

Jinxia Zhang

List of Publications by Year in Descending Order

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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.

45
papers

3,279
citations

28
h-index

49
g-index

49
ext. papers

4,709
ext. citations

14.8
avg, IF

5.37
L-index

#	Paper	IF	Citations
45	Attenuated replication and pathogenicity of SARS-CoV-2 B.1.1.529 Omicron.. <i>Nature</i> , 2022 ,	50.4	70
44	Age-associated SARS-CoV-2 breakthrough infection and changes in immune response in mouse model.. <i>Emerging Microbes and Infections</i> , 2022 , 1-36	18.9	1
43	hnRNP C modulates MERS-CoV and SARS-CoV-2 replication by governing the expression of a subset of circRNAs and cognitive mRNAs.. <i>Emerging Microbes and Infections</i> , 2022 , 1-39	18.9	1
42	Interferon-gamma inhibits influenza A virus cellular attachment by reducing sialic acid cluster size.. <i>IScience</i> , 2022 , 25, 104037	6.1	2
41	Nasal prevention of SARS-CoV-2 infection by intranasal influenza-based boost vaccination in mouse models.. <i>EBioMedicine</i> , 2021 , 75, 103762	8.8	6
40	Emerging SARS-CoV-2 variants expand species tropism to murines. <i>EBioMedicine</i> , 2021 , 73, 103643	8.8	34
39	Coinfection by Severe Acute Respiratory Syndrome Coronavirus 2 and Influenza A(H1N1)pdm09 Virus Enhances the Severity of Pneumonia in Golden Syrian Hamsters. <i>Clinical Infectious Diseases</i> , 2021 , 72, e978-e992	11.6	47
38	Severe Acute Respiratory Syndrome Coronavirus 2 Infects and Damages the Mature and Immature Olfactory Sensory Neurons of Hamsters. <i>Clinical Infectious Diseases</i> , 2021 , 73, e503-e512	11.6	59
37	Clofazimine broadly inhibits coronaviruses including SARS-CoV-2. <i>Nature</i> , 2021 , 593, 418-423	50.4	61
36	Cross-linking peptide and repurposed drugs inhibit both entry pathways of SARS-CoV-2. <i>Nature Communications</i> , 2021 , 12, 1517	17.4	24
35	Robust SARS-CoV-2 infection in nasal turbinates after treatment with systemic neutralizing antibodies. <i>Cell Host and Microbe</i> , 2021 , 29, 551-563.e5	23.4	42
34	Discovery of a Novel Specific Inhibitor Targeting Influenza A Virus Nucleoprotein with Pleiotropic Inhibitory Effects on Various Steps of the Viral Life Cycle. <i>Journal of Virology</i> , 2021 , 95,	6.6	3
33	Characterization of an attenuated SARS-CoV-2 variant with a deletion at the S1/S2 junction of the spike protein. <i>Nature Communications</i> , 2021 , 12, 2790	17.4	10
32	SARS-CoV-2 Induces a More Robust Innate Immune Response and Replicates Less Efficiently Than SARS-CoV in the Human Intestines: An ExVivo Study With Implications on Pathogenesis of COVID-19. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2021 , 11, 771-781	7.9	26
31	STAT2-dependent restriction of Zika virus by human macrophages but not dendritic cells. <i>Emerging Microbes and Infections</i> , 2021 , 10, 1024-1037	18.9	0
30	Beneficial effect of combinational methylprednisolone and remdesivir in hamster model of SARS-CoV-2 infection. <i>Emerging Microbes and Infections</i> , 2021 , 10, 291-304	18.9	29
29	Intradermal vaccination of live attenuated influenza vaccine protects mice against homologous and heterologous influenza challenges. <i>Npj Vaccines</i> , 2021 , 6, 95	9.5	1

28	Intravenous injection of COVID-19 mRNA vaccine can induce acute myopericarditis in mouse model. <i>Clinical Infectious Diseases</i> , 2021 ,	11.6	17
27	Low dose inocula of SARS-CoV-2 Alpha variant transmits more efficiently than earlier variants in hamsters. <i>Communications Biology</i> , 2021 , 4, 1102	6.7	8
26	Low Environmental Temperature Exacerbates Severe Acute Respiratory Syndrome Coronavirus 2 Infection in Golden Syrian Hamsters. <i>Clinical Infectious Diseases</i> , 2021 ,	11.6	5
25	Host and viral determinants for efficient SARS-CoV-2 infection of the human lung. <i>Nature Communications</i> , 2021 , 12, 134	17.4	63
24	Lessons learned 1 year after SARS-CoV-2 emergence leading to COVID-19 pandemic. <i>Emerging Microbes and Infections</i> , 2021 , 10, 507-535	18.9	61
23	Repurposing of Miltefosine as an Adjuvant for Influenza Vaccine. <i>Vaccines</i> , 2020 , 8,	5.3	2
22	Infection of bat and human intestinal organoids by SARS-CoV-2. <i>Nature Medicine</i> , 2020 , 26, 1077-1083	50.5	285
21	Surgical Mask Partition Reduces the Risk of Noncontact Transmission in a Golden Syrian Hamster Model for Coronavirus Disease 2019 (COVID-19). <i>Clinical Infectious Diseases</i> , 2020 , 71, 2139-2149	11.6	310
20	Attenuated Interferon and Proinflammatory Response in SARS-CoV-2-Infected Human Dendritic Cells Is Associated With Viral Antagonism of STAT1 Phosphorylation. <i>Journal of Infectious Diseases</i> , 2020 , 222, 734-745	7	96
19	Olfactory Dysfunction in Coronavirus Disease 2019 Patients: Observational Cohort Study and Systematic Review. <i>Open Forum Infectious Diseases</i> , 2020 , 7, ofaa199	1	58
18	Simulation of the Clinical and Pathological Manifestations of Coronavirus Disease 2019 (COVID-19) in a Golden Syrian Hamster Model: Implications for Disease Pathogenesis and Transmissibility. <i>Clinical Infectious Diseases</i> , 2020 , 71, 2428-2446	11.6	537
17	Comparative Replication and Immune Activation Profiles of SARS-CoV-2 and SARS-CoV in Human Lungs: An Ex Vivo Study With Implications for the Pathogenesis of COVID-19. <i>Clinical Infectious Diseases</i> , 2020 , 71, 1400-1409	11.6	431
16	Attenuated SARS-CoV-2 variants with deletions at the S1/S2 junction. <i>Emerging Microbes and Infections</i> , 2020 , 9, 837-842	18.9	181
15	Oral SARS-CoV-2 Inoculation Establishes Subclinical Respiratory Infection with Virus Shedding in Golden Syrian Hamsters. <i>Cell Reports Medicine</i> , 2020 , 1, 100121	18	61
14	Metallo drug ranitidine bismuth citrate suppresses SARS-CoV-2 replication and relieves virus-associated pneumonia in Syrian hamsters. <i>Nature Microbiology</i> , 2020 , 5, 1439-1448	26.6	76
13	Immunization With a Novel Human Type 5 Adenovirus-Vectored Vaccine Expressing the Premembrane and Envelope Proteins of Zika Virus Provides Consistent and Sterilizing Protection in Multiple Immunocompetent and Immunocompromised Animal Models. <i>Journal of Infectious Diseases</i> , 2017 , 215, 215-227	7	28
12	Improved detection of Zika virus RNA in human and animal specimens by a novel, highly sensitive and specific real-time RT-PCR assay targeting the 5' untranslated region of Zika virus. <i>Tropical Medicine and International Health</i> , 2017 , 22, 594-603	2.3	29
11	Novel antiviral activity and mechanism of bromocriptine as a Zika virus NS2B-NS3 protease inhibitor. <i>Antiviral Research</i> , 2017 , 141, 29-37	10.8	81

10	Structure-based discovery of clinically approved drugs as Zika virus NS2B-NS3 protease inhibitors that potentially inhibit Zika virus infection in vitro and in vivo. <i>Antiviral Research</i> , 2017 , 145, 33-43	10.8	79
9	Efficacy of Clarithromycin-Naproxen-Oseltamivir Combination in the Treatment of Patients Hospitalized for Influenza A(H3N2) Infection: An Open-label Randomized, Controlled, Phase IIb/III Trial. <i>Chest</i> , 2017 , 151, 1069-1080	5.3	81
8	Unexpectedly Higher Morbidity and Mortality of Hospitalized Elderly Patients Associated with Rhinovirus Compared with Influenza Virus Respiratory Tract Infection. <i>International Journal of Molecular Sciences</i> , 2017 , 18,	6.3	21
7	Differential cell line susceptibility to the emerging Zika virus: implications for disease pathogenesis, non-vector-borne human transmission and animal reservoirs. <i>Emerging Microbes and Infections</i> , 2016 , 5, e93	18.9	117
6	Zika Virus Infection in Dexamethasone-immunosuppressed Mice Demonstrating Disseminated Infection with Multi-organ Involvement Including Orchitis Effectively Treated by Recombinant Type I Interferons. <i>EBioMedicine</i> , 2016 , 14, 112-122	8.8	68
5	Topical imiquimod before intradermal trivalent influenza vaccine for protection against heterologous non-vaccine and antigenically drifted viruses: a single-centre, double-blind, randomised, controlled phase 2b/3 trial. <i>Lancet Infectious Diseases</i> , 2016 , 16, 209-18	25.5	51
4	Hemagglutinin of influenza A virus binds specifically to cell surface nucleolin and plays a role in virus internalization. <i>Virology</i> , 2016 , 494, 78-88	3.6	29
3	Serologic survey of pandemic (H1N1) 2009 virus, Guangxi Province, China. <i>Emerging Infectious Diseases</i> , 2009 , 15, 1849-50	10.2	70
2	The SARS-CoV-2 Omicron (B.1.1.529) variant exhibits altered pathogenicity, transmissibility, and fitness in the golden Syrian hamster model		6
1	A molecularly engineered, broad-spectrum anti-coronavirus lectin inhibits SARS-CoV-2 and MERS-CoV infection in vivo		2