

Yu Chen

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.

60
papers

6,338
citations

29
h-index

68
g-index

68
ext. papers

8,258
ext. citations

11.2
avg, IF

6.98
L-index

#	Paper	IF	Citations
60	Drastic decline in sera neutralization against SARS-CoV-2 Omicron variant in Wuhan COVID-19 convalescents.. <i>Emerging Microbes and Infections</i> , 2022 , 1-17	18.9	7
59	N7-Methylation of the Coronavirus RNA Cap Is Required for Maximal Virulence by Preventing Innate Immune Recognition.. <i>MBio</i> , 2022 , e0366221	7.8	8
58	B-Cell-Epitope-Based Fluorescent Quantum Dot Biosensors for SARS-CoV-2 Enable Highly Sensitive COVID-19 Antibody Detection. <i>Viruses</i> , 2022 , 14, 1031	6.2	0
57	Emerging SARS-CoV-2 variants: why, how, and what's next? 2022 , 100029		3
56	Antibody neutralization to SARS-CoV-2 and variants after one year in Wuhan, China. <i>Innovation(China)</i> , 2021 , 100181	17.8	5
55	Clinical and immunological characteristics in COVID-19 convalescent patients. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2021 , 40, 2669-2676	5.3	
54	ACE2 receptor usage reveals variation in susceptibility to SARS-CoV and SARS-CoV-2 infection among bat species. <i>Nature Ecology and Evolution</i> , 2021 , 5, 600-608	12.3	30
53	The Functional and Antiviral Activity of Interferon Alpha-Inducible IFI6 Against Hepatitis B Virus Replication and Gene Expression. <i>Frontiers in Immunology</i> , 2021 , 12, 634937	8.4	7
52	Reviving chloroquine for anti-SARS-CoV-2 treatment with cucurbit[7]uril-based supramolecular formulation. <i>Chinese Chemical Letters</i> , 2021 , 32, 3019-3022	8.1	2
51	The SARS-CoV-2 subgenome landscape and its novel regulatory features. <i>Molecular Cell</i> , 2021 , 81, 2135-2147.e55	11.7	5
50	Inhibition of Hepatitis B Virus by AAV8-Derived CRISPR/SaCas9 Expressed From Liver-Specific Promoters. <i>Frontiers in Microbiology</i> , 2021 , 12, 665184	5.7	8
49	Assessment of the Diagnostic Ability of Four Detection Methods Using Three Sample Types of COVID-19 Patients. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021 , 11, 685640	5.9	0
48	Multi-route transmission potential of SARS-CoV-2 in healthcare facilities. <i>Journal of Hazardous Materials</i> , 2021 , 402, 123771	12.8	44
47	Cryo-EM Structure of an Extended SARS-CoV-2 Replication and Transcription Complex Reveals an Intermediate State in Cap Synthesis. <i>Cell</i> , 2021 , 184, 184-193.e10	56.2	82
46	Clinical characterization and risk factors associated with cytokine release syndrome induced by COVID-19 and chimeric antigen receptor T-cell therapy. <i>Bone Marrow Transplantation</i> , 2021 , 56, 570-580 ^{4.4}	4.4	8
45	An unconventional role of an ASB family protein in NF- κ B activation and inflammatory response during microbial infection and colitis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	8
44	Live attenuated coronavirus vaccines deficient in N7-Methyltransferase activity induce both humoral and cellular immune responses in mice. <i>Emerging Microbes and Infections</i> , 2021 , 10, 1626-1637	18.9	8

43	Distinct mechanisms for TMPRSS2 expression explain organ-specific inhibition of SARS-CoV-2 infection by enzalutamide. <i>Nature Communications</i> , 2021 , 12, 866	17.4	40
42	Coinfection with influenza A virus enhances SARS-CoV-2 infectivity. <i>Cell Research</i> , 2021 , 31, 395-403	24.7	63
41	Aerodynamic analysis of SARS-CoV-2 in two Wuhan hospitals. <i>Nature</i> , 2020 , 582, 557-560	50.4	1007
40	Transcriptomic characteristics of bronchoalveolar lavage fluid and peripheral blood mononuclear cells in COVID-19 patients. <i>Emerging Microbes and Infections</i> , 2020 , 9, 761-770	18.9	671
39	Emerging coronaviruses: Genome structure, replication, and pathogenesis. <i>Journal of Medical Virology</i> , 2020 , 92, 418-423	19.7	1652
38	RNA based mNGS approach identifies a novel human coronavirus from two individual pneumonia cases in 2019 Wuhan outbreak. <i>Emerging Microbes and Infections</i> , 2020 , 9, 313-319	18.9	337
37	ddPCR: a more accurate tool for SARS-CoV-2 detection in low viral load specimens. <i>Emerging Microbes and Infections</i> , 2020 , 9, 1259-1268	18.9	206
36	Analytical comparisons of SARS-COV-2 detection by qRT-PCR and ddPCR with multiple primer/probe sets. <i>Emerging Microbes and Infections</i> , 2020 , 9, 1175-1179	18.9	61
35	Novel and potent inhibitors targeting DHODH are broad-spectrum antivirals against RNA viruses including newly-emerged coronavirus SARS-CoV-2. <i>Protein and Cell</i> , 2020 , 11, 723-739	7.2	66
34	P200 family protein IFI204 negatively regulates type I interferon responses by targeting IRF7 in nucleus. <i>PLoS Pathogens</i> , 2019 , 15, e1008079	7.6	16
33	PTEN-L promotes type I interferon responses and antiviral immunity. <i>Cellular and Molecular Immunology</i> , 2018 , 15, 48-57	15.4	10
32	The N-terminal ubiquitin-associated domain of Cezanne is crucial for its function to suppress NF- κ B pathway. <i>Journal of Cellular Biochemistry</i> , 2018 , 119, 1979-1991	4.7	12
31	The RNA Capping Enzyme Domain in Protein A is Essential for Flock House Virus Replication. <i>Viruses</i> , 2018 , 10,	6.2	4
30	Electron microscopy studies of the coronavirus ribonucleoprotein complex. <i>Protein and Cell</i> , 2017 , 8, 219-224	7.2	47
29	AMIGO2 modulates T cell functions and its deficiency in mice ameliorates experimental autoimmune encephalomyelitis. <i>Brain, Behavior, and Immunity</i> , 2017 , 62, 110-123	16.6	3
28	Immune regulator ABIN1 suppresses HIV-1 transcription by negatively regulating the ubiquitination of Tat. <i>Retrovirology</i> , 2017 , 14, 12	3.6	11
27	A Genome-Wide CRISPR Screen Identifies Genes Critical for Resistance to FLT3 Inhibitor AC220. <i>Cancer Research</i> , 2017 , 77, 4402-4413	10.1	37
26	Identification and Characterization of a Ribose 2'-O-Methyltransferase Encoded by the Ronivirus Branch of Nidovirales. <i>Journal of Virology</i> , 2016 , 90, 6675-6685	6.6	16

25	Ubiquitin ligase Fbw7 restricts the replication of hepatitis C virus by targeting NS5B for ubiquitination and degradation. <i>Biochemical and Biophysical Research Communications</i> , 2016 , 470, 697-703	3.4	8
24	Molecular mechanisms of coronavirus RNA capping and methylation. <i>Virologica Sinica</i> , 2016 , 31, 3-11	6.4	110
23	The tumor suppressor PTEN has a critical role in antiviral innate immunity. <i>Nature Immunology</i> , 2016 , 17, 241-9	19.1	105
22	The DEAD-Box RNA Helicase DDX3 Interacts with NF-B Subunit p65 and Suppresses p65-Mediated Transcription. <i>PLoS ONE</i> , 2016 , 11, e0164471	3.7	17
21	The Nucleocapsid Protein of Coronaviruses Acts as a Viral Suppressor of RNA Silencing in Mammalian Cells. <i>Journal of Virology</i> , 2015 , 89, 9029-43	6.6	112
20	Inhibition of hepatitis B virus by the CRISPR/Cas9 system via targeting the conserved regions of the viral genome. <i>Journal of General Virology</i> , 2015 , 96, 2252-2261	4.9	108
19	VHL negatively regulates SARS coronavirus replication by modulating nsp16 ubiquitination and stability. <i>Biochemical and Biophysical Research Communications</i> , 2015 , 459, 270-276	3.4	8
18	Coronavirus nsp10/nsp16 Methyltransferase Can Be Targeted by nsp10-Derived Peptide In Vitro and In Vivo To Reduce Replication and Pathogenesis. <i>Journal of Virology</i> , 2015 , 89, 8416-27	6.6	107
17	Genome editing of CXCR4 by CRISPR/cas9 confers cells resistant to HIV-1 infection. <i>Scientific Reports</i> , 2015 , 5, 15577	4.9	139
16	Severe acute respiratory syndrome coronavirus protein 6 mediates ubiquitin-dependent proteosomal degradation of N-Myc (and STAT) interactor. <i>Virologica Sinica</i> , 2015 , 30, 153-61	6.4	16
15	Prediction and biochemical analysis of putative cleavage sites of the 3C-like protease of Middle East respiratory syndrome coronavirus. <i>Virus Research</i> , 2015 , 208, 56-65	6.4	28
14	Inhibition of hepatitis B virus gene expression and replication by hepatocyte nuclear factor 6. <i>Journal of Virology</i> , 2015 , 89, 4345-55	6.6	24
13	Yeast-based assays for the high-throughput screening of inhibitors of coronavirus RNA cap guanine-N7-methyltransferase. <i>Antiviral Research</i> , 2014 , 104, 156-64	10.8	32
12	Characterization of the guanine-N7 methyltransferase activity of coronavirus nsp14 on nucleotide GTP. <i>Virus Research</i> , 2013 , 176, 45-52	6.4	39
11	Structure-function analysis of severe acute respiratory syndrome coronavirus RNA cap guanine-N7-methyltransferase. <i>Journal of Virology</i> , 2013 , 87, 6296-305	6.6	56
10	Short peptides derived from the interaction domain of SARS coronavirus nonstructural protein nsp10 can suppress the 2'-O-methyltransferase activity of nsp10/nsp16 complex. <i>Virus Research</i> , 2012 , 167, 322-8	6.4	46
9	Biochemical and structural insights into the mechanisms of SARS coronavirus RNA ribose 2'-O-methylation by nsp16/nsp10 protein complex. <i>PLoS Pathogens</i> , 2011 , 7, e1002294	7.6	214
8	Functional screen reveals SARS coronavirus nonstructural protein nsp14 as a novel cap N7 methyltransferase. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106, 3484-9	11.5	266

7	Identification of novel subgenomic RNAs and noncanonical transcription initiation signals of severe acute respiratory syndrome coronavirus. <i>Journal of Virology</i> , 2005 , 79, 5288-95	6.6	171
6	Close relatives of MERS-CoV in bats use ACE2 as their functional receptors		3
5	ddPCR: a more sensitive and accurate tool for SARS-CoV-2 detection in low viral load specimens		18
4	Aerodynamic Characteristics and RNA Concentration of SARS-CoV-2 Aerosol in Wuhan Hospitals during COVID-19 Outbreak		97
3	Many bat species are not potential hosts of SARS-CoV and SARS-CoV-2: Evidence from ACE2 receptor usage		3
2	Distinct mechanisms for TMPRSS2 expression explain organ-specific inhibition of SARS-CoV-2 infection by enzalutamide		4
1	Antibody neutralization to SARS-CoV-2 and variants after one year in Wuhan		1