <i>Blood</i> , 2006, 108, 2420-2427.	0.6	183
21	Regulation of Carcinogenesis by IL-5 and CCL11: A Potential Role for Eosinophils in Tumor Immune Surveillance. <i>Journal of Immunology</i> , 2007, 178, 4222-4229.	0.4	176
22	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.	1.5	176
23	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, 2142-2150.	0.4	171
24	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, 9023-9030.	2.4	161
25	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, 860-867.	2.5	155
26	Expression of the Ym2 Lectin-binding Protein Is Dependent on Interleukin (IL)-4 and IL-13 Signal Transduction. <i>Journal of Biological Chemistry</i> , 2001, 276, 41969-41976.	1.6	152
27	Toll/IL-1 Signaling Is Critical for House Dust Mite-specific Th1 and Th2 Responses. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2009, 179, 883-893.	2.5	148
28	Immunopathogenesis of Experimental Ulcerative Colitis Is Mediated by Eosinophil Peroxidase. <i>Journal of Immunology</i> , 2004, 172, 5664-5675.	0.4	146
29	Inhibition of Inflammation and Remodeling by Roflumilast and Dexamethasone in Murine Chronic Asthma. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2003, 307, 349-355.	1.3	145
30	TLR7 Is Involved in Sequence-Specific Sensing of Single-Stranded RNAs in Human Macrophages. <i>Journal of Immunology</i> , 2008, 180, 2117-2124.	0.4	145
31	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, 522-530.	1.4	144
32	<i>Haemophilus influenzae</i> Infection Drives IL-17-Mediated Neutrophilic Allergic Airways Disease. <i>PLoS Pathogens</i> , 2011, 7, e1002244.	2.1	144
33	IL-13 Induces Airways Hyperreactivity Independently of the IL-4R $\alpha$ Chain in the Allergic Lung. <i>Journal of Immunology</i> , 2001, 167, 1683-1692.	0.4	137
34	Combined <i>Haemophilus influenzae</i> respiratory infection and allergic airways disease drives chronic infection and features of neutrophilic asthma. <i>Thorax</i> , 2012, 67, 588-599.	2.7	137
35	Effects of Anticytokine Therapy in a Mouse Model of Chronic Asthma. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2004, 170, 1043-1048.	2.5	132
36	NK Cell Deficiency Predisposes to Viral-Induced Th2-Type Allergic Inflammation via Epithelial-Derived IL-25. <i>Journal of Immunology</i> , 2010, 185, 4681-4690.	0.4	132

#	ARTICLE	IF	CITATIONS
37	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.	0.8	131
38	Cytokine/anti-cytokine therapy – novel treatments for asthma?. <i>British Journal of Pharmacology</i> , 2011, 163, 81-95.	2.7	128
39	The E3 ubiquitin ligase midline 1 promotes allergen and rhinovirus-induced asthma by inhibiting protein phosphatase 2A activity. <i>Nature Medicine</i> , 2013, 19, 232-237.	15.2	127
40	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, 556-564.	2.5	126
41	Targeting PI3K-p110 $\alpha$ Suppresses Influenza Virus Infection in Chronic Obstructive Pulmonary Disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2015, 191, 1012-1023.	2.5	126
42	Macrolide therapy suppresses key features of experimental steroid-sensitive and steroid-insensitive asthma. <i>Thorax</i> , 2015, 70, 458-467.	2.7	123
43	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, 543-550.	1.4	121
44	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, 117-122.	1.5	119
45	Mechanisms and treatments for severe, steroid-resistant allergic airway disease and asthma. <i>Immunological Reviews</i> , 2017, 278, 41-62.	2.8	119
46	Mucosal IL-12 gene delivery inhibits allergic airways disease and restores local antiviral immunity. <i>European Journal of Immunology</i> , 1998, 28, 413-423.	1.6	118
47	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, 1308-1315.	15.2	112
48	IL-27/IFN- $\gamma$ Induce MyD88-Dependent Steroid-Resistant Airway Hyperresponsiveness by Inhibiting Glucocorticoid Signaling in Macrophages. <i>Journal of Immunology</i> , 2010, 185, 4401-4409.	0.4	109
49	The IL-3/IL-5/GM-CSF Common $\beta$ 2 Receptor Plays a Pivotal Role in the Regulation of Th2 Immunity and Allergic Airway Inflammation. <i>Journal of Immunology</i> , 2008, 180, 1199-1206.	0.4	108
50	Modeling T <sub>H</sub> 2 responses and airway inflammation to understand fundamental mechanisms regulating the pathogenesis of asthma. <i>Immunological Reviews</i> , 2017, 278, 20-40.	2.8	107
51	Effect of steroids on $\beta$ 2-adrenoceptor-mediated relaxation of pig bronchus. <i>British Journal of Pharmacology</i> , 1983, 78, 441-445.	2.7	106
52	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, 935-943.	1.5	106
53	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.	0.4	106
54	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, 617-625.e6.	1.5	100

#	ARTICLE	IF	CITATIONS
55	Impaired resistance in early secondary <i>Nippostrongylus brasiliensis</i> infections in mice with defective eosinophilopoiesis. <i>International Journal for Parasitology</i> , 2007, 37, 1367-1378.	1.3	98
56	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, 284-288.	1.0	97
57	The emerging role of microRNAs in regulating immune and inflammatory responses in the lung. <i>Immunological Reviews</i> , 2013, 253, 198-215.	2.8	97
58	Blockade of the co-inhibitory molecule PD-1 unleashes ILC2-dependent antitumor immunity in melanoma. <i>Nature Immunology</i> , 2021, 22, 851-864.	7.0	97
59	MicroRNA-125a and -b inhibit A20 and MAVS to promote inflammation and impair antiviral response in COPD. <i>JCI Insight</i> , 2017, 2, e90443.	2.3	95
60	Inhibition of Arginase I Activity by RNA Interference Attenuates IL-13-Induced Airways Hyperresponsiveness. <i>Journal of Immunology</i> , 2006, 177, 5595-5603.	0.4	94
61	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, 854-861.	2.7	90
62	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, 1987-1992.	3.3	89
63	Emerging roles of pulmonary macrophages in driving the development of severe asthma. <i>Journal of Leukocyte Biology</i> , 2012, 91, 557-569.	1.5	87
64	Enterocyte Expression of the Eotaxin and Interleukin-5 Transgenes Induces Compartmentalized Dysregulation of Eosinophil Trafficking. <i>Journal of Biological Chemistry</i> , 2002, 277, 4406-4412.	1.6	86
65	MicroRNA-9 regulates steroid-resistant airway hyperresponsiveness by reducing protein phosphatase 2A activity. <i>Journal of Allergy and Clinical Immunology</i> , 2015, 136, 462-473.	1.5	84
66	Chlamydial Respiratory Infection during Allergen Sensitization Drives Neutrophilic Allergic Airways Disease. <i>Journal of Immunology</i> , 2010, 184, 4159-4169.	0.4	83
67	Chemokines and chemokine receptors: their role in allergic airway disease. <i>Journal of Clinical Immunology</i> , 1999, 19, 250-265.	2.0	82
68	Dissociation of Inflammatory and Epithelial Responses in a Murine Model of Chronic Asthma. <i>Laboratory Investigation</i> , 2000, 80, 655-662.	1.7	82
69	Ym1/2 Promotes Th2 Cytokine Expression by Inhibiting 12/15-Lipoxygenase: Identification of a Novel Pathway for Regulating Allergic Inflammation. <i>Journal of Immunology</i> , 2009, 182, 5393-5399.	0.4	82
70	Airway remodelling and inflammation in asthma are dependent on the extracellular matrix protein fibulin-1c. <i>Journal of Pathology</i> , 2017, 243, 510-523.	2.1	81
71	Plasmacytoid Dendritic Cells Promote Host Defense against Acute Pneumovirus Infection via the TLR7-MyD88-Dependent Signaling Pathway. <i>Journal of Immunology</i> , 2011, 186, 5938-5948.	0.4	80
72	Active Vaccination Against IL-5 Bypasses Immunological Tolerance and Ameliorates Experimental Asthma. <i>Journal of Immunology</i> , 2001, 167, 3792-3799.	0.4	79

#	ARTICLE	IF	CITATIONS
73	Pathogenesis of Steroid-Resistant Airway Hyperresponsiveness: Interaction between IFN- $\gamma$ and TLR4/MyD88 Pathways. <i>Journal of Immunology</i> , 2009, 182, 5107-5115.	0.4	78
74	Importance of Mast Cell Prss31/Transmembrane Tryptase/Tryptase- $\beta$ in Lung Function and Experimental Chronic Obstructive Pulmonary Disease and Colitis. <i>Journal of Biological Chemistry</i> , 2014, 289, 18214-18227.	1.6	78
75	Regulation of MicroRNA by Antagomirs. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2007, 36, 8-12.	1.4	76
76	Th2 cytokine antagonists: potential treatments for severe asthma. <i>Expert Opinion on Investigational Drugs</i> , 2013, 22, 49-69.	1.9	76
77	Interferon- $\gamma$ ; as a Possible Target in Chronic Asthma. <i>Inflammation and Allergy: Drug Targets</i> , 2006, 5, 253-256.	1.8	75
78	Comparative Roles of IL-4, IL-13, and IL-4R $\alpha$ in Dendritic Cell Maturation and CD4+ Th2 Cell Function. <i>Journal of Immunology</i> , 2007, 178, 219-227.	0.4	74
79	Altered Zinc Homeostasis and Caspase-3 Activity in Murine Allergic Airway Inflammation. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2002, 27, 286-296.	1.4	73
80	Biochemical and Functional Characterization of Human Transmembrane Tryptase (TMT)/Tryptase $\beta$ . <i>Journal of Biological Chemistry</i> , 2002, 277, 41906-41915.	1.6	72
81	Interleukins-4, -5, and -13: emerging therapeutic targets in allergic disease. , 2002, 94, 253-264.		72
82	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, 4611-4620.	0.4	72
83	Interleukin-13 Promotes Susceptibility to Chlamydial Infection of the Respiratory and Genital Tracts. <i>PLoS Pathogens</i> , 2011, 7, e1001339.	2.1	68
84	Potential Therapeutic Targets for Steroid-Resistant Asthma. <i>Current Drug Targets</i> , 2010, 11, 957-970.	1.0	66
85	Reduction of Tumstatin in Asthmatic Airways Contributes to Angiogenesis, Inflammation, and Hyperresponsiveness. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2010, 181, 106-115.	2.5	65
86	Interleukin-5 and eosinophils as therapeutic targets for asthma. <i>Trends in Molecular Medicine</i> , 2002, 8, 162-167.	3.5	64
87	Physiological concentrations of transforming growth factor $\beta$ 21 selectively inhibit human dendritic cell function. <i>International Immunopharmacology</i> , 2007, 7, 1924-1933.	1.7	64
88	Inhibition of allergic airways disease by immunomodulatory therapy with whole killed <i>Streptococcus pneumoniae</i> . <i>Vaccine</i> , 2007, 25, 8154-8162.	1.7	63
89	Targeting MicroRNA Function in Respiratory Diseases: Mini-Review. <i>Frontiers in Physiology</i> , 2016, 7, 21.	1.3	63
90	Early-life viral infection and allergen exposure interact to induce an asthmatic phenotype in mice. <i>Respiratory Research</i> , 2010, 11, 14.	1.4	62

#	ARTICLE	IF	CITATIONS
91	Antagonism of miR-328 Increases the Antimicrobial Function of Macrophages and Neutrophils and Rapid Clearance of Non-typeable Haemophilus Influenzae (NTHi) from Infected Lung. <i>PLoS Pathogens</i> , 2015, 11, e1004549.	2.1	62
92	<i>Chlamydia muridarum</i> Infection Subverts Dendritic Cell Function to Promote Th2 Immunity and Airways Hyperreactivity. <i>Journal of Immunology</i> , 2008, 180, 2225-2232.	0.4	61
93	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.	1.1	61
94	Pneumococcal conjugate vaccine-induced regulatory T cells suppress the development of allergic airways disease. <i>Thorax</i> , 2010, 65, 1053-1060.	2.7	59
95	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, 1331-1339.e10.	1.5	59
96	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.	1.1	58
97	Fibulin-1 Is Increased in Asthma – A Novel Mediator of Airway Remodeling?. <i>PLoS ONE</i> , 2010, 5, e13360.	1.1	55
98	Roles for T/B lymphocytes and ILC2s in experimental chronic obstructive pulmonary disease. <i>Journal of Leukocyte Biology</i> , 2018, 105, 143-150.	1.5	55
99	Airway Hyperreactivity in Exacerbation of Chronic Asthma Is Independent of Eosinophilic Inflammation. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2006, 35, 565-570.	1.4	54
100	Mouse models of severe asthma: understanding the mechanisms of steroid resistance, tissue remodelling and disease exacerbation. <i>Respirology</i> , 2017, 22, 874-885.	1.3	54
101	IL-22 and its receptors are increased in human and experimental COPD and contribute to pathogenesis. <i>European Respiratory Journal</i> , 2019, 54, 1800174.	3.1	54
102	A microRNA-21-mediated SATB1/S100A9/NF- $\kappa$ B axis promotes chronic obstructive pulmonary disease pathogenesis. <i>Science Translational Medicine</i> , 2021, 13, eaav7223.	5.8	54
103	TNF- $\alpha$ 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, 3547-3558.	0.4	52
104	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, 1049-1053.	0.9	51
105	CD4+ T-Lymphocytes Regulate Airway Remodeling and Hyper-Reactivity in a Mouse Model of Chronic Asthma. <i>Laboratory Investigation</i> , 2002, 82, 455-462.	1.7	50
106	A Plant-Based Allergy Vaccine Suppresses Experimental Asthma Via an IFN- $\gamma$ and CD4+CD45RBlow T Cell-Dependent Mechanism. <i>Journal of Immunology</i> , 2003, 171, 2116-2126.	0.4	50
107	Respiratory viral infection, epithelial cytokines, and innate lymphoid cells in asthma exacerbations. <i>Journal of Leukocyte Biology</i> , 2014, 96, 391-396.	1.5	50
108	Eosinophil degranulation in the allergic lung of mice primarily occurs in the airway lumen. <i>Journal of Leukocyte Biology</i> , 2004, 75, 1001-1009.	1.5	49

#	ARTICLE	IF	CITATIONS
109	The contribution of toll-like receptors to the pathogenesis of asthma. <i>Immunology and Cell Biology</i> , 2007, 85, 463-470.	1.0	49
110	Murine model of chronic human asthma. <i>Immunology and Cell Biology</i> , 2001, 79, 141-144.	1.0	48
111	ICAM-1-dependent pathways regulate colonic eosinophilic inflammation. <i>Journal of Leukocyte Biology</i> , 2006, 80, 330-341.	1.5	48
112	Interleukin-13 (IL-13)/IL-13 Receptor $\alpha 1$ (IL-13R $\alpha 1$ ) Signaling Regulates Intestinal Epithelial Cystic Fibrosis Transmembrane Conductance Regulator Channel-dependent Cl <sup>-</sup> Secretion. <i>Journal of Biological Chemistry</i> , 2011, 286, 13357-13369.	1.6	48
113	Regulation of Eosinophil Migration and Th2 Cell Function by IL-5 and Eotaxin. <i>Inflammation and Allergy: Drug Targets</i> , 2003, 2, 169-174.	3.1	48
114	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.	1.9	47
115	Potential mechanisms regulating pulmonary pathology in inflammatory bowel disease. <i>Journal of Leukocyte Biology</i> , 2015, 98, 727-737.	1.5	47
116	Chemokine and cytokine cooperativity: Eosinophil migration in the asthmatic response. <i>Immunology and Cell Biology</i> , 2000, 78, 415-422.	1.0	46
117	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.	1.9	46
118	A critical role for donor-derived IL-22 in cutaneous chronic GVHD. <i>American Journal of Transplantation</i> , 2018, 18, 810-820.	2.6	45
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.	1.1	44
120	Are mouse models of asthma appropriate for investigating the pathogenesis of airway hyper-responsiveness?. <i>Frontiers in Physiology</i> , 2012, 3, 312.	1.3	44
121	PAI-1 augments mucosal damage in colitis. <i>Science Translational Medicine</i> , 2019, 11, .	5.8	44
122	The role of interleukin-5 (IL-5) in vivo: studies with IL-5 deficient mice. <i>Memorias Do Instituto Oswaldo Cruz</i> , 1997, 92, 63-68.	0.8	44
123	Expression of kinin B1 and B2 receptors in immature, monocyte-derived dendritic cells and bradykinin-mediated increase in intracellular Ca <sup>2+</sup> and cell migration. <i>Journal of Leukocyte Biology</i> , 2007, 81, 1445-1454.	1.5	43
124	Platelet activating factor receptor regulates colitis-induced pulmonary inflammation through the NLRP3 inflammasome. <i>Mucosal Immunology</i> , 2019, 12, 862-873.	2.7	43
125	Single-cell transcriptomic analysis reveals the immune landscape of lung in steroid-resistant asthma exacerbation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	42
126	Alveolar Macrophages Stimulate Enhanced Cytokine Production by Pulmonary CD4 <sup>+</sup> T-Lymphocytes in an Exacerbation of Murine Chronic Asthma. <i>American Journal of Pathology</i> , 2010, 177, 1657-1664.	1.9	40



#	ARTICLE	IF	CITATIONS
127	Crucial role for lung iron level and regulation in the pathogenesis and severity of asthma. <i>European Respiratory Journal</i> , 2020, 55, 1901340.	3.1	40
128	Regulatory T Cells Prevent Inducible BALT Formation by Dampening Neutrophilic Inflammation. <i>Journal of Immunology</i> , 2015, 194, 4567-4576.	0.4	38
129	Mouse models of acute exacerbations of allergic asthma. <i>Respirology</i> , 2016, 21, 842-849.	1.3	37
130	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, ajplung.00154.2.	1.3	37
131	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, 1362-1373.	1.5	36
132	MicroRNA-487b Is a Negative Regulator of Macrophage Activation by Targeting IL-33 Production. <i>Journal of Immunology</i> , 2016, 196, 3421-3428.	0.4	36
133	Vitamin E isoform Î³-tocotrienol protects against emphysema in cigarette smoke-induced COPD. <i>Free Radical Biology and Medicine</i> , 2017, 110, 332-344.	1.3	36
134	Eosinophils and COVID-19: diagnosis, prognosis, and vaccination strategies. <i>Seminars in Immunopathology</i> , 2021, 43, 383-392.	2.8	36
135	Antigen-specific production of interleukin (IL)-13 and IL-5 cooperate to mediate IL-4RÎ±-independent airway hyperreactivity. <i>European Journal of Immunology</i> , 2003, 33, 3377-3385.	1.6	34
136	Potential Role of MicroRNAs in the Regulation of Antiviral Responses to Influenza Infection. <i>Frontiers in Immunology</i> , 2018, 9, 1541.	2.2	34
137	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.	1.4	33
138	Dual Proinflammatory and Antiviral Properties of Pulmonary Eosinophils in Respiratory Syncytial Virus Vaccine-Enhanced Disease. <i>Journal of Virology</i> , 2015, 89, 1564-1578.	1.5	33
139	MicroRNAs as therapeutics for future drug delivery systems in treatment of lung diseases. <i>Drug Delivery and Translational Research</i> , 2017, 7, 168-178.	3.0	33
140	Polymorphisms in IL-4RÎ± Correlate with Airways Hyperreactivity, Eosinophilia, and Ym Protein Expression in Allergic IL-13Î±/Î± Mice. <i>Journal of Immunology</i> , 2004, 172, 1092-1098.	0.4	32
141	Epigenetic changes in childhood asthma. <i>DMM Disease Models and Mechanisms</i> , 2009, 2, 549-553.	1.2	32
142	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, 1720-1727.	1.5	32
143	Activation of Olfactory Receptors on Mouse Pulmonary Macrophages Promotes Monocyte Chemotactic Protein-1 Production. <i>PLoS ONE</i> , 2013, 8, e80148.	1.1	32
144	Cellular and molecular regulation of eosinophil trafficking to the lung. <i>Immunology and Cell Biology</i> , 1998, 76, 454-460.	1.0	31

#	ARTICLE	IF	CITATIONS
145	Transcription of the Interferon $\hat{I}^3$ (IFN- $\hat{I}^3$ )-inducible Chemokine Mig in IFN- $\hat{I}^3$ -deficient Mice. <i>Journal of Biological Chemistry</i> , 2001, 276, 7568-7574.	1.6	31
146	A Critical Role for the CXCL3/CXCL5/CXCR2 Neutrophilic Chemotactic Axis in the Regulation of Type 2 Responses in a Model of Rhinoviral-Induced Asthma Exacerbation. <i>Journal of Immunology</i> , 2020, 205, 2468-2478.	0.4	31
147	Eotaxin Expression by Epithelial Cells and Plasma Cells in Chronic Asthma. <i>Laboratory Investigation</i> , 2002, 82, 495-504.	1.7	30
148	Targeting Eosinophils in Asthma. <i>Current Molecular Medicine</i> , 2008, 8, 585-590.	0.6	30
149	Eosinophils from Lineage-Ablated $\hat{I}^2$ dbIGATA Bone Marrow Progenitors: The dbIGATA Enhancer in the Promoter of GATA-1 Is Not Essential for Differentiation Ex Vivo. <i>Journal of Immunology</i> , 2007, 179, 1693-1699.	0.4	29
150	Glutathione Transferase P1. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2008, 178, 1202-1210.	2.5	29
151	Quantitative Reduction of the TCR Adapter Protein SLP-76 Unbalances Immunity and Immune Regulation. <i>Journal of Immunology</i> , 2015, 194, 2587-2595.	0.4	28
152	Cytokines as targets for the inhibition of eosinophilic inflammation. , 1997, 74, 259-283.		27
153	Allergic Networks Regulating Eosinophilia. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 1999, 21, 451-454.	1.4	26
154	Interferon- $\hat{I}^2$ ; , Pulmonary Macrophages and Airway Responsiveness in Asthma. <i>Inflammation and Allergy: Drug Targets</i> , 2012, 11, 292-297.	1.8	26
155	TLR2, TLR4 AND MyD88 Mediate Allergic Airway Disease (AAD) and Streptococcus pneumoniae-Induced Suppression of AAD. <i>PLoS ONE</i> , 2016, 11, e0156402.	1.1	26
156	Experimental analysis of eosinophil-associated gastrointestinal diseases. <i>Current Opinion in Allergy and Clinical Immunology</i> , 2002, 2, 239-248.	1.1	25
157	Chemokines in eosinophil-associated gastrointestinal disorders. <i>Current Allergy and Asthma Reports</i> , 2004, 4, 74-82.	2.4	25
158	Pulmonary Eosinophils and Their Role in Immunopathologic Responses to Formalin-Inactivated Pneumonia Virus of Mice. <i>Journal of Immunology</i> , 2009, 183, 604-612.	0.4	25
159	Production and Differentiation of Myeloid Cells Driven by Proinflammatory Cytokines in Response to Acute Pneumovirus Infection in Mice. <i>Journal of Immunology</i> , 2014, 193, 4072-4082.	0.4	25
160	Group 2 Innate Lymphoid Cells Are Redundant in Experimental Renal Ischemia-Reperfusion Injury. <i>Frontiers in Immunology</i> , 2019, 10, 826.	2.2	25
161	Identification of IFN- $\hat{I}^3$ and IL-27 as Critical Regulators of Respiratory Syncytial Virus-Induced Exacerbation of Allergic Airways Disease in a Mouse Model. <i>Journal of Immunology</i> , 2018, 200, 237-247.	0.4	24
162	Mechanistic analysis of experimental food allergen-induced cutaneous reactions. <i>Journal of Leukocyte Biology</i> , 2006, 80, 258-266.	1.5	23

#	ARTICLE	IF	CITATIONS
163	Absence of Tollâ€IL-1 Receptor 8/Single Immunoglobulin IL-1 Receptorâ€Related Molecule Reduces House Dust Miteâ€Induced Allergic Airway Inflammation in Mice. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2013, 49, 481-490.	1.4	23
164	Bromodomain and Extra Terminal (BET) Inhibitor Suppresses Macrophage-Driven Steroid-Resistant Exacerbations of Airway Hyper-Responsiveness and Inflammation. <i>PLoS ONE</i> , 2016, 11, e0163392.	1.1	23
165	T helper-2 immunity regulates bronchial hyperresponsiveness in eosinophil-associated gastrointestinal disease in mice. <i>Gastroenterology</i> , 2004, 127, 105-118.	0.6	22
166	Lipopolysaccharide induces steroidâ€resistant exacerbations in a mouse model of allergic airway disease collectively through ILâ€13 and pulmonary macrophage activation. <i>Clinical and Experimental Allergy</i> , 2020, 50, 82-94.	1.4	22
167	Interferon-inducible chemokines and immunity to poxvirus infections. <i>Immunological Reviews</i> , 2000, 177, 127-133.	2.8	21
168	MicroRNA: Potential biomarkers and therapeutic targets for allergic asthma?. <i>Annals of Medicine</i> , 2014, 46, 633-639.	1.5	21
169	Neutrophilic asthma: welcome back!. <i>European Respiratory Journal</i> , 2019, 54, 1901846.	3.1	21
170	Cellular and molecular mechanisms involved in the regulation of eosinophil trafficking in vivo. , 1996, 16, 407-432.		20
171	Expression of kinin receptors on eosinophils: comparison of asthmatic patients and healthy subjects. <i>Journal of Leukocyte Biology</i> , 2009, 85, 544-552.	1.5	20
172	Pneumococcal Components Induce Regulatory T Cells That Attenuate the Development of Allergic Airways Disease by Deviating and Suppressing the Immune Response to Allergen. <i>Journal of Immunology</i> , 2013, 191, 4112-4120.	0.4	20
173	TRAIL signaling is proinflammatory and proviral in a murine model of rhinovirus 1B infection. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2017, 312, L89-L99.	1.3	19
174	Development of asthmatic inflammation in mice following early-life exposure to ambient environmental particulates and chronic allergen challenge. <i>DMM Disease Models and Mechanisms</i> , 2013, 6, 479-88.	1.2	18
175	Epigenetic changes associated with disease progression in a mouse model of childhood allergic asthma. <i>DMM Disease Models and Mechanisms</i> , 2013, 6, 993-1000.	1.2	18
176	Using multiple online databases to help identify microRNA<scp>s regulating the airway epithelial cell response to a virusâ€like stimulus. <i>Respirology</i> , 2015, 20, 1206-1212.	1.3	18
177	Stop Press: Eosinophils Drafted to Join the Th17 Team. <i>Immunity</i> , 2015, 43, 7-9.	6.6	18
178	Preventive effect of N-acetylcysteine in a mouse model of steroid resistant acute exacerbation of asthma. <i>EXCLI Journal</i> , 2013, 12, 184-92.	0.5	18
179	Inhibiting AKT Phosphorylation Employing Non-Cytotoxic Anthraquinones Ameliorates TH2 Mediated Allergic Airways Disease and Rhinovirus Exacerbation. <i>PLoS ONE</i> , 2013, 8, e79565.	1.1	17
180	GSTO1â€1 is an upstream suppressor of M2 macrophage skewing and HIFâ€1â€1â€induced eosinophilic airway inflammation. <i>Clinical and Experimental Allergy</i> , 2020, 50, 609-624.	1.4	17

#	ARTICLE	IF	CITATIONS
181	miR-122 promotes virus-induced lung disease by targeting SOCS1. JCI Insight, 2021, 6, .	2.3	17
182	Expression Profiling of Differentiating Eosinophils in Bone Marrow Cultures Predicts Functional Links between MicroRNAs and Their Target mRNAs. PLoS ONE, 2014, 9, e97537.	1.1	17
183	The metabolism of d-myo-inositol 1,4,5-trisphosphate and d-myo-inositol 1,3,4,5-tetrakisphosphate by porcine skeletal muscle. FEBS Journal, 1994, 222, 955-964.	0.2	16
184	Identification of MicroRNAs Regulating the Developmental Pathways of Bone Marrow Derived Mast Cells. PLoS ONE, 2014, 9, e98139.	1.1	16
185	Differences in pulmonary group 2 innate lymphoid cells are dependent on mouse age, sex and strain. Immunology and Cell Biology, 2021, 99, 542-551.	1.0	16
186	Interleukin-4 and interleukin-5 as targets for the inhibition of eosinophilic inflammation and allergic airways hyperreactivity. Memorias Do Instituto Oswaldo Cruz, 1997, 92, 55-61.	0.8	15
187	Molecular Cloning of the cDNA Encoding Human Skeletal Muscle Triadin and Its Localisation to Chromosome 6q22-6q23. FEBS Journal, 1995, 233, 258-265.	0.2	13
188	Antiviral potential of chemokines. BioEssays, 2001, 23, 428-435.	1.2	13
189	T-helper 22 cells develop as a distinct lineage from Th17 cells during bacterial infection and phenotypic stability is regulated by T-bet. Mucosal Immunology, 2021, 14, 1077-1087.	2.7	13
190	Identification of the microRNA networks contributing to macrophage differentiation and function. Oncotarget, 2016, 7, 28806-28820.	0.8	13
191	Antigen-Specific T-Cell Responses to a Recombinant Fowlpox Virus Are Dependent on MyD88 and Interleukin-18 and Independent of Toll-Like Receptor 7 (TLR7)- and TLR9-Mediated Innate Immune Recognition. Journal of Virology, 2011, 85, 3385-3396.	1.5	12
192	The role of phosphoinositide metabolism in Ca <sup>2+</sup> signalling of skeletal muscle cells. International Journal of Biochemistry & Cell Biology, 1994, 26, 449-468.	0.8	11
193	TRAIL deficiency and PP2A activation with salmeterol ameliorates egg allergen-driven eosinophilic esophagitis. American Journal of Physiology - Renal Physiology, 2016, 311, G998-G1008.	1.6	11
194	Enhanced Pro-Inflammatory Response of Macrophages to Interleukin-33 in an Allergic Environment. International Archives of Allergy and Immunology, 2018, 176, 74-82.	0.9	11
195	<sc>IL-17A</sc> is a common and critical driver of impaired lung function and immunopathology induced by influenza virus, rhinovirus and respiratory syncytial virus. Respirology, 2021, 26, 1049-1059.	1.3	11
196	MicroRNA Function in Mast Cell Biology: Protocols to Characterize and Modulate MicroRNA Expression. Methods in Molecular Biology, 2015, 1220, 287-304.	0.4	11
197	Malignant hyperpyrexia. International Journal of Biochemistry & Cell Biology, 1990, 22, 1217-1222.	0.8	10
198	Maternal Particulate Matter Exposure Impairs Lung Health and Is Associated with Mitochondrial Damage. Antioxidants, 2021, 10, 1029.	2.2	10

#	ARTICLE	IF	CITATIONS
199	An Alternate STAT6-Independent Pathway Promotes Eosinophil Influx into Blood during Allergic Airway Inflammation. <i>PLoS ONE</i> , 2011, 6, e17766.	1.1	10
200	Effect of hypothermia on $\beta_1$ -adrenoceptor-mediated relaxation of pig bronchus. <i>British Journal of Pharmacology</i> , 1983, 80, 699-702.	2.7	8
201	GPR109A deficiency promotes IL-33 overproduction and type 2 immune response in food allergy in mice. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2021, 76, 2613-2616.	2.7	8
202	Airway and parenchymal transcriptomics in a novel model of asthma and COPD overlap. <i>Journal of Allergy and Clinical Immunology</i> , 2022, 150, 817-829.e6.	1.5	8
203	Osteoblasts Are Rapidly Ablated by Virus-Induced Systemic Inflammation following Lymphocytic Choriomeningitis Virus or Pneumonia Virus of Mice Infection in Mice. <i>Journal of Immunology</i> , 2018, 200, 632-642.	0.4	7
204	Biologics or immunotherapeutics for asthma?. <i>Pharmacological Research</i> , 2020, 158, 104782.	3.1	7
205	<sup>31</sup> P-NMR spectroscopy: The metabolic profile of malignant hyperpyrexia porcine skeletal muscle. <i>Muscle and Nerve</i> , 1989, 12, 390-396.	1.0	6
206	Characterization of the terminal cisternae and longitudinal tubules of sarcoplasmic reticulum from malignant hyperpyrexia susceptible porcine skeletal muscle. <i>International Journal of Biochemistry &amp; Cell Biology</i> , 1989, 21, 1119-1126.	0.8	6
207	Interleukin-5 does not influence differential transcription of transmembrane and soluble isoforms of IL-5R $\alpha$ in vivo. <i>European Journal of Haematology</i> , 2006, 77, 181-190.	1.1	6
208	TH9 cells: In front and beyond TH2. <i>Journal of Allergy and Clinical Immunology</i> , 2012, 129, 1011-1013.	1.5	6
209	Interleukin-17 contributes to Ross River virus-induced arthritis and myositis. <i>PLoS Pathogens</i> , 2022, 18, e1010185.	2.1	6
210	Asthma diagnosis: MicroRNAs to the rescue. <i>Journal of Allergy and Clinical Immunology</i> , 2016, 137, 1447-1448.	1.5	5
211	Targeting MicroRNAs: Promising Future Therapeutics in the Treatment of Allergic Airway Disease. <i>Critical Reviews in Eukaryotic Gene Expression</i> , 2018, 28, 125-127.	0.4	5
212	PIR-B Regulates CD4 <sup>+</sup> IL17a <sup>+</sup> T-Cell Survival and Restricts T-Cell-Dependent Intestinal Inflammatory Responses. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2021, 12, 1479-1502.	2.3	5
213	Mucosal IL-12 gene delivery inhibits allergic airways disease and restores local antiviral immunity. <i>Journal of Allergy and Clinical Immunology</i> , 1998, 28, 413.		5
214	The effect of calcium channel antagonists and bay K 8644 on calcium fluxes of malignant hyperpyrexia-susceptible muscle. <i>International Journal of Biochemistry &amp; Cell Biology</i> , 1993, 25, 495-504.	0.8	4
215	IL-21 comes of age. <i>Immunology and Cell Biology</i> , 2009, 87, 359-360.	1.0	4
216	Reply to Eosinophil cytolysis and release of cell-free granules. <i>Nature Reviews Immunology</i> , 2013, 13, 902-902.	10.6	4

#	ARTICLE	IF	CITATIONS
217	Clinical Translation of Basic Science in Asthma. <i>New England Journal of Medicine</i> , 2021, 385, 1714-1717.	13.9	4
218	Deficiency in the zinc transporter ZIP8 impairs epithelia renewal and enhances lung fibrosis. <i>Journal of Clinical Investigation</i> , 2022, 132, .	3.9	4
219	In vivo targeting of miR-223 in experimental eosinophilic oesophagitis. <i>Clinical and Translational Immunology</i> , 2020, 9, e1210.	1.7	3
220	Employment of microRNA profiles and RNA interference and antagomirs for the characterization and treatment of respiratory disease. <i>Drug Discovery Today: Therapeutic Strategies</i> , 2006, 3, 325-332.	0.5	2
221	Asthma 2014: from monoclonals to the microbiome. <i>Lancet Respiratory Medicine</i> , 2014, 2, 956-958.	5.2	2
222	Uridine diphosphate-glucose/P2Y14R axis is a nonchemokine pathway that selectively promotes eosinophil accumulation. <i>Journal of Clinical Investigation</i> , 2021, 131, .	3.9	2
223	Cellular and molecular mechanisms involved in the regulation of eosinophil trafficking in vivo. , 1996, 16, 407.		2
224	Proteomic Analysis Reveals a Novel Therapeutic Strategy Using Fludarabine for Steroid-Resistant Asthma Exacerbation. <i>Frontiers in Immunology</i> , 2022, 13, 805558.	2.2	1
225	Response. <i>Chest</i> , 2020, 158, 828-829.	0.4	0
226	Transcriptomic drug-response gene signatures are informative for the stratification of patients for clinical trials. <i>Journal of Allergy and Clinical Immunology</i> , 2022, 149, 55-57.	1.5	0
227	Corticotrophin Releasing Hormone Regulates NLRP6 and Disrupts Mucosal Homeostasis in Functional Dyspepsia. <i>FASEB Journal</i> , 2018, 32, 406.6.	0.2	0
228	Reply to Dutta et al.: Understanding scRNA-seq data in the context of the tissue microenvironment requires clinical relevance. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, e2109159118.	3.3	0