Jean K Lim

List of Publications by Year in descending order

61 papers	9,159 citations	136740 32 h-index	123241 61 g-index
64 all docs	64 docs citations	64 times ranked	19586 citing authors

#	Article	IF	Citations
1	Imbalanced Host Response to SARS-CoV-2 Drives Development of COVID-19. Cell, 2020, 181, 1036-1045.e9.	13.5	3,572
2	The Global Phosphorylation Landscape of SARS-CoV-2 Infection. Cell, 2020, 182, 685-712.e19.	13.5	825
3	CCR5 deficiency increases risk of symptomatic West Nile virus infection. Journal of Experimental Medicine, 2006, 203, 35-40.	4.2	472
4	Enhancement of Zika virus pathogenesis by preexisting antiflavivirus immunity. Science, 2017, 356, 175-180.	6.0	453
5	Chemokine receptor CCR5 promotes leukocyte trafficking to the brain and survival in West Nile virus infection. Journal of Experimental Medicine, 2005, 202, 1087-1098.	4.2	352
6	Organ-Specific Innate Immune Responses in a Mouse Model of Invasive Candidiasis. Journal of Innate Immunity, 2011, 3, 180-199.	1.8	252
7	Genetic Variation in OAS1 Is a Risk Factor for Initial Infection with West Nile Virus in Man. PLoS Pathogens, 2009, 5, e1000321.	2.1	213
8	A novel Zika virus mouse model reveals strain specific differences in virus pathogenesis and host inflammatory immune responses. PLoS Pathogens, 2017, 13, e1006258.	2.1	200
9	CX3CR1-dependent renal macrophage survival promotes Candida control and host survival. Journal of Clinical Investigation, 2013, 123, 5035-5051.	3.9	190
10	CARD9-Dependent Neutrophil Recruitment Protects against Fungal Invasion of the Central Nervous System. PLoS Pathogens, 2015, 11, e1005293.	2.1	184
11	Leveraging the antiviral type I interferon system as a first line of defense against SARS-CoV-2 pathogenicity. Immunity, 2021, 54, 557-570.e5.	6.6	153
12	CCR5 Deficiency Is a Risk Factor for Early Clinical Manifestations of West Nile Virus Infection but not for Viral Transmission. Journal of Infectious Diseases, 2010, 201, 178-185.	1.9	145
13	Chemokine Receptor Ccr2 Is Critical for Monocyte Accumulation and Survival in West Nile Virus Encephalitis. Journal of Immunology, 2011, 186, 471-478.	0.4	139
14	Alveolar macrophages are critical for broadly-reactive antibody-mediated protection against influenza A virus in mice. Nature Communications, 2017, 8, 846.	5.8	134
15	SARS-CoV-2 infection induces beta cell transdifferentiation. Cell Metabolism, 2021, 33, 1577-1591.e7.	7.2	123
16	In Vivo Phase Variation of Escherichia coli Type 1 Fimbrial Genes in Women with Urinary Tract Infection. Infection and Immunity, 1998, 66, 3303-3310.	1.0	111
17	Human antibodies targeting Zika virus NS1 provide protection against disease in a mouse model. Nature Communications, 2018, 9, 4560.	5.8	88
18	Dengue Virus Immunity Increases Zika Virus-Induced Damage during Pregnancy. Immunity, 2019, 50, 751-762.e5.	6.6	85

#	Article	IF	Citations
19	Aberrant type 1 immunity drives susceptibility to mucosal fungal infections. Science, 2021, 371, .	6.0	84
20	Differential Roles of Chemokines CCL2 and CCL7 in Monocytosis and Leukocyte Migration during West Nile Virus Infection. Journal of Immunology, 2015, 195, 4306-4318.	0.4	78
21	Long-term survival of influenza virus infected club cells drives immunopathology. Journal of Experimental Medicine, 2014, 211, 1707-1714.	4.2	74
22	CXCR1-mediated neutrophil degranulation and fungal killing promote Candida clearance and host survival. Science Translational Medicine, 2016, 8, 322ra10.	5.8	71
23	Anti-Î±4Î²7 therapy targets lymphoid aggregates in the gastrointestinal tract of HIV-1â€“infected individuals. Science Translational Medicine, 2018, 10, .	5.8	65
24	Quantifying Absolute Neutralization Titers against SARS-CoV-2 by a Standardized Virus Neutralization Assay Allows for Cross-Cohort Comparisons of COVID-19 Sera. MBio, 2021, 12, .	1.8	64
25	Chemokine control of West Nile virus infection. Experimental Cell Research, 2011, 317, 569-574.	1.2	62
26	Lymphocyte-driven regional immunopathology in pneumonitis caused by impaired central immune tolerance. Science Translational Medicine, 2019, 11, .	5.8	52
27	Genetic Deletion of Chemokine Receptor Ccr6 Decreases Atherogenesis inApoE-Deficient Mice. Circulation Research, 2011, 109, 374-381.	2.0	48
28	Contribution of the Purinergic Receptor P2X7 to Development of Lung Immunopathology during Influenza Virus Infection. MBio, 2017, 8, .	1.8	48
29	Club cells surviving influenza A virus infection induce temporary nonspecific antiviral immunity. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 3861-3866.	3.3	44
30	The role of chemokines in the pathogenesis of neurotropic flaviviruses. Immunologic Research, 2012, 54, 121-132.	1.3	42
31	An Immuno-Cardiac Model for Macrophage-Mediated Inflammation in COVID-19 Hearts. Circulation Research, 2021, 129, 33-46.	2.0	40
32	N-terminal proteolytic processing by cathepsin G converts RANTES/CCL5 and related analogs into a truncated 4-68 variant. Journal of Leukocyte Biology, 2006, 80, 1395-1404.	1.5	38
33	Cardiomyocytes recruit monocytes upon SARS-CoV-2 infection by secretingÂCCL2. Stem Cell Reports, 2021, 16, 2274-2288.	2.3	37
34	microRNA Function Is Limited to Cytokine Control in the Acute Response to Virus Infection. Cell Host and Microbe, 2015, 18, 714-722.	5.1	33
35	Atovaquone Inhibits Arbovirus Replication through the Depletion of Intracellular Nucleotides. Journal of Virology, 2019, 93, .	1.5	33
36	Passenger Mutations Confound Phenotypes of SARM1-Deficient Mice. Cell Reports, 2020, 31, 107498.	2.9	32

#	Article	IF	Citations
37	CX ₃ CR1 Is Dispensable for Control of Mucosal Candida albicans Infections in Mice and Humans. Infection and Immunity, 2015, 83, 958-965.	1.0	31
38	Dual Function of Ccr5 during Langat Virus Encephalitis: Reduction in Neutrophil-Mediated Central Nervous System Inflammation and Increase in T Cellâ€“Mediated Viral Clearance. Journal of Immunology, 2016, 196, 4622-4631.	0.4	31
39	P2X Antagonists Inhibit HIV-1 Productive Infection and Inflammatory Cytokines Interleukin-10 (IL-10) and IL-1Î² in a Human Tonsil Explant Model. Journal of Virology, 2019, 93, .	1.5	31
40	Multiple pathways of amino terminal processing produce two truncated variants of RANTES/CCL5. Journal of Leukocyte Biology, 2005, 78, 442-452.	1.5	30
41	CCL7 Is a Negative Regulator of Cutaneous Inflammation Following Leishmania major Infection. Frontiers in Immunology, 2019, 9, 3063.	2.2	29
42	GPER1 is required to protect fetal health from maternal inflammation. Science, 2021, 371, 271-276.	6.0	29
43	Chemokine receptors as important regulators of pathogenesis during arboviral encephalitis. Frontiers in Cellular Neuroscience, 2014, 8, 264.	1.8	28
44	Î³Î´ T Cells Play a Protective Role in Chikungunya Virus-Induced Disease. Journal of Virology, 2016, 90, 433-443.	1.5	28
45	Disruption of the Opal Stop Codon Attenuates Chikungunya Virus-Induced Arthritis and Pathology. MBio, 2017, 8, .	1.8	28
46	The homozygous CX3CR1-M280 mutation impairs human monocyte survival. JCI Insight, 2018, 3, .	2.3	25
47	Dengue and Zika virus infections are enhanced by live attenuated dengue vaccine but not by recombinant DSV4 vaccine candidate in mouse models. EBioMedicine, 2020, 60, 102991.	2.7	21
48	Zika virus tropism during early infectionÂof theÂtesticular interstitium and its role in viral pathogenesis in the testes. PLoS Pathogens, 2020, 16, e1008601.	2.1	21
49	Aspergillosis, eosinophilic esophagitis, and allergic rhinitis in signal transducer and activator of transcription 3 haploinsufficiency. Journal of Allergy and Clinical Immunology, 2018, 142, 993-997.e3.	1.5	19
50	Tick-Borne Encephalitis Virus Vaccine-Induced Human Antibodies Mediate Negligible Enhancement of Zika Virus Infection In Vitro and in a Mouse Model. MSphere, 2018, 3, .	1.3	17
51	Batf3-dependent CD103⁺dendritic cell accumulation is dispensable for mucosal and systemic antifungal host defense. Virulence, 2016, 7, 826-835.	1.8	16
52	Chemokine Receptor Ccr7 Restricts Fatal West Nile Virus Encephalitis. Journal of Virology, 2017, 91, .	1.5	14
53	Tissue expression of steroid hormone receptors is associated with differential immune responsiveness. Brain, Behavior, and Immunity, 2011, 25, 1000-1007.	2.0	12
54	Human Monoclonal Antibodies Potently Neutralize Zika Virus and Select for Escape Mutations on the Lateral Ridge of the Envelope Protein. Journal of Virology, 2019, 93, .	1.5	12

#	Article	IF	Citations
55	Zika virus envelope nanoparticle antibodies protect mice without risk of disease enhancement. EBioMedicine, 2020, 54, 102738.	2.7	11
56	Characterization of LMP polymorphism in homozygous typing cells and a random population. Human Immunology, 1999, 60, 145-151.	1.2	10
57	Sex differences in cytokine production following West Nile virus infection: Implications for symptom manifestation. Pathogens and Disease, 2019, 77, .	0.8	10
58	Production of the HIV-Suppressive Chemokines CCL3/MIP-1Î± and CCL22/MDC Is Associated with More Effective Antiretroviral Therapy in HIV-Infected Children. Pediatric Infectious Disease Journal, 2007, 26, 935-944.	1.1	8
59	Response to Comments on â€œAberrant type 1 immunity drives susceptibility to mucosal fungal infectionsâ€• Science, 2021, 373, eabi8835.	6.0	5
60	Evaluating the Safety of West Nile Virus Immunity During Congenital Zika Virus Infection in Mice. Frontiers in Immunology, 2021, 12, 686411.	2.2	3
61	Dengue and Zika: The Complexities of Being Related. Trends in Immunology, 2019, 40, 467-469.	2.9	1