

Yuying Liang

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.

21
papers

649
citations

14
h-index

24
g-index

24
ext. papers

915
ext. citations

8.1
avg, IF

4.13
L-index

#	Paper	IF	Citations
21	Cap binding and immune evasion revealed by Lassa nucleoprotein structure. <i>Nature</i> , 2010 , 468, 779-83	50.4	192
20	The Z proteins of pathogenic but not nonpathogenic arenaviruses inhibit RIG-I-like receptor-dependent interferon production. <i>Journal of Virology</i> , 2015 , 89, 2944-55	6.6	73
19	Emerging Concepts and Technologies in Vaccine Development. <i>Frontiers in Immunology</i> , 2020 , 11, 583078	7.4	63
18	Structures of arenaviral nucleoproteins with triphosphate dsRNA reveal a unique mechanism of immune suppression. <i>Journal of Biological Chemistry</i> , 2013 , 288, 16949-16959	5.4	60
17	Comparative analysis of disease pathogenesis and molecular mechanisms of New World and Old World arenavirus infections. <i>Journal of General Virology</i> , 2014 , 95, 1-15	4.9	48
16	Human hemorrhagic Fever causing arenaviruses: molecular mechanisms contributing to virus virulence and disease pathogenesis. <i>Pathogens</i> , 2015 , 4, 283-306	4.5	35
15	In vitro and in vivo characterizations of pichinde viral nucleoprotein exoribonuclease functions. <i>Journal of Virology</i> , 2015 , 89, 6595-607	6.6	30
14	Differential Inhibition of Macrophage Activation by Lymphocytic Choriomeningitis Virus and Pichinde Virus Is Mediated by the Z Protein N-Terminal Domain. <i>Journal of Virology</i> , 2015 , 89, 12513-7	6.6	20
13	Development and Applications of Viral Vected Vaccines to Combat Zoonotic and Emerging Public Health Threats. <i>Vaccines</i> , 2020 , 8,	5.3	20
12	Targeting virulence mechanisms for the prevention and therapy of arenaviral hemorrhagic fever. <i>Antiviral Research</i> , 2013 , 97, 81-92	10.8	19
11	Generation of a Live Attenuated Influenza Vaccine that Elicits Broad Protection in Mice and Ferrets. <i>Cell Host and Microbe</i> , 2017 , 21, 334-343	23.4	17
10	A Novel Live Pichinde Virus-Based Vaccine Vector Induces Enhanced Humoral and Cellular Immunity after a Booster Dose. <i>Journal of Virology</i> , 2015 , 90, 2551-60	6.6	17
9	Biological roles and functional mechanisms of arenavirus Z protein in viral replication. <i>Journal of Virology</i> , 2012 , 86, 9794-801	6.6	17
8	Seroprevalence of SARS-CoV-2 (COVID-19) exposure in pet cats and dogs in Minnesota, USA. <i>Virulence</i> , 2021 , 12, 1597-1609	4.7	17
7	Pichinde Virus Infection of Outbred Hartley Guinea Pigs as a Surrogate Animal Model for Human Lassa Fever: Histopathological and Immunohistochemical Analyses. <i>Pathogens</i> , 2020 , 9,	4.5	5
6	Recombinant Tri-Segmented Pichinde Virus as a Novel Live Viral Vaccine Platform. <i>Methods in Molecular Biology</i> , 2017 , 1581, 169-179	1.4	4
5	Virulent infection of outbred Hartley guinea pigs with recombinant Pichinde virus as a surrogate small animal model for human Lassa fever. <i>Virulence</i> , 2020 , 11, 1131-1141	4.7	3

4	Regulation of Eosinophil Recruitment and Allergic Airway Inflammation by Tropomyosin Receptor Kinase A. <i>Journal of Immunology</i> , 2020 , 204, 682-693	5.3	2
3	Effect of Strain Variations on Lassa Virus Z Protein-Mediated Human RIG-I Inhibition. <i>Viruses</i> , 2020 , 12,	6.2	2
2	Recombinant SARS-CoV-2 Nucleocapsid Protein: Expression, Purification, and Its Biochemical Characterization and Utility in Serological Assay Development to Assess Immunological Responses to SARS-CoV-2 Infection. <i>Pathogens</i> , 2021 , 10,	4.5	1
1	RIG-I and MDA5 Protect Mice From Pichinde Virus Infection by Controlling Viral Replication and Regulating Immune Responses to the Infection.. <i>Frontiers in Immunology</i> , 2021 , 12, 801811	8.4	1