Damon J Tumes

List of Publications by Year
in descending order

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	Immunisation with the BCG and DTPw vaccines induces different programs of trained immunity in mice. Vaccine, 2022, 40, 1594-1605.	3.8	6
2	Targeting the Human Î²c Receptor Inhibits Contact Dermatitis in a Transgenic Mouse Model. Journal of Investigative Dermatology, 2022, 142, 1103-1113.e11.	0.7	4
3	Blocking the human common beta subunit of the GM-CSF, IL-5 and IL-3 receptors markedly reduces hyperinflammation in ARDS models. Cell Death and Disease, 2022, 13, 137.	6.3	9
4	DOT1L leaves its mark on adaptive immunity. Immunology and Cell Biology, 2021, 99, 348-350.	2.3	0
5	Shortâ€term Oral Steroids Significantly Improves Chronic Rhinosinusitis Without Nasal Polyps. Laryngoscope, 2021, 131, E2618-E2626.	2.0	4
6	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. British Journal of Cancer, 2021, 125, 337-350.	6.4	18
7	Understanding mast cell heterogeneity at single cell resolution. Trends in Immunology, 2021, 42, 523-535.	6.8	25
8	ACC1-expressing pathogenic T helper 2 cell populations facilitate lung and skin inflammation in mice. Journal of Experimental Medicine, 2021, 218, .	8.5	16
9	The immunotoxicity, but not anti-tumor efficacy, of anti-CD40 and anti-CD137 immunotherapies is dependent on the gut microbiota. Cell Reports Medicine, 2021, 2, 100464.	6.5	15
10	Antiâ€Î²_c mAb CSL311 inhibits human nasal polyp pathophysiology in a humanized mouse xenograft model. Allergy: European Journal of Allergy and Clinical Immunology, 2020, 75, 475-478.	5.7	10
11	Multiple developmental pathways lead to the generation of CD4 T-cell memory. International Immunology, 2020, 32, 589-595.	4.0	8
12	Essential Role for CD30-Transglutaminase 2 Axis in Memory Th1 and Th17 Cell Generation. Frontiers in Immunology, 2020, 11, 1536.	4.8	5
13	Enhanced Cell Division Is Required for the Generation of Memory CD4 T Cells to Migrate Into Their Proper Location. Frontiers in Immunology, 2020, 10, 3113.	4.8	2
14	CD103hi Treg cells constrain lung fibrosis induced by CD103lo tissue-resident pathogenic CD4 T cells. Nature Immunology, 2019, 20, 1469-1480.	14.5	80
15	The role of invariant T cells in inflammation of the skin and airways. Seminars in Immunopathology, 2019, 41, 401-410.	6.1	10
16	Ezh2 controls development of natural killer T cells, which cause spontaneous asthma-like pathology. Journal of Allergy and Clinical Immunology, 2019, 144, 549-560.e10.	2.9	21
17	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
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	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
20	Th2 Cells in Health and Disease. Annual Review of Immunology, 2017, 35, 53-84.	21.8	283
21	Epigenetic regulation of Tâ€helper cell differentiation, memory, and plasticity in allergic asthma. Immunological Reviews, 2017, 278, 8-19.	6.0	70
22	Fatty acid metabolic reprogramming via mTOR-mediated inductions of PPARÎ³ directs early activation of T cells. Nature Communications, 2016, 7, 13683.	12.8	194
23	Thy1⁺IL-7⁺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
24	Myosin light chains 9 and 12 are functional ligands for CD69 that regulate airway inflammation. Science Immunology, 2016, 1, eaaf9154.	11.9	61
25	The Interleukin-33-p38 Kinase Axis Confers Memory T Helper 2 Cell Pathogenicity in the Airway. Immunity, 2015, 42, 294-308.	14.3	199
26	Methylation of Gata3 Protein at Arg-261 Regulates Transactivation of the Il5 Gene in T Helper 2 Cells. Journal of Biological Chemistry, 2015, 290, 13095-13103.	3.4	28
27	Obesity Drives Th17 Cell Differentiation by Inducing the Lipid Metabolic Kinase, ACC1. Cell Reports, 2015, 12, 1042-1055.	6.4	182
28	Spatial Interplay between Polycomb and Trithorax Complexes Controls Transcriptional Activity in T Lymphocytes. Molecular and Cellular Biology, 2015, 35, 3841-3853.	2.3	18
29	Trithorax complex component Menin controls differentiation and maintenance of T helper 17 cells. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 12829-12834.	7.1	21
30	Pathogenic memory type Th2 cells in allergic inflammation. Trends in Immunology, 2014, 35, 69-78.	6.8	104
31	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
32	Too much of a good thing. Nature Immunology, 2013, 14, 112-114.	14.5	1
33	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
34	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
35	Regulation of memory CD4 T-cell pool size and function by natural killer T cells in vivo. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 16992-16997.	7.1	26
36	Murine Schnurri-2controls natural killer cell function and lymphoma development. Leukemia and Lymphoma, 2012, 53, 479-486.	1.3	6

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37	The transcription factor Sox4 is a downstream target of signaling by the cytokine TGF-Î² and suppresses TH2 differentiation. Nature Immunology, 2012, 13, 778-786.	14.5	157
38	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
39	Memory Type 2 Helper T Cells Induce Long-Lasting Antitumor Immunity by Activating Natural Killer Cells. Cancer Research, 2011, 71, 4790-4798.	0.9	24
40	Polycomb Group Gene Product Ring1B Regulates Th2-Driven Airway Inflammation through the Inhibition of Bim-Mediated Apoptosis of Effector Th2 Cells in the Lung. Journal of Immunology, 2010, 184, 4510-4520.	0.8	22
41	Expression of survivin in lung eosinophils is associated with pathology in a mouse model of allergic asthma. International Immunology, 2009, 21, 633-644.	4.0	17
42	Toxocara canis larval excretory/secretory proteins impair eosinophilâ€dependent resistance of mice to Nippostrongylus brasiliensis. Parasite Immunology, 2008, 30, 435-445.	1.5	14
43	Differential rates of apoptosis and recruitment limit eosinophil accumulation in the lungs of asthma-resistant CBA/Ca mice. Molecular Immunology, 2008, 45, 3609-3617.	2.2	9
44	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
45	Neuroâ€“immune interaction in allergic asthma: role of neurotrophins. Biochemical Society Transactions, 2006, 34, 591-593.	3.4	26