Anuja Mathew

List of Publications by Year
in descending order

47 papers	2,027 citations	361296 20 h-index	243529 44 g-index
47 all docs	47 docs citations	47 times ranked	2621 citing authors

#	Article	IF	Citations
1	Non–structural protein 1–specific antibodies directed against Zika virus in humans mediate antibody–dependent cellular cytotoxicity. Immunology, 2021, 164, 386-397.	2.0	11
2	Longitudinal Analysis of Dengue Virus–Specific Memory T Cell Responses and Their Association With Clinical Outcome in Subsequent DENV Infection. Frontiers in Immunology, 2021, 12, 710300.	2.2	3
3	Vaccine innovations for emerging infectious diseases—a symposium report. Annals of the New York Academy of Sciences, 2020, 1462, 14-26.	1.8	15
4	T lymphocyte responses to flaviviruses — diverse cell populations affect tendency toward protection and disease. Current Opinion in Virology, 2020, 43, 28-34.	2.6	4
5	Transcriptional and clonal characterization of B cell plasmablast diversity following primary and secondary natural DENV infection. EBioMedicine, 2020, 54, 102733.	2.7	25
6	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
7	Peripheral follicular helper T cells in acute viral diseases: a perspective on dengue. Future Virology, 2019, 14, 161-169.	0.9	4
8	Defining the role of <scp>NK</scp> cells during dengue virus infection. Immunology, 2018, 154, 557-562.	2.0	17
9	Multiplexed FluoroSpot for the Analysis of Dengue Virus– and Zika Virus–Specific and Cross-Reactive Memory B Cells. Journal of Immunology, 2018, 201, 3804-3814.	0.4	18
10	Protective versus pathologic pre-exposure cytokine profiles in dengue virus infection. PLoS Neglected Tropical Diseases, 2018, 12, e0006975.	1.3	21
11	Upregulation of <scp>HLA</scp>–E by dengue and not Zika viruses. Clinical and Translational Immunology, 2018, 7, e1039.	1.7	15
12	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
13	Activation of Peripheral T Follicular Helper Cells During Acute Dengue Virus Infection. Journal of Infectious Diseases, 2018, 218, 1675-1685.	1.9	43
14	Immune-mediated cytokine storm and its role in severe dengue. Seminars in Immunopathology, 2017, 39, 563-574.	2.8	185
15	Detection, phenotyping and quantification of dengue virus-specific B cells using fluorescent probes. Human Vaccines and Immunotherapeutics, 2017, 13, 2780-2784.	1.4	0
16	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
17	Improved B cell development in humanized NOD<i>–scid IL2Rγ^{null}</i> mice transgenically expressing human stem cell factor, granulocyte–macrophage colony–stimulating factor and interleukin–3. Immunity, Inflammation and Disease, 2016, 4, 427-440.	1.3	97
18	Dynamics of Dengue Virus (DENV)–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

#	Article	IF	Citations
19	CpG Improves Influenza Vaccine Efficacy in Young Adult but Not Aged Mice. PLoS ONE, 2016, 11, e0150425.	1.1	13
20	Analysis of cell-mediated immune responses in support of dengue vaccine development efforts. Vaccine, 2015, 33, 7083-7090.	1.7	10
21	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
22	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
23	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
24	Elucidating the role of TÂcells in protection against and pathogenesis of dengue virus infections. Future Microbiology, 2014, 9, 411-425.	1.0	41
25	Dengue Viral Pathogenesis and Immune Responses in Humanized Mice. , 2014, , 469-479.		1
26	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
27	Analysis of Human Monoclonal Antibodies Generated by Dengue Virus-Specific Memory B Cells. Viral Immunology, 2012, 25, 348-359.	0.6	16
28	Defective pro-IL-1Î² responses in macrophages from aged mice. Immunity and Ageing, 2012, 9, 27.	1.8	16
29	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
30	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
31	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
32	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
33	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
34	B-Cell Responses During Primary and Secondary Dengue Virus Infections in Humans. Journal of Infectious Diseases, 2011, 204, 1514-1522.	1.9	78
35	Extended Interferon-Alpha Therapy Accelerates Telomere Length Loss in Human Peripheral Blood T Lymphocytes. PLoS ONE, 2011, 6, e20922.	1.1	16
36	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

#	Article	IF	Citations
37	Dengue Virus Infection and Virus-Specific HLA-A2 Restricted Immune Responses in Humanized NOD-scid IL2rγnull Mice. PLoS ONE, 2009, 4, e7251.	1.1	121
38	Understanding the contribution of cellular immunity to dengue disease pathogenesis. Immunological Reviews, 2008, 225, 300-313.	2.8	198
39	Cross–Reactive Memory CD8+T Cells Alter the Immune Response to Heterologous Secondary Dengue Virus Infections in Mice in a Sequence–Specific Manner. Journal of Infectious Diseases, 2008, 197, 608-617.	1.9	58
40	Robust Intrapulmonary CD8 T Cell Responses and Protection with an Attenuated N1L Deleted Vaccinia Virus. PLoS ONE, 2008, 3, e3323.	1.1	13
41	Dengue vaccine: opportunities and challenges. IDrugs: the Investigational Drugs Journal, 2008, 11, 42-5.	0.7	8
42	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
43	Identification of Murine Poxvirus-Specific CD8+CTL Epitopes with Distinct Functional Profiles. Journal of Immunology, 2005, 174, 2212-2219.	0.4	46
44	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
45	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
46	Immune mediated and inherited defences against flaviviruses. Clinical and Diagnostic Virology, 1998, 10, 129-139.	1.8	40
47	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