# 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 | Caspase-7 activates ASM to repair gasdermin and perforin pores. Nature, 2022, 606, 960-967. | 27.8 | 53 |
| 2 | 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 |
| 3 | UTX promotes CD8+ TÂcell-mediated antiviral defenses but reduces TÂcell durability. Cell Reports, 2021, 35, 108966. | 6.4 | 9 |
| 4 | Iminosugar Glucosidase Inhibitors Reduce Hepatic Inflammation in Hepatitis A Virus-Infected  Ifnar1 <sup>â˜/â˜</sup>  Mice. Journal of Virology, 2021, 95, . | 3.4 | 6 |
| 5 | T cells protect against hepatitis A virus infection and limit infection-inducedÂliver injury. Journal of Hepatology, 2021, 75, 1323-1334. | 3.7 | 17 |
| 6 | IRF3-mediated pathogenicity in a murine model of human hepatitis A. PLoS Pathogens, 2021, 17, e1009960. | 4.7 | 10 |
| 7 | Content and Performance of the MiniMUGA Genotyping Array: A New Tool To Improve Rigor and Reproducibility in Mouse Research. Genetics, 2020, 216, 905-930. | 2.9 | 58 |
| 8 | 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 |
| 9 | Gangliosides are essential endosomal receptors for quasi-enveloped and naked hepatitis A virus. Nature Microbiology, 2020, 5, 1069-1078. | 13.3 | 45 |
| 10 | 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 |
| 11 | Obesity Expands a Distinct Population of T Cells in Adipose Tissue and Increases Vulnerability to Infection. Cell Reports, 2019, 27, 514-524.e5. | 6.4 | 105 |
| 12 | Basal expression of interferon regulatory factor 1 drives intrinsic hepatocyte resistance to multiple RNA viruses. Nature Microbiology, 2019, 4, 1096-1104. | 13.3 | 69 |
| 13 | Murine Models of Hepatitis A Virus Infection. Cold Spring Harbor Perspectives in Medicine, 2019, 9, a031674. | 6.2 | 20 |
| 14 | The Innate Immune Sensor NLRC3 Acts as a Rheostat that Fine-Tunes T Cell Responses in Infection and Autoimmunity. Immunity, 2018, 49, 1049-1061.e6. | 14.3 | 62 |
| 15 | NLRX1 promotes immediate IRF1-directed antiviral responses by limiting dsRNA-activated translational inhibition mediated by PKR. Nature Immunology, 2017, 18, 1299-1309. | 14.5 | 65 |
| 16 | TIM1 (HAVCR1) Is Not Essential for Cellular Entry of Either Quasi-enveloped or Naked Hepatitis A Virions. MBio, 2017, 8, . | 4.1 | 63 |
| 17 | The Mouse Universal Genotyping Array: From Substrains to Subspecies. G3: Genes, Genomes, Genetics, 2016, 6, 263-279. | 1.8 | 199 |
| 18 | Biliary Secretion of Quasi-Enveloped Human Hepatitis A Virus. MBio, 2016, 7, . | 4.1 | 74 |

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|---|---|---|---|
| 19 | Epigenetic Dysfunction in Turner Syndrome Immune Cells. Current Allergy and Asthma Reports, 2016, 16, 36. | 5.3 | 18 |
| 20 | LAG-3 Confers a Competitive Disadvantage upon Antiviral CD8+ T Cell Responses. Journal of Immunology, 2016, 197, 119-127. | 0.8 | 23 |
| 21 | MAVS-dependent host species range and pathogenicity of human hepatitis A virus. Science, 2016, 353, 1541-1545. | 12.6 | 80 |
| 22 | IgG-Immune Complexes Promote B Cell Memory by Inducing BAFF. Journal of Immunology, 2016, 196, 196-206. | 0.8 | 23 |
| 23 | DCAF1 controls T-cell function via p53-dependent and -independent mechanisms. Nature Communications, 2016, 7, 10307. | 12.8 | 27 |
| 24 | NK cells inhibit humoral immunity by reducing the abundance of CD4+ T follicular helper cells during a chronic virus infection. Journal of Leukocyte Biology, 2015, 98, 153-162. | 3.3 | 59 |
| 25 | T Follicular Helper Cell-Dependent Clearance of a Persistent Virus Infection Requires T Cell Expression of the Histone Demethylase UTX. Immunity, 2015, 43, 703-714. | 14.3 | 76 |
| 26 | Inflammasomes Coordinate Pyroptosis and Natural Killer Cell Cytotoxicity to Clear Infection by a Ubiquitous Environmental Bacterium. Immunity, 2015, 43, 987-997. | 14.3 | 127 |
| 27 | NK Cells and Their Ability to Modulate T Cells during Virus Infections. Critical Reviews in Immunology, 2014, 34, 359-388. | 0.5 | 85 |
| 28 | 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 |
| 29 | Regulation of the hepatitis C virus RNA replicase by endogenous lipid peroxidation. Nature Medicine, 2014, 20, 927-935. | 30.7 | 130 |
| 30 | B Cell Depletion Curtails CD4+ T Cell Memory and Reduces Protection against Disseminating Virus Infection. Journal of Immunology, 2014, 192, 1597-1608. | 0.8 | 52 |
| 31 | IFN-Î» Exerts Opposing Effects on T Cell Responses Depending on the Chronicity of the Virus Infection. Journal of Immunology, 2014, 192, 3596-3606. | 0.8 | 28 |
| 32 | GATA-3 controls the maintenance and proliferation of T cells downstream of TCR and cytokine signaling. Nature Immunology, 2013, 14, 714-722. | 14.5 | 84 |
| 33 | 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 |
| 34 | The Depletion of NK Cells Prevents T Cell Exhaustion to Efficiently Control Disseminating Virus Infection. Journal of Immunology, 2013, 190, 641-649. | 0.8 | 112 |
| 35 | Induction and function of virus-specific CD4+ T cell responses. Virology, 2011, 411, 216-228. | 2.4 | 70 |
| 36 | A Multivalent Vaccination Strategy for the Prevention of Old World Arenavirus Infection in Humans. Journal of Virology, 2010, 84, 9947-9956. | 3.4 | 21 |

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|---|---|---|---|
| 37 | Requirement of B Cells for Generating CD4+ T Cell Memory. Journal of Immunology, 2009, 182, 1868-1876. | 0.8 | 153 |
| 38 | Coxsackievirus B3 Inhibits Antigen Presentation In Vivo, Exerting a Profound and Selective Effect on the MHC Class I Pathway. PLoS Pathogens, 2009, 5, e1000618. | 4.7 | 50 |
| 39 | Mice deficient in stem cell antigenâ€1 (Sca1, Lyâ€6A/E) develop normal primary and memory CD4<sup>+</sup> and CD8<sup>+</sup> Tâ€cell responses to virus infection. European Journal of Immunology, 2009, 39, 1494-1504. | 2.9 | 17 |
| 40 | Platelets prevent IFN-Î±/Î²-induced lethal hemorrhage promoting CTL-dependent clearance of lymphocytic choriomeningitis virus. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 629-634. | 7.1 | 119 |
| 41 | Increasing the CD4+T Cell Precursor Frequency Leads to Competition for IFN-Î³ Thereby Degrading Memory Cell Quantity and Quality. Journal of Immunology, 2008, 180, 6777-6785. | 0.8 | 32 |
| 42 | Tentative T Cells: Memory Cells Are Quick to Respond, but Slow to Divide. PLoS Pathogens, 2008, 4, e1000041. | 4.7 | 69 |
| 43 | Direct Interferon-Î³ Signaling Dramatically Enhances CD4+ and CD8+ T Cell Memory. Journal of Immunology, 2007, 179, 1190-1197. | 0.8 | 82 |
| 44 | HLA-A2-Restricted Protection against Lethal Lymphocytic Choriomeningitis. Journal of Virology, 2007, 81, 2307-2317. | 3.4 | 19 |
| 45 | Amelioration of Coxsackievirus B3-Mediated Myocarditis by Inhibition of Tissue Inhibitors of Matrix Metalloproteinase-1. American Journal of Pathology, 2007, 171, 1762-1773. | 3.8 | 35 |
| 46 | Detection of Intracellular Cytokines by Flow Cytometry. Current Protocols in Immunology, 2007, 78, Unit 6.24. | 3.6 | 95 |
| 47 | 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 |
| 48 | Immune suppression or enhancement by CD137 T cell costimulation during acute viral infection is time dependent. Journal of Clinical Investigation, 2007, 117, 3029-3041. | 8.2 | 49 |
| 49 | Persistent Macrophage/Microglial Activation and Myelin Disruption after Experimental Autoimmune Encephalomyelitis in Tissue Inhibitor of Metalloproteinase-1-Deficient Mice. American Journal of Pathology, 2006, 169, 2104-2116. | 3.8 | 85 |
| 50 | Precursor Frequency, Nonlinear Proliferation, and Functional Maturation of Virus-Specific CD4+T Cells. Journal of Immunology, 2006, 176, 3028-3036. | 0.8 | 71 |
| 51 | Cutting Edge: Early IFN-Î³ Signaling Directly Enhances Primary Antiviral CD4+ T Cell Responses. Journal of Immunology, 2005, 175, 5624-5628. | 0.8 | 52 |
| 52 | The CD4 molecule on CD8+ T lymphocytes directly enhances the immune response to viral and cellular antigens. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 3794-3799. | 7.1 | 44 |
| 53 | Interferon-Î³ acts directly on CD8+ T cells to increase their abundance during virus infection. Journal of Experimental Medicine, 2005, 201, 1053-1059. | 8.5 | 283 |
| 54 | CD4 on CD8+ T cells directly enhances effector function and is a target for HIV infection. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 8727-8732. | 7.1 | 81 |

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|---|---|---|---|
| 55 | The Regulation and Maturation of Antiviral Immune Responses. Advances in Virus Research, 2004, 63, 181-238. | 2.1 | 19 |
| 56 | A Specific Role for B Cells in the Generation of CD8 T Cell Memory by RecombinantListeria monocytogenes. Journal of Immunology, 2003, 170, 1443-1451. | 0.8 | 108 |
| 57 | Role of CD4 T Cell Help and Costimulation in CD8 T Cell Responses During Listeria monocytogenes Infection. Journal of Immunology, 2003, 170, 2053-2063. | 0.8 | 146 |
| 58 | Role of Lymphotoxin Î± in T-Cell Responses during an Acute Viral Infection. Journal of Virology, 2002, 76, 3943-3951. | 3.4 | 44 |
| 59 | The economy of T-cell memory: CD4+ recession in times of CD8+ stability?. Nature Medicine, 2001, 7, 892-893. | 30.7 | 22 |
| 60 | Distinct CD8 T Cell Functions Mediate Susceptibility to Histoplasmosis During Chronic Viral Infection. Journal of Immunology, 2001, 167, 4566-4573. | 0.8 | 14 |
| 61 | Role of CD28-B7 Interactions in Generation and Maintenance of CD8 T Cell Memory. Journal of Immunology, 2001, 167, 5565-5573. | 0.8 | 180 |
| 62 | Characterization of Virus-Mediated Inhibition of Mixed Chimerism and Allospecific Tolerance. Journal of Immunology, 2001, 167, 4987-4995. | 0.8 | 86 |
| 63 | Costimulation in antiviral immunity: differential requirements for CD4+ and CD8+ T cell responses. Current Opinion in Immunology, 2000, 12, 448-455. | 5.5 | 129 |
| 64 | 4-1BB Costimulation Is Required for Protective Anti-Viral Immunity After Peptide Vaccination. Journal of Immunology, 2000, 164, 2320-2325. | 0.8 | 126 |
| 65 | Antiviral CD4 and CD8 Tâ€“cell memory: differences in the size of the response and activation requirements. Philosophical Transactions of the Royal Society B: Biological Sciences, 2000, 355, 373-379. | 4.0 | 67 |
| 66 | A Role for Perforin in Downregulating T-Cell Responses during Chronic Viral Infection. Journal of Virology, 1999, 73, 2527-2536. | 3.4 | 205 |
| 67 | Humoral Immunity Due to Long-Lived Plasma Cells. Immunity, 1998, 8, 363-372. | 14.3 | 1,105 |
| 68 | Conserved T Cell Receptor Repertoire in Primary and Memory CD8 T Cell Responses to an Acute Viral Infection. Journal of Experimental Medicine, 1998, 188, 71-82. | 8.5 | 214 |
| 69 | Long-Term CD4 Th1 and Th2 Memory following Acute Lymphocytic Choriomeningitis Virus Infection. Journal of Virology, 1998, 72, 8281-8288. | 3.4 | 111 |
| 70 | Bone Marrow Contains Virus-Specific Cytotoxic T Lymphocytes. Blood, 1997, 90, 2103-2108. | 1.4 | 88 |