

Joseph J Mattapallil

List of Publications by Year in descending order

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62
papers

3,979
citations

201385

27
h-index

138251

58
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62
all docs

62
docs citations

62
times ranked

4766
citing authors

#	ARTICLE	IF	CITATIONS
1	Captopril reduces lung inflammation and accelerated senescence in response to thoracic radiation in mice. <i>Journal of Radiation Research</i> , 2021, 62, 236-248.	0.8	11
2	Gut Microbiome Homeostasis and the CD4 T- Follicular Helper Cell IgA Axis in Human Immunodeficiency Virus Infection. <i>Frontiers in Immunology</i> , 2021, 12, 657679.	2.2	6
3	GALT CD4+PD-1hi T follicular helper (Tfh) cells repopulate after anti-retroviral therapy. <i>Cellular Immunology</i> , 2021, 366, 104396.	1.4	1
4	Microbial Dysbiosis During Simian Immunodeficiency Virus Infection is Partially Reverted with Combination Anti-retroviral Therapy. <i>Scientific Reports</i> , 2020, 10, 6387.	1.6	11
5	Gender differences in innate responses and gene expression profiles in memory CD4 T cells are apparent very early during acute simian immunodeficiency virus infection. <i>PLoS ONE</i> , 2019, 14, e0221159.	1.1	6
6	Simultaneous Coinfection of Macaques with Zika and Dengue Viruses Does not Enhance Acute Plasma Viremia but Leads to Activation of Monocyte Subsets and Biphasic Release of Pro-inflammatory Cytokines. <i>Scientific Reports</i> , 2019, 9, 7877.	1.6	15
7	The effect of Zika virus infection in the ferret. <i>Journal of Comparative Neurology</i> , 2019, 527, 1706-1719.	0.9	10
8	A Simple Flow Cytometry Based Assay to Determine – In Vitro – Antibody Dependent Enhancement of Dengue Virus Using Zika Virus Convalescent Serum. <i>Journal of Visualized Experiments</i> , 2018, , .	0.2	3
9	Chronic simian immunodeficiency virus infection is associated with contrasting phenotypes of dysfunctional Bcl6⁺ germinal center B cells or Bcl6⁻ Bcl2⁺ non-germinal center B cells. <i>Journal of Cellular and Molecular Medicine</i> , 2018, 22, 5682-5687.	1.6	6
10	Captopril mitigates splenomegaly and myelofibrosis in the Gata1 low murine model of myelofibrosis. <i>Journal of Cellular and Molecular Medicine</i> , 2018, 22, 4274-4282.	1.6	8
11	Interferon-Î± Subtypes As an Adjunct Therapeutic Approach for Human Immunodeficiency Virus Functional Cure. <i>Frontiers in Immunology</i> , 2018, 9, 299.	2.2	23
12	Zika convalescent macaques display delayed induction of anamnestic cross-neutralizing antibody responses after dengue infection. <i>Emerging Microbes and Infections</i> , 2018, 7, 1-11.	3.0	20
13	Human Serum With High Neutralizing Antibody Titers Against Both Zika and Dengue Virus Shows Delayed In Vitro Antibody-Dependent Enhancement of Dengue Virus Infection. <i>Open Forum Infectious Diseases</i> , 2018, 5, ofy151.	0.4	12
14	Prior Exposure to Zika Virus Significantly Enhances Peak Dengue-2 Viremia in Rhesus Macaques. <i>Scientific Reports</i> , 2017, 7, 10498.	1.6	121
15	Early treatment with reverse transcriptase inhibitors significantly suppresses peak plasma IFNÎ± in vivo during acute simian immunodeficiency virus infection. <i>Cellular Immunology</i> , 2016, 310, 156-164.	1.4	7
16	Significant Depletion of CD4⁺ T Cells Occurs in the Oral Mucosa during Simian Immunodeficiency Virus Infection with the Infected CD4⁺ T Cell Reservoir Continuing to Persist in the Oral Mucosa during Antiretroviral Therapy. <i>Journal of Immunology Research</i> , 2015, 2015, 1-7.	0.9	10
17	Suppression of Transforming Growth Factor Î² Receptor 2 and Smad5 Is Associated with High Levels of MicroRNA miR-155 in the Oral Mucosa during Chronic Simian Immunodeficiency Virus Infection. <i>Journal of Virology</i> , 2015, 89, 2972-2978.	1.5	16
18	Immunization of Rabbits with Highly Purified, Soluble, Trimeric Human Immunodeficiency Virus Type 1 Envelope Glycoprotein Induces a Vigorous B Cell Response and Broadly Cross-Reactive Neutralization. <i>PLoS ONE</i> , 2014, 9, e98060.	1.1	5

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19	Gastrointestinal Tract and the Mucosal Macrophage Reservoir in HIV Infection. Vaccine Journal, 2014, 21, 1469-1473.	3.2	36
20	Expansion or Depletion of T Follicular Helper Cells During HIV Infection: Consequences for B cell Responses. Current HIV Research, 2014, 11, 595-600.	0.2	15
21	Suppressed Th17 Levels Correlate with Elevated PIAS3, SHP2, and SOCS3 Expression in CD4 T Cells during Acute Simian Immunodeficiency Virus Infection. Journal of Virology, 2013, 87, 7093-7101.	1.5	33
22	Loss and Dysregulation of Th17 Cells during HIV Infection. Clinical and Developmental Immunology, 2013, 2013, 1-9.	3.3	66
23	Rhesus Macaque Lymph Node PD-1hiCD4+ T Cells Express High Levels of CXCR5 and IL-21 and Display a CCR7loICOS+Bcl6+ T-Follicular Helper (Tfh) Cell Phenotype. PLoS ONE, 2013, 8, e59758.	1.1	35
24	CD34+CXCR4(CD184)+ Cells Differentiate Into Myeloid Dendritic Cell Progenitors. Blood, 2013, 122, 4835-4835.	0.6	0
25	Mucosal and Peripheral Lin ⁺ HLA-DR ⁺ CD11c/123 ⁺ CD13 ⁺ CD14 ⁺ Mononuclear Cells Are Preferentially Infected during Acute Simian Immunodeficiency Virus Infection. Journal of Virology, 2012, 86, 1069-1078.	1.5	24
26	Significant mobilization of both conventional and regulatory T cells with AMD3100. Blood, 2011, 118, 6580-6590.	0.6	61
27	Accelerated lymphocyte reconstitution and long-term recovery after transplantation of lentiviral-transduced rhesus CD34+ cells mobilized by G-CSF and plerixafor. Experimental Hematology, 2011, 39, 795-805.	0.2	34
28	Immune system development during early childhood in tropical Latin America: Evidence for the age-dependent down regulation of the innate immune response. Clinical Immunology, 2011, 138, 299-310.	1.4	49
29	Early Short-Term Antiretroviral Therapy Is Associated with a Reduced Prevalence of CD8 ⁺ FoxP3 ⁺ T Cells in Simian Immunodeficiency Virus-Infected Controller Rhesus Macaques. AIDS Research and Human Retroviruses, 2011, 27, 763-775.	0.5	17
30	Uveitis-Associated Epitopes of Retinal Antigens Are Pathogenic in the Humanized Mouse Model of Uveitis and Identify Autoaggressive T Cells. Journal of Immunology, 2011, 187, 1977-1985.	0.4	29
31	Genetic immunization in the lung induces potent local and systemic immune responses. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 22213-22218.	3.3	65
32	Development of an Acute and Highly Pathogenic Nonhuman Primate Model of Nipah Virus Infection. PLoS ONE, 2010, 5, e10690.	1.1	145
33	Long-Term Reconstitution of Transduced Rhesus CD34+ Cells Mobilized by G-CSF and Plerixafor.. Blood, 2010, 116, 1449-1449.	0.6	0
34	Increased IL-15 Production Is Associated with Higher Susceptibility of Memory CD4 T Cells to Simian Immunodeficiency Virus during Acute Infection. Journal of Immunology, 2009, 182, 1439-1448.	0.4	55
35	CD8+ Cell Depletion of SHIV89.6P-Infected Macaques Induces CD4+ T Cell Proliferation that Contributes to Increased Viral Loads. Journal of Immunology, 2009, 183, 5006-5012.	0.4	22
36	High frequencies of resting CD4 ⁺ T cells containing integrated viral DNA are found in rhesus macaques during acute lentivirus infections. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 8015-8020.	3.3	45

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37	Reduced Protection from Simian Immunodeficiency Virus SIV _{mac251} Infection Afforded by Memory CD8 ⁺ T Cells Induced by Vaccination during CD4 ⁺ T-Cell Deficiency. <i>Journal of Virology</i> , 2008, 82, 9629-9638.	1.5	54
38	Antiretroviral Therapy prior to Acute Viral Replication Preserves CD4 T Cells in the Periphery but Not in Rectal Mucosa during Acute Simian Immunodeficiency Virus Infection. <i>Journal of Virology</i> , 2008, 82, 11467-11471.	1.5	25
39	Estimating the Impact of Vaccination on Acute Simian-Human Immunodeficiency Virus/Simian Immunodeficiency Virus Infections. <i>Journal of Virology</i> , 2008, 82, 11589-11598.	1.5	15
40	Mucosa and vaccine-induced immune protection in nonhuman primates. <i>Current Opinion in HIV and AIDS</i> , 2008, 3, 387-392.	1.5	2
41	Differentially Expressed Genes in MHC-Compatible Rat Strains That Are Susceptible or Resistant to Experimental Autoimmune Uveitis. , 2008, 49, 1957.		9
42	Estimating the Infectivity of CCR5-Tropic Simian Immunodeficiency Virus SIV _{mac251} in the Gut. <i>Journal of Virology</i> , 2007, 81, 8025-8029.	1.5	16
43	CCR5 and HIV: the less, the better. <i>Blood</i> , 2007, 109, 854-854.	0.6	1
44	SIV-specific CD8 ⁺ T cells express high levels of PD1 and cytokines but have impaired proliferative capacity in acute and chronic SIV _{mac251} infection. <i>Blood</i> , 2007, 110, 928-936.	0.6	163
45	HIV vaccines: can mucosal CD4 T cells be protected?. <i>Current Opinion in HIV and AIDS</i> , 2006, 1, 272-276.	1.5	0
46	Acute HIV infection: it takes more than guts. <i>Current Opinion in HIV and AIDS</i> , 2006, 1, 10-15.	1.5	8
47	Systemic vaccination prevents the total destruction of mucosal CD4 T cells during acute SIV challenge. <i>Journal of Medical Primatology</i> , 2006, 35, 217-224.	0.3	27
48	Infectious Molecular Clones from a Simian Immunodeficiency Virus-Infected Rapid-Progressor (RP) Macaque: Evidence of Differential Selection of RP-Specific Envelope Mutations In Vitro and In Vivo. <i>Journal of Virology</i> , 2006, 80, 1463-1475.	1.5	27
49	Vaccination preserves CD4 memory T cells during acute simian immunodeficiency virus challenge. <i>Journal of Experimental Medicine</i> , 2006, 203, 1533-1541.	4.2	169
50	Toll-like receptor agonists influence the magnitude and quality of memory T cell responses after prime-boost immunization in nonhuman primates. <i>Journal of Experimental Medicine</i> , 2006, 203, 1249-1258.	4.2	270
51	Massive infection and loss of memory CD4 ⁺ T cells in multiple tissues during acute SIV infection. <i>Nature</i> , 2005, 434, 1093-1097.	13.7	1,161
52	HIV Gag protein conjugated to a Toll-like receptor 7/8 agonist improves the magnitude and quality of Th1 and CD8 ⁺ T cell responses in nonhuman primates. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 15190-15194.	3.3	323
53	Characterization of subsets of CD4 ⁺ memory T cells reveals early branched pathways of T cell differentiation in humans. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 7916-7921.	3.3	91
54	Resting naive CD4 ⁺ T cells are massively infected and eliminated by X4-tropic simian-human immunodeficiency viruses in macaques. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 8000-8005.	3.3	96

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55	T-cell dynamics during acute SIV infection. <i>Aids</i> , 2004, 18, 13-23.	1.0	59
56	A predominant Th1 type of immune response is induced early during acute <i>Helicobacter pylori</i> infection in rhesus macaques. <i>Gastroenterology</i> , 2000, 118, 307-315.	0.6	94
57	Gastrointestinal Epithelium Is an Early Extrathymic Site for Increased Prevalence of CD34 ⁺ Progenitor Cells in Contrast to the Thymus during Primary Simian Immunodeficiency Virus Infection. <i>Journal of Virology</i> , 1999, 73, 4518-4523.	1.5	12
58	Activated Memory CD4 ⁺ T Helper Cells Repopulate the Intestine Early following Antiretroviral Therapy of Simian Immunodeficiency Virus-Infected Rhesus Macaques but Exhibit a Decreased Potential To Produce Interleukin-2. <i>Journal of Virology</i> , 1999, 73, 6661-6669.	1.5	35
59	Intracellular cytokine expression in the CD4 ⁺ and CD8 ⁺ T cells from intestinal mucosa of simian immunodeficiency virus infected macaques. <i>Journal of Medical Primatology</i> , 1998, 27, 129-140.	0.3	13
60	Intestinal Intraepithelial Lymphocytes Are Primed for Gamma Interferon and MIP-1 β Expression and Display Antiviral Cytotoxic Activity despite Severe CD4 ⁺ T-Cell Depletion in Primary Simian Immunodeficiency Virus Infection. <i>Journal of Virology</i> , 1998, 72, 6421-6429.	1.5	98
61	Gastrointestinal T Lymphocytes Retain High Potential for Cytokine Responses but Have Severe CD4 ⁺ T-Cell Depletion at All Stages of Simian Immunodeficiency Virus Infection Compared to Peripheral Lymphocytes. <i>Journal of Virology</i> , 1998, 72, 6646-6656.	1.5	187
62	Characterization of a novel bovine leukocyte protein involved in cell-cell adhesion. <i>Tissue Antigens</i> , 1994, 44, 252-260.	1.0	2