

# George F Gao

## List of Publications by Citations

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**Version:** 2024-04-25

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520  
papers

66,239  
citations

84  
h-index

253  
g-index

570  
ext. papers

84,554  
ext. citations

12.9  
avg, IF

8.48  
L-index

#	Paper	IF	Citations
520	A Novel Coronavirus from Patients with Pneumonia in China, 2019. <i>New England Journal of Medicine</i> , <b>2020</b> , 382, 727-733	59.2	14511
519	Early Transmission Dynamics in Wuhan, China, of Novel Coronavirus-Infected Pneumonia. <i>New England Journal of Medicine</i> , <b>2020</b> , 382, 1199-1207	59.2	8694
518	Genomic characterisation and epidemiology of 2019 novel coronavirus: implications for virus origins and receptor binding. <i>Lancet, The</i> , <b>2020</b> , 395, 565-574	40	6394
517	A novel coronavirus outbreak of global health concern. <i>Lancet, The</i> , <b>2020</b> , 395, 470-473	40	3695
516	Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , <b>2012</b> , 8, 445-544	46.2	2783
515	Human infection with a novel avian-origin influenza A (H7N9) virus. <i>New England Journal of Medicine</i> , <b>2013</b> , 368, 1888-97	59.2	1819
514	Epidemiology, Genetic Recombination, and Pathogenesis of Coronaviruses. <i>Trends in Microbiology</i> , <b>2016</b> , 24, 490-502	12.4	1599
513	A human neutralizing antibody targets the receptor-binding site of SARS-CoV-2. <i>Nature</i> , <b>2020</b> , 584, 120-124	52.4	844
512	The crystal structures of severe acute respiratory syndrome virus main protease and its complex with an inhibitor. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2003</b> , 100, 13190-5	11.5	712
511	A noncompeting pair of human neutralizing antibodies block COVID-19 virus binding to its receptor ACE2. <i>Science</i> , <b>2020</b> , 368, 1274-1278	33.3	682
510	Highly pathogenic H5N1 influenza virus infection in migratory birds. <i>Science</i> , <b>2005</b> , 309, 1206	33.3	540
509	Cryo-EM structures of MERS-CoV and SARS-CoV spike glycoproteins reveal the dynamic receptor binding domains. <i>Nature Communications</i> , <b>2017</b> , 8, 15092	17.4	484
508	Safety and immunogenicity of an inactivated SARS-CoV-2 vaccine, BBIBP-CorV: a randomised, double-blind, placebo-controlled, phase 1/2 trial. <i>Lancet Infectious Diseases, The</i> , <b>2021</b> , 21, 39-51	25.5	480
507	Molecular basis of binding between novel human coronavirus MERS-CoV and its receptor CD26. <i>Nature</i> , <b>2013</b> , 500, 227-31	50.4	466
506	Metagenome-wide analysis of antibiotic resistance genes in a large cohort of human gut microbiota. <i>Nature Communications</i> , <b>2013</b> , 4, 2151	17.4	436
505	Origin and diversity of novel avian influenza A H7N9 viruses causing human infection: phylogenetic, structural, and coalescent analyses. <i>Lancet, The</i> , <b>2013</b> , 381, 1926-32	40	436
504	Clinical and epidemiological characteristics of a fatal case of avian influenza A H10N8 virus infection: a descriptive study. <i>Lancet, The</i> , <b>2014</b> , 383, 714-21	40	434

503	Viral targets for vaccines against COVID-19. <i>Nature Reviews Immunology</i> , <b>2021</b> , 21, 73-82	36.5	402
502	Crystal structure of the complex between human CD8alpha(alpha) and HLA-A2. <i>Nature</i> , <b>1997</b> , 387, 630-450.4	350.4	388
501	Development of an Inactivated Vaccine Candidate, BBIBP-CorV, with Potent Protection against SARS-CoV-2. <i>Cell</i> , <b>2020</b> , 182, 713-721.e9	56.2	381
500	Bat-to-human: spike features determining 'host jump' of coronaviruses SARS-CoV, MERS-CoV, and beyond. <i>Trends in Microbiology</i> , <b>2015</b> , 23, 468-78	12.4	363
499	Plasma IP-10 and MCP-3 levels are highly associated with disease severity and predict the progression of COVID-19. <i>Journal of Allergy and Clinical Immunology</i> , <b>2020</b> , 146, 119-127.e4	11.5	358
498	Standardized assays for determining the catalytic activity and kinetics of peroxidase-like nanozymes. <i>Nature Protocols</i> , <b>2018</b> , 13, 1506-1520	18.8	336
497	A Novel Coronavirus Genome Identified in a Cluster of Pneumonia Cases [Wuhan, China 2019]2020. <i>China CDC Weekly</i> , <b>2020</b> , 2, 61-62	4	329
496	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
495	Biological features of novel avian influenza A (H7N9) virus. <i>Nature</i> , <b>2013</b> , 499, 500-3	50.4	289
494	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
493	T-cell immunity of SARS-CoV: Implications for vaccine development against MERS-CoV. <i>Antiviral Research</i> , <b>2017</b> , 137, 82-92	10.8	249
492	Virus genomes reveal factors that spread and sustained the Ebola epidemic. <i>Nature</i> , <b>2017</b> , 544, 309-315	50.4	238
491	Nanozyme-strip for rapid local diagnosis of Ebola. <i>Biosensors and Bioelectronics</i> , <b>2015</b> , 74, 134-41	11.8	237
490	Duck egg-drop syndrome caused by BYD virus, a new Tembusu-related flavivirus. <i>PLoS ONE</i> , <b>2011</b> , 6, e18106	3.7	231
489	A Universal Design of Betacoronavirus Vaccines against COVID-19, MERS, and SARS. <i>Cell</i> , <b>2020</b> , 182, 722-733.e127	73.3	127
488	MERS, SARS, and Ebola: The Role of Super-Spreaders in Infectious Disease. <i>Cell Host and Microbe</i> , <b>2015</b> , 18, 398-401	23.4	224
487	Bat-derived influenza-like viruses H17N10 and H18N11. <i>Trends in Microbiology</i> , <b>2014</b> , 22, 183-91	12.4	217
486	A distinct name is needed for the new coronavirus. <i>Lancet, The</i> , <b>2020</b> , 395, 949	40	216

485	Structures and receptor binding of hemagglutinins from human-infecting H7N9 influenza viruses. <i>Science</i> , <b>2013</b> , 342, 243-7	33.3	206
484	NRAV, a long noncoding RNA, modulates antiviral responses through suppression of interferon-stimulated gene transcription. <i>Cell Host and Microbe</i> , <b>2014</b> , 16, 616-26	23.4	204
483	Structural Insights into the Niemann-Pick C1 (NPC1)-Mediated Cholesterol Transfer and Ebola Infection. <i>Cell</i> , <b>2016</b> , 165, 1467-1478	56.2	204
482	Bat origins of MERS-CoV supported by bat coronavirus HKU4 usage of human receptor CD26. <i>Cell Host and Microbe</i> , <b>2014</b> , 16, 328-37	23.4	198
481	Both Boceprevir and GC376 efficaciously inhibit SARS-CoV-2 by targeting its main protease. <i>Nature Communications</i> , <b>2020</b> , 11, 4417	17.4	195
480	Epidemiology of avian influenza A H7N9 virus in human beings across five epidemics in mainland China, 2013-17: an epidemiological study of laboratory-confirmed case series. <i>Lancet Infectious Diseases, The</i> , <b>2017</b> , 17, 822-832	25.5	194
479	Genesis, Evolution and Prevalence of H5N6 Avian Influenza Viruses in China. <i>Cell Host and Microbe</i> , <b>2016</b> , 20, 810-821	23.4	187
478	Epidemiology, Evolution, and Recent Outbreaks of Avian Influenza Virus in China. <i>Journal of Virology</i> , <b>2015</b> , 89, 8671-6	6.6	177
477	Ebola Viral Glycoprotein Bound to Its Endosomal Receptor Niemann-Pick C1. <i>Cell</i> , <b>2016</b> , 164, 258-268	56.2	165
476	Crystal structure of severe acute respiratory syndrome coronavirus spike protein fusion core. <i>Journal of Biological Chemistry</i> , <b>2004</b> , 279, 49414-9	5.4	159
475	Enabling the 'host jump': structural determinants of receptor-binding specificity in influenza A viruses. <i>Nature Reviews Microbiology</i> , <b>2014</b> , 12, 822-31	22.2	156
474	Active case finding with case management: the key to tackling the COVID-19 pandemic. <i>Lancet, The</i> , <b>2020</b> , 396, 63-70	40	155
473	Molecular determinants of human neutralizing antibodies isolated from a patient infected with Zika virus. <i>Science Translational Medicine</i> , <b>2016</b> , 8, 369ra179	17.5	152
472	Global epidemiology of avian influenza A H5N1 virus infection in humans, 1997-2015: a systematic review of individual case data. <i>Lancet Infectious Diseases, The</i> , <b>2016</b> , 16, e108-e118	25.5	152
471	Epidemiology, Evolution, and Pathogenesis of H7N9 Influenza Viruses in Five Epidemic Waves since 2013 in China. <i>Trends in Microbiology</i> , <b>2017</b> , 25, 713-728	12.4	151
470	From "A"IV to "Z"IKV: Attacks from Emerging and Re-emerging Pathogens. <i>Cell</i> , <b>2018</b> , 172, 1157-1159	56.2	149
469	Taxonomy of the order Bunyavirales: update 2019. <i>Archives of Virology</i> , <b>2019</b> , 164, 1949-1965	2.6	148
468	Single-Cell Sequencing of Peripheral Mononuclear Cells Reveals Distinct Immune Response Landscapes of COVID-19 and Influenza Patients. <i>Immunity</i> , <b>2020</b> , 53, 685-696.e3	32.3	148

467	Melatonin alleviates acute lung injury through inhibiting the NLRP3 inflammasome. <i>Journal of Pineal Research</i> , <b>2016</b> , 60, 405-14	10.4	146
466	The Bacterial Mobile Resistome Transfer Network Connecting the Animal and Human Microbiomes. <i>Applied and Environmental Microbiology</i> , <b>2016</b> , 82, 6672-6681	4.8	145
465	Safety and immunogenicity of a recombinant tandem-repeat dimeric RBD-based protein subunit vaccine (ZF2001) against COVID-19 in adults: two randomised, double-blind, placebo-controlled, phase 1 and 2 trials. <i>Lancet Infectious Diseases</i> , <b>2021</b> , 21, 1107-1119	25.5	145
464	The 2009 pandemic H1N1 neuraminidase N1 lacks the 150-cavity in its active site. <i>Nature Structural and Molecular Biology</i> , <b>2010</b> , 17, 1266-8	17.6	141
463	Zika virus NS1 structure reveals diversity of electrostatic surfaces among flaviviruses. <i>Nature Structural and Molecular Biology</i> , <b>2016</b> , 23, 456-8	17.6	134
462	Structural and Biochemical Characterization of the nsp12-nsp7-nsp8 Core Polymerase Complex from SARS-CoV-2. <i>Cell Reports</i> , <b>2020</b> , 31, 107774	10.6	130
461	An unexpected N-terminal loop in PD-1 dominates binding by nivolumab. <i>Nature Communications</i> , <b>2017</b> , 8, 14369	17.4	128
460	Dissemination of the mcr-1 colistin resistance gene. <i>Lancet Infectious Diseases</i> , <b>2016</b> , 16, 146-7	25.5	128
459	Genetic diversity and evolutionary dynamics of Ebola virus in Sierra Leone. <i>Nature</i> , <b>2015</b> , 524, 93-6	50.4	121
458	Dynamic reassortments and genetic heterogeneity of the human-infecting influenza A (H7N9) virus. <i>Nature Communications</i> , <b>2014</b> , 5, 3142	17.4	120
457	Angiotensin II plasma levels are linked to disease severity and predict fatal outcomes in H7N9-infected patients. <i>Nature Communications</i> , <b>2014</b> , 5, 3595	17.4	119
456	Molecular interactions of coreceptor CD8 and MHC class I: the molecular basis for functional coordination with the T-cell receptor. <i>Trends in Immunology</i> , <b>2000</b> , 21, 630-6		119
455	Structure of the fusion core and inhibition of fusion by a heptad repeat peptide derived from the S protein of Middle East respiratory syndrome coronavirus. <i>Journal of Virology</i> , <b>2013</b> , 87, 13134-40	6.6	118
454	A humanized neutralizing antibody against MERS-CoV targeting the receptor-binding domain of the spike protein. <i>Cell Research</i> , <b>2015</b> , 25, 1237-49	24.7	116
453	Human infections with recently-emerging highly pathogenic H7N9 avian influenza virus in China. <i>Journal of Infection</i> , <b>2017</b> , 75, 71-75	18.9	115
452	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
451	Live-animal markets and influenza A (H7N9) virus infection. <i>New England Journal of Medicine</i> , <b>2013</b> , 368, 2337-9	59.2	108
450	Diversified mcr-1-Harboring Plasmid Reservoirs Confer Resistance to Colistin in Human Gut Microbiota. <i>MBio</i> , <b>2016</b> , 7, e00177	7.8	105

449	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
448	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
447	Contribution of intertwined loop to membrane association revealed by Zika virus full-length NS1 structure. <i>EMBO Journal</i> , <b>2016</b> , 35, 2170-2178	13	99
446	Prevalent Eurasian avian-like H1N1 swine influenza virus with 2009 pandemic viral genes facilitating human infection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2020</b> , 117, 17204-17210	11.5	98
445	Mycobacterium tuberculosis suppresses innate immunity by coopting the host ubiquitin system. <i>Nature Immunology</i> , <b>2015</b> , 16, 237-45	19.1	98
444	Molecular coordination of alphabeta T-cell receptors and coreceptors CD8 and CD4 in their recognition of peptide-MHC ligands. <i>Trends in Immunology</i> , <b>2002</b> , 23, 408-13	14.4	96
443	Novel immunodominant peptide presentation strategy: a featured HLA-A*2402-restricted cytotoxic T-lymphocyte epitope stabilized by intrachain hydrogen bonds from severe acute respiratory syndrome coronavirus nucleocapsid protein. <i>Journal of Virology</i> , <b>2010</b> , 84, 11849-57	6.6	94
442	An airborne transmissible avian influenza H5 hemagglutinin seen at the atomic level. <i>Science</i> , <b>2013</b> , 340, 1463-7	33.3	92
441	Recombinant Receptor Binding Domain Protein Induces Partial Protective Immunity in Rhesus Macaques Against Middle East Respiratory Syndrome Coronavirus Challenge. <i>EBioMedicine</i> , <b>2015</b> , 2, 1438-46	8.8	87
440	H5N1 avian influenza re-emergence of Lake Qinghai: phylogenetic and antigenic analyses of the newly isolated viruses and roles of migratory birds in virus circulation. <i>Journal of General Virology</i> , <b>2008</b> , 89, 697-702	4.9	87
439	The membrane protein of severe acute respiratory syndrome coronavirus acts as a dominant immunogen revealed by a clustering region of novel functionally and structurally defined cytotoxic T-lymphocyte epitopes. <i>Journal of Infectious Diseases</i> , <b>2010</b> , 202, 1171-80	7	86
438	Crystal structure of the swine-origin A (H1N1)-2009 influenza A virus hemagglutinin (HA) reveals similar antigenicity to that of the 1918 pandemic virus. <i>Protein and Cell</i> , <b>2010</b> , 1, 459-67	7.2	85
437	Screening and identification of severe acute respiratory syndrome-associated coronavirus-specific CTL epitopes. <i>Journal of Immunology</i> , <b>2006</b> , 177, 2138-45	5.3	85
436	Influenza viral neuraminidase primes bacterial coinfection through TGF- $\beta$ -mediated expression of host cell receptors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2015</b> , 112, 238-43	11.5	83
435	Following the rule: formation of the 6-helix bundle of the fusion core from severe acute respiratory syndrome coronavirus spike protein and identification of potent peptide inhibitors. <i>Biochemical and Biophysical Research Communications</i> , <b>2004</b> , 319, 283-8	3.4	83
434	Poultry carrying H9N2 act as incubators for novel human avian influenza viruses. <i>Lancet, The</i> , <b>2014</b> , 383, 869	40	80
433	Cold-chain transportation in the frozen food industry may have caused a recurrence of COVID-19 cases in destination: Successful isolation of SARS-CoV-2 virus from the imported frozen cod package surface. <i>Biosafety and Health</i> , <b>2020</b> , 2, 199-201	4.7	80
432	Two novel reassortants of avian influenza A (H5N6) virus in China. <i>Journal of General Virology</i> , <b>2015</b> , 96, 975-981	4.9	79

431	Early Detection of Severe Acute Respiratory Syndrome Coronavirus 2 Antibodies as a Serologic Marker of Infection in Patients With Coronavirus Disease 2019. <i>Clinical Infectious Diseases</i> , <b>2020</b> , 71, 2066-2072	11.6	79
430	Bat-derived influenza hemagglutinin H17 does not bind canonical avian or human receptors and most likely uses a unique entry mechanism. <i>Cell Reports</i> , <b>2013</b> , 3, 769-78	10.6	79
429	CD8 T Cell Immune Response in Immunocompetent Mice during Zika Virus Infection. <i>Journal of Virology</i> , <b>2017</b> , 91,	6.6	79
428	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
427	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
426	Suppression of interferon lambda signaling by SOCS-1 results in their excessive production during influenza virus infection. <i>PLoS Pathogens</i> , <b>2014</b> , 10, e1003845	7.6	76
425	Structural Biology of the Zika Virus. <i>Trends in Biochemical Sciences</i> , <b>2017</b> , 42, 443-456	10.3	75
424	Human infection with influenza virus A(H10N8) from live poultry markets, China, 2014. <i>Emerging Infectious Diseases</i> , <b>2014</b> , 20, 2076-9	10.2	75
423	Immune suppression in the early stage of COVID-19 disease. <i>Nature Communications</i> , <b>2020</b> , 11, 5859	17.4	75
422	Molecular characterization of the monoclonal antibodies composing ZMAb: a protective cocktail against Ebola virus. <i>Scientific Reports</i> , <b>2014</b> , 4, 6881	4.9	74
421	The Serum Profile of Hypercytokinemia Factors Identified in H7N9-Infected Patients can Predict Fatal Outcomes. <i>Scientific Reports</i> , <b>2015</b> , 5, 10942	4.9	74
420	Structures of the SARS-CoV-2 nucleocapsid and their perspectives for drug design. <i>EMBO Journal</i> , <b>2020</b> , 39, e105938	13	74
419	The crystal structure of Zika virus NS5 reveals conserved drug targets. <i>EMBO Journal</i> , <b>2017</b> , 36, 919-933	13	72
418	Emergence and Adaptation of a Novel Highly Pathogenic H7N9 Influenza Virus in Birds and Humans from a 2013 Human-Infecting Low-Pathogenic Ancestor. <i>Journal of Virology</i> , <b>2018</b> , 92,	6.6	72
417	Structural basis of anti-PD-L1 monoclonal antibody avelumab for tumor therapy. <i>Cell Research</i> , <b>2017</b> , 27, 151-153	24.7	72
416	Generation of murine CTL by a hepatitis B virus-specific peptide and evaluation of the adjuvant effect of heat shock protein glycoprotein 96 and its terminal fragments. <i>Journal of Immunology</i> , <b>2005</b> , 174, 195-204	5.3	72
415	MERS-CoV spike protein: Targets for vaccines and therapeutics. <i>Antiviral Research</i> , <b>2016</b> , 133, 165-77	10.8	72
414	A Novel Coronavirus Genome Identified in a Cluster of Pneumonia Cases - Wuhan, China 2019-2020. <i>China CDC Weekly</i> , <b>2020</b> , 2, 61-62	4	71

413	Origin and Possible Genetic Recombination of the Middle East Respiratory Syndrome Coronavirus from the First Imported Case in China: Phylogenetics and Coalescence Analysis. <i>MBio</i> , <b>2015</b> , 6, e01280-13	7.8	70
412	Crystal Structure of the Capsid Protein from Zika Virus. <i>Journal of Molecular Biology</i> , <b>2018</b> , 430, 948-962	6.5	70
411	Enterovirus 71 and coxsackievirus A16 3C proteases: binding to rupintrivir and their substrates and anti-hand, foot, and mouth disease virus drug design. <i>Journal of Virology</i> , <b>2011</b> , 85, 10319-31	6.6	70
410	A Bat-Derived Putative Cross-Family Recombinant Coronavirus with a Reovirus Gene. <i>PLoS Pathogens</i> , <b>2016</b> , 12, e1005883	7.6	70
409	Broad host range of SARS-CoV-2 and the molecular basis for SARS-CoV-2 binding to cat ACE2. <i>Cell Discovery</i> , <b>2020</b> , 6, 68	22.3	69
408	New Threats from H7N9 Influenza Virus: Spread and Evolution of High- and Low-Pathogenicity Variants with High Genomic Diversity in Wave Five. <i>Journal of Virology</i> , <b>2018</b> , 92,	6.6	67
407	Distinct PD-L1 binding characteristics of therapeutic monoclonal antibody durvalumab. <i>Protein and Cell</i> , <b>2018</b> , 9, 135-139	7.2	66
406	Structure of measles virus hemagglutinin bound to its epithelial receptor nectin-4. <i>Nature Structural and Molecular Biology</i> , <b>2013</b> , 20, 67-72	17.6	66
405	Binding of herpes simplex virus glycoprotein D to nectin-1 exploits host cell adhesion. <i>Nature Communications</i> , <b>2011</b> , 2, 577	17.4	66
404	A Mycobacterium tuberculosis surface protein recruits ubiquitin to trigger host xenophagy. <i>Nature Communications</i> , <b>2019</b> , 10, 1973	17.4	65
403	The recombinant N-terminal domain of spike proteins is a potential vaccine against Middle East respiratory syndrome coronavirus (MERS-CoV) infection. <i>Vaccine</i> , <b>2017</b> , 35, 10-18	4.1	64
402	Tailoring subunit vaccine immunity with adjuvant combinations and delivery routes using the Middle East respiratory coronavirus (MERS-CoV) receptor-binding domain as an antigen. <i>PLoS ONE</i> , <b>2014</b> , 9, e112602	3.7	64
401	Low Protective Efficacy of the Current Japanese Encephalitis Vaccine against the Emerging Genotype 5 Japanese Encephalitis Virus. <i>PLoS Neglected Tropical Diseases</i> , <b>2016</b> , 10, e0004686	4.8	63
400	MERS in South Korea and China: a potential outbreak threat?. <i>Lancet, The</i> , <b>2015</b> , 385, 2349-50	4.0	62
399	Insights into battles between Mycobacterium tuberculosis and macrophages. <i>Protein and Cell</i> , <b>2014</b> , 5, 728-36	7.2	62
398	Transport of influenza virus neuraminidase (NA) to host cell surface is regulated by ARHGAP21 and Cdc42 proteins. <i>Journal of Biological Chemistry</i> , <b>2012</b> , 287, 9804-9816	5.4	62
397	Two-mAb cocktail protects macaques against the Makona variant of Ebola virus. <i>Science Translational Medicine</i> , <b>2016</b> , 8, 329ra33	17.5	62
396	Assessment of the internal genes of influenza A (H7N9) virus contributing to high pathogenicity in mice. <i>Journal of Virology</i> , <b>2015</b> , 89, 2-13	6.6	60



395	Structures of phlebovirus glycoprotein Gn and identification of a neutralizing antibody epitope. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2017</b> , 114, E7564-E7573	11.5	58
394	A motif in LILRB2 critical for Angptl2 binding and activation. <i>Blood</i> , <b>2014</b> , 124, 924-35	2.2	57
393	H7N9: a low pathogenic avian influenza A virus infecting humans. <i>Current Opinion in Virology</i> , <b>2014</b> , 5, 91-7	7.5	56
392	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
391	Cryo-EM Structure of the African Swine Fever Virus. <i>Cell Host and Microbe</i> , <b>2019</b> , 26, 836-843.e3	23.4	56
390	Recombinant Chimpanzee Adenovirus Vaccine AdC7-M/E Protects against Zika Virus Infection and Testis Damage. <i>Journal of Virology</i> , <b>2018</b> , 92,	6.6	55
389	An Open Receptor-Binding Cavity of Hemagglutinin-Esterase-Fusion Glycoprotein from Newly-Identified Influenza D Virus: Basis for Its Broad Cell Tropism. <i>PLoS Pathogens</i> , <b>2016</b> , 12, e1005411	7.6	55
388	Intra-host dynamics of Ebola virus during 2014. <i>Nature Microbiology</i> , <b>2016</b> , 1, 16151	26.6	54
387	Crystal structure of swine major histocompatibility complex class I SLA-1 0401 and identification of 2009 pandemic swine-origin influenza A H1N1 virus cytotoxic T lymphocyte epitope peptides. <i>Journal of Virology</i> , <b>2011</b> , 85, 11709-24	6.6	54
386	The Effects of Socioeconomic and Environmental Factors on the Incidence of Dengue Fever in the Pearl River Delta, China, 2013. <i>PLoS Neglected Tropical Diseases</i> , <b>2015</b> , 9, e0004159	4.8	53
385	Preliminary Epidemiologic Assessment of Human Infections With Highly Pathogenic Avian Influenza A(H5N6) Virus, China. <i>Clinical Infectious Diseases</i> , <b>2017</b> , 65, 383-388	11.6	52
384	Robust expression of vault RNAs induced by influenza A virus plays a critical role in suppression of PKR-mediated innate immunity. <i>Nucleic Acids Research</i> , <b>2015</b> , 43, 10321-37	20.1	52
383	Differences in the Epidemiology of Human Cases of Avian Influenza A(H7N9) and A(H5N1) Viruses Infection. <i>Clinical Infectious Diseases</i> , <b>2015</b> , 61, 563-71	11.6	52
382	Tumor cell-intrinsic PD-1 receptor is a tumor suppressor and mediates resistance to PD-1 blockade therapy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2020</b> , 117, 6640-6650	11.5	51
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