John R Teijaro

List of Publications by Citations

71 papers	5,728 citations	32 h-index	75 g-index
78 ext. papers	7,405 ext. citations	14.4 avg, IF	6.41 L-index

#	Paper	IF	Citations
71	Isolation of potent SARS-CoV-2 neutralizing antibodies and protection from disease in a small animal model. *Science*, **2020**, 369, 956-963	33.3	906
70	Persistent LCMV infection is controlled by blockade of type I interferon signaling. *Science*, **2013**, 340, 207-11	33.3	527
69	Endothelial cells are central orchestrators of cytokine amplification during influenza virus infection. *Cell*, **2011**, 146, 980-91	56.2	471
68	Cutting edge: Tissue-retentive lung memory CD4 T cells mediate optimal protection to respiratory virus infection. *Journal of Immunology*, **2011**, 187, 5510-4	5.3	433
67	Proteome-wide covalent ligand discovery in native biological systems. *Nature*, **2016**, 534, 570-4	50.4	406
66	COVID-19 vaccines: modes of immune activation and future challenges. *Nature Reviews Immunology* , **2021**, 21, 195-197	36.5	208
65	Suppression of cytokine storm with a sphingosine analog provides protection against pathogenic influenza virus. *Proceedings of the National Academy of Sciences of the United States of America*, **2011**, 108, 12018-23	11.5	185
64	PAD4-mediated neutrophil extracellular trap formation is not required for immunity against influenza infection. *PLoS ONE*, **2011**, 6, e22043	3.7	178
63	Mapping the innate signaling cascade essential for cytokine storm during influenza virus infection. *Proceedings of the National Academy of Sciences of the United States of America*, **2014**, 111, 3799-804	11.5	145
62	MicroRNAs of the miR-17~92 family are critical regulators of T(FH) differentiation. *Nature Immunology*, **2013**, 14, 849-57	19.1	145
61	Memory CD4 T cells direct protective responses to influenza virus in the lungs through helper-independent mechanisms. *Journal of Virology*, **2010**, 84, 9217-26	6.6	137
60	Type I interferons in viral control and immune regulation. *Current Opinion in Virology*, **2016**, 16, 31-40	7.5	116
59	Blockade of interferon Beta, but not interferon alpha, signaling controls persistent viral infection. *Cell Host and Microbe*, **2015**, 17, 653-61	23.4	114
58	Control of memory CD4 T cell recall by the CD28/B7 costimulatory pathway. *Journal of Immunology*, **2006**, 177, 7698-706	5.3	111
57	GM-CSF-based treatments in COVID-19: reconciling opposing therapeutic approaches. *Nature Reviews Immunology*, **2020**, 20, 507-514	36.5	108
56	Chemical proteomic map of dimethyl fumarate-sensitive cysteines in primary human T cells. *Science Signaling*, **2016**, 9, rs10	8.8	107
55	Cutting Edge: B Cell-Intrinsic T-bet Expression Is Required To Control Chronic Viral Infection. *Journal of Immunology*, **2016**, 197, 1017-22	5.3	105

54	Antitumor activity of a systemic STING-activating non-nucleotide cGAMP mimetic. *Science*, **2020**, 369, 993-999	33.3	94
53	CTLA4 expression is an indicator and regulator of steady-state CD4+ FoxP3+ T cell homeostasis. *Journal of Immunology*, **2008**, 181, 1806-13	5.3	85
52	Toll-like receptor 7 is required for effective adaptive immune responses that prevent persistent virus infection. *Cell Host and Microbe*, **2012**, 11, 643-53	23.4	57
51	An Activity-Guided Map of Electrophile-Cysteine Interactions in Primary Human T Cells. *Cell*, **2020**, 182, 1009-1026.e29	56.2	57
50	PLD3 and PLD4 are single-stranded acid exonucleases that regulate endosomal nucleic-acid sensing. *Nature Immunology*, **2018**, 19, 942-953	19.1	56
49	Quelling the storm: utilization of sphingosine-1-phosphate receptor signaling to ameliorate influenza virus-induced cytokine storm. *Immunologic Research*, **2011**, 51, 15-25	4.3	48
48	Animal model of respiratory syncytial virus: CD8+ T cells cause a cytokine storm that is chemically tractable by sphingosine-1-phosphate 1 receptor agonist therapy. *Journal of Virology*, **2014**, 88, 6281-93	6.6	46
47	Type I interferon is a therapeutic target for virus-induced lethal vascular damage. *Proceedings of the National Academy of Sciences of the United States of America*, **2014**, 111, 8925-30	11.5	44
46	The role of cytokine responses during influenza virus pathogenesis and potential therapeutic options. *Current Topics in Microbiology and Immunology*, **2015**, 386, 3-22	3.3	43
45	Costimulation modulation uncouples protection from immunopathology in memory T cell responses to influenza virus. *Journal of Immunology*, **2009**, 182, 6834-43	5.3	43
44	Selective blockade of the lyso-PS lipase ABHD12 stimulates immune responses in vivo. *Nature Chemical Biology*, **2018**, 14, 1099-1108	11.7	38
43	The anti-tumor agent, 5,6-dimethylxanthenone-4-acetic acid (DMXAA), induces IFN-beta-mediated antiviral activity in vitro and in vivo. *Journal of Leukocyte Biology*, **2011**, 89, 351-7	6.5	36
42	Rapid isolation of potent SARS-CoV-2 neutralizing antibodies and protection in a small animal model **2020**,		35
41	Metformin inhibition of mitochondrial ATP and DNA synthesis abrogates NLRP3 inflammasome activation and pulmonary inflammation. *Immunity*, **2021**, 54, 1463-1477.e11	32.3	33
40	S1PR1-mediated IFNAR1 degradation modulates plasmacytoid dendritic cell interferon- autoamplification. *Proceedings of the National Academy of Sciences of the United States of America*, **2016**, 113, 1351-6	11.5	32
39	TLR2 engagement on dendritic cells promotes high frequency effector and memory CD4 T cell responses. *Journal of Immunology*, **2009**, 183, 7832-41	5.3	30
38	Three phases of CD8 T cell response in the lung following H1N1 influenza infection and sphingosine 1 phosphate agonist therapy. *PLoS ONE*, **2013**, 8, e58033	3.7	28
37	Dimethyl Fumarate Disrupts Human Innate Immune Signaling by Targeting the IRAK4-MyD88 Complex. *Journal of Immunology*, **2019**, 202, 2737-2746	5.3	26

36	Bordetella pertussis infection exacerbates influenza virus infection through pertussis toxin-mediated suppression of innate immunity. *PLoS ONE*, **2011**, 6, e19016	3.7	26
35	A protective broadly cross-reactive human antibody defines a conserved site of vulnerability on beta-coronavirus spikes **2021**,		26
34	IL-27 promotes the expansion of self-renewing CD8 T cells in persistent viral infection. *Journal of Experimental Medicine*, **2019**, 216, 1791-1808	16.6	25
33	PTPN22 contributes to exhaustion of T lymphocytes during chronic viral infection. *Proceedings of the National Academy of Sciences of the United States of America*, **2016**, 113, E7231-E7239	11.5	25
32	Drug repurposing screens identify chemical entities for the development of COVID-19 interventions. *Nature Communications*, **2021**, 12, 3309	17.4	25
31	Early virus-host interactions dictate the course of a persistent infection. *PLoS Pathogens*, **2015**, 11, e1004588	7.5	24
30	Protection of ferrets from pulmonary injury due to H1N1 2009 influenza virus infection: immunopathology tractable by sphingosine-1-phosphate 1 receptor agonist therapy. *Virology*, **2014** , 452-453, 152-7	3.6	23
29	Rational design of a Kv1.3 channel-blocking antibody as a selective immunosuppressant. *Proceedings of the National Academy of Sciences of the United States of America*, **2016**, 113, 11501-11506	11.5	22
28	Discovery of Small Molecules for the Reversal of T Cell Exhaustion. *Cell Reports*, **2019**, 29, 3293-3302.e3	10.6	22
27	General Molecular Strategy for Development of Arenavirus Live-Attenuated Vaccines. *Journal of Virology*, **2015**, 89, 12166-77	6.6	21
26	Hypomorphic mutation in the site-1 protease Mbtps1 endows resistance to persistent viral infection in a cell-specific manner. *Cell Host and Microbe*, **2011**, 9, 212-222	23.4	20
25	Metabolizing Data in the Cloud. *Trends in Biotechnology*, **2017**, 35, 481-483	15.1	19
24	Expanded potential for recombinant trisegmented lymphocytic choriomeningitis viruses: protein production, antibody production, and in vivo assessment of biological function of genes of interest. *Journal of Virology*, **2011**, 85, 7928-32	6.6	17
23	Heterogeneous memory T cells in antiviral immunity and immunopathology. *Viral Immunology*, **2008**, 21, 99-113	1.7	16
22	Detecting Tumor Antigen-Specific T Cells via Interaction-Dependent Fucosyl-Biotinylation. *Cell*, **2020**, 183, 1117-1133.e19	56.2	16
21	A human antibody reveals a conserved site on beta-coronavirus spike proteins and confers protection against SARS-CoV-2 infection.. *Science Translational Medicine*, **2022**, 14, eabi9215	17.5	15
20	Influenza NS1 directly modulates Hedgehog signaling during infection. *PLoS Pathogens*, **2017**, 13, e1006588	7.5	10
19	Sialic Acid Ligands of CD28 Suppress Costimulation of T Cells. *ACS Central Science*, **2021**, 7, 1508-1515	16.8	10

18	The probacterial effect of type I interferon signaling requires its own negative regulator USP18. *Science Immunology*, **2018**, 3,	28	9
17	Diverse immunoglobulin gene usage and convergent epitope targeting in neutralizing antibody responses to SARS-CoV-2. *Cell Reports*, **2021**, 35, 109109	10.6	7
16	Identification of an N-acetylneuraminic acid-presenting bacteria isolated from a human microbiome. *Scientific Reports*, **2021**, 11, 4763	4.9	7
15	Too much of a good thing: Sustained type 1 interferon signaling limits humoral responses to secondary viral infection. *European Journal of Immunology*, **2016**, 46, 300-2	6.1	6
14	A peptide-major histocompatibility complex II chimera favors survival of pancreatic beta-islets grafted in type 1 diabetic mice. *Transplantation*, **2008**, 85, 1717-25	1.8	5
13	Microglia do not restrict SARS-CoV-2 replication following infection of the central nervous system of K18-hACE2 transgenic mice.. *Journal of Virology*, **2021**, jvi0196921	6.6	5
12	Parallels Between the Antiviral State and the Irradiated State. *Journal of the National Cancer Institute*, **2021**, 113, 969-979	9.7	4
11	Taking down defenses to improve vaccines. *Science*, **2018**, 359, 277-278	33.3	3
10	Presentation of Autoantigen in Peripheral Lymph Nodes Is Sufficient for Priming Autoreactive CD8 T Cells. *Frontiers in Immunology*, **2017**, 8, 113	8.4	2
9	Microglia do not restrict SARS-CoV-2 replication following infection of the central nervous system of K18-hACE2 transgenic mice **2021**,		2
8	IFNAR1 signaling in NK cells promotes persistent virus infection. *Science Advances*, **2021**, 7,	14.3	2
7	IFN-□but not IFN-□is Responsible for the Pro-Bacterial Effect of Type I Interferon. *Cellular Physiology and Biochemistry*, **2021**, 55, 256-264	3.9	2
6	ISG15 drives immune pathology and respiratory failure during viral infection		1
5	Induction of Cross-Reactive and Protective Antibody Responses After DNA Vaccination With MHCII-Targeted Stem Domain From Influenza Hemagglutinin. *Frontiers in Immunology*, **2020**, 11, 431	8.4	1
4	Salicylanilides Reduce SARS-CoV-2 Replication and Suppress Induction of Inflammatory Cytokines in a Rodent Model. *ACS Infectious Diseases*, **2021**, 7, 2229-2237	5.5	1
3	HYBRiD: hydrogel-reinforced DISCO for clearing mammalian bodies.. *Nature Methods*, **2022**,	21.6	1
2	The solute carrier SLC15A4 is required for optimal trafficking of nucleic acid-sensing TLRs and ligands to endolysosomes.. *Proceedings of the National Academy of Sciences of the United States of America*, **2022**, 119, e2200544119	11.5	1
1	Endogenously produced catecholamines improve the regulatory function of TLR9-activated B cells.. *PLoS Biology*, **2022**, 20, e3001513	9.7	0