

Vipin Kumar

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

3,353
citations

186265

28
h-index

302126

39
g-index

40
all docs

40
docs citations

40
times ranked

3127
citing authors

#	ARTICLE	IF	CITATIONS
1	Prevention of Autoimmunity by Targeting a Distinct, Noninvariant CD1d-reactive T Cell Population Reactive to Sulfatide. <i>Journal of Experimental Medicine</i> , 2004, 199, 947-957.	8.5	369
2	Activation of Natural Killer T Cells Potentiates or Prevents Experimental Autoimmune Encephalomyelitis. <i>Journal of Experimental Medicine</i> , 2001, 194, 1789-1799.	8.5	279
3	Type II NKT cell-mediated anergy induction in type I NKT cells prevents inflammatory liver disease. <i>Journal of Clinical Investigation</i> , 2007, 117, 2302-2312.	8.2	207
4	Structural basis for CD1d presentation of a sulfatide derived from myelin and its implications for autoimmunity. <i>Journal of Experimental Medicine</i> , 2005, 202, 1517-1526.	8.5	187
5	Cross-Regulation between Type I and Type II NKT Cells in Regulating Tumor Immunity: A New Immunoregulatory Axis. <i>Journal of Immunology</i> , 2007, 179, 5126-5136.	0.8	187
6	PD-1/PD-L Blockade Prevents Anergy Induction and Enhances the Anti-Tumor Activities of Glycolipid-Activated Invariant NKT Cells. <i>Journal of Immunology</i> , 2009, 182, 2816-2826.	0.8	178
7	Gut-liver axis at the frontier of host-microbial interactions. <i>American Journal of Physiology - Renal Physiology</i> , 2017, 312, G413-G419.	3.4	148
8	NKT cell subsets as key participants in liver physiology and pathology. <i>Cellular and Molecular Immunology</i> , 2016, 13, 337-346.	10.5	136
9	Type II natural killer T cells use features of both innate-like and conventional T cells to recognize sulfatide self antigens. <i>Nature Immunology</i> , 2012, 13, 851-856.	14.5	123
10	Oligoclonality and innate-like features in the TCR repertoire of type II NKT cells reactive to a β -linked self-glycolipid. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 10984-10989.	7.1	108
11	NKT-cell subsets: Promoters and protectors in inflammatory liver disease. <i>Journal of Hepatology</i> , 2013, 59, 618-620.	3.7	105
12	Type II NKT Cells and Their Emerging Role in Health and Disease. <i>Journal of Immunology</i> , 2017, 198, 1015-1021.	0.8	102
13	Sulfatide-Mediated Activation of Type II Natural Killer T Cells Prevents Hepatic Ischemic Reperfusion Injury In Mice. <i>Gastroenterology</i> , 2011, 140, 646-655.	1.3	97
14	Inhibition of type I natural killer T cells by retinoids or following sulfatide-mediated activation of type II natural killer T cells attenuates alcoholic liver disease in mice. <i>Hepatology</i> , 2015, 61, 1357-1369.	7.3	95
15	Regulation of Immunity by a Novel Population of Qa-1-Restricted CD8 α ⁺ TCR β ⁺ T Cells. <i>Journal of Immunology</i> , 2006, 177, 7645-7655.	0.8	87
16	Different subsets of natural killer T cells may vary in their roles in health and disease. <i>Immunology</i> , 2014, 142, 321-336.	4.4	87
17	Type II NKT Cells in Inflammation, Autoimmunity, Microbial Immunity, and Cancer. <i>Frontiers in Immunology</i> , 2015, 6, 316.	4.8	84
18	Regulatory T Cells Control Autoimmunity In Vivo by Inducing Apoptotic Depletion of Activated Pathogenic Lymphocytes. <i>Journal of Immunology</i> , 2003, 170, 2985-2992.	0.8	80

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19	Invariant natural killer T cells contribute to chronic-plus-binge ethanol-mediated liver injury by promoting hepatic neutrophil infiltration. <i>Cellular and Molecular Immunology</i> , 2016, 13, 206-216.	10.5	70
20	Differential Activation of Hepatic Invariant NKT Cell Subsets Plays a Key Role in Progression of Nonalcoholic Steatohepatitis. <i>Journal of Immunology</i> , 2018, 201, 3017-3035.	0.8	69
21	Recognition of Lysophosphatidylcholine by Type II NKT Cells and Protection from an Inflammatory Liver Disease. <i>Journal of Immunology</i> , 2014, 193, 4580-4589.	0.8	62
22	An integrative model of regulation centered on recognition of TCR peptide/MHC complexes. <i>Immunological Reviews</i> , 2001, 182, 113-121.	6.0	61
23	Type II NKT cells: a distinct CD1d-restricted immune regulatory NKT cell subset. <i>Immunogenetics</i> , 2016, 68, 665-676.	2.4	56
24	Involvement of Secretory and Endosomal Compartments in Presentation of an Exogenous Self-Glycolipid to Type II NKT Cells. <i>Journal of Immunology</i> , 2008, 180, 2942-2950.	0.8	52
25	NKT Cells Stimulated by Long Fatty Acyl Chain Sulfatides Significantly Reduces the Incidence of Type 1 Diabetes in Nonobese Diabetic Mice. <i>PLoS ONE</i> , 2012, 7, e37771.	2.5	44
26	Involvement of IFN- γ and perforin, but not Fas/FasL interactions in regulatory T cell-mediated suppression of experimental autoimmune encephalomyelitis. <i>Journal of Neuroimmunology</i> , 2010, 229, 91-97.	2.3	37
27	Dendritic Cells and Anergic Type I NKT Cells Play a Crucial Role in Sulfatide-Mediated Immune Regulation in Experimental Autoimmune Encephalomyelitis. <i>Journal of Immunology</i> , 2014, 193, 1035-1046.	0.8	35
28	Complex Network of NKT Cell Subsets Controls Immune Homeostasis in Liver and Gut. <i>Frontiers in Immunology</i> , 2018, 9, 2082.	4.8	35
29	Blockade of IL-17 signaling reverses alcohol-induced liver injury and excessive alcohol drinking in mice. <i>JCI Insight</i> , 2020, 5, .	5.0	29
30	High-throughput sequencing reveals restricted TCR V β usage and public TCR clonotypes among pancreatic lymph node memory CD4 + T cells and their involvement in autoimmune diabetes. <i>Molecular Immunology</i> , 2016, 74, 82-95.	2.2	24
31	Intestinal iNKT cells migrate to liver and contribute to hepatocyte apoptosis during alcoholic liver disease. <i>American Journal of Physiology - Renal Physiology</i> , 2019, 316, G585-G597.	3.4	23
32	Distinct PLZF+CD8 α^+ Unconventional T Cells Enriched in Liver Use a Cytotoxic Mechanism to Limit Autoimmunity. <i>Journal of Immunology</i> , 2019, 203, 2150-2162.	0.8	19
33	Sulfatide administration leads to inhibition of HIV-1 replication and enhanced hematopoiesis. <i>Journal of Stem Cells</i> , 2010, 5, 33-42.	1.0	18
34	Global expression profiling of peripheral Qa-1 α -restricted CD8 α^+ TCR β^+ regulatory T cells reveals innate-like features: Implications for immune-regulatory repertoire. <i>Human Immunology</i> , 2012, 73, 214-222.	2.4	15
35	Differential Activation of Unconventional T Cells, Including iNKT Cells, in Alcohol-Related Liver Disease. <i>Alcoholism: Clinical and Experimental Research</i> , 2020, 44, 1061-1074.	2.4	12
36	Deficiency of Intestinal α 2-Fucosylation Exacerbates Ethanol-Induced Liver Disease in Mice. <i>Alcoholism: Clinical and Experimental Research</i> , 2020, 44, 1842-1851.	2.4	11

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37	Complexity and function of natural killer T cells with potential application to hepatic transplant survival. <i>Liver Transplantation</i> , 2017, 23, 1589-1592.	2.4	9
38	Advances in the Study of CD8+ Regulatory T Cells. <i>Critical Reviews in Immunology</i> , 2019, 39, 409-421.	0.5	7
39	Crystal structure of Qa-1a with bound Qa-1 determinant modifier peptide. <i>PLoS ONE</i> , 2017, 12, e0182296.	2.5	6
40	Class Ib MHCâ€‘Mediated Immune Interactions Play a Critical Role in Maintaining Mucosal Homeostasis in the Mammalian Large Intestine. <i>ImmunoHorizons</i> , 2021, 5, 953-971.	1.8	0