Anuja Mathew

List of Publications by Year
in descending order

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47	2,027	361045	243296
papers	citations	20 h-index	44 g-index

47	47	47	2621
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Understanding the contribution of cellular immunity to dengue disease pathogenesis. Immunological Reviews, 2008, 225, 300-313.	2.8	198
2	Immune-mediated cytokine storm and its role in severe dengue. Seminars in Immunopathology, 2017, 39, 563-574.	2.8	185
3	Signal Transducer and Activator of Transcription 6 Controls Chemokine Production and T Helper Cell Type 2 Cell Trafficking in Allergic Pulmonary Inflammation. Journal of Experimental Medicine, 2001, 193, 1087-1096.	4.2	168
4	Intracellular Cytokine Production by Dengue Virusâ€“specific T cells Correlates with Subclinical Secondary Infection. Journal of Infectious Diseases, 2011, 203, 1282-1291.	1.9	145
5	Dengue Virus Infection and Virus-Specific HLA-A2 Restricted Immune Responses in Humanized NOD-scid IL2rÎ³null Mice. PLoS ONE, 2009, 4, e7251.	1.1	121
6	Predominance of HLA-Restricted Cytotoxic T-Lymphocyte Responses to Serotype-Cross-Reactive Epitopes on Nonstructural Proteins following Natural Secondary Dengue Virus Infection. Journal of Virology, 1998, 72, 3999-4004.	1.5	105
7	Improved B cell development in humanized NODâ€scid IL2RÎ³^{null} mice transgenically expressing human stem cell factor, granulocyteâ€macrophage colonyâ€stimulating factor and interleukinâ€3. Immunity, Inflammation and Disease, 2016, 4, 427-440.	1.3	97
8	Enhanced humoral and HLAâ€A2â€restricted dengue virusâ€specific Tâ€cell responses in humanized BLT NSG mice. Immunology, 2012, 136, 334-343.	2.0	88
9	Cross-Reactivity and Expansion of Dengue-Specific T cells During Acute Primary and Secondary Infections in Humans. Scientific Reports, 2011, 1, 51.	1.6	79
10	B-Cell Responses During Primary and Secondary Dengue Virus Infections in Humans. Journal of Infectious Diseases, 2011, 204, 1514-1522.	1.9	78
11	Memory CD8⁺ T cells from naturally acquired primary dengue virus infection are highly crossâ€reactive. Immunology and Cell Biology, 2011, 89, 122-129.	1.0	71
12	Crossâ€Reactive Memory CD8⁺T Cells Alter the Immune Response to Heterologous Secondary Dengue Virus Infections in Mice in a Sequenceâ€Specific Manner. Journal of Infectious Diseases, 2008, 197, 608-617.	1.9	58
13	Cutting Edge: Th2 Cell Trafficking into the Allergic Lung Is Dependent on Chemoattractant Receptor Signaling. Journal of Immunology, 2002, 169, 651-655.	0.4	48
14	Identification of Murine Poxvirus-Specific CD8+CTL Epitopes with Distinct Functional Profiles. Journal of Immunology, 2005, 174, 2212-2219.	0.4	46
15	Activation of Peripheral T Follicular Helper Cells During Acute Dengue Virus Infection. Journal of Infectious Diseases, 2018, 218, 1675-1685.	1.9	43
16	Elucidating the role of TÂcells in protection against and pathogenesis of dengue virus infections. Future Microbiology, 2014, 9, 411-425.	1.0	41
17	Immune mediated and inherited defences against flaviviruses. Clinical and Diagnostic Virology, 1998, 10, 129-139.	1.8	40
18	Dengue virus infection induces broadly cross-reactive human IgM antibodies that recognize intact virions in humanized BLT-NSG mice. Experimental Biology and Medicine, 2015, 240, 67-78.	1.1	38

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19	Membrane-bound eotaxin-3 mediates eosinophil transepithelial migration in IL-4-stimulated epithelial cells. European Journal of Immunology, 2006, 36, 2700-2714.	1.6	37
20	Transcriptional and clonal characterization of B cell plasmablast diversity following primary and secondary natural DENV infection. EBioMedicine, 2020, 54, 102733.	2.7	25
21	Distinct activation phenotype of a highly conserved novel <scp>HLA</scp>â€B57â€restricted epitope during dengue virus infection. Immunology, 2014, 141, 27-38.	2.0	22
22	Protective versus pathologic pre-exposure cytokine profiles in dengue virus infection. PLoS Neglected Tropical Diseases, 2018, 12, e0006975.	1.3	21
23	Dynamics of Dengue Virus (DENV)â€“Specific B Cells in the Response to DENV Serotype 1 Infections, Using Flow Cytometry With Labeled Virions. Journal of Infectious Diseases, 2016, 214, 1001-1009.	1.9	19
24	Multiplexed FluoroSpot for the Analysis of Dengue Virusâ€“ and Zika Virusâ€“Specific and Cross-Reactive Memory B Cells. Journal of Immunology, 2018, 201, 3804-3814.	0.4	18
25	Defining the role of <scp>NK</scp> cells during dengue virus infection. Immunology, 2018, 154, 557-562.	2.0	17
26	Analysis of Human Monoclonal Antibodies Generated by Dengue Virus-Specific Memory B Cells. Viral Immunology, 2012, 25, 348-359.	0.6	16
27	Defective pro-IL-1Î² responses in macrophages from aged mice. Immunity and Ageing, 2012, 9, 27.	1.8	16
28	Fluorescently labeled dengue viruses as probes to identify antigen-specific memory B cells by multiparametric flow cytometry. Journal of Immunological Methods, 2015, 416, 167-177.	0.6	16
29	Extended Interferon-Alpha Therapy Accelerates Telomere Length Loss in Human Peripheral Blood T Lymphocytes. PLoS ONE, 2011, 6, e20922.	1.1	16
30	Upregulation of <scp>HLA</scp>â€E by dengue and not Zika viruses. Clinical and Translational Immunology, 2018, 7, e1039.	1.7	15
31	Vaccine innovations for emerging infectious diseasesâ€”a symposium report. Annals of the New York Academy of Sciences, 2020, 1462, 14-26.	1.8	15
32	DifferentialIn VivoClearance and Response to Secondary Heterologous Infections by H2b-Restricted Dengue Virus-Specific CD8+T Cells. Viral Immunology, 2010, 23, 477-485.	0.6	14
33	Telomere length dynamics in human memory T cells specific for viruses causing acute or latent infections. Immunity and Ageing, 2013, 10, 37.	1.8	13
34	Robust Intrapulmonary CD8 T Cell Responses and Protection with an Attenuated N1L Deleted Vaccinia Virus. PLoS ONE, 2008, 3, e3323.	1.1	13
35	CpG Improves Influenza Vaccine Efficacy in Young Adult but Not Aged Mice. PLoS ONE, 2016, 11, e0150425.	1.1	13
36	Longitudinal Analysis of Memory B and T Cell Responses to Dengue Virus in a 5-Year Prospective Cohort Study in Thailand. Frontiers in Immunology, 2019, 10, 1359.	2.2	11

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37	Nonâ€structural protein 1â€specific antibodies directed against Zika virus in humans mediate antibodyâ€dependent cellular cytotoxicity. Immunology, 2021, 164, 386-397.	2.0	11
38	Analysis of cell-mediated immune responses in support of dengue vaccine development efforts. Vaccine, 2015, 33, 7083-7090.	1.7	10
39	Humanized mouse models to study human cell-mediated and humoral responses to dengue virus. Current Opinion in Virology, 2017, 25, 76-80.	2.6	9
40	Dengue vaccine: opportunities and challenges. IDrugs: the Investigational Drugs Journal, 2008, 11, 42-5.	0.7	8
41	Regulation and Function of NK and T Cells During Dengue Virus Infection and Vaccination. Advances in Experimental Medicine and Biology, 2018, 1062, 251-264.	0.8	6
42	Long term recall of memory CD8 T cells in mice to first and third generation smallpox vaccines. Vaccine, 2011, 29, 1666-1676.	1.7	5
43	Peripheral follicular helper T cells in acute viral diseases: a perspective on dengue. Future Virology, 2019, 14, 161-169.	0.9	4
44	T lymphocyte responses to flaviviruses â€" diverse cell populations affect tendency toward protection and disease. Current Opinion in Virology, 2020, 43, 28-34.	2.6	4
45	Longitudinal Analysis of Dengue Virusâ€"Specific Memory T Cell Responses and Their Association With Clinical Outcome in Subsequent DENV Infection. Frontiers in Immunology, 2021, 12, 710300.	2.2	3
46	Dengue Viral Pathogenesis and Immune Responses in Humanized Mice. , 2014, , 469-479.		1
47	Detection, phenotyping and quantification of dengue virus-specific B cells using fluorescent probes. Human Vaccines and Immunotherapeutics, 2017, 13, 2780-2784.	1.4	0