

Jason K Whitmire

List of Publications by Year in descending order

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70
papers

5,914
citations

61984

43
h-index

91884

69
g-index

70
all docs

70
docs citations

70
times ranked

8666
citing authors

#	ARTICLE	IF	CITATIONS
1	Humoral Immunity Due to Long-Lived Plasma Cells. <i>Immunity</i> , 1998, 8, 363-372.	14.3	1,105
2	Interferon- β acts directly on CD8+ T cells to increase their abundance during virus infection. <i>Journal of Experimental Medicine</i> , 2005, 201, 1053-1059.	8.5	283
3	Conserved T Cell Receptor Repertoire in Primary and Memory CD8 T Cell Responses to an Acute Viral Infection. <i>Journal of Experimental Medicine</i> , 1998, 188, 71-82.	8.5	214
4	A Role for Perforin in Downregulating T-Cell Responses during Chronic Viral Infection. <i>Journal of Virology</i> , 1999, 73, 2527-2536.	3.4	205
5	The Mouse Universal Genotyping Array: From Substrains to Subspecies. <i>G3: Genes, Genomes, Genetics</i> , 2016, 6, 263-279.	1.8	199
6	Role of CD28-B7 Interactions in Generation and Maintenance of CD8 T Cell Memory. <i>Journal of Immunology</i> , 2001, 167, 5565-5573.	0.8	180
7	Requirement of B Cells for Generating CD4+ T Cell Memory. <i>Journal of Immunology</i> , 2009, 182, 1868-1876.	0.8	153
8	Role of CD4 T Cell Help and Costimulation in CD8 T Cell Responses During <i>Listeria monocytogenes</i> Infection. <i>Journal of Immunology</i> , 2003, 170, 2053-2063.	0.8	146
9	Regulation of the hepatitis C virus RNA replicase by endogenous lipid peroxidation. <i>Nature Medicine</i> , 2014, 20, 927-935.	30.7	130
10	Costimulation in antiviral immunity: differential requirements for CD4+ and CD8+ T cell responses. <i>Current Opinion in Immunology</i> , 2000, 12, 448-455.	5.5	129
11	Inflammasomes Coordinate Pyroptosis and Natural Killer Cell Cytotoxicity to Clear Infection by a Ubiquitous Environmental Bacterium. <i>Immunity</i> , 2015, 43, 987-997.	14.3	127
12	4-1BB Costimulation Is Required for Protective Anti-Viral Immunity After Peptide Vaccination. <i>Journal of Immunology</i> , 2000, 164, 2320-2325.	0.8	126
13	Platelets prevent IFN- β /IFN- γ -induced lethal hemorrhage promoting CTL-dependent clearance of lymphocytic choriomeningitis virus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 629-634.	7.1	119
14	The Depletion of NK Cells Prevents T Cell Exhaustion to Efficiently Control Disseminating Virus Infection. <i>Journal of Immunology</i> , 2013, 190, 641-649.	0.8	112
15	Long-Term CD4 Th1 and Th2 Memory following Acute Lymphocytic Choriomeningitis Virus Infection. <i>Journal of Virology</i> , 1998, 72, 8281-8288.	3.4	111
16	A Specific Role for B Cells in the Generation of CD8 T Cell Memory by Recombinant <i>Listeria monocytogenes</i> . <i>Journal of Immunology</i> , 2003, 170, 1443-1451.	0.8	108
17	Obesity Expands a Distinct Population of T Cells in Adipose Tissue and Increases Vulnerability to Infection. <i>Cell Reports</i> , 2019, 27, 514-524.e5.	6.4	105
18	Detection of Intracellular Cytokines by Flow Cytometry. <i>Current Protocols in Immunology</i> , 2007, 78, Unit 6.24.	3.6	95

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19	Bone Marrow Contains Virus-Specific Cytotoxic T Lymphocytes. <i>Blood</i> , 1997, 90, 2103-2108.	1.4	88
20	Characterization of Virus-Mediated Inhibition of Mixed Chimerism and Allospecific Tolerance. <i>Journal of Immunology</i> , 2001, 167, 4987-4995.	0.8	86
21	Persistent Macrophage/Microglial Activation and Myelin Disruption after Experimental Autoimmune Encephalomyelitis in Tissue Inhibitor of Metalloproteinase-1-Deficient Mice. <i>American Journal of Pathology</i> , 2006, 169, 2104-2116.	3.8	85
22	NK Cells and Their Ability to Modulate T Cells during Virus Infections. <i>Critical Reviews in Immunology</i> , 2014, 34, 359-388.	0.5	85
23	GATA-3 controls the maintenance and proliferation of T cells downstream of TCR and cytokine signaling. <i>Nature Immunology</i> , 2013, 14, 714-722.	14.5	84
24	Direct Interferon- β Signaling Dramatically Enhances CD4+ and CD8+ T Cell Memory. <i>Journal of Immunology</i> , 2007, 179, 1190-1197.	0.8	82
25	CD4 on CD8+ T cells directly enhances effector function and is a target for HIV infection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 8727-8732.	7.1	81
26	MAVS-dependent host species range and pathogenicity of human hepatitis A virus. <i>Science</i> , 2016, 353, 1541-1545.	12.6	80
27	T Follicular Helper Cell-Dependent Clearance of a Persistent Virus Infection Requires T Cell Expression of the Histone Demethylase UTX. <i>Immunity</i> , 2015, 43, 703-714.	14.3	76
28	Biliary Secretion of Quasi-Enveloped Human Hepatitis A Virus. <i>MBio</i> , 2016, 7, .	4.1	74
29	Precursor Frequency, Nonlinear Proliferation, and Functional Maturation of Virus-Specific CD4+T Cells. <i>Journal of Immunology</i> , 2006, 176, 3028-3036.	0.8	71
30	Induction and function of virus-specific CD4+ T cell responses. <i>Virology</i> , 2011, 411, 216-228.	2.4	70
31	Tentative T Cells: Memory Cells Are Quick to Respond, but Slow to Divide. <i>PLoS Pathogens</i> , 2008, 4, e1000041.	4.7	69
32	Basal expression of interferon regulatory factor 1 drives intrinsic hepatocyte resistance to multiple RNA viruses. <i>Nature Microbiology</i> , 2019, 4, 1096-1104.	13.3	69
33	Antiviral CD4 and CD8 T cell memory: differences in the size of the response and activation requirements. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2000, 355, 373-379.	4.0	67
34	NLRX1 promotes immediate IRF1-directed antiviral responses by limiting dsRNA-activated translational inhibition mediated by PKR. <i>Nature Immunology</i> , 2017, 18, 1299-1309.	14.5	65
35	TIM1 (HAVCR1) Is Not Essential for Cellular Entry of Either Quasi-enveloped or Naked Hepatitis A Virions. <i>MBio</i> , 2017, 8, .	4.1	63
36	The Innate Immune Sensor NLR3 Acts as a Rheostat that Fine-Tunes T Cell Responses in Infection and Autoimmunity. <i>Immunity</i> , 2018, 49, 1049-1061.e6.	14.3	62

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37	NK cells inhibit humoral immunity by reducing the abundance of CD4+ T follicular helper cells during a chronic virus infection. <i>Journal of Leukocyte Biology</i> , 2015, 98, 153-162.	3.3	59
38	Content and Performance of the MiniMUGA Genotyping Array: A New Tool To Improve Rigor and Reproducibility in Mouse Research. <i>Genetics</i> , 2020, 216, 905-930.	2.9	58
39	Caspase-7 activates ASM to repair gasdermin and perforin pores. <i>Nature</i> , 2022, 606, 960-967.	27.8	53
40	Cutting Edge: Early IFN- \hat{I}^3 Signaling Directly Enhances Primary Antiviral CD4+ T Cell Responses. <i>Journal of Immunology</i> , 2005, 175, 5624-5628.	0.8	52
41	B Cell Depletion Curtails CD4+ T Cell Memory and Reduces Protection against Disseminating Virus Infection. <i>Journal of Immunology</i> , 2014, 192, 1597-1608.	0.8	52
42	Coxsackievirus B3 Inhibits Antigen Presentation In Vivo, Exerting a Profound and Selective Effect on the MHC Class I Pathway. <i>PLoS Pathogens</i> , 2009, 5, e1000618.	4.7	50
43	Immune suppression or enhancement by CD137 T cell costimulation during acute viral infection is time dependent. <i>Journal of Clinical Investigation</i> , 2007, 117, 3029-3041.	8.2	49
44	Gangliosides are essential endosomal receptors for quasi-enveloped and naked hepatitis A virus. <i>Nature Microbiology</i> , 2020, 5, 1069-1078.	13.3	45
45	Role of Lymphotoxin \hat{I}^{\pm} in T-Cell Responses during an Acute Viral Infection. <i>Journal of Virology</i> , 2002, 76, 3943-3951.	3.4	44
46	The CD4 molecule on CD8+ T lymphocytes directly enhances the immune response to viral and cellular antigens. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 3794-3799.	7.1	44
47	Amelioration of Coxsackievirus B3-Mediated Myocarditis by Inhibition of Tissue Inhibitors of Matrix Metalloproteinase-1. <i>American Journal of Pathology</i> , 2007, 171, 1762-1773.	3.8	35
48	Increasing the CD4+T Cell Precursor Frequency Leads to Competition for IFN- \hat{I}^3 Thereby Degrading Memory Cell Quantity and Quality. <i>Journal of Immunology</i> , 2008, 180, 6777-6785.	0.8	32
49	IFN- \hat{I}^{\gg} Exerts Opposing Effects on T Cell Responses Depending on the Chronicity of the Virus Infection. <i>Journal of Immunology</i> , 2014, 192, 3596-3606.	0.8	28
50	DCAF1 controls T-cell function via p53-dependent and -independent mechanisms. <i>Nature Communications</i> , 2016, 7, 10307.	12.8	27
51	LAG-3 Confers a Competitive Disadvantage upon Antiviral CD8+ T Cell Responses. <i>Journal of Immunology</i> , 2016, 197, 119-127.	0.8	23
52	IgG-Immune Complexes Promote B Cell Memory by Inducing BAFF. <i>Journal of Immunology</i> , 2016, 196, 196-206.	0.8	23
53	The economy of T-cell memory: CD4+ recession in times of CD8+ stability?. <i>Nature Medicine</i> , 2001, 7, 892-893.	30.7	22
54	A Multivalent Vaccination Strategy for the Prevention of Old World Arenavirus Infection in Humans. <i>Journal of Virology</i> , 2010, 84, 9947-9956.	3.4	21

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55	Murine Models of Hepatitis A Virus Infection. Cold Spring Harbor Perspectives in Medicine, 2019, 9, a031674.	6.2	20
56	The Regulation and Maturation of Antiviral Immune Responses. Advances in Virus Research, 2004, 63, 181-238.	2.1	19
57	HLA-A2-Restricted Protection against Lethal Lymphocytic Choriomeningitis. Journal of Virology, 2007, 81, 2307-2317.	3.4	19
58	Epigenetic Dysfunction in Turner Syndrome Immune Cells. Current Allergy and Asthma Reports, 2016, 16, 36.	5.3	18
59	Mice deficient in stem cell antigenâ€¹ (Sca1, Lyâ€¶A/E) develop normal primary and memory CD4⁺ and CD8⁺ Tâ€¶cell responses to virus infection. European Journal of Immunology, 2009, 39, 1494-1504.	2.9	17
60	T cells protect against hepatitis A virus infection and limit infection-induced liver injury. Journal of Hepatology, 2021, 75, 1323-1334.	3.7	17
61	Distinct CD8 T Cell Functions Mediate Susceptibility to Histoplasmosis During Chronic Viral Infection. Journal of Immunology, 2001, 167, 4566-4573.	0.8	14
62	Myelin oligodendrocyte glycoprotein peptide-induced experimental allergic encephalomyelitis and T cell responses are unaffected by immunoproteasome deficiency. Journal of Neuroimmunology, 2007, 192, 124-133.	2.3	14
63	The SKI proto-oncogene restrains the resident CD103+CD8+ T cell response in viral clearance. Cellular and Molecular Immunology, 2020, 18, 2410-2421.	10.5	11
64	IRF3-mediated pathogenicity in a murine model of human hepatitis A. PLoS Pathogens, 2021, 17, e1009960.	4.7	10
65	UTX promotes CD8+ Tâ€¶cell-mediated antiviral defenses but reduces Tâ€¶cell durability. Cell Reports, 2021, 35, 108966.	6.4	9
66	The ZCCHC14/TENT4 complex is required for hepatitis A virus RNA synthesis. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	7.1	8
67	Differential T Cell Responses to Residual Viral Antigen Prolong CD4+ T Cell Contraction following the Resolution of Infection. Journal of Immunology, 2013, 191, 5655-5668.	0.8	6
68	Iminosugar Glucosidase Inhibitors Reduce Hepatic Inflammation in Hepatitis A Virus-Infected <i>Ifnar1⁺/i> Mice. Journal of Virology, 2021, 95, .	3.4	6
69	Identification of a Locus in Mice that Regulates the Collateral Damage and Lethality of Virus Infection. Cell Reports, 2019, 27, 1387-1396.e5.	6.4	5
70	Editorial: Not all roads to T cell memory go through STAT4 and T-bet. Journal of Leukocyte Biology, 2014, 95, 699-701.	3.3	0