

# Cheng-Feng Qin

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/2697366/cheng-feng-qin-publications-by-citations.pdf>

**Version:** 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

285  
papers

14,316  
citations

53  
h-index

112  
g-index

320  
ext. papers

18,399  
ext. citations

11.4  
avg, IF

6.43  
L-index

#	Paper	IF	Citations
285	Structure of M from SARS-CoV-2 and discovery of its inhibitors. <i>Nature</i> , <b>2020</b> , 582, 289-293	50.4	1836
284	Development of an inactivated vaccine candidate for SARS-CoV-2. <i>Science</i> , <b>2020</b> , 369, 77-81	33.3	823
283	Potent Neutralizing Antibodies against SARS-CoV-2 Identified by High-Throughput Single-Cell Sequencing of Convalescent PatientsSB Cells. <i>Cell</i> , <b>2020</b> , 182, 73-84.e16	56.2	806
282	Detection of SARS-CoV-2-Specific Humoral and Cellular Immunity in COVID-19 Convalescent Individuals. <i>Immunity</i> , <b>2020</b> , 52, 971-977.e3	32.3	707
281	Adaptation of SARS-CoV-2 in BALB/c mice for testing vaccine efficacy. <i>Science</i> , <b>2020</b> , 369, 1603-1607	33.3	434
280	Zika Virus Disrupts Neural Progenitor Development and Leads to Microcephaly in Mice. <i>Cell Stem Cell</i> , <b>2016</b> , 19, 120-6	18	408
279	A Mouse Model of SARS-CoV-2 Infection and Pathogenesis. <i>Cell Host and Microbe</i> , <b>2020</b> , 28, 124-133.e4	23.4	348
278	Structures of the Zika Virus Envelope Protein and Its Complex with a Flavivirus Broadly Protective Antibody. <i>Cell Host and Microbe</i> , <b>2016</b> , 19, 696-704	23.4	321
277	A single mutation in the prM protein of Zika virus contributes to fetal microcephaly. <i>Science</i> , <b>2017</b> , 358, 933-936	33.3	292
276	A Thermostable mRNA Vaccine against COVID-19. <i>Cell</i> , <b>2020</b> , 182, 1271-1283.e16	56.2	255
275	Zika Virus Causes Testis Damage and Leads to Male Infertility in Mice. <i>Cell</i> , <b>2016</b> , 167, 1511-1524.e10	56.2	251
274	Evolutionary enhancement of Zika virus infectivity in <i>Aedes aegypti</i> mosquitoes. <i>Nature</i> , <b>2017</b> , 545, 482-486	48.4	233
273	Structural basis for neutralization of SARS-CoV-2 and SARS-CoV by a potent therapeutic antibody. <i>Science</i> , <b>2020</b> , 369, 1505-1509	33.3	232
272	Vertical transmission of Zika virus targeting the radial glial cells affects cortex development of offspring mice. <i>Cell Research</i> , <b>2016</b> , 26, 645-54	24.7	212
271	Structures and receptor binding of hemagglutinins from human-infecting H7N9 influenza viruses. <i>Science</i> , <b>2013</b> , 342, 243-7	33.3	206
270	25-Hydroxycholesterol Protects Host against Zika Virus Infection and Its Associated Microcephaly in a Mouse Model. <i>Immunity</i> , <b>2017</b> , 46, 446-456	32.3	197
269	Zika Virus Disrupts Neural Progenitor Development and Leads to Microcephaly in Mice. <i>Cell Stem Cell</i> , <b>2016</b> , 19, 672	18	133

268	A broadly flavivirus cross-neutralizing monoclonal antibody that recognizes a novel epitope within the fusion loop of E protein. <i>PLoS ONE</i> , <b>2011</b> , 6, e16059	3.7	115
267	Chloroquine, a FDA-approved Drug, Prevents Zika Virus Infection and its Associated Congenital Microcephaly in Mice. <i>EBioMedicine</i> , <b>2017</b> , 24, 189-194	8.8	114
266	Zika-Virus-Encoded NS2A Disrupts Mammalian Cortical Neurogenesis by Degrading Adherens Junction Proteins. <i>Cell Stem Cell</i> , <b>2017</b> , 21, 349-358.e6	18	111
265	Existing drugs as broad-spectrum and potent inhibitors for Zika virus by targeting NS2B-NS3 interaction. <i>Cell Research</i> , <b>2017</b> , 27, 1046-1064	24.7	110
264	Rational design of thermostable vaccines by engineered peptide-induced virus self-biomineralization under physiological conditions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2013</b> , 110, 7619-24	11.5	107
263	Characterization of a 2016 Clinical Isolate of Zika Virus in Non-human Primates. <i>EBioMedicine</i> , <b>2016</b> , 12, 170-177	8.8	102
262	A potent broad-spectrum protective human monoclonal antibody crosslinking two haemagglutinin monomers of influenza A virus. <i>Nature Communications</i> , <b>2015</b> , 6, 7708	17.4	101
261	<i>Culex pipiens quinquefasciatus</i> : a potential vector to transmit Zika virus. <i>Emerging Microbes and Infections</i> , <b>2016</b> , 5, e102	18.9	101
260	Adenosine Analog NITD008 Is a Potent Inhibitor of Zika Virus. <i>Open Forum Infectious Diseases</i> , <b>2016</b> , 3, ofw175	1	100
259	HDL-scavenger receptor B type 1 facilitates SARS-CoV-2 entry. <i>Nature Metabolism</i> , <b>2020</b> , 2, 1391-1400	14.6	95
258	Virus capture and destruction by label-free graphene oxide for detection and disinfection applications. <i>Small</i> , <b>2015</b> , 11, 1171-6	11	91
257	Rational design of a live attenuated dengue vaccine: 2So-methyltransferase mutants are highly attenuated and immunogenic in mice and macaques. <i>PLoS Pathogens</i> , <b>2013</b> , 9, e1003521	7.6	86
256	Isolation, identification and genomic characterization of the Asian lineage Zika virus imported to China. <i>Science China Life Sciences</i> , <b>2016</b> , 59, 428-30	8.5	84
255	Human Virus-Derived Small RNAs Can Confer Antiviral Immunity in Mammals. <i>Immunity</i> , <b>2017</b> , 46, 992-1004.e5	9.45	83
254	Flavivirus RNA methylation. <i>Journal of General Virology</i> , <b>2014</b> , 95, 763-778	4.9	83
253	A peptide-based viral inactivator inhibits Zika virus infection in pregnant mice and fetuses. <i>Nature Communications</i> , <b>2017</b> , 8, 15672	17.4	83
252	Genomic characterization and phylogenetic analysis of Zika virus circulating in the Americas. <i>Infection, Genetics and Evolution</i> , <b>2016</b> , 43, 43-9	4.5	81
251	COMRADES determines in vivo RNA structures and interactions. <i>Nature Methods</i> , <b>2018</b> , 15, 785-788	21.6	80

250	Genomic and antigenic characterization of the newly emerging Chinese duck egg-drop syndrome flavivirus: genomic comparison with Tembusu and Sitiawan viruses. <i>Journal of General Virology</i> , <b>2012</b> , 93, 2158-2170	4.9	78
249	Characterization of two distinct neuraminidases from avian-origin human-infecting H7N9 influenza viruses. <i>Cell Research</i> , <b>2013</b> , 23, 1347-55	24.7	77
248	Near-atomic structure of Japanese encephalitis virus reveals critical determinants of virulence and stability. <i>Nature Communications</i> , <b>2017</b> , 8, 14	17.4	72
247	Zika virus infection induces RNAi-mediated antiviral immunity in human neural progenitors and brain organoids. <i>Cell Research</i> , <b>2019</b> , 29, 265-273	24.7	72
246	Excretion of infectious Zika virus in urine. <i>Lancet Infectious Diseases</i> , <b>2016</b> , 16, 641-642	25.5	70
245	Rational design of a flavivirus vaccine by abolishing viral RNA 2SO methylation. <i>Journal of Virology</i> , <b>2013</b> , 87, 5812-9	6.6	68
244	Transmission-blocking antibodies against mosquito C-type lectins for dengue prevention. <i>PLoS Pathogens</i> , <b>2014</b> , 10, e1003931	7.6	66
243	Azithromycin Protects against Zika virus Infection by Upregulating virus-induced Type I and III Interferon Responses. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2019</b> ,	5.9	65
242	Structure of Mpro from COVID-19 virus and discovery of its inhibitors		65
241	Virus-like particles for enterovirus 71 produced from <i>Saccharomyces cerevisiae</i> potently elicits protective immune responses in mice. <i>Vaccine</i> , <b>2013</b> , 31, 3281-7	4.1	62
240	Development of a chimeric Zika vaccine using a licensed live-attenuated flavivirus vaccine as backbone. <i>Nature Communications</i> , <b>2018</b> , 9, 673	17.4	60
239	A single nucleotide mutation in NS2A of Japanese encephalitis-live vaccine virus (SA14-14-2) ablates NS1Sformation and contributes to attenuation. <i>Journal of General Virology</i> , <b>2012</b> , 93, 1959-1964	4.9	60
238	Hand, foot, and mouth disease outbreak caused by coxsackievirus A6, China, 2013. <i>Journal of Infection</i> , <b>2014</b> , 69, 303-5	18.9	59
237	Novel cis-acting element within the capsid-coding region enhances flavivirus viral-RNA replication by regulating genome cyclization. <i>Journal of Virology</i> , <b>2013</b> , 87, 6804-18	6.6	59
236	suppresses Zika virus infection through PARP-dependent degradation of NS1 and NS3 viral proteins. <i>Science Signaling</i> , <b>2018</b> , 11,	8.8	58
235	The evolution of Zika virus from Asia to the Americas. <i>Nature Reviews Microbiology</i> , <b>2019</b> , 17, 131-139	22.2	56
234	Rational development of a human antibody cocktail that deploys multiple functions to confer Pan-SARS-CoVs protection. <i>Cell Research</i> , <b>2021</b> , 31, 25-36	24.7	53
233	Integrative Analysis of Zika Virus Genome RNA Structure Reveals Critical Determinants of Viral Infectivity. <i>Cell Host and Microbe</i> , <b>2018</b> , 24, 875-886.e5	23.4	52

232	Human Enterovirus Nonstructural Protein 2CATPase Functions as Both an RNA Helicase and ATP-Independent RNA Chaperone. <i>PLoS Pathogens</i> , <b>2015</b> , 11, e1005067	7.6	51
231	Antibody dependent enhancement infection of enterovirus 71 in vitro and in vivo. <i>Virology Journal</i> , <b>2011</b> , 8, 106	6.1	51
230	Treatment of Human Glioblastoma with a Live Attenuated Zika Virus Vaccine Candidate. <i>MBio</i> , <b>2018</b> , 9,	7.8	51
229	Zika virus directly infects peripheral neurons and induces cell death. <i>Nature Neuroscience</i> , <b>2017</b> , 20, 1209-1212	12.49	49
228	25-Hydroxycholesterol is a potent SARS-CoV-2 inhibitor. <i>Cell Research</i> , <b>2020</b> , 30, 1043-1045	24.7	49
227	Severe dengue outbreak in Yunnan, China, 2013. <i>International Journal of Infectious Diseases</i> , <b>2014</b> , 27, 4-6	10.5	47
226	Humoral immune response to circulating SARS-CoV-2 variants elicited by inactivated and RBD-subunit vaccines. <i>Cell Research</i> , <b>2021</b> , 31, 732-741	24.7	47
225	Viral RNA switch mediates the dynamic control of flavivirus replicase recruitment by genome cyclization. <i>ELife</i> , <b>2016</b> , 5,	8.9	47
224	Biomaterialization-based virus shell-engineering: towards neutralization escape and tropism expansion. <i>Advanced Healthcare Materials</i> , <b>2012</b> , 1, 443-9	10.1	45
223	Structure-based development of human antibody cocktails against SARS-CoV-2. <i>Cell Research</i> , <b>2021</b> , 31, 101-103	24.7	45
222	Salivary factor LTRIN from <i>Aedes aegypti</i> facilitates the transmission of Zika virus by interfering with the lymphotoxin- $\beta$ receptor. <i>Nature Immunology</i> , <b>2018</b> , 19, 342-353	19.1	44
221	Erythrosin B is a potent and broad-spectrum orthosteric inhibitor of the flavivirus NS2B-NS3 protease. <i>Antiviral Research</i> , <b>2018</b> , 150, 217-225	10.8	43
220	Human enterovirus 71 uncoating captured at atomic resolution. <i>Journal of Virology</i> , <b>2014</b> , 88, 3114-26	6.6	43
219	A chimeric dengue virus vaccine using Japanese encephalitis virus vaccine strain SA14-14-2 as backbone is immunogenic and protective against either parental virus in mice and nonhuman primates. <i>Journal of Virology</i> , <b>2013</b> , 87, 13694-705	6.6	43
218	Hydrated silica exterior produced by biomimetic silicification confers viral vaccine heat-resistance. <i>ACS Nano</i> , <b>2015</b> , 9, 799-808	16.7	43
217	Delineating antibody recognition against Zika virus during natural infection. <i>JCI Insight</i> , <b>2017</b> , 2,	9.9	41
216	A unique and conserved neutralization epitope in H5N1 influenza viruses identified by an antibody against the A/Goose/Guangdong/1/96 hemagglutinin. <i>Journal of Virology</i> , <b>2013</b> , 87, 12619-35	6.6	40
215	Targeting of dicer-2 and RNA by a viral RNA silencing suppressor in <i>Drosophila</i> cells. <i>Journal of Virology</i> , <b>2012</b> , 86, 5763-73	6.6	40

214	Induction of tetravalent protective immunity against four dengue serotypes by the tandem domain III of the envelope protein. <i>DNA and Cell Biology</i> , <b>2007</b> , 26, 361-7	3.6	40
213	Flavivirus induces and antagonizes antiviral RNA interference in both mammals and mosquitoes. <i>Science Advances</i> , <b>2020</b> , 6, eaax7989	14.3	39
212	Eggshell-inspired biomineralization generates vaccines that do not require refrigeration. <i>Angewandte Chemie - International Edition</i> , <b>2012</b> , 51, 10576-9	16.4	37
211	Human IgG subclasses against enterovirus Type 71: neutralization versus antibody dependent enhancement of infection. <i>PLoS ONE</i> , <b>2013</b> , 8, e64024	3.7	37
210	Transfer of convalescent serum to pregnant mice prevents Zika virus infection and microcephaly in offspring. <i>Cell Research</i> , <b>2017</b> , 27, 158-160	24.7	36
209	Determinants of Dengue Virus NS4A Protein Oligomerization. <i>Journal of Virology</i> , <b>2015</b> , 89, 6171-83	6.6	35
208	Recovery of a chemically synthesized Japanese encephalitis virus reveals two critical adaptive mutations in NS2B and NS4A. <i>Journal of General Virology</i> , <b>2014</b> , 95, 806-815	4.9	35
207	Characterization of enterovirus 71 and coxsackievirus A16 isolated in hand, foot, and mouth disease patients in Guangdong, 2010. <i>International Journal of Infectious Diseases</i> , <b>2013</b> , 17, e1025-30	10.5	35
206	Vector competence and transovarial transmission of two <i>Aedes aegypti</i> strains to Zika virus. <i>Emerging Microbes and Infections</i> , <b>2017</b> , 6, e23	18.9	34
205	Novel recombinant chimeric virus-like particle is immunogenic and protective against both enterovirus 71 and coxsackievirus A16 in mice. <i>Scientific Reports</i> , <b>2015</b> , 5, 7878	4.9	34
204	Virus-like particles produced in <i>Saccharomyces cerevisiae</i> elicit protective immunity against Coxsackievirus A16 in mice. <i>Applied Microbiology and Biotechnology</i> , <b>2013</b> , 97, 10445-52	5.7	34
203	Vaccine Engineering with Dual-Functional Mineral Shell: A Promising Strategy to Overcome Preexisting Immunity. <i>Advanced Materials</i> , <b>2016</b> , 28, 694-700	24	33
202	American Strain of Zika Virus Causes More Severe Microcephaly Than an Old Asian Strain in Neonatal Mice. <i>EBioMedicine</i> , <b>2017</b> , 25, 95-105	8.8	33
201	Recombination of human coxsackievirus B5 in hand, foot, and mouth disease patients, China. <i>Emerging Infectious Diseases</i> , <b>2012</b> , 18, 351-3	10.2	32
200	Characterization and structural basis of a lethal mouse-adapted SARS-CoV-2. <i>Nature Communications</i> , <b>2021</b> , 12, 5654	17.4	32
199	Development of RT-LAMP and real-time RT-PCR assays for the rapid detection of the new duck Tembusu-like BYD virus. <i>Archives of Virology</i> , <b>2012</b> , 157, 2273-80	2.6	31
198	Co-circulation of two genotypes of dengue virus serotype 3 in Guangzhou, China, 2009. <i>Virology Journal</i> , <b>2012</b> , 9, 125	6.1	30
197	Attenuated dengue 2 viruses with deletions in capsid protein derived from an infectious full-length cDNA clone. <i>Virus Research</i> , <b>2007</b> , 126, 226-32	6.4	30

196	The Emerging Duck Flavivirus Is Not Pathogenic for Primates and Is Highly Sensitive to Mammalian Interferon Antiviral Signaling. <i>Journal of Virology</i> , <b>2016</b> , 90, 6538-6548	6.6	30
195	Characterization of -Acting RNA Elements of Zika Virus by Using a Self-Splicing Ribozyme-Dependent Infectious Clone. <i>Journal of Virology</i> , <b>2017</b> , 91,	6.6	29
194	Intranasal infection and contact transmission of Zika virus in guinea pigs. <i>Nature Communications</i> , <b>2017</b> , 8, 1648	17.4	29
193	Persistent Viral Presence Determines the Clinical Course of the Disease in COVID-19. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , <b>2020</b> , 8, 2585-2591.e1	5.4	28
192	Structural basis for neutralization of Japanese encephalitis virus by two potent therapeutic antibodies. <i>Nature Microbiology</i> , <b>2018</b> , 3, 287-294	26.6	28
191	Identification and characterization of small sub-genomic RNAs in dengue 1-4 virus-infected cell cultures and tissues. <i>Biochemical and Biophysical Research Communications</i> , <b>2010</b> , 391, 1099-103	3.4	28
190	Parallel mRNA and microRNA profiling of HEV71-infected human neuroblastoma cells reveal the up-regulation of miR-1246 in association with DLG3 repression. <i>PLoS ONE</i> , <b>2014</b> , 9, e95272	3.7	28
189	The mA methylome of SARS-CoV-2 in host cells. <i>Cell Research</i> , <b>2021</b> , 31, 404-414	24.7	28
188	Identification of a recombinant dengue virus type 1 with 3 recombination regions in natural populations in Guangdong province, China. <i>Archives of Virology</i> , <b>2008</b> , 153, 1175-9	2.6	27
187	Suppression of the epidermal growth factor receptor inhibits epithelial-mesenchymal transition in human pancreatic cancer PANC-1 cells. <i>Digestive Diseases and Sciences</i> , <b>2012</b> , 57, 1181-9	4	26
186	Producing infectious enterovirus type 71 in a rapid strategy. <i>Virology Journal</i> , <b>2010</b> , 7, 116	6.1	26
185	Memory B cell repertoire from triple vaccinees against diverse SARS-CoV-2 variants.. <i>Nature</i> , <b>2022</b> ,	50.4	26
184	Rapid development of an inactivated vaccine for SARS-CoV-2		26
183	RNA elements within the 5Suntranslated region of the West Nile virus genome are critical for RNA synthesis and virus replication. <i>Journal of General Virology</i> , <b>2010</b> , 91, 1218-23	4.9	25
182	Global transcriptomic analysis of human neuroblastoma cells in response to enterovirus type 71 infection. <i>PLoS ONE</i> , <b>2013</b> , 8, e65948	3.7	25
181	Infectivity of Zika virus on primary cells support tree shrew as animal model. <i>Emerging Microbes and Infections</i> , <b>2019</b> , 8, 232-241	18.9	24
180	KDEL Receptors Assist Dengue Virus Exit from the Endoplasmic Reticulum. <i>Cell Reports</i> , <b>2015</b> , 10, 1496-1507	15.07	24
179	Disruption of glial cell development by Zika virus contributes to severe microcephalic newborn mice. <i>Cell Discovery</i> , <b>2018</b> , 4, 43	22.3	24

178	Zika virus NS3 is a canonical RNA helicase stimulated by NS5 RNA polymerase. <i>Nucleic Acids Research</i> , <b>2019</b> , 47, 8693-8707	20.1	24
177	Characterization of live-attenuated Japanese encephalitis vaccine virus SA14-14-2. <i>Vaccine</i> , <b>2014</b> , 32, 2675-81	4.1	24
176	Isolation and characterization of dengue virus serotype 2 from the large dengue outbreak in Guangdong, China in 2014. <i>Science China Life Sciences</i> , <b>2014</b> , 57, 1149-55	8.5	24
175	Translational regulation by the 3' untranslated region of the dengue type 2 virus genome. <i>American Journal of Tropical Medicine and Hygiene</i> , <b>2009</b> , 81, 817-24	3.2	24
174	Development and evaluation of a reverse transcription-loop-mediated isothermal amplification assay for rapid detection of enterovirus 71. <i>Journal of Clinical Microbiology</i> , <b>2011</b> , 49, 870-4	9.7	24
173	Zika virus degrades the $\beta$ fatty acid transporter Mfsd2a in brain microvascular endothelial cells and impairs lipid homeostasis. <i>Science Advances</i> , <b>2019</b> , 5, eaax7142	14.3	23
172	Biomaterialized vaccine nanohybrid for needle-free intranasal immunization. <i>Biomaterials</i> , <b>2016</b> , 106, 286-94	15.6	23
171	The kinase CK1 $\epsilon$ controls the antiviral immune response by phosphorylating the signaling adaptor TRAF3. <i>Nature Immunology</i> , <b>2016</b> , 17, 397-405	19.1	23
170	Differential antiviral immunity to Japanese encephalitis virus in developing cortical organoids. <i>Cell Death and Disease</i> , <b>2018</b> , 9, 719	9.8	23
169	Human MxB Inhibits the Replication of Hepatitis C Virus. <i>Journal of Virology</i> , <b>2019</b> , 93,	6.6	23
168	TLR3 signaling in macrophages is indispensable for the protective immunity of invariant natural killer T cells against enterovirus 71 infection. <i>PLoS Pathogens</i> , <b>2015</b> , 11, e1004613	7.6	22
167	Induction of neutralizing antibodies against four serotypes of dengue viruses by MixBiEDIII, a tetravalent dengue vaccine. <i>PLoS ONE</i> , <b>2014</b> , 9, e86573	3.7	22
166	Aedes mosquitoes acquire and transmit Zika virus by breeding in contaminated aquatic environments. <i>Nature Communications</i> , <b>2019</b> , 10, 1324	17.4	21
165	Visualization of a neurotropic flavivirus infection in mouse reveals unique viscerotropism controlled by host type I interferon signaling. <i>Theranostics</i> , <b>2017</b> , 7, 912-925	12.1	21
164	Robust vaccine formulation produced by assembling a hybrid coating of polyethyleneimine-silica. <i>Chemical Science</i> , <b>2016</b> , 7, 1753-1759	9.4	21
163	Immunization with truncated envelope protein of Zika virus induces protective immune response in mice. <i>Scientific Reports</i> , <b>2017</b> , 7, 10047	4.9	21
162	In vitro and in vivo characterization of a new enterovirus type 71-specific human intravenous immunoglobulin manufactured from selected plasma donors. <i>Journal of Clinical Virology</i> , <b>2011</b> , 51, 246-9	14.5	21
161	CpG oligodeoxynucleotides protect against the 2009 H1N1 pandemic influenza virus infection in a murine model. <i>Antiviral Research</i> , <b>2011</b> , 89, 124-6	10.8	21



160	Development of a real-time RT-PCR assay for a novel influenza A (H1N1) virus. <i>Journal of Virological Methods</i> , <b>2010</b> , 163, 470-3	2.6	21
159	Epidemiological and Virological Characterizations of the 2014 Dengue Outbreak in Guangzhou, China. <i>PLoS ONE</i> , <b>2016</b> , 11, e0156548	3.7	21
158	Recombinant chimeric Japanese encephalitis virus/tick-borne encephalitis virus is attenuated and protective in mice. <i>Vaccine</i> , <b>2014</b> , 32, 949-56	4.1	20
157	Vector competence of <i>Aedes albopictus</i> and <i>Aedes aegypti</i> (Diptera: Culicidae) for DEN2-43 and New Guinea C virus strains of dengue 2 virus. <i>Acta Tropica</i> , <b>2013</b> , 128, 566-70	3.2	20
156	The nonstructural protein 2C of a Picorna-like virus displays nucleic acid helix destabilizing activity that can be functionally separated from its ATPase activity. <i>Journal of Virology</i> , <b>2013</b> , 87, 5205-18	6.6	20
155	Rapid adaptation of SARS-CoV-2 in BALB/c mice: Novel mouse model for vaccine efficacy		20
154	A broadly neutralizing germline-like human monoclonal antibody against dengue virus envelope domain III. <i>PLoS Pathogens</i> , <b>2019</b> , 15, e1007836	7.6	19
153	Recombinant tandem multi-linear neutralizing epitopes of human enterovirus 71 elicited protective immunity in mice. <i>Virology Journal</i> , <b>2014</b> , 11, 79	6.1	19
152	Development and characterization of the replicon system of Japanese encephalitis live vaccine virus SA14-14-2. <i>Virology Journal</i> , <b>2013</b> , 10, 64	6.1	19
151	Development of rapid immunochromatographic test for hemagglutinin antigen of H7 subtype in patients infected with novel avian influenza A (H7N9) virus. <i>PLoS ONE</i> , <b>2014</b> , 9, e92306	3.7	19
150	Machine Learning Methods for Predicting Human-Adaptive Influenza A Viruses Based on Viral Nucleotide Compositions. <i>Molecular Biology and Evolution</i> , <b>2020</b> , 37, 1224-1236	8.3	19
149	Type I Interferons Triggered through the Toll-Like Receptor 3-TRIF Pathway Control Coxsackievirus A16 Infection in Young Mice. <i>Journal of Virology</i> , <b>2015</b> , 89, 10860-7	6.6	18
148	A bispecific antibody effectively neutralizes all four serotypes of dengue virus by simultaneous blocking virus attachment and fusion. <i>MABS</i> , <b>2016</b> , 8, 574-84	6.6	18
147	Functional single-virus-polyelectrolyte hybrids make large-scale applications of viral nanoparticles more efficient. <i>Small</i> , <b>2010</b> , 6, 351-4	11	18
146	Long non-coding subgenomic flavivirus RNAs have extended 3D structures and are flexible in solution. <i>EMBO Reports</i> , <b>2019</b> , 20, e47016	6.5	18
145	Establishment of replication-competent vesicular stomatitis virus-based recombinant viruses suitable for SARS-CoV-2 entry and neutralization assays. <i>Emerging Microbes and Infections</i> , <b>2020</b> , 9, 2269-2277	18.9	18
144	Generation of a recombinant West Nile virus stably expressing the Gaussia luciferase for neutralization assay. <i>Virus Research</i> , <b>2016</b> , 211, 17-24	6.4	17
143	A cypovirus VP5 displays the RNA chaperone-like activity that destabilizes RNA helices and accelerates strand annealing. <i>Nucleic Acids Research</i> , <b>2014</b> , 42, 2538-54	20.1	17

142	Identification and characterization of a virus-specific continuous B-cell epitope on the PrM/M protein of Japanese Encephalitis Virus: potential application in the detection of antibodies to distinguish Japanese Encephalitis Virus infection from West Nile Virus and Dengue Virus infections. <i>Virology Journal</i> , <b>2010</b> , <i>7</i> , 249	6.1	17
141	Characterization of anti-viral immunity in recovered individuals infected by SARS-CoV-2		17
140	Zika Virus Infection in Tupaia belangeri Causes Dermatological Manifestations and Confers Protection against Secondary Infection. <i>Journal of Virology</i> , <b>2019</b> , <i>93</i> ,	6.6	16
139	Crystal structures of enterovirus 71 (EV71) recombinant virus particles provide insights into vaccine design. <i>Journal of Biological Chemistry</i> , <b>2015</b> , <i>290</i> , 3198-208	5.4	16
138	Development of reverse-transcription loop-mediated isothermal amplification assay for rapid detection of novel avian influenza A (H7N9) virus. <i>BMC Microbiology</i> , <b>2014</b> , <i>14</i> , 271	4.5	16
137	Eggshell-Inspired Biomineralization Generates Vaccines that Do Not Require Refrigeration. <i>Angewandte Chemie</i> , <b>2012</b> , <i>124</i> , 10728-10731	3.6	16
136	Retinoic acid inducible gene-I and melanoma differentiation-associated gene 5 are induced but not essential for dengue virus induced type I interferon response. <i>Molecular Biology Reports</i> , <b>2011</b> , <i>38</i> , 3867-73	2.8	16
135	Zika NS1-induced ER remodeling is essential for viral replication. <i>Journal of Cell Biology</i> , <b>2020</b> , <i>219</i> ,	7.3	16
134	Characterization and structural basis of a lethal mouse-adapted SARS-CoV-2		16
133	Development of an automatic integrated gene detection system for novel severe acute respiratory syndrome-related coronavirus (SARS-CoV2). <i>Emerging Microbes and Infections</i> , <b>2020</b> , <i>9</i> , 1489-1496	18.9	15
132	Echovirus 30 in EV71-associated hand, foot and mouth disease outbreak, Guangxi, China. <i>Journal of Clinical Virology</i> , <b>2011</b> , <i>50</i> , 348-9	14.5	15
131	Presence of high-titer neutralizing antibodies against enterovirus 71 in intravenous immunoglobulin manufactured from Chinese donors. <i>Clinical Infectious Diseases</i> , <b>2010</b> , <i>50</i> , 125-6	11.6	15
130	In vitro characterization of human adenovirus type 55 in comparison with its parental adenoviruses, types 11 and 14. <i>PLoS ONE</i> , <b>2014</b> , <i>9</i> , e100665	3.7	14
129	Development of a double antibody sandwich ELISA for West Nile virus detection using monoclonal antibodies against non-structural protein 1. <i>PLoS ONE</i> , <b>2014</b> , <i>9</i> , e108623	3.7	14
128	Human enterovirus co-infection in severe HFMD patients in China. <i>Journal of Clinical Virology</i> , <b>2014</b> , <i>61</i> , 621-2	14.5	14
127	Phage displayed peptides to avian H5N1 virus distinguished the virus from other viruses. <i>PLoS ONE</i> , <b>2011</b> , <i>6</i> , e23058	3.7	14
126	A duplex real-time RT-PCR assay for detecting H5N1 avian influenza virus and pandemic H1N1 influenza virus. <i>Virology Journal</i> , <b>2010</b> , <i>7</i> , 113	6.1	14
125	Double lock of a potent human therapeutic monoclonal antibody against SARS-CoV-2. <i>National Science Review</i> , <b>2021</b> , <i>8</i> , nwaa297	10.8	14

124	Structure and function of cis-acting RNA elements of flavivirus. <i>Reviews in Medical Virology</i> , <b>2020</b> , 30, e2092	11.7	14
123	Development of Neutralization Assay Using an eGFP Chikungunya Virus. <i>Viruses</i> , <b>2016</b> , 8,	6.2	14
122	Alumina-encapsulated vaccine formulation with improved thermostability and immunogenicity. <i>Chemical Communications</i> , <b>2016</b> , 52, 6447-50	5.8	14
121	Biomimetic inorganic camouflage circumvents antibody-dependent enhancement of infection. <i>Chemical Science</i> , <b>2017</b> , 8, 8240-8246	9.4	13
120	Characterization of the contemporary Zika virus in immunocompetent mice. <i>Human Vaccines and Immunotherapeutics</i> , <b>2016</b> , 12, 3107-3109	4.4	13
119	Development of chimaeric West Nile virus attenuated vaccine candidate based on the Japanese encephalitis vaccine strain SA14-14-2. <i>Journal of General Virology</i> , <b>2013</b> , 94, 2700-2709	4.9	13
118	Dengue in China: not a passing problem. <i>Science China Life Sciences</i> , <b>2014</b> , 57, 1230-1	8.5	13
117	Complete genome sequence of a chikungunya virus isolated in Guangdong, China. <i>Journal of Virology</i> , <b>2012</b> , 86, 8904-5	6.6	13
116	A proof of concept for neutralizing antibody-guided vaccine design against SARS-CoV-2. <i>National Science Review</i> , <b>2021</b> , 8, nwab053	10.8	13
115	Upregulation of MicroRNA miR-9 Is Associated with Microcephaly and Zika Virus Infection in Mice. <i>Molecular Neurobiology</i> , <b>2019</b> , 56, 4072-4085	6.2	13
114	In vitro and in vivo characterization of chimeric duck Tembusu virus based on Japanese encephalitis live vaccine strain SA14-14-2. <i>Journal of General Virology</i> , <b>2016</b> , 97, 1551-1556	4.9	12
113	Axl Deficiency Promotes the Neuroinvasion of Japanese Encephalitis Virus by Enhancing IL-1 $\beta$ Production from Pyroptotic Macrophages. <i>Journal of Virology</i> , <b>2020</b> , 94,	6.6	11
112	A novel reporter system for neutralizing and enhancing antibody assay against dengue virus. <i>BMC Microbiology</i> , <b>2014</b> , 14, 44	4.5	11
111	Genomic analysis of HAdV-B14 isolate from the outbreak of febrile respiratory infection in China. <i>Genomics</i> , <b>2013</b> , 102, 448-55	4.3	11
110	Japanese encephalitis virus RNA not detected in urine. <i>Clinical Infectious Diseases</i> , <b>2013</b> , 57, 157-8	11.6	11
109	Prokaryotic expression and purification of HA1 and HA2 polypeptides for serological analysis of the 2009 pandemic H1N1 influenza virus. <i>Journal of Virological Methods</i> , <b>2011</b> , 172, 16-21	2.6	11
108	A DNA-based West Nile virus replicon elicits humoral and cellular immune responses in mice. <i>Journal of Virological Methods</i> , <b>2011</b> , 178, 87-93	2.6	11
107	Complete genome sequence analysis of tick-borne encephalitis viruses isolated in northeastern China. <i>Archives of Virology</i> , <b>2011</b> , 156, 1485-8	2.6	11

106	Cross protection against lethal West Nile virus challenge in mice immunized with recombinant E protein domain III of Japanese encephalitis virus. <i>Immunology Letters</i> , <b>2011</b> , 138, 156-60	4.1	11
105	Newcastle disease virus-vectored West Nile fever vaccine is immunogenic in mammals and poultry. <i>Virology Journal</i> , <b>2016</b> , 13, 109	6.1	11
104	Zika virus shedding in the stool and infection through the anorectal mucosa in mice. <i>Emerging Microbes and Infections</i> , <b>2018</b> , 7, 169	18.9	11
103	SARS-CoV-2 infection in the mouse olfactory system. <i>Cell Discovery</i> , <b>2021</b> , 7, 49	22.3	11
102	Dengue Specific Immunoglobulin A Antibody is Present in Urine and Associated with Disease Severity. <i>Scientific Reports</i> , <b>2016</b> , 6, 27298	4.9	10
101	Generation and characterization of a protective mouse monoclonal antibody against human enterovirus 71. <i>Applied Microbiology and Biotechnology</i> , <b>2015</b> , 99, 7663-71	5.7	10
100	Phenotypic and genomic characterization of human coxsackievirus A16 strains with distinct virulence in mice. <i>Virus Research</i> , <b>2014</b> , 179, 212-9	6.4	10
99	Complete genome sequence of a dengue virus serotype 4 strain isolated in Guangdong, China. <i>Journal of Virology</i> , <b>2012</b> , 86, 7021-2	6.6	10
98	Therapeutic effects of dengue 2 virus capsid protein and staphylococcal nuclease fusion protein on dengue-infected cell cultures. <i>Archives of Virology</i> , <b>2005</b> , 150, 659-69	2.6	10
97	Recovery of the Zika virus through an in vitro ligation approach. <i>Journal of General Virology</i> , <b>2017</b> , 98, 1739-1743	4.9	10
96	Zika NS2B is a crucial factor recruiting NS3 to the ER and activating its protease activity. <i>Virus Research</i> , <b>2020</b> , 275, 197793	6.4	10
95	Generation and characterization of West Nile pseudo-infectious reporter virus for antiviral screening. <i>Antiviral Research</i> , <b>2017</b> , 141, 38-47	10.8	9
94	Update on the Animal Models and Underlying Mechanisms for ZIKV-Induced Microcephaly. <i>Annual Review of Virology</i> , <b>2019</b> , 6, 459-479	14.6	9
93	<i>Aedes aegypti</i> HPX8C modulates immune responses against viral infection. <i>PLoS Neglected Tropical Diseases</i> , <b>2019</b> , 13, e0007287	4.8	9
92	Intracellular delivery of biomimetic monoclonal antibodies to combat viral infection. <i>Chemical Communications</i> , <b>2016</b> , 52, 1879-82	5.8	9
91	Comprehensive mapping of a novel NS1 epitope conserved in flaviviruses within the Japanese encephalitis virus serocomplex. <i>Virus Research</i> , <b>2014</b> , 185, 103-9	6.4	9
90	Noninvasive bioluminescence imaging of dengue virus infection in the brain of A129 mice. <i>Applied Microbiology and Biotechnology</i> , <b>2013</b> , 97, 4589-96	5.7	9
89	Serum Antibody Response to the Novel Influenza A (H1N1) Virus in the Elderly. <i>Clinical Infectious Diseases</i> , <b>2010</b> , 50, 285-6	11.6	9

88	An artificial intelligence system reveals liquiritin inhibits SARS-CoV-2 by mimicking type I interferon		9
87	Short Direct Repeats in the 3SUntranslated Region Are Involved in Subgenomic Flaviviral RNA Production. <i>Journal of Virology</i> , <b>2020</b> , 94,	6.6	9
86	Impaired Cellular Immunity to SARS-CoV-2 in Severe COVID-19 Patients. <i>Frontiers in Immunology</i> , <b>2021</b> , 12, 603563	8.4	9
85	Long-term stability and protection efficacy of the RBD-targeting COVID-19 mRNA vaccine in nonhuman primates.. <i>Signal Transduction and Targeted Therapy</i> , <b>2021</b> , 6, 438	21	9
84	Visualization of chikungunya virus infection and. <i>Emerging Microbes and Infections</i> , <b>2019</b> , 8, 1574-1583	18.9	8
83	Improvement of the specificity of a pan-viral microarray by using genus-specific oligonucleotides and reduction of interference by host genomes. <i>Journal of Medical Virology</i> , <b>2011</b> , 83, 1624-30	19.7	8
82	Complete genome sequence of dengue virus serotype 2 Cosmopolitan genotype strain in Guangdong, China. <i>Journal of Virology</i> , <b>2012</b> , 86, 13808-9	6.6	8
81	Development of cell lines stably expressing staphylococcal nuclease fused to dengue 2 virus capsid protein for CTVI. <i>Acta Biochimica Et Biophysica Sinica</i> , <b>2004</b> , 36, 577-82	2.8	8
80	Longitudinal dynamics of antibody responses in recovered COVID-19 patients. <i>Signal Transduction and Targeted Therapy</i> , <b>2021</b> , 6, 137	21	8
79	Convergent evolution of SARS-CoV-2 in human and animals. <i>Protein and Cell</i> , <b>2021</b> , 12, 832-835	7.2	8
78	Transient acquisition of cross-species infectivity during the evolution of SARS-CoV-2. <i>National Science Review</i> , <b>2021</b> , 8, nwab167	10.8	8
77	Phylogenetic and genetic characterization of a 2017 clinical isolate of H7N9 virus in Guangzhou, China during the fifth epidemic wave. <i>Science China Life Sciences</i> , <b>2017</b> , 60, 1331-1339	8.5	7
76	The importation of the phylogenetic-transition state of Zika virus to China in 2014. <i>Journal of Infection</i> , <b>2018</b> , 76, 106-109	18.9	7
75	Identification and characterization of a linearized B-cell epitope on the pr protein of dengue virus. <i>Journal of General Virology</i> , <b>2013</b> , 94, 1510-1516	4.9	7
74	Characterization of a Novel Dengue Serotype 4 Virus-Specific Neutralizing Epitope on the Envelope Protein Domain III. <i>PLoS ONE</i> , <b>2015</b> , 10, e0139741	3.7	7
73	Nanometer-resolution in situ structure of the SARS-CoV-2 postfusion spike protein. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2021</b> , 118,	11.5	7
72	Impaired cellular immunity to SARS-CoV-2 in severe COVID-19 patients		7
71	A proof of concept for neutralizing antibody-guided vaccine design against SARS-CoV-2		7

70	SARS-CoV-2 infection causes transient olfactory dysfunction in mice		7
69	Rapid development of an updated mRNA vaccine against the SARS-CoV-2 Omicron variant.. <i>Cell Research</i> , <b>2022</b> ,	24.7	7
68	Vector competence of <i>Aedes albopictus</i> and <i>Aedes aegypti</i> (Diptera: Culicidae) for the DEN2-FJ10 and DEN2-FJ11 strains of the dengue 2 virus in Fujian, China. <i>Acta Tropica</i> , <b>2016</b> , 161, 86-90	3.2	6
67	Evaluation and analysis of dengue virus enhancing and neutralizing activities using simple high-throughput assays. <i>Applied Microbiology and Biotechnology</i> , <b>2013</b> , 97, 6503-11	5.7	6
66	U4 at the 3SUTR of PB1 segment of H5N1 influenza virus promotes RNA polymerase activity and contributes to viral pathogenicity. <i>PLoS ONE</i> , <b>2014</b> , 9, e93366	3.7	6
65	Reduction of neutralization antibody against heterologous circulating strains in adults immunized with Japanese encephalitis live vaccine. <i>Human Vaccines and Immunotherapeutics</i> , <b>2014</b> , 10, 2704-5	4.4	6
64	Enhanced protective immunity against SARS-CoV-2 elicited by a VSV vector expressing a chimeric spike protein. <i>Signal Transduction and Targeted Therapy</i> , <b>2021</b> , 6, 389	21	6
63	Genotype-specific neutralization determinants in envelope protein: implications for the improvement of Japanese encephalitis vaccine. <i>Journal of General Virology</i> , <b>2015</b> , 96, 2165-2175	4.9	5
62	Development and characterization of a clinical strain of Coxsackievirus A16 and an eGFP infectious clone. <i>Virologica Sinica</i> , <b>2015</b> , 30, 269-76	6.4	5
61	Type-II Interferon-Inducible SERTAD3 Inhibits Influenza A Virus Replication by Blocking the Assembly of Viral RNA Polymerase Complex. <i>Cell Reports</i> , <b>2020</b> , 33, 108342	10.6	5
60	Characterization of a candidate tetravalent vaccine based on 2SO-methyltransferase mutants. <i>PLoS ONE</i> , <b>2018</b> , 13, e0189262	3.7	5
59	Severe dengue due to secondary DENV-1 infection in Mainland China. <i>Journal of Clinical Virology</i> , <b>2013</b> , 57, 184-6	14.5	5
58	A novel algorithm to define infection tendencies in H1N1 cases in Mainland China. <i>Infection, Genetics and Evolution</i> , <b>2011</b> , 11, 222-6	4.5	5
57	The pre-existing cellular immunity to Japanese encephalitis virus heterotypically protects mice from Zika virus infection. <i>Science Bulletin</i> , <b>2020</b> , 65, 402-409	10.6	5
56	Proteome-wide epitope mapping identifies a resource of antibodies for SARS-CoV-2 detection and neutralization. <i>Signal Transduction and Targeted Therapy</i> , <b>2021</b> , 6, 166	21	5
55	Homologous recombination of Zika viruses in the Americas. <i>Journal of Infection</i> , <b>2016</b> , 73, 87-8	18.9	5
54	A single residue in the B helix of the E protein is critical for Zika virus thermostability. <i>Emerging Microbes and Infections</i> , <b>2018</b> , 7, 5	18.9	4
53	Complete genome sequence of Seoul virus isolated from <i>Rattus norvegicus</i> in the Democratic People's Republic of Korea. <i>Journal of Virology</i> , <b>2012</b> , 86, 13853	6.6	4

52	The self-interaction of a nodavirus replicase is enhanced by mitochondrial membrane lipids. <i>PLoS ONE</i> , <b>2014</b> , 9, e89628	3.7	4
51	Vector Competence and Vertical Transmission of Zika Virus in (Diptera: Culicidae). <i>Vector-Borne and Zoonotic Diseases</i> , <b>2020</b> , 20, 374-379	2.4	3
50	Potential Vector Competence of Mosquitoes to Transmit Baiyangdian Virus, a New Tembusu-Related Virus in China. <i>Vector-Borne and Zoonotic Diseases</i> , <b>2020</b> , 20, 541-546	2.4	3
49	Mouse lung-adapted mutation of E190G in hemagglutinin from H5N1 influenza virus contributes to attenuation in mice. <i>Journal of Medical Virology</i> , <b>2015</b> , 87, 1816-22	19.7	3
48	Dengue type four viruses with E-Glu345Lys adaptive mutation from MRC-5 cells induce low viremia but elicit potent neutralizing antibodies in rhesus monkeys. <i>PLoS ONE</i> , <b>2014</b> , 9, e100130	3.7	3
47	Safety and immunogenicity of the SARS-CoV-2 ARCoV mRNA vaccine in Chinese adults: a randomised, double-blind, placebo-controlled, phase 1 trial.. <i>Lancet Microbe, The</i> , <b>2022</b> ,	22.2	3
46	Oncolytic Zika virus promotes intratumoral T cell infiltration and improves immunotherapy efficacy in glioblastoma.. <i>Molecular Therapy - Oncolytics</i> , <b>2022</b> , 24, 522-534	6.4	3
45	Broad-spectrum virucidal activity of bacterial secreted lipases against flaviviruses, SARS-CoV-2 and other enveloped viruses		3
44	Different Gene Networks Are Disturbed by Zika Virus Infection in A Mouse Microcephaly Model. <i>Genomics, Proteomics and Bioinformatics</i> , <b>2020</b> , 18, 737-748	6.5	3
43	Double Lock of a Potent Human Monoclonal Antibody against SARS-CoV-2		3
42	Japanese Encephalitis Virus Vaccination Elicits Cross-Reactive HLA-Class I-Restricted CD8 T Cell Response Against Zika Virus Infection. <i>Frontiers in Immunology</i> , <b>2020</b> , 11, 577546	8.4	3
41	Zika Virus Infection Leads to Variable Defects in Multiple Neurological Functions and Behaviors in Mice and Children. <i>Advanced Science</i> , <b>2020</b> , 7, 1901996	13.6	3
40	Rational Design of a Replication-Competent and Inheritable Magnetic Viruses for Targeting Biomedical Applications. <i>Small</i> , <b>2020</b> , 16, e2002435	11	3
39	Electrostatic Interaction Between NS1 and Negatively Charged Lipids Contributes to Flavivirus Replication Organelles Formation. <i>Frontiers in Microbiology</i> , <b>2021</b> , 12, 641059	5.7	3
38	A single-dose live attenuated chimeric vaccine candidate against Zika virus. <i>Npj Vaccines</i> , <b>2021</b> , 6, 20	9.5	3
37	Impact of Prior Infection on Severe Acute Respiratory Syndrome Coronavirus 2 Transmission in Syrian Hamsters. <i>Frontiers in Microbiology</i> , <b>2021</b> , 12, 722178	5.7	3
36	The RNA binding of protein A from Wuhan nodavirus is mediated by mitochondrial membrane lipids. <i>Virology</i> , <b>2014</b> , 462-463, 1-13	3.6	2
35	H5N1 influenza A virus with K193E and G225E double mutations in haemagglutinin is attenuated and immunogenic in mice. <i>Journal of General Virology</i> , <b>2015</b> , 96, 2522-2530	4.9	2

34	Complete genome sequence of an amur virus isolated from Apodemus peninsulae in Northeastern China. <i>Journal of Virology</i> , <b>2012</b> , 86, 13816-7	6.6	2
33	Complete genome sequence analysis of human echovirus type 30 isolated in China. <i>Journal of Virology</i> , <b>2012</b> , 86, 13856-7	6.6	2
32	Seasonal influenza vaccination may mitigate the potential impact of an H5N1 pandemic. <i>Chinese Medical Journal</i> , <b>2008</b> , 121, 1481-1483	2.9	2
31	Treatment of SARS-CoV-2 induced pneumonia with NAD+ in a mouse model		2
30	Structural basis for neutralization of SARS-CoV-2 and SARS-CoV by a potent therapeutic antibody		2
29	Methods to Identify Immunogenic Peptides in SARS-CoV-2 Spike and Protective Monoclonal Antibodies in COVID-19 Patients. <i>Small Methods</i> , <b>2021</b> , 5, 2100058	12.8	2
28	Construction and characterization of UAA-controlled recombinant Zika virus by genetic code expansion. <i>Science China Life Sciences</i> , <b>2021</b> , 64, 171-173	8.5	2
27	hACE2 Fc-neutralization antibody cocktail provides synergistic protection against SARS-CoV-2 and its spike RBD variants. <i>Cell Discovery</i> , <b>2021</b> , 7, 54	22.3	2
26	Generation and Characterization of a Nanobody Against SARS-CoV. <i>Virologica Sinica</i> , <b>2021</b> , 1	6.4	2
25	Rational Development of a Polysaccharide-Protein-Conjugated Nanoparticle Vaccine Against SARS-CoV-2 Variants and Streptococcus pneumoniae.. <i>Advanced Materials</i> , <b>2022</b> , e2200443	24	2
24	Susceptibility of Armigeres subalbatus Coquillett (Diptera: Culicidae) to Zika virus through oral and urine infection. <i>PLoS Neglected Tropical Diseases</i> , <b>2020</b> , 14, e0008450	4.8	1
23	Methylprednisolone treatment fails to protect mice from the H5N1 influenza A virus-induced proinflammatory response and mortality. <i>Journal of Infection</i> , <b>2014</b> , 69, 297-9	18.9	1
22	Additional seasonal influenza virus vaccinations for the 2009 H1N1 pandemic. <i>Vaccine Journal</i> , <b>2010</b> , 17, 887-8		1
21	Community transmission of pandemic influenza A (H1N1) in China. <i>Infection Control and Hospital Epidemiology</i> , <b>2010</b> , 31, 961-3	2	1
20	Identification of oligosaccharyltransferase as a host target for inhibition of SARS-CoV-2 and its variants. <i>Cell Discovery</i> , <b>2021</b> , 7, 116	22.3	1
19	GP73 is a glucogenic hormone contributing to SARS-CoV-2-induced hyperglycemia.. <i>Nature Metabolism</i> , <b>2022</b> ,	14.6	1
18	Generation and Characterization of a Chimeric Tick-Borne Encephalitis Virus Attenuated Strain ChinTBEV. <i>Methods in Molecular Biology</i> , <b>2016</b> , 1403, 285-93	1.4	1
17	Expression pattern and function of SARS-CoV-2 Receptor ACE2. <i>Biosafety and Health</i> , <b>2021</b> , 3, 312-312	4.7	1



16	The Infection and Pathogenicity of SARS-CoV-2 Variant B.1.351 in hACE2 Mice. <i>Virologica Sinica</i> , <b>2021</b> , 36, 1232-1235	6.4	1
15	A subset of Memory B-derived antibody repertoire from 3-dose vaccinees is ultrapotent against diverse and highly transmissible SARS-CoV-2 variants, including Omicron		1
14	The SARS-CoV-2 B.1.351 Variant Can Transmit in Rats But Not in Mice.. <i>Frontiers in Immunology</i> , <b>2022</b> , 13, 869809	8.4	1
13	An integrated rapid nucleic acid detection assay based on recombinant polymerase amplification for SARS-CoV-2.. <i>Virologica Sinica</i> , <b>2022</b> ,	6.4	0
12	Recapitulating Zika Virus Infection in Vagina of Tree Shrew. <i>Frontiers in Cellular and Infection Microbiology</i> , <b>2021</b> , 11, 687338	5.9	0
11	High thermostability of the newly emerged influenza A (H7N9) virus. <i>Journal of Infection</i> , <b>2016</b> , 72, 393-408	48.9	0
10	Visualization of yellow fever virus infection in mice using a bioluminescent reporter virus. <i>Emerging Microbes and Infections</i> , <b>2021</b> , 10, 1739-1750	18.9	0
9	A highly immunogenic live-attenuated vaccine candidate prevents SARS-CoV-2 infection and transmission in hamsters.. <i>Innovation(China)</i> , <b>2022</b> , 100221	17.8	0
8	Treatment of SARS-CoV-2-induced pneumonia with NAD and NMN in two mouse models.. <i>Cell Discovery</i> , <b>2022</b> , 8, 38	22.3	0
7	Antibody engineering improves neutralization activity against K417 spike mutant SARS-CoV-2 variants.. <i>Cell and Bioscience</i> , <b>2022</b> , 12, 63	9.8	0
6	Old Master Zhu: in memory of virologist Guan-Fu Zhu. <i>Protein and Cell</i> , <b>2018</b> , 9, 749-751	7.2	
5	Dengue vaccine development: challenges and emerging opportunities. <i>Future Virology</i> , <b>2014</b> , 9, 231-234	2.4	
4	Virus-Shell Engineering: Biomineralization-Based Virus Shell-Engineering: Towards Neutralization Escape and Tropism Expansion (Adv. Healthcare Mater. 4/2012). <i>Advanced Healthcare Materials</i> , <b>2012</b> , 1, 366-366	10.1	
3	The human gastrointestinal tract: Another target of the H5N1 influenza virus?. <i>Medical Hypotheses</i> , <b>2008</b> , 70, 196-7	3.8	
2	Recovery and Genetic Characterization of a West Nile Virus Isolate from China. <i>Virologica Sinica</i> , <b>2021</b> , 36, 113-121	6.4	
1	Rational Development of a Polysaccharide-Protein-Conjugated Nanoparticle Vaccine Against SARS-CoV-2 Variants and Streptococcus pneumoniae (Adv. Mater. 21/2022). <i>Advanced Materials</i> , <b>2022</b> , 34, 2270160	24	