Thamotharampillai Dileepan, Dvm

List of Publications by Year
in descending order

38 papers	1,888 citations	361413 20 h-index	315739 38 g-index
39 all docs	39 docs citations	39 times ranked	3137 citing authors

#	Article	IF	Citations
1	Development of a Mouse Model to Explore CD4 T Cell Specificity, Phenotype, and Recruitment to the Lung after Influenza B Infection. Pathogens, 2022, 11, 251.	2.8	4
2	Redox regulation of age-associated defects in generation and maintenance of TÂcell self-tolerance and immunity to foreign antigens. Cell Reports, 2022, 38, 110363.	6.4	7
3	Boosting corrects a memory B cell defect in SARS-CoV-2 mRNAâ€“vaccinated patients with inflammatory bowel disease. JCI Insight, 2022, 7, .	5.0	5
4	Cutting Edge: Mouse SARS-CoV-2 Epitope Reveals Infection and Vaccine-Elicited CD8 T Cell Responses. Journal of Immunology, 2021, 206, 931-935.	0.8	36
5	Initial determination of COVID-19 seroprevalence among outpatients and healthcare workers in Minnesota using a novel SARS-CoV-2 total antibody ELISA. Clinical Biochemistry, 2021, 90, 15-22.	1.9	19
6	Two sequential activation modules control the differentiation of protective T helper-1 (Th1) cells. Immunity, 2021, 54, 687-701.e4.	14.3	30
7	MHC class II tetramers engineered for enhanced binding to CD4 improve detection of antigen-specific T cells. Nature Biotechnology, 2021, 39, 943-948.	17.5	14
8	Intranasal Nanoparticle Vaccination Elicits a Persistent, Polyfunctional CD4 T Cell Response in the Murine Lung Specific for a Highly Conserved Influenza Virus Antigen That Is Sufficient To Mediate Protection from Influenza Virus Challenge. Journal of Virology, 2021, 95, e0084121.	3.4	15
9	High-affinity memory B cells induced by SARS-CoV-2 infection produce more plasmablasts and atypical memory B cells than those primed by mRNA vaccines. Cell Reports, 2021, 37, 109823.	6.4	73
10	Modulating the quantity of HIV Env-specific CD4 T cell help promotes rare B cell responses in germinal centers. Journal of Experimental Medicine, 2021, 218, .	8.5	35
11	Antigen discovery unveils resident memory and migratory cell roles in antifungal resistance. Mucosal Immunology, 2020, 13, 518-529.	6.0	15
12	Pathogenic Autoimmunity in Atherosclerosis Evolves From Initially Protective Apolipoprotein B ₁₀₀ â€“Reactive CD4 ⁺ T-Regulatory Cells. Circulation, 2020, 142, 1279-1293.	1.6	100
13	Polymicrobial Sepsis Impairs Antigen-Specific Memory CD4 T Cell-Mediated Immunity. Frontiers in Immunology, 2020, 11, 1786.	4.8	18
14	Inventories of naive and tolerant mouse CD4 T cell repertoires reveal a hierarchy of deleted and diverted T cell receptors. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 18537-18543.	7.1	23
15	Cutting Edge: Allograft Rejection Is Associated with Weak T Cell Responses to Many Different Graft Leukocyte-Derived Peptides. Journal of Immunology, 2018, 200, 477-482.	0.8	7
16	Regulatory CD4 ⁺ T Cells Recognize Major Histocompatibility Complex Class II Moleculeâ€“Restricted Peptide Epitopes of Apolipoprotein B. Circulation, 2018, 138, 1130-1143.	1.6	140
17	Salmonella Persist in Activated Macrophages in T Cell-Sparse Granulomas but Are Contained by Surrounding CXCR3 Ligand-Positioned Th1 Cells. Immunity, 2018, 49, 1090-1102.e7.	14.3	66
18	Enrichment and Quantification of Epitope-specific CD4+ T Lymphocytes using Ferromagnetic Iron-gold and Nickel Nanowires. Scientific Reports, 2018, 8, 15696.	3.3	11

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19	Naive B Cells with High-Avidity Germline-Encoded Antigen Receptors Produce Persistent IgM+ and Transient IgG+ Memory B Cells. Immunity, 2018, 48, 1135-1143.e4.	14.3	61
20	Enzyme-linked immunosorbent assay for group A Streptococcal anti-DNase B in human sera, using recombinant proteins - Comparison to the DNA methyl green micromethod. Journal of Immunological Methods, 2017, 451, 111-117.	1.4	3
21	Identification of Natural Regulatory T Cell Epitopes Reveals Convergence on a Dominant Autoantigen. Immunity, 2017, 47, 107-117.e8.	14.3	58
22	Increased Effector Memory Insulin-Specific CD4+ T Cells Correlate With Insulin Autoantibodies in Patients With Recent-Onset Type 1 Diabetes. Diabetes, 2017, 66, 3051-3060.	0.6	38
23	Gut Microbial Membership Modulates CD4 T Cell Reconstitution and Function after Sepsis. Journal of Immunology, 2016, 197, 1692-1698.	0.8	31
24	Tolerance is established in polyclonal CD4+ T cells by distinct mechanisms, according to self-peptide expression patterns. Nature Immunology, 2016, 17, 187-195.	14.5	178
25	In Situ Peptide-MHC-II Tetramer Staining of Antigen-Specific CD4+ T Cells in Tissues. PLoS ONE, 2015, 10, e0128862.	2.5	3
26	T Cell Receptor Cross-Reactivity between Similar Foreign and Self Peptides Influences Naive Cell Population Size and Autoimmunity. Immunity, 2015, 42, 95-107.	14.3	144
27	T Cell Receptor Cross-Reactivity between Similar Foreign and Self Peptides Influences Naive Cell Population Size and Autoimmunity. Immunity, 2015, 42, 1212-1213.	14.3	9
28	Generation of Th17 cells in response to intranasal infection requires TGF-Î²1 from dendritic cells and IL-6 from CD301b ⁺ dendritic cells. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 12782-12787.	7.1	54
29	Group A Streptococcus intranasal infection promotes CNS infiltration by streptococcal-specific Th17 cells. Journal of Clinical Investigation, 2015, 126, 303-317.	8.2	94
30	Robust Antigen Specific Th17 T Cell Response to Group A Streptococcus Is Dependent on IL-6 and Intranasal Route of Infection. PLoS Pathogens, 2011, 7, e1002252.	4.7	87
31	Different routes of bacterial infection induce long-lived TH1 memory cells and short-lived TH17 cells. Nature Immunology, 2010, 11, 83-89.	14.5	247
32	Induction of TGF-Î²1 and TGF-Î²1â€“dependent predominant Th17 differentiation by group A streptococcal infection. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 5937-5942.	7.1	93
33	Integrin-EGF-3 domain of bovine CD18 is critical forMannheimia haemolyticaleukotoxin species-specific susceptibility. FEMS Microbiology Letters, 2007, 274, 67-72.	1.8	14
34	Human CD18 Is the Functional Receptor for<i>Aggregatibacter actinomycetemcomitans</i>Leukotoxin. Infection and Immunity, 2007, 75, 4851-4856.	2.2	58
35	Mapping of the Binding Site for Mannheimia haemolytica Leukotoxin within Bovine CD18. Infection and Immunity, 2005, 73, 5233-5237.	2.2	14
36	Mechanisms underlying Mannheimia haemolytica leukotoxin-induced oncosis and apoptosis of bovine alveolar macrophages. Microbial Pathogenesis, 2005, 38, 161-172.	2.9	39

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37	Recombinant expression of bovine LFA-1 and characterization of its role as a receptor for Mannheimia haemolytica leukotoxin. Microbial Pathogenesis, 2005, 38, 249-257.	2.9	25
38	Characterization of Mannheimia (Pasteurella) haemolytica leukotoxin interaction with bovine alveolar macrophage Î²2 integrins. Veterinary Research, 2005, 36, 771-786.	3.0	18