

# Taylor A Doherty

## List of Publications by Year in descending order

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Version: 2024-02-01

65  
papers

3,962  
citations

126907

33  
h-index

123424

61  
g-index

69  
all docs

69  
docs citations

69  
times ranked

5310  
citing authors

#	ARTICLE	IF	CITATIONS
1	Lung type 2 innate lymphoid cells express cysteinyl leukotriene receptor 1, which regulates TH2 cytokine production. <i>Journal of Allergy and Clinical Immunology</i> , 2013, 132, 205-213.	2.9	349
2	Lung-resident tissue macrophages generate Foxp3+ regulatory T cells and promote airway tolerance. <i>Journal of Experimental Medicine</i> , 2013, 210, 775-788.	8.5	285
3	Th9 and allergic disease. <i>Immunology</i> , 2009, 127, 450-458.	4.4	209
4	ORMDL3 is an inducible lung epithelial gene regulating metalloproteases, chemokines, OAS, and ATF6. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 16648-16653.	7.1	170
5	Cytokines and growth factors in airway remodeling in asthma. <i>Current Opinion in Immunology</i> , 2007, 19, 676-680.	5.5	169
6	The tumor necrosis factor family member LIGHT is a target for asthmatic airway remodeling. <i>Nature Medicine</i> , 2011, 17, 596-603.	30.7	160
7	GSDMB induces an asthma phenotype characterized by increased airway responsiveness and remodeling without lung inflammation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 13132-13137.	7.1	147
8	STAT6 regulates natural helper cell proliferation during lung inflammation initiated by <i>Alternaria</i> . <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2012, 303, L577-L588.	2.9	142
9	ORMDL3 Transgenic Mice Have Increased Airway Remodeling and Airway Responsiveness Characteristic of Asthma. <i>Journal of Immunology</i> , 2014, 192, 3475-3487.	0.8	140
10	Increased ILC2s in the eosinophilic nasal polyp endotype are associated with corticosteroid responsiveness. <i>Clinical Immunology</i> , 2014, 155, 126-135.	3.2	127
11	Prostaglandin D2 regulates human type 2 innate lymphoid cell chemotaxis. <i>Journal of Allergy and Clinical Immunology</i> , 2014, 133, 899-901.e3.	2.9	116
12	Postural orthostatic tachycardia syndrome (POTS): State of the science and clinical care from a 2019 National Institutes of Health Expert Consensus Meeting - Part 1. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2021, 235, 102828.	2.8	113
13	Group 2 innate lymphocytes (ILC2) are enriched in active eosinophilic esophagitis. <i>Journal of Allergy and Clinical Immunology</i> , 2015, 136, 792-794.e3.	2.9	98
14	STAT6 and lung inflammation. <i>Jak-stat</i> , 2013, 2, e25301.	2.2	97
15	Allergen challenge in allergic rhinitis rapidly induces increased peripheral blood type 2 innate lymphoid cells that express CD84. <i>Journal of Allergy and Clinical Immunology</i> , 2014, 133, 1203-1205.e7.	2.9	97
16	Leukotriene C4 Potentiates IL-33-Induced Group 2 Innate Lymphoid Cell Activation and Lung Inflammation. <i>Journal of Immunology</i> , 2017, 199, 1096-1104.	0.8	96
17	Diagnosis and management of eosinophilic asthma: a US perspective. <i>Journal of Asthma and Allergy</i> , 2014, 7, 53.	3.4	85
18	Group 2 innate lymphoid cells are recruited to the nasal mucosa in patients with aspirin-exacerbated respiratory disease. <i>Journal of Allergy and Clinical Immunology</i> , 2017, 140, 101-108.e3.	2.9	81

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19	<i>Alternaria</i> Induces STAT6-Dependent Acute Airway Eosinophilia and Epithelial FIZZ1 Expression That Promotes Airway Fibrosis and Epithelial Thickness. <i>Journal of Immunology</i> , 2012, 188, 2622-2629.	0.8	79
20	Type 2 Innate Lymphoid Cells in Allergic Disease. <i>Current Immunology Reviews</i> , 2014, 9, 214-221.	1.2	76
21	Herpesvirus entry mediator (TNFRSF14) regulates the persistence of T helper memory cell populations. <i>Journal of Experimental Medicine</i> , 2011, 208, 797-809.	8.5	72
22	Insights into Group 2 Innate Lymphoid Cells in Human Airway Disease. <i>Current Allergy and Asthma Reports</i> , 2016, 16, 8.	5.3	70
23	$\beta$ 2 integrins rather than $\beta$ 1 integrins mediate <i>Alternaria</i> -induced group 2 innate lymphoid cell trafficking to the lung. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 141, 329-338.e12.	2.9	62
24	Postural Orthostatic Tachycardia Syndrome: Prevalence, Pathophysiology, and Management. <i>Drugs</i> , 2018, 78, 983-994.	10.9	60
25	Cyclic stretch of embryonic cardiomyocytes increases proliferation, growth, and expression while repressing Tgf- $\beta$ signaling. <i>Journal of Molecular and Cellular Cardiology</i> , 2015, 79, 133-144.	1.9	56
26	At the Bench: Understanding group 2 innate lymphoid cells in disease. <i>Journal of Leukocyte Biology</i> , 2015, 97, 455-467.	3.3	55
27	Innate Type 2 Response to <i>Alternaria</i> Extract Enhances Ryegrass-Induced Lung Inflammation. <i>International Archives of Allergy and Immunology</i> , 2014, 163, 92-105.	2.1	50
28	Airway innate lymphoid cells in the induction and regulation of allergy. <i>Allergology International</i> , 2019, 68, 9-16.	3.3	47
29	CD4+ cells are required for chronic eosinophilic lung inflammation but not airway remodeling. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2009, 296, L229-L235.	2.9	45
30	Regulatory B cells and T follicular helper cells are reduced in allergic rhinitis. <i>Journal of Allergy and Clinical Immunology</i> , 2016, 138, 1192-1195.e5.	2.9	43
31	Cutting Edge: Targeting Epithelial ORMDL3 Increases, Rather than Reduces, Airway Responsiveness and Is Associated with Increased Sphingosine-1-Phosphate. <i>Journal of Immunology</i> , 2017, 198, 3017-3022.	0.8	43
32	Fstl1 Promotes Asthmatic Airway Remodeling by Inducing Oncostatin M. <i>Journal of Immunology</i> , 2015, 195, 3546-3556.	0.8	41
33	Chronic OVA allergen challenged Siglec-F deficient mice have increased mucus, remodeling, and epithelial Siglec-F ligands which are up-regulated by IL-4 and IL-13. <i>Respiratory Research</i> , 2010, 11, 154.	3.6	38
34	Role of Group 2 Innate Lymphocytes in Aspirin-exacerbated Respiratory Disease Pathogenesis. <i>American Journal of Rhinology and Allergy</i> , 2018, 32, 7-11.	2.0	31
35	Autoinflammation: translating mechanism to therapy. <i>Journal of Leukocyte Biology</i> , 2011, 90, 37-47.	3.3	30
36	Postural orthostatic tachycardia syndrome (POTS): Priorities for POTS care and research from a 2019 National Institutes of Health Expert Consensus Meeting "Part 2. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2021, 235, 102836.	2.8	30

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37	Lipid regulation of group 2 innate lymphoid cell function: Moving beyond epithelial cytokines. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 141, 1587-1589.	2.9	29
38	Tumor necrosis factor family member LIGHT acts with IL1 $\beta$ and TGF $\beta$ 2 to promote airway remodeling during rhinovirus infection. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2018, 73, 1415-1424.	5.7	28
39	Postural orthostatic tachycardia syndrome and the potential role of mast cell activation. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2018, 215, 83-88.	2.8	28
40	Sialyltransferase ST3Gal-III Regulates Siglec-F Ligand Formation and Eosinophilic Lung Inflammation in Mice. <i>Journal of Immunology</i> , 2013, 190, 5939-5948.	0.8	26
41	Cytokine and Lipid Mediator Regulation of Group 2 Innate Lymphoid Cells(ILC2s) in Human Allergic Airway Disease. <i>Journal of Cytokine Biology</i> , 2017, 02, .	1.5	26
42	Chronic OVA allergen challenged TNF p55/p75 receptor deficient mice have reduced airway remodeling. <i>International Immunopharmacology</i> , 2011, 11, 1038-1044.	3.8	24
43	Cardiac death in a patient with adult-onset Still's disease treated with the interleukin 1 receptor inhibitor anakinra. <i>Annals of the Rheumatic Diseases</i> , 2007, 66, 422-423.	0.9	23
44	Unconventional ST2- and CD127-negative lung ILC2 populations are induced by the fungal allergen <i>Alternaria alternata</i> . <i>Journal of Allergy and Clinical Immunology</i> , 2019, 144, 1432-1435.e9.	2.9	21
45	Landscape of Immune-Related Pneumonitis in Cancer Patients with Asthma Being Treated with Immune Checkpoint Blockade. <i>Oncology</i> , 2020, 98, 123-130.	1.9	20
46	Rigid substrate induces esophageal smooth muscle hypertrophy and eosinophilic esophagitis fibrotic gene expression. <i>Journal of Allergy and Clinical Immunology</i> , 2016, 137, 1270-1272.e1.	2.9	15
47	Pathways to limit group 2 innate lymphoid cell activation. <i>Journal of Allergy and Clinical Immunology</i> , 2017, 139, 1465-1467.	2.9	15
48	Cyclic-di-GMP Induces STING-Dependent ILC2 to ILC1 Shift During Innate Type 2 Lung Inflammation. <i>Frontiers in Immunology</i> , 2021, 12, 618807.	4.8	12
49	Innate immune cell dysregulation drives inflammation and disease in aspirin-exacerbated respiratory disease. <i>Journal of Allergy and Clinical Immunology</i> , 2021, 148, 309-318.	2.9	12
50	New and emerging therapies for asthma. <i>Annals of Allergy, Asthma and Immunology</i> , 2016, 116, 14-17.	1.0	11
51	Lipid-mediated innate lymphoid cell recruitment and activation in aspirin-exacerbated respiratory disease. <i>Annals of Allergy, Asthma and Immunology</i> , 2021, 126, 135-142.	1.0	8
52	Platelets attach to lung type 2 innate lymphoid cells (ILC2s) expressing P-selectin glycoprotein ligand 1 and influence ILC2 function. <i>Journal of Allergy and Clinical Immunology</i> , 2019, 144, 1112-1115.e8.	2.9	7
53	ORMDL3 expression in ASM regulates hypertrophy, hyperplasia via TPM1 and TPM4, and contractility. <i>JCI Insight</i> , 2021, 6, .	5.0	7
54	Cellular interactions in aspirin-exacerbated respiratory disease. <i>Current Opinion in Allergy and Clinical Immunology</i> , 2021, 21, 65-70.	2.3	7

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55	Cardiopulmonary arrest in a patient with delayed diagnosis of immune dysregulation, polyendocrinopathy, enteropathy, X-linked syndrome. <i>Allergy and Asthma Proceedings</i> , 2011, 32, 74-78.	2.2	6
56	Therapeutic potential of targeting TNF/TNFR family members in asthma. <i>Immunotherapy</i> , 2011, 3, 919-921.	2.0	5
57	Impaired induction of allergic lung inflammation by <i>Alternaria alternata</i> mutant MAPK homologue Fus3. <i>Experimental Lung Research</i> , 2013, 39, 399-409.	1.2	5
58	Mast cell disorders. <i>Annals of Allergy, Asthma and Immunology</i> , 2018, 121, 128-130.	1.0	3
59	Hop to It: The First Animal Model of Autoimmune Postural Orthostatic Tachycardia Syndrome. <i>Journal of the American Heart Association</i> , 2019, 8, e014084.	3.7	3
60	ILC2s: Are they what we think they are?. <i>Journal of Allergy and Clinical Immunology</i> , 2020, 146, 280-282.	2.9	3
61	Insights into the Biology of IL-9 in Asthma. <i>Journal of Allergy and Clinical Immunology</i> , 2022, , .	2.9	3
62	Unconventional ST2- and CD127-negative lung ILC2 populations are induced by <i>Alternaria</i> . <i>Journal of Allergy and Clinical Immunology</i> , 2019, 143, AB2.	2.9	2
63	GATA3-Expressing ILC2 Are Selectively Enriched In Allergic Eosinophilic Nasal Polyposis. <i>Journal of Allergy and Clinical Immunology</i> , 2014, 133, AB135.	2.9	1
64	Allergen Challenge Increases Peripheral Blood CD84+ ILC2 In Allergic Rhinitis. <i>Journal of Allergy and Clinical Immunology</i> , 2014, 133, AB237.	2.9	0
65	Reduced Nasal Brain Derived Neurotrophic Factor in Aspirin Exacerbated Respiratory Disease. <i>Journal of Allergy and Clinical Immunology</i> , 2016, 137, AB69.	2.9	0