

Jean K Lim

List of Publications by Year in descending order

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Version: 2024-02-01

61
papers

9,159
citations

136950

32
h-index

123424

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. <i>Cell</i> , 2020, 181, 1036-1045.e9.	28.9	3,572
2	The Global Phosphorylation Landscape of SARS-CoV-2 Infection. <i>Cell</i> , 2020, 182, 685-712.e19.	28.9	825
3	CCR5 deficiency increases risk of symptomatic West Nile virus infection. <i>Journal of Experimental Medicine</i> , 2006, 203, 35-40.	8.5	472
4	Enhancement of Zika virus pathogenesis by preexisting ant flavivirus immunity. <i>Science</i> , 2017, 356, 175-180.	12.6	453
5	Chemokine receptor CCR5 promotes leukocyte trafficking to the brain and survival in West Nile virus infection. <i>Journal of Experimental Medicine</i> , 2005, 202, 1087-1098.	8.5	352
6	Organ-Specific Innate Immune Responses in a Mouse Model of Invasive Candidiasis. <i>Journal of Innate Immunity</i> , 2011, 3, 180-199.	3.8	252
7	Genetic Variation in OAS1 Is a Risk Factor for Initial Infection with West Nile Virus in Man. <i>PLoS Pathogens</i> , 2009, 5, e1000321.	4.7	213
8	A novel Zika virus mouse model reveals strain specific differences in virus pathogenesis and host inflammatory immune responses. <i>PLoS Pathogens</i> , 2017, 13, e1006258.	4.7	200
9	CX3CR1-dependent renal macrophage survival promotes <i>Candida</i> control and host survival. <i>Journal of Clinical Investigation</i> , 2013, 123, 5035-5051.	8.2	190
10	CARD9-Dependent Neutrophil Recruitment Protects against Fungal Invasion of the Central Nervous System. <i>PLoS Pathogens</i> , 2015, 11, e1005293.	4.7	184
11	Leveraging the antiviral type I interferon system as a first line of defense against SARS-CoV-2 pathogenicity. <i>Immunity</i> , 2021, 54, 557-570.e5.	14.3	153
12	CCR5 Deficiency Is a Risk Factor for Early Clinical Manifestations of West Nile Virus Infection but not for Viral Transmission. <i>Journal of Infectious Diseases</i> , 2010, 201, 178-185.	4.0	145
13	Chemokine Receptor Ccr2 Is Critical for Monocyte Accumulation and Survival in West Nile Virus Encephalitis. <i>Journal of Immunology</i> , 2011, 186, 471-478.	0.8	139
14	Alveolar macrophages are critical for broadly-reactive antibody-mediated protection against influenza A virus in mice. <i>Nature Communications</i> , 2017, 8, 846.	12.8	134
15	SARS-CoV-2 infection induces beta cell transdifferentiation. <i>Cell Metabolism</i> , 2021, 33, 1577-1591.e7.	16.2	123
16	In Vivo Phase Variation of <i>Escherichia coli</i> Type 1 Fimbrial Genes in Women with Urinary Tract Infection. <i>Infection and Immunity</i> , 1998, 66, 3303-3310.	2.2	111
17	Human antibodies targeting Zika virus NS1 provide protection against disease in a mouse model. <i>Nature Communications</i> , 2018, 9, 4560.	12.8	88
18	Dengue Virus Immunity Increases Zika Virus-Induced Damage during Pregnancy. <i>Immunity</i> , 2019, 50, 751-762.e5.	14.3	85

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19	Aberrant type 1 immunity drives susceptibility to mucosal fungal infections. <i>Science</i> , 2021, 371, .	12.6	84
20	Differential Roles of Chemokines CCL2 and CCL7 in Monocytosis and Leukocyte Migration during West Nile Virus Infection. <i>Journal of Immunology</i> , 2015, 195, 4306-4318.	0.8	78
21	Long-term survival of influenza virus infected club cells drives immunopathology. <i>Journal of Experimental Medicine</i> , 2014, 211, 1707-1714.	8.5	74
22	CXCR1-mediated neutrophil degranulation and fungal killing promote <i>Candida</i> clearance and host survival. <i>Science Translational Medicine</i> , 2016, 8, 322ra10.	12.4	71
23	Anti- α 4 β 7 therapy targets lymphoid aggregates in the gastrointestinal tract of HIV-1 infected individuals. <i>Science Translational Medicine</i> , 2018, 10, .	12.4	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. <i>MBio</i> , 2021, 12, .	4.1	64
25	Chemokine control of West Nile virus infection. <i>Experimental Cell Research</i> , 2011, 317, 569-574.	2.6	62
26	Lymphocyte-driven regional immunopathology in pneumonitis caused by impaired central immune tolerance. <i>Science Translational Medicine</i> , 2019, 11, .	12.4	52
27	Genetic Deletion of Chemokine Receptor Ccr6 Decreases Atherogenesis in <i>ApoE</i> -Deficient Mice. <i>Circulation Research</i> , 2011, 109, 374-381.	4.5	48
28	Contribution of the Purinergic Receptor P2X7 to Development of Lung Immunopathology during Influenza Virus Infection. <i>MBio</i> , 2017, 8, .	4.1	48
29	Club cells surviving influenza A virus infection induce temporary nonspecific antiviral immunity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 3861-3866.	7.1	44
30	The role of chemokines in the pathogenesis of neurotropic flaviviruses. <i>Immunologic Research</i> , 2012, 54, 121-132.	2.9	42
31	An Immuno-Cardiac Model for Macrophage-Mediated Inflammation in COVID-19 Hearts. <i>Circulation Research</i> , 2021, 129, 33-46.	4.5	40
32	N-terminal proteolytic processing by cathepsin G converts RANTES/CCL5 and related analogs into a truncated 4-68 variant. <i>Journal of Leukocyte Biology</i> , 2006, 80, 1395-1404.	3.3	38
33	Cardiomyocytes recruit monocytes upon SARS-CoV-2 infection by secreting α CCL2. <i>Stem Cell Reports</i> , 2021, 16, 2274-2288.	4.8	37
34	microRNA Function Is Limited to Cytokine Control in the Acute Response to Virus Infection. <i>Cell Host and Microbe</i> , 2015, 18, 714-722.	11.0	33
35	Atovaquone Inhibits Arbovirus Replication through the Depletion of Intracellular Nucleotides. <i>Journal of Virology</i> , 2019, 93, .	3.4	33
36	Passenger Mutations Confound Phenotypes of SARM1-Deficient Mice. <i>Cell Reports</i> , 2020, 31, 107498.	6.4	32

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37	CX ₃ CR1 Is Dispensable for Control of Mucosal <i>Candida albicans</i> Infections in Mice and Humans. <i>Infection and Immunity</i> , 2015, 83, 958-965.	2.2	31
38	Dual Function of Ccr5 during Langkat Virus Encephalitis: Reduction in Neutrophil-Mediated Central Nervous System Inflammation and Increase in T Cell-Mediated Viral Clearance. <i>Journal of Immunology</i> , 2016, 196, 4622-4631.	0.8	31
39	P2X Antagonists Inhibit HIV-1 Productive Infection and Inflammatory Cytokines Interleukin-10 (IL-10) and IL-1 β in a Human Tonsil Explant Model. <i>Journal of Virology</i> , 2019, 93, .	3.4	31
40	Multiple pathways of amino terminal processing produce two truncated variants of RANTES/CCL5. <i>Journal of Leukocyte Biology</i> , 2005, 78, 442-452.	3.3	30
41	CCL7 Is a Negative Regulator of Cutaneous Inflammation Following <i>Leishmania major</i> Infection. <i>Frontiers in Immunology</i> , 2019, 9, 3063.	4.8	29
42	GPER1 is required to protect fetal health from maternal inflammation. <i>Science</i> , 2021, 371, 271-276.	12.6	29
43	Chemokine receptors as important regulators of pathogenesis during arboviral encephalitis. <i>Frontiers in Cellular Neuroscience</i> , 2014, 8, 264.	3.7	28
44	γ T Cells Play a Protective Role in Chikungunya Virus-Induced Disease. <i>Journal of Virology</i> , 2016, 90, 433-443.	3.4	28
45	Disruption of the Opal Stop Codon Attenuates Chikungunya Virus-Induced Arthritis and Pathology. <i>MBio</i> , 2017, 8, .	4.1	28
46	The homozygous CX3CR1-M280 mutation impairs human monocyte survival. <i>JCI Insight</i> , 2018, 3, .	5.0	25
47	Dengue and Zika virus infections are enhanced by live attenuated dengue vaccine but not by recombinant DSV4 vaccine candidate in mouse models. <i>EBioMedicine</i> , 2020, 60, 102991.	6.1	21
48	Zika virus tropism during early infection of the testicular interstitium and its role in viral pathogenesis in the testes. <i>PLoS Pathogens</i> , 2020, 16, e1008601.	4.7	21
49	Aspergillosis, eosinophilic esophagitis, and allergic rhinitis in signal transducer and activator of transcription 3 haploinsufficiency. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 142, 993-997.e3.	2.9	19
50	Tick-Borne Encephalitis Virus Vaccine-Induced Human Antibodies Mediate Negligible Enhancement of Zika Virus Infection In Vitro and in a Mouse Model. <i>MSphere</i> , 2018, 3, .	2.9	17
51	Batf3-dependent CD103 ⁺ dendritic cell accumulation is dispensable for mucosal and systemic antifungal host defense. <i>Virulence</i> , 2016, 7, 826-835.	4.4	16
52	Chemokine Receptor Ccr7 Restricts Fatal West Nile Virus Encephalitis. <i>Journal of Virology</i> , 2017, 91, .	3.4	14
53	Tissue expression of steroid hormone receptors is associated with differential immune responsiveness. <i>Brain, Behavior, and Immunity</i> , 2011, 25, 1000-1007.	4.1	12
54	Human Monoclonal Antibodies Potently Neutralize Zika Virus and Select for Escape Mutations on the Lateral Ridge of the Envelope Protein. <i>Journal of Virology</i> , 2019, 93, .	3.4	12

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55	Zika virus envelope nanoparticle antibodies protect mice without risk of disease enhancement. EBioMedicine, 2020, 54, 102738.	6.1	11
56	Characterization of LMP polymorphism in homozygous typing cells and a random population. Human Immunology, 1999, 60, 145-151.	2.4	10
57	Sex differences in cytokine production following West Nile virus infection: Implications for symptom manifestation. Pathogens and Disease, 2019, 77, .	2.0	10
58	Production of the HIV-Suppressive Chemokines CCL3/MIP-1 β and CCL22/MDC 1s Associated with More Effective Antiretroviral Therapy in HIV-Infected Children. Pediatric Infectious Disease Journal, 2007, 26, 935-944.	2.0	8
59	Response to Comments on "Aberrant type 1 immunity drives susceptibility to mucosal fungal infections". Science, 2021, 373, eabi8835.	12.6	5
60	Evaluating the Safety of West Nile Virus Immunity During Congenital Zika Virus Infection in Mice. Frontiers in Immunology, 2021, 12, 686411.	4.8	3
61	Dengue and Zika: The Complexities of Being Related. Trends in Immunology, 2019, 40, 467-469.	6.8	1