

Yueh-Ming Loo

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

24
papers

3,735
citations

17
h-index

26
g-index

26
ext. papers

4,770
ext. citations

19
avg, IF

5.65
L-index

#	Paper	IF	Citations
24	Immune signaling by RIG-I-like receptors. <i>Immunity</i> , 2011 , 34, 680-92	32.3	1223
23	Distinct RIG-I and MDA5 signaling by RNA viruses in innate immunity. <i>Journal of Virology</i> , 2008 , 82, 335-46	45.6	806
22	Potently neutralizing and protective human antibodies against SARS-CoV-2. <i>Nature</i> , 2020 , 584, 443-449	50.4	609
21	RIG-I and Other RNA Sensors in Antiviral Immunity. <i>Annual Review of Immunology</i> , 2018 , 36, 667-694	34.7	224
20	The mitochondrial targeting chaperone 14-3-3 σ regulates a RIG-I translocon that mediates membrane association and innate antiviral immunity. <i>Cell Host and Microbe</i> , 2012 , 11, 528-37	23.4	144
19	The Nucleotide Sensor ZBP1 and Kinase RIPK3 Induce the Enzyme IRG1 to Promote an Antiviral Metabolic State in Neurons. <i>Immunity</i> , 2019 , 50, 64-76.e4	32.3	114
18	RIPK3 Restricts Viral Pathogenesis via Cell Death-Independent Neuroinflammation. <i>Cell</i> , 2017 , 169, 301-312.e11	36.2	104
17	RNase L activates the NLRP3 inflammasome during viral infections. <i>Cell Host and Microbe</i> , 2015 , 17, 466-73	37.4	92
16	Uridine composition of the poly-U/UC tract of HCV RNA defines non-self recognition by RIG-I. <i>PLoS Pathogens</i> , 2012 , 8, e1002839	7.6	76
15	Genetic and structural basis for SARS-CoV-2 variant neutralization by a two-antibody cocktail. <i>Nature Microbiology</i> , 2021 , 6, 1233-1244	26.6	72
14	Interferon lambda 4 expression is suppressed by the host during viral infection. <i>Journal of Experimental Medicine</i> , 2016 , 213, 2539-2552	16.6	43
13	Targeting Innate Immunity for Antiviral Therapy through Small Molecule Agonists of the RLR Pathway. <i>Journal of Virology</i> , 2015 , 90, 2372-87	6.6	42
12	Isoflavone agonists of IRF-3 dependent signaling have antiviral activity against RNA viruses. <i>Journal of Virology</i> , 2012 , 86, 7334-44	6.6	41
11	Genetic and structural basis for recognition of SARS-CoV-2 spike protein by a two-antibody cocktail 2021 ,		28
10	A small-molecule IRF3 agonist functions as an influenza vaccine adjuvant by modulating the antiviral immune response. <i>Vaccine</i> , 2017 , 35, 1964-1971	4.1	22
9	DHX15 Is a Coreceptor for RLR Signaling That Promotes Antiviral Defense Against RNA Virus Infection. <i>Journal of Interferon and Cytokine Research</i> , 2019 , 39, 331-346	3.5	21
8	Membrane Perturbation-Associated Ca ²⁺ Signaling and Incoming Genome Sensing Are Required for the Host Response to Low-Level Enveloped Virus Particle Entry. <i>Journal of Virology</i> , 2015 , 90, 3018-27	6.6	21

7	The SARS-CoV-2 monoclonal antibody combination, AZD7442, is protective in non-human primates and has an extended half-life in humans.. <i>Science Translational Medicine</i> , 2022 , 14, eabl8124	17.5	16
6	Differential and Overlapping Immune Programs Regulated by IRF3 and IRF5 in Plasmacytoid Dendritic Cells. <i>Journal of Immunology</i> , 2018 , 201, 3036-3050	5.3	11
5	Class A Scavenger Receptor-Mediated Double-Stranded RNA Internalization Is Independent of Innate Antiviral Signaling and Does Not Require Phosphatidylinositol 3-Kinase Activity. <i>Journal of Immunology</i> , 2015 , 195, 3858-65	5.3	10
4	IRF5 regulates unique subset of genes in dendritic cells during West Nile virus infection. <i>Journal of Leukocyte Biology</i> , 2019 , 105, 411-425	6.5	5
3	Resilience of S309 and AZD7442 monoclonal antibody treatments against infection by SARS-CoV-2 Omicron lineage strains		3
2	Unveiling viral enablers. <i>Nature Biotechnology</i> , 2008 , 26, 1093-4	44.5	2
1	AZD7442 demonstrates prophylactic and therapeutic efficacy in non-human primates and extended half-life in humans		2