

# Jie Zhou

## List of Publications by Citations

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255  
papers

50,921  
citations

84  
h-index

225  
g-index

272  
ext. papers

64,003  
ext. citations

13  
avg, IF

7.77  
L-index

#	Paper	IF	Citations
255	Clinical Characteristics of Coronavirus Disease 2019 in China. <i>New England Journal of Medicine</i> , <b>2020</b> , 382, 1708-1720	59.2	15713
254	A familial cluster of pneumonia associated with the 2019 novel coronavirus indicating person-to-person transmission: a study of a family cluster. <i>Lancet, The</i> , <b>2020</b> , 395, 514-523	40	5219
253	Temporal profiles of viral load in posterior oropharyngeal saliva samples and serum antibody responses during infection by SARS-CoV-2: an observational cohort study. <i>Lancet Infectious Diseases, The</i> , <b>2020</b> , 20, 565-574	25.5	2081
252	Genomic characterization of the 2019 novel human-pathogenic coronavirus isolated from a patient with atypical pneumonia after visiting Wuhan. <i>Emerging Microbes and Infections</i> , <b>2020</b> , 9, 221-236	18.9	1681
251	Severe acute respiratory syndrome coronavirus-like virus in Chinese horseshoe bats. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2005</b> , 102, 14040-5	11.5	1108
250	Avian influenza A (H5N1) infection in humans. <i>New England Journal of Medicine</i> , <b>2005</b> , 353, 1374-85	59.2	1065
249	Coronaviruses - drug discovery and therapeutic options. <i>Nature Reviews Drug Discovery</i> , <b>2016</b> , 15, 327-476	4.1	1060
248	Characterization and complete genome sequence of a novel coronavirus, coronavirus HKU1, from patients with pneumonia. <i>Journal of Virology</i> , <b>2005</b> , 79, 884-95	6.6	1028
247	Triple combination of interferon beta-1b, lopinavir-ritonavir, and ribavirin in the treatment of patients admitted to hospital with COVID-19: an open-label, randomised, phase 2 trial. <i>Lancet, The</i> , <b>2020</b> , 395, 1695-1704	40	948
246	Human infections with the emerging avian influenza A H7N9 virus from wet market poultry: clinical analysis and characterisation of viral genome. <i>Lancet, The</i> , <b>2013</b> , 381, 1916-25	40	668
245	Middle East respiratory syndrome coronavirus: another zoonotic betacoronavirus causing SARS-like disease. <i>Clinical Microbiology Reviews</i> , <b>2015</b> , 28, 465-522	34	582
244	Improved Molecular Diagnosis of COVID-19 by the Novel, Highly Sensitive and Specific COVID-19-RdRp/Hel Real-Time Reverse Transcription-PCR Assay Validated and with Clinical Specimens. <i>Journal of Clinical Microbiology</i> , <b>2020</b> , 58,	9.7	572
243	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> , <b>2020</b> , 71, 2428-2446	11.6	537
242	Treatment With Lopinavir/Ritonavir or Interferon-β Improves Outcome of MERS-CoV Infection in a Nonhuman Primate Model of Common Marmoset. <i>Journal of Infectious Diseases</i> , <b>2015</b> , 212, 1904-13	7	483
241	Convalescent plasma treatment reduced mortality in patients with severe pandemic influenza A (H1N1) 2009 virus infection. <i>Clinical Infectious Diseases</i> , <b>2011</b> , 52, 447-56	11.6	478
240	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> , <b>2020</b> , 71, 1400-1409	11.6	431
239	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, The</i> , <b>2020</b> , 1, e14-e23	22.2	415

238	Coronavirus diversity, phylogeny and interspecies jumping. <i>Experimental Biology and Medicine</i> , <b>2009</b> , 234, 1117-27	3.7	415
237	Discovery of SARS-CoV-2 antiviral drugs through large-scale compound repurposing. <i>Nature</i> , <b>2020</b> , 586, 113-119	50.4	405
236	Crystal structure of an avian influenza polymerase PA(N) reveals an endonuclease active site. <i>Nature</i> , <b>2009</b> , 458, 909-13	50.4	380
235	Interspecies transmission and emergence of novel viruses: lessons from bats and birds. <i>Trends in Microbiology</i> , <b>2013</b> , 21, 544-55	12.4	349
234	Delayed clearance of viral load and marked cytokine activation in severe cases of pandemic H1N1 2009 influenza virus infection. <i>Clinical Infectious Diseases</i> , <b>2010</b> , 50, 850-9	11.6	336
233	SARS-CoV-2 B.1.617.2 Delta variant replication and immune evasion. <i>Nature</i> , <b>2021</b> , 599, 114-119	50.4	334
232	Cytokine responses in severe acute respiratory syndrome coronavirus-infected macrophages in vitro: possible relevance to pathogenesis. <i>Journal of Virology</i> , <b>2005</b> , 79, 7819-26	6.6	318
231	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> , <b>2020</b> , 71, 2139-2149	11.6	310
230	Severe acute respiratory syndrome coronavirus ORF3a protein activates the NLRP3 inflammasome by promoting TRAF3-dependent ubiquitination of ASC. <i>FASEB Journal</i> , <b>2019</b> , 33, 8865-8877	0.9	296
229	Middle East Respiratory Syndrome Coronavirus Efficiently Infects Human Primary T Lymphocytes and Activates the Extrinsic and Intrinsic Apoptosis Pathways. <i>Journal of Infectious Diseases</i> , <b>2016</b> , 213, 904-14	7	285
228	Infection of bat and human intestinal organoids by SARS-CoV-2. <i>Nature Medicine</i> , <b>2020</b> , 26, 1077-1083	50.5	285
227	Active replication of Middle East respiratory syndrome coronavirus and aberrant induction of inflammatory cytokines and chemokines in human macrophages: implications for pathogenesis. <i>Journal of Infectious Diseases</i> , <b>2014</b> , 209, 1331-42	7	285
226	Delayed induction of proinflammatory cytokines and suppression of innate antiviral response by the novel Middle East respiratory syndrome coronavirus: implications for pathogenesis and treatment. <i>Journal of General Virology</i> , <b>2013</b> , 94, 2679-2690	4.9	268
225	Broad-spectrum antivirals for the emerging Middle East respiratory syndrome coronavirus. <i>Journal of Infection</i> , <b>2013</b> , 67, 606-16	18.9	263
224	Delayed antiviral plus immunomodulator treatment still reduces mortality in mice infected by high inoculum of influenza A/H5N1 virus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2008</b> , 105, 8091-6	11.5	257
223	Human intestinal tract serves as an alternative infection route for Middle East respiratory syndrome coronavirus. <i>Science Advances</i> , <b>2017</b> , 3, eaao4966	14.3	248
222	Structure-based discovery of Middle East respiratory syndrome coronavirus fusion inhibitor. <i>Nature Communications</i> , <b>2014</b> , 5, 3067	17.4	247
221	Striking Antibody Evasion Manifested by the Omicron Variant of SARS-CoV-2.. <i>Nature</i> , <b>2021</b> ,	50.4	227

220	Crystal structure of the polymerase PA(C)-PB1(N) complex from an avian influenza H5N1 virus. <i>Nature</i> , <b>2008</b> , 454, 1123-6	50.4	225
219	Hyperimmune IV immunoglobulin treatment: a multicenter double-blind randomized controlled trial for patients with severe 2009 influenza A(H1N1) infection. <i>Chest</i> , <b>2013</b> , 144, 464-473	5.3	220
218	Severe acute respiratory syndrome coronavirus M protein inhibits type I interferon production by impeding the formation of TRAF3.TANK.TBK1/IKKepsilon complex. <i>Journal of Biological Chemistry</i> , <b>2009</b> , 284, 16202-16209	5.4	219
217	Self-amplifying RNA SARS-CoV-2 lipid nanoparticle vaccine candidate induces high neutralizing antibody titers in mice. <i>Nature Communications</i> , <b>2020</b> , 11, 3523	17.4	216
216	The furin cleavage site in the SARS-CoV-2 spike protein is required for transmission in ferrets. <i>Nature Microbiology</i> , <b>2021</b> , 6, 899-909	26.6	206
215	Comparative analysis of twelve genomes of three novel group 2c and group 2d coronaviruses reveals unique group and subgroup features. <i>Journal of Virology</i> , <b>2007</b> , 81, 1574-85	6.6	202
214	Genetic characterization of Betacoronavirus lineage C viruses in bats reveals marked sequence divergence in the spike protein of pipistrellus bat coronavirus HKU5 in Japanese pipistrelle: implications for the origin of the novel Middle East respiratory syndrome coronavirus. <i>Journal of Virology</i> , <b>2013</b> , 87, 8638-50	6.6	191
213	Ecoepidemiology and complete genome comparison of different strains of severe acute respiratory syndrome-related Rhinolophus bat coronavirus in China reveal bats as a reservoir for acute, self-limiting infection that allows recombination events. <i>Journal of Virology</i> , <b>2010</b> , 84, 2808-19	6.6	191
212	Identification of influenza A nucleoprotein as an antiviral target. <i>Nature Biotechnology</i> , <b>2010</b> , 28, 600-5	44.5	181
211	Differential maturation and subcellular localization of severe acute respiratory syndrome coronavirus surface proteins S, M and E. <i>Journal of General Virology</i> , <b>2005</b> , 86, 1423-1434	4.9	172
210	Zika fever and congenital Zika syndrome: An unexpected emerging arboviral disease. <i>Journal of Infection</i> , <b>2016</b> , 72, 507-24	18.9	172
209	Recombinant modified vaccinia virus Ankara expressing the spike glycoprotein of severe acute respiratory syndrome coronavirus induces protective neutralizing antibodies primarily targeting the receptor binding region. <i>Journal of Virology</i> , <b>2005</b> , 79, 2678-88	6.6	171
208	Potent neutralization of MERS-CoV by human neutralizing monoclonal antibodies to the viral spike glycoprotein. <i>Science Translational Medicine</i> , <b>2014</b> , 6, 234ra59	17.5	165
207	Differential cell line susceptibility to the emerging novel human betacoronavirus 2c EMC/2012: implications for disease pathogenesis and clinical manifestation. <i>Journal of Infectious Diseases</i> , <b>2013</b> , 207, 1743-52	7	165
206	Viral load in patients infected with pandemic H1N1 2009 influenza A virus. <i>Journal of Medical Virology</i> , <b>2010</b> , 82, 1-7	19.7	165
205	Two years after pandemic influenza A/2009/H1N1: what have we learned?. <i>Clinical Microbiology Reviews</i> , <b>2012</b> , 25, 223-63	34	155
204	Characterization of the Lipidomic Profile of Human Coronavirus-Infected Cells: Implications for Lipid Metabolism Remodeling upon Coronavirus Replication. <i>Viruses</i> , <b>2019</b> , 11,	6.2	150
203	Modulation of the unfolded protein response by the severe acute respiratory syndrome coronavirus spike protein. <i>Journal of Virology</i> , <b>2006</b> , 80, 9279-87	6.6	149

202	Middle east respiratory syndrome coronavirus 4a protein is a double-stranded RNA-binding protein that suppresses PACT-induced activation of RIG-I and MDA5 in the innate antiviral response. <i>Journal of Virology</i> , <b>2014</b> , 88, 4866-76	6.6	138
201	Comparative genomic analysis of pre-epidemic and epidemic Zika virus strains for virological factors potentially associated with the rapidly expanding epidemic. <i>Emerging Microbes and Infections</i> , <b>2016</b> , 5, e22	18.9	136
200	Cross-reactive antibodies in convalescent SARS patientsSsera against the emerging novel human coronavirus EMC (2012) by both immunofluorescent and neutralizing antibody tests. <i>Journal of Infection</i> , <b>2013</b> , 67, 130-40	18.9	135
199	Differentiated human airway organoids to assess infectivity of emerging influenza virus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2018</b> , 115, 6822-6827	11.5	127
198	Investigating Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) Surface and Air Contamination in an Acute Healthcare Setting During the Peak of the Coronavirus Disease 2019 (COVID-19) Pandemic in London. <i>Clinical Infectious Diseases</i> , <b>2021</b> , 73, e1870-e1877	11.6	126
197	SREBP-dependent lipidomic reprogramming as a broad-spectrum antiviral target. <i>Nature Communications</i> , <b>2019</b> , 10, 120	17.4	125
196	Identification of TMPRSS2 as a Susceptibility Gene for Severe 2009 Pandemic A(H1N1) Influenza and A(H7N9) Influenza. <i>Journal of Infectious Diseases</i> , <b>2015</b> , 212, 1214-21	7	123
195	Productive replication of Middle East respiratory syndrome coronavirus in monocyte-derived dendritic cells modulates innate immune response. <i>Virology</i> , <b>2014</b> , 454-455, 197-205	3.6	122
194	Is the discovery of the novel human betacoronavirus 2c EMC/2012 (HCoV-EMC) the beginning of another SARS-like pandemic?. <i>Journal of Infection</i> , <b>2012</b> , 65, 477-89	18.9	122
193	Identification of novel small-molecule inhibitors of severe acute respiratory syndrome-associated coronavirus by chemical genetics. <i>Chemistry and Biology</i> , <b>2004</b> , 11, 1293-9		121
192	Feline morbillivirus, a previously undescribed paramyxovirus associated with tubulointerstitial nephritis in domestic cats. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2012</b> , 109, 5435-40	11.5	119
191	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> , <b>2016</b> , 5, e93	18.9	117
190	Middle East respiratory syndrome coronavirus and bat coronavirus HKU9 both can utilize GRP78 for attachment onto host cells. <i>Journal of Biological Chemistry</i> , <b>2018</b> , 293, 11709-11726	5.4	114
189	The emergence of influenza A H7N9 in human beings 16 years after influenza A H5N1: a tale of two cities. <i>Lancet Infectious Diseases</i> , <b>2013</b> , 13, 809-21	25.5	113
188	MERS coronavirus induces apoptosis in kidney and lung by upregulating Smad7 and FGF2. <i>Nature Microbiology</i> , <b>2016</b> , 1, 16004	26.6	112
187	Cytokine profiles induced by the novel swine-origin influenza A/H1N1 virus: implications for treatment strategies. <i>Journal of Infectious Diseases</i> , <b>2010</b> , 201, 346-53	7	107
186	Sensitive and specific monoclonal antibody-based capture enzyme immunoassay for detection of nucleocapsid antigen in sera from patients with severe acute respiratory syndrome. <i>Journal of Clinical Microbiology</i> , <b>2004</b> , 42, 2629-35	9.7	106
185	An animal model of MERS produced by infection of rhesus macaques with MERS coronavirus. <i>Journal of Infectious Diseases</i> , <b>2014</b> , 209, 236-42	7	102

184	Intranasal vaccination of recombinant adeno-associated virus encoding receptor-binding domain of severe acute respiratory syndrome coronavirus (SARS-CoV) spike protein induces strong mucosal immune responses and provides long-term protection against SARS-CoV infection. <i>Journal of Immunology</i> , <b>2008</b> , 180, 948-56	5.3	102
183	The K526R substitution in viral protein PB2 enhances the effects of E627K on influenza virus replication. <i>Nature Communications</i> , <b>2014</b> , 5, 5509	17.4	101
182	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> , <b>2020</b> , 222, 734-745	7	96
181	Neutralization of SARS-CoV-2 Omicron variant by sera from BNT162b2 or Coronavac vaccine recipients.. <i>Clinical Infectious Diseases</i> , <b>2021</b> ,	11.6	94
180	Soluble ACE2-mediated cell entry of SARS-CoV-2 via interaction with proteins related to the renin-angiotensin system. <i>Cell</i> , <b>2021</b> , 184, 2212-2228.e12	56.2	94
179	Clinical, virological, and histopathological manifestations of fatal human infections by avian influenza A(H7N9) virus. <i>Clinical Infectious Diseases</i> , <b>2013</b> , 57, 1449-57	11.6	93
178	A novel peptide with potent and broad-spectrum antiviral activities against multiple respiratory viruses. <i>Scientific Reports</i> , <b>2016</b> , 6, 22008	4.9	93
177	The natural viral load profile of patients with pandemic 2009 influenza A(H1N1) and the effect of oseltamivir treatment. <i>Chest</i> , <b>2010</b> , 137, 759-68	5.3	92
176	Middle East respiratory syndrome coronavirus M protein suppresses type I interferon expression through the inhibition of TBK1-dependent phosphorylation of IRF3. <i>Emerging Microbes and Infections</i> , <b>2016</b> , 5, e39	18.9	90
175	Coexistence of different genotypes in the same bat and serological characterization of Rousettus bat coronavirus HKU9 belonging to a novel Betacoronavirus subgroup. <i>Journal of Virology</i> , <b>2010</b> , 84, 11385-94	6.6	88
174	High neutralizing antibody titer in intensive care unit patients with COVID-19. <i>Emerging Microbes and Infections</i> , <b>2020</b> , 9, 1664-1670	18.9	86
173	Leptin mediates the pathogenesis of severe 2009 pandemic influenza A(H1N1) infection associated with cytokine dysregulation in mice with diet-induced obesity. <i>Journal of Infectious Diseases</i> , <b>2013</b> , 207, 1270-80	7	86
172	Emergence in China of human disease due to avian influenza A(H10N8)--cause for concern?. <i>Journal of Infection</i> , <b>2014</b> , 68, 205-15	18.9	84
171	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
170	Oseltamivir-resistant influenza A pandemic (H1N1) 2009 virus, Hong Kong, China. <i>Emerging Infectious Diseases</i> , <b>2009</b> , 15, 1970-2	10.2	83
169	Novel antiviral activity and mechanism of bromocriptine as a Zika virus NS2B-NS3 protease inhibitor. <i>Antiviral Research</i> , <b>2017</b> , 141, 29-37	10.8	81
168	Quasispecies of the D225G substitution in the hemagglutinin of pandemic influenza A(H1N1) 2009 virus from patients with severe disease in Hong Kong, China. <i>Journal of Infectious Diseases</i> , <b>2010</b> , 201, 1517-21	7	81
167	Structure-based discovery of clinically approved drugs as Zika virus NS2B-NS3 protease inhibitors that potently inhibit Zika virus infection in vitro and in vivo. <i>Antiviral Research</i> , <b>2017</b> , 145, 33-43	10.8	79



166	Genetic relatedness of the novel human group C betacoronavirus to Tylonycteris bat coronavirus HKU4 and Pipistrellus bat coronavirus HKU5. <i>Emerging Microbes and Infections</i> , <b>2012</b> , 1, e35	18.9	77
165	Metallo drug ranitidine bismuth citrate suppresses SARS-CoV-2 replication and relieves virus-associated pneumonia in Syrian hamsters. <i>Nature Microbiology</i> , <b>2020</b> , 5, 1439-1448	26.6	76
164	SARS-CoV-2 Omicron variant shows less efficient replication and fusion activity when compared with delta variant in TMPRSS2-expressed cells.. <i>Emerging Microbes and Infections</i> , <b>2021</b> , 1-18	18.9	75
163	D225G mutation in hemagglutinin of pandemic influenza H1N1 (2009) virus enhances virulence in mice. <i>Experimental Biology and Medicine</i> , <b>2010</b> , 235, 981-8	3.7	71
162	High titer and avidity of nonneutralizing antibodies against influenza vaccine antigen are associated with severe influenza. <i>Vaccine Journal</i> , <b>2012</b> , 19, 1012-8		70
161	Attenuated replication and pathogenicity of SARS-CoV-2 B.1.1.529 Omicron.. <i>Nature</i> , <b>2022</b> ,	50.4	70
160	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> , <b>2016</b> , 14, 112-122	8.8	68
159	Avian influenza A H5N1 virus: a continuous threat to humans. <i>Emerging Microbes and Infections</i> , <b>2012</b> , 1, e25	18.9	67
158	Selective Activation of Type II Interferon Signaling by Zika Virus NS5 Protein. <i>Journal of Virology</i> , <b>2017</b> , 91,	6.6	66
157	Selective functional deficit in dendritic cell-T cell interaction is a crucial mechanism in chronic hepatitis B virus infection. <i>Journal of Viral Hepatitis</i> , <b>2004</b> , 11, 217-24	3.4	64
156	Effect of clinical and virological parameters on the level of neutralizing antibody against pandemic influenza A virus H1N1 2009. <i>Clinical Infectious Diseases</i> , <b>2010</b> , 51, 274-9	11.6	63
155	Host and viral determinants for efficient SARS-CoV-2 infection of the human lung. <i>Nature Communications</i> , <b>2021</b> , 12, 134	17.4	63
154	A functional variation in CD55 increases the severity of 2009 pandemic H1N1 influenza A virus infection. <i>Journal of Infectious Diseases</i> , <b>2012</b> , 206, 495-503	7	62
153	Wild type and mutant 2009 pandemic influenza A (H1N1) viruses cause more severe disease and higher mortality in pregnant BALB/c mice. <i>PLoS ONE</i> , <b>2010</b> , 5, e13757	3.7	61
152	Oral SARS-CoV-2 Inoculation Establishes Subclinical Respiratory Infection with Virus Shedding in Golden Syrian Hamsters. <i>Cell Reports Medicine</i> , <b>2020</b> , 1, 100121	18	61
151	Clofazimine broadly inhibits coronaviruses including SARS-CoV-2. <i>Nature</i> , <b>2021</b> , 593, 418-423	50.4	61
150	Lessons learned 1 year after SARS-CoV-2 emergence leading to COVID-19 pandemic. <i>Emerging Microbes and Infections</i> , <b>2021</b> , 10, 507-535	18.9	61
149	Middle East respiratory syndrome coronavirus infection: virus-host cell interactions and implications on pathogenesis. <i>Virology Journal</i> , <b>2015</b> , 12, 218	6.1	60

148	Development and Evaluation of Novel Real-Time Reverse Transcription-PCR Assays with Locked Nucleic Acid Probes Targeting Leader Sequences of Human-Pathogenic Coronaviruses. <i>Journal of Clinical Microbiology</i> , <b>2015</b> , 53, 2722-6	9.7	59
147	A critical role of IL-17 in modulating the B-cell response during H5N1 influenza virus infection. <i>Cellular and Molecular Immunology</i> , <b>2011</b> , 8, 462-8	15.4	59
146	Carcinoembryonic Antigen-Related Cell Adhesion Molecule 5 Is an Important Surface Attachment Factor That Facilitates Entry of Middle East Respiratory Syndrome Coronavirus. <i>Journal of Virology</i> , <b>2016</b> , 90, 9114-27	6.6	56
145	Immunogenicity of intradermal trivalent influenza vaccine with topical imiquimod: a double blind randomized controlled trial. <i>Clinical Infectious Diseases</i> , <b>2014</b> , 59, 1246-55	11.6	55
144	The SARS-CoV-2 variant, Omicron, shows rapid replication in human primary nasal epithelial cultures and efficiently uses the endosomal route of entry		55
143	Cross-species transmission and emergence of novel viruses from birds. <i>Current Opinion in Virology</i> , <b>2015</b> , 10, 63-9	7.5	54
142	A broad-spectrum virus- and host-targeting peptide against respiratory viruses including influenza virus and SARS-CoV-2. <i>Nature Communications</i> , <b>2020</b> , 11, 4252	17.4	53
141	CL-385319 inhibits H5N1 avian influenza A virus infection by blocking viral entry. <i>European Journal of Pharmacology</i> , <b>2011</b> , 660, 460-7	5.3	51
140	Small interfering RNA targeting m2 gene induces effective and long term inhibition of influenza A virus replication. <i>PLoS ONE</i> , <b>2009</b> , 4, e5671	3.7	51
139	Concurrent comparison of epidemiology, clinical presentation and outcome between adult patients suffering from the pandemic influenza A (H1N1) 2009 virus and the seasonal influenza A virus infection. <i>Postgraduate Medical Journal</i> , <b>2010</b> , 86, 515-21	2	49
138	Therapeutic efficacy of hepatitis B surface antigen-antibodies-recombinant DNA composite in HBsAg transgenic mice. <i>Vaccine</i> , <b>2001</b> , 19, 4219-25	4.1	49
137	From SARS coronavirus to novel animal and human coronaviruses. <i>Journal of Thoracic Disease</i> , <b>2013</b> , 5 Suppl 2, S103-8	2.6	49
136	Defining the sizes of airborne particles that mediate influenza transmission in ferrets. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2018</b> , 115, E2386-E2392	11.5	47
135	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> , <b>2021</b> , 72, e978-e992	11.6	47
134	Increased transmission of SARS-CoV-2 lineage B.1.1.7 (VOC 2020212/01) is not accounted for by a replicative advantage in primary airway cells or antibody escape		45
133	Rhinovirus - From bench to bedside. <i>Journal of the Formosan Medical Association</i> , <b>2017</b> , 116, 496-504	3.2	43
132	The furin cleavage site of SARS-CoV-2 spike protein is a key determinant for transmission due to enhanced replication in airway cells		43
131	The lower serum immunoglobulin G2 level in severe cases than in mild cases of pandemic H1N1 2009 influenza is associated with cytokine dysregulation. <i>Vaccine Journal</i> , <b>2011</b> , 18, 305-10		42



130	Robust SARS-CoV-2 infection in nasal turbinates after treatment with systemic neutralizing antibodies. <i>Cell Host and Microbe</i> , <b>2021</b> , 29, 551-563.e5	23.4	42
129	A Large-scale Drug Repositioning Survey for SARS-CoV-2 Antivirals <b>2020</b> ,		40
128	The SARS-CoV-2 variants associated with infections in India, B.1.617, show enhanced spike cleavage by furin		40
127	Natural Transmission of Bat-like Severe Acute Respiratory Syndrome Coronavirus 2 Without Proline-Arginine-Arginine-Alanine Variants in Coronavirus Disease 2019 Patients. <i>Clinical Infectious Diseases</i> , <b>2021</b> , 73, e437-e444	11.6	39
126	Competing endogenous RNA network profiling reveals novel host dependency factors required for MERS-CoV propagation. <i>Emerging Microbes and Infections</i> , <b>2020</b> , 9, 733-746	18.9	39
125	Discovery of the FDA-approved drugs bexarotene, cetilistat, diiodohydroxyquinoline, and abiraterone as potential COVID-19 treatments with a robust two-tier screening system. <i>Pharmacological Research</i> , <b>2020</b> , 159, 104960	10.2	38
124	Recombinant adeno-associated virus expressing the receptor-binding domain of severe acute respiratory syndrome coronavirus S protein elicits neutralizing antibodies: Implication for developing SARS vaccines. <i>Virology</i> , <b>2006</b> , 353, 6-16	3.6	38
123	Quantification of Influenza Virus RNA in Aerosols in Patient Rooms. <i>PLoS ONE</i> , <b>2016</b> , 11, e0148669	3.7	38
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