

# Damon J Tumes

## List of Publications by Year in descending order

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Version: 2024-02-01

45  
papers

2,610  
citations

279798

23  
h-index

243625

44  
g-index

49  
all docs

49  
docs citations

49  
times ranked

4570  
citing authors

#	ARTICLE	IF	CITATIONS
1	Th2 Cells in Health and Disease. Annual Review of Immunology, 2017, 35, 53-84.	21.8	283
2	The Polycomb Protein Ezh2 Regulates Differentiation and Plasticity of CD4+ T Helper Type 1 and Type 2 Cells. Immunity, 2013, 39, 819-832.	14.3	260
3	The Interleukin-33-p38 Kinase Axis Confers Memory T Helper 2 Cell Pathogenicity in the Airway. Immunity, 2015, 42, 294-308.	14.3	199
4	Fatty acid metabolic reprogramming via mTOR-mediated inductions of PPAR $\beta$ directs early activation of T cells. Nature Communications, 2016, 7, 13683.	12.8	194
5	Obesity Drives Th17 Cell Differentiation by Inducing the Lipid Metabolic Kinase, ACC1. Cell Reports, 2015, 12, 1042-1055.	6.4	182
6	The transcription factor Sox4 is a downstream target of signaling by the cytokine TGF- $\beta$ 2 and suppresses TH2 differentiation. Nature Immunology, 2012, 13, 778-786.	14.5	157
7	Early-Life Antibiotic-Driven Dysbiosis Leads to Dysregulated Vaccine Immune Responses in Mice. Cell Host and Microbe, 2018, 23, 653-660.e5.	11.0	137
8	Type II membrane protein CD69 regulates the formation of resting T-helper memory. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 7409-7414.	7.1	121
9	Pathogenic memory type Th2 cells in allergic inflammation. Trends in Immunology, 2014, 35, 69-78.	6.8	104
10	Eomesodermin Controls Interleukin-5 Production in Memory T Helper 2 Cells through Inhibition of Activity of the Transcription Factor GATA3. Immunity, 2011, 35, 733-745.	14.3	103
11	Thy1 <sup>+</sup> IL-7 <sup>+</sup> lymphatic endothelial cells in iBALT provide a survival niche for memory T-helper cells in allergic airway inflammation. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E2842-51.	7.1	97
12	CD103hi Treg cells constrain lung fibrosis induced by CD103lo tissue-resident pathogenic CD4 T cells. Nature Immunology, 2019, 20, 1469-1480.	14.5	80
13	Functionally distinct Gata3/Chd4 complexes coordinately establish T helper 2 (Th2) cell identity. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 4691-4696.	7.1	78
14	Epigenetic regulation of T <sub>H</sub> 2 helper cell differentiation, memory, and plasticity in allergic asthma. Immunological Reviews, 2017, 278, 8-19.	6.0	70
15	Myosin light chains 9 and 12 are functional ligands for CD69 that regulate airway inflammation. Science Immunology, 2016, 1, eaaf9154.	11.9	61
16	ACC1 determines memory potential of individual CD4+ T cells by regulating de novo fatty acid biosynthesis. Nature Metabolism, 2019, 1, 261-275.	11.9	48
17	Strain-dependent resistance to allergen-induced lung pathophysiology in mice correlates with rate of apoptosis of lung-derived eosinophils. Journal of Leukocyte Biology, 2007, 81, 1362-1373.	3.3	36
18	DUSP10 constrains innate IL-33-mediated cytokine production in ST2hi memory-type pathogenic Th2 cells. Nature Communications, 2018, 9, 4231.	12.8	35

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19	Methylation of Gata3 Protein at Arg-261 Regulates Transactivation of the Il5 Gene in T Helper 2 Cells. <i>Journal of Biological Chemistry</i> , 2015, 290, 13095-13103.	3.4	28
20	Neuroimmune interaction in allergic asthma: role of neurotrophins. <i>Biochemical Society Transactions</i> , 2006, 34, 591-593.	3.4	26
21	Regulation of memory CD4 T-cell pool size and function by natural killer T cells in vivo. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 16992-16997.	7.1	26
22	Understanding mast cell heterogeneity at single cell resolution. <i>Trends in Immunology</i> , 2021, 42, 523-535.	6.8	25
23	Memory Type 2 Helper T Cells Induce Long-Lasting Antitumor Immunity by Activating Natural Killer Cells. <i>Cancer Research</i> , 2011, 71, 4790-4798.	0.9	24
24	Polycomb Group Gene Product Ring1B Regulates Th2-Driven Airway Inflammation through the Inhibition of Bim-Mediated Apoptosis of Effector Th2 Cells in the Lung. <i>Journal of Immunology</i> , 2010, 184, 4510-4520.	0.8	22
25	Trithorax complex component Menin controls differentiation and maintenance of T helper 17 cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 12829-12834.	7.1	21
26	Ezh2 controls development of natural killer T cells, which cause spontaneous asthma-like pathology. <i>Journal of Allergy and Clinical Immunology</i> , 2019, 144, 549-560.e10.	2.9	21
27	Spatial Interplay between Polycomb and Trithorax Complexes Controls Transcriptional Activity in T Lymphocytes. <i>Molecular and Cellular Biology</i> , 2015, 35, 3841-3853.	2.3	18
28	A deep convolutional neural network for segmentation of whole-slide pathology images identifies novel tumour cell-perivascular niche interactions that are associated with poor survival in glioblastoma. <i>British Journal of Cancer</i> , 2021, 125, 337-350.	6.4	18
29	Expression of survivin in lung eosinophils is associated with pathology in a mouse model of allergic asthma. <i>International Immunology</i> , 2009, 21, 633-644.	4.0	17
30	ACC1-expressing pathogenic T helper 2 cell populations facilitate lung and skin inflammation in mice. <i>Journal of Experimental Medicine</i> , 2021, 218, .	8.5	16
31	The immunotoxicity, but not anti-tumor efficacy, of anti-CD40 and anti-CD137 immunotherapies is dependent on the gut microbiota. <i>Cell Reports Medicine</i> , 2021, 2, 100464.	6.5	15
32	Toxocara canis larval excretory/secretory proteins impair eosinophil-dependent resistance of mice to Nippostrongylus brasiliensis. <i>Parasite Immunology</i> , 2008, 30, 435-445.	1.5	14
33	The role of invariant T cells in inflammation of the skin and airways. <i>Seminars in Immunopathology</i> , 2019, 41, 401-410.	6.1	10
34	Anti-IL-2 mAb CSL311 inhibits human nasal polyp pathophysiology in a humanized mouse xenograft model. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2020, 75, 475-478.	5.7	10
35	Differential rates of apoptosis and recruitment limit eosinophil accumulation in the lungs of asthma-resistant CBA/Ca mice. <i>Molecular Immunology</i> , 2008, 45, 3609-3617.	2.2	9
36	Blocking the human common beta subunit of the GM-CSF, IL-5 and IL-3 receptors markedly reduces hyperinflammation in ARDS models. <i>Cell Death and Disease</i> , 2022, 13, 137.	6.3	9

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37	Multiple developmental pathways lead to the generation of CD4 T-cell memory. <i>International Immunology</i> , 2020, 32, 589-595.	4.0	8
38	<i>Murine Schnurri-2</i> controls natural killer cell function and lymphoma development. <i>Leukemia and Lymphoma</i> , 2012, 53, 479-486.	1.3	6
39	Immunisation with the BCG and DTPw vaccines induces different programs of trained immunity in mice. <i>Vaccine</i> , 2022, 40, 1594-1605.	3.8	6
40	Essential Role for CD30-Transglutaminase 2 Axis in Memory Th1 and Th17 Cell Generation. <i>Frontiers in Immunology</i> , 2020, 11, 1536.	4.8	5
41	Short-term Oral Steroids Significantly Improves Chronic Rhinosinusitis Without Nasal Polyps. <i>Laryngoscope</i> , 2021, 131, E2618-E2626.	2.0	4
42	Targeting the Human $\gamma\delta$ Receptor Inhibits Contact Dermatitis in a Transgenic Mouse Model. <i>Journal of Investigative Dermatology</i> , 2022, 142, 1103-1113.e11.	0.7	4
43	Enhanced Cell Division Is Required for the Generation of Memory CD4 T Cells to Migrate Into Their Proper Location. <i>Frontiers in Immunology</i> , 2020, 10, 3113.	4.8	2
44	Too much of a good thing. <i>Nature Immunology</i> , 2013, 14, 112-114.	14.5	1
45	DOT1L leaves its mark on adaptive immunity. <i>Immunology and Cell Biology</i> , 2021, 99, 348-350.	2.3	0