

# Huiping Shuai

## List of Publications by Year in descending order

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Version: 2024-02-01

28  
papers

3,349  
citations

331670

21  
h-index

501196

28  
g-index

28  
all docs

28  
docs citations

28  
times ranked

7067  
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparative tropism, replication kinetics, and cell damage profiling of SARS-CoV-2 and SARS-CoV with implications for clinical manifestations, transmissibility, and laboratory studies of COVID-19: an observational study. <i>Lancet Microbe</i> , The, 2020, 1, e14-e23.	7.3	683
2	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.	5.8	561
3	Attenuated replication and pathogenicity of SARS-CoV-2 B.1.1.529 Omicron. <i>Nature</i> , 2022, 603, 693-699.	27.8	460
4	SARS-CoV-2 infects human neural progenitor cells and brain organoids. <i>Cell Research</i> , 2020, 30, 928-931.	12.0	267
5	Characterization of the Lipidomic Profile of Human Coronavirus-Infected Cells: Implications for Lipid Metabolism Remodeling upon Coronavirus Replication. <i>Viruses</i> , 2019, 11, 73.	3.3	228
6	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.	4.0	165
7	Middle East respiratory syndrome coronavirus and bat coronavirus HKU9 both can utilize GRP78 for attachment onto host cells. <i>Journal of Biological Chemistry</i> , 2018, 293, 11709-11726.	3.4	153
8	Emerging SARS-CoV-2 variants expand species tropism to murines. <i>EBioMedicine</i> , 2021, 73, 103643.	6.1	127
9	Host and viral determinants for efficient SARS-CoV-2 infection of the human lung. <i>Nature Communications</i> , 2021, 12, 134.	12.8	112
10	Dual-functional peptide with defective interfering genes effectively protects mice against avian and seasonal influenza. <i>Nature Communications</i> , 2018, 9, 2358.	12.8	63
11	An orally available Mpro inhibitor is effective against wild-type SARS-CoV-2 and variants including Omicron. <i>Nature Microbiology</i> , 2022, 7, 716-725.	13.3	62
12	Competing endogenous RNA network profiling reveals novel host dependency factors required for MERS-CoV propagation. <i>Emerging Microbes and Infections</i> , 2020, 9, 733-746.	6.5	58
13	Targeting highly pathogenic coronavirus-induced apoptosis reduces viral pathogenesis and disease severity. <i>Science Advances</i> , 2021, 7, .	10.3	48
14	Human coronavirus dependency on host heat shock protein 90 reveals an antiviral target. <i>Emerging Microbes and Infections</i> , 2020, 9, 2663-2672.	6.5	46
15	Differential immune activation profile of SARS-CoV-2 and SARS-CoV infection in human lung and intestinal cells: Implications for treatment with IFN- $\beta$ and IFN inducer. <i>Journal of Infection</i> , 2020, 81, e1-e10.	3.3	41
16	SARS-CoV-2 Induces a More Robust Innate Immune Response and Replicates Less Efficiently Than SARS-CoV in the Human Intestines: An Ex Vivo Study With Implications on Pathogenesis of COVID-19. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2021, 11, 771-781.	4.5	41
17	Cross-Protection of Influenza A Virus Infection by a DNA Aptamer Targeting the PA Endonuclease Domain. <i>Antimicrobial Agents and Chemotherapy</i> , 2015, 59, 4082-4093.	3.2	38
18	The celecoxib derivative kinase inhibitor AR-12 (OSU-03012) inhibits Zika virus via down-regulation of the PI3K/Akt pathway and protects Zika virus-infected A129 mice: A host-targeting treatment strategy. <i>Antiviral Research</i> , 2018, 160, 38-47.	4.1	35

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19	Age-associated SARS-CoV-2 breakthrough infection and changes in immune response in a mouse model. <i>Emerging Microbes and Infections</i> , 2022, 11, 368-383.	6.5	33
20	Antibody-Dependent Cell-Mediated Cytotoxicity Epitopes on the Hemagglutinin Head Region of Pandemic H1N1 Influenza Virus Play Detrimental Roles in H1N1-Infected Mice. <i>Frontiers in Immunology</i> , 2017, 8, 317.	4.8	32
21	Bacillus Calmette-Guérin-induced trained immunity protects against SARS-CoV-2 challenge in K18-hACE2 mice. <i>JCI Insight</i> , 2022, 7, .	5.0	29
22	Low Environmental Temperature Exacerbates Severe Acute Respiratory Syndrome Coronavirus 2 Infection in Golden Syrian Hamsters. <i>Clinical Infectious Diseases</i> , 2022, 75, e1101-e1111.	5.8	17
23	Novel residues in the PA protein of avian influenza H7N7 virus affect virulence in mammalian hosts. <i>Virology</i> , 2016, 498, 1-8.	2.4	12
24	STAT2-dependent restriction of Zika virus by human macrophages but not dendritic cells. <i>Emerging Microbes and Infections</i> , 2021, 10, 1024-1037.	6.5	12
25	Targeting the Inositol-Requiring Enzyme-1 Pathway Efficiently Reverts Zika Virus-Induced Neurogenesis and Spermatogenesis Marker Perturbations. <i>ACS Infectious Diseases</i> , 2020, 6, 1745-1758.	3.8	9
26	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, 11, 519-531.	6.5	8
27	PA N substitutions A37S, A37S/I61T and A37S/V63I attenuate the replication of H7N7 influenza A virus by impairing the polymerase and endonuclease activities. <i>Journal of General Virology</i> , 2017, 98, 364-373.	2.9	5
28	Establishment of a lethal aged mouse model of human respiratory syncytial virus infection. <i>Antiviral Research</i> , 2019, 161, 125-133.	4.1	4