

George F Gao

List of Publications by Year in Descending Order

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

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	Target-Based Virtual Screening and LC/MS-Guided Isolation Procedure for Identifying Phloroglucinol-Terpenoid Inhibitors of SARS-CoV-2.. <i>Journal of Natural Products</i> , 2022 ,	4.9	2
519	SNX27 suppresses SARS-CoV-2 infection by inhibiting viral lysosome/late endosome entry.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022 , 119,	11.5	7
518	Receptor binding and complex structures of human ACE2 to spike RBD from omicron and delta SARS-CoV-2.. <i>Cell</i> , 2022 ,	56.2	48
517	A binding-enhanced but enzymatic activity-eliminated human ACE2 efficiently neutralizes SARS-CoV-2 variants.. <i>Signal Transduction and Targeted Therapy</i> , 2022 , 7, 10	21	0
516	Effects of a Prolonged Booster Interval on Neutralization of Omicron Variant.. <i>New England Journal of Medicine</i> , 2022 ,	59.2	15
515	A COVID-19 T-Cell Response Detection Method Based on a Newly Identified Human CD8 T Cell Epitope from SARS-CoV-2 - Hubei Province, China, 2021.. <i>China CDC Weekly</i> , 2022 , 4, 83-87	4	0
514	SARS-CoV-2 transmissibility compared between variants of concern and vaccination status.. <i>Briefings in Bioinformatics</i> , 2022 ,	13.4	2
513	Powassan virus: a tick borne flavivirus infecting humans. <i>Biosafety and Health</i> , 2022 , 4, 30-30	4.7	0
512	Etiological and epidemiological features of acute meningitis or encephalitis in China: a nationwide active surveillance study.. <i>The Lancet Regional Health - Western Pacific</i> , 2022 , 20, 100361	5	3
511	Nasal delivery of thermostable and broadly neutralizing antibodies protects mice against SARS-CoV-2 infection.. <i>Signal Transduction and Targeted Therapy</i> , 2022 , 7, 55	21	2
510	A tandem-repeat dimeric RBD protein-based COVID-19 vaccine ZF2001 protects mice and nonhuman primates.. <i>Emerging Microbes and Infections</i> , 2022 , 1-39	18.9	5
509	Long-Lasting Virus-Specific T Cell Response with Divergent Features in Self-Resolved and Chronic Hepatitis C Virus Patients 35 Years Postinfection.. <i>ImmunoHorizons</i> , 2022 , 6, 191-201	2.7	
508	PD-1 N58-Glycosylation-Dependent Binding of Monoclonal Antibody Cemiplimab for Immune Checkpoint Therapy.. <i>Frontiers in Immunology</i> , 2022 , 13, 826045	8.4	2
507	Exploration of immunological responses underpinning severe fever with thrombocytopenia syndrome virus infection reveals IL-6 as a therapeutic target in an immunocompromised mouse model. 2022 , 1, pgac024		0
506	Heterologous BBIBP-CorV/ZF2001 vaccination augments neutralization against SARS-CoV-2 variants: A preliminary observation.. <i>The Lancet Regional Health - Western Pacific</i> , 2022 , 21, 100440	5	0
505	Phosphosite-dependent presentation of dual phosphorylated peptides by MHC class I molecules.. <i>IScience</i> , 2022 , 25, 104013	6.1	
504	The "Wolf" Is Indeed Coming: Recombinant "Deltacron" SARS-CoV-2 Detected.. <i>China CDC Weekly</i> , 2022 , 4, 285-287	4	3

503	Novel Insights Into the Sulfated Glucuronic Acid-Based Anti-SARS-CoV-2 Mechanism of Exopolysaccharides From Halophilic Archaeon .. <i>Frontiers in Chemistry</i> , 2022 , 10, 871509	5	0
502	Protective prototype-Beta and Delta-Omicron chimeric RBD-dimer vaccines against SARS-CoV-2.. <i>Cell</i> , 2022 ,	56.2	8
501	Transcriptome profiling in swine macrophages infected with African swine fever virus at single-cell resolution.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022 , 119, e2201288119	11.5	4
500	Efficacy and Safety of the RBD-Dimer-Based Covid-19 Vaccine ZF2001 in Adults.. <i>New England Journal of Medicine</i> , 2022 ,	59.2	21
499	Epidemiological and Clinical Characteristics of Respiratory Syncytial Virus Infections in Children Aged ≤ 5 Years in China, from 2014-2018. <i>Vaccines</i> , 2022 , 10, 810	5.3	0
498	Safety and immunogenicity of heterologous boost immunization with an adenovirus type-5-vectored and protein-subunit-based COVID-19 vaccine (Convidecia/ZF2001): A randomized, observer-blinded, placebo-controlled trial. <i>PLoS Medicine</i> , 2022 , 19, e1003953	11.6	3
497	The emergence, genomic diversity and global spread of SARS-CoV-2. <i>Nature</i> , 2021 ,	50.4	42
496	Molecular basis of pangolin ACE2 engaged by COVID-19 virus. <i>Chinese Science Bulletin</i> , 2021 , 66, 73-84	2.9	3
495	Landscapes and dynamic diversifications of B-cell receptor repertoires in COVID-19 patients. <i>Human Immunology</i> , 2021 , 83, 119-119	2.3	3
494	Establishment of human distal lung organoids for SARS-CoV-2 infection. <i>Cell Discovery</i> , 2021 , 7, 108	22.3	1
493	Machine Learning Approach Effectively Predicts Binding Between SARS-CoV-2 Spike and ACE2 Across Mammalian Species - Worldwide, 2021. <i>China CDC Weekly</i> , 2021 , 3, 967-972	4	0
492	Immune response pattern across the asymptomatic, symptomatic and convalescent periods of COVID-19. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2021 , 1870, 140736	4	2
491	Metagenome-assembled genomes and gene catalog from the chicken gut microbiome aid in deciphering antibiotic resistomes. <i>Communications Biology</i> , 2021 , 4, 1305	6.7	3
490	Changes in notifiable infectious disease incidence in China during the COVID-19 pandemic. <i>Nature Communications</i> , 2021 , 12, 6923	17.4	6
489	Rapid and sustained containment of covid-19 is achievable and worthwhile: implications for pandemic response. <i>BMJ, The</i> , 2021 , 375, e066169	5.9	3
488	Mooring stone-like Arg pulls diverse bulged peptides: first insight into African swine fever virus-derived T cell epitopes presented by swine MHC class I. <i>Journal of Virology</i> , 2021 , JVI0137821	6.6	0
487	COVID-19 Expands Its Territories from Humans to Animals. <i>China CDC Weekly</i> , 2021 , 3, 855-858	4	6
486	Eleven COVID-19 Outbreaks with Local Transmissions Caused by the Imported SARS-CoV-2 Delta VOC - China, July-August, 2021. <i>China CDC Weekly</i> , 2021 , 3, 863-868	4	9

485	Molecular insights into receptor binding of recent emerging SARS-CoV-2 variants. <i>Nature Communications</i> , 2021 , 12, 6103	17.4	24
484	Cross-species recognition of SARS-CoV-2 to bat ACE2. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	32
483	Spatiotemporal visualization for the global COVID-19 surveillance by balloon chart. <i>Infectious Diseases of Poverty</i> , 2021 , 10, 21	10.4	2
482	ADAM17 is an essential attachment factor for classical swine fever virus. <i>PLoS Pathogens</i> , 2021 , 17, e1009393	9.3	3
481	Antibody seroprevalence in the epicenter Wuhan, Hubei, and six selected provinces after containment of the first epidemic wave of COVID-19 in China. <i>The Lancet Regional Health - Western Pacific</i> , 2021 , 8, 100094	5	21
480	Comparative genomic analysis of mobile colistin resistance gene mcr-9 in <i>Salmonella enterica</i> . <i>Journal of Infection</i> , 2021 , 82, e15-e17	18.9	2
479	Comprehensive large-scale nucleic acid-testing strategies support China's sustained containment of COVID-19. <i>Nature Medicine</i> , 2021 , 27, 740-742	50.5	28
478	Retraction notice to "Diurnal rhythm disruptions induced by chronic unpredictable stress relate to depression-like behaviors in rats" [Pharmacol. Biochem. Behav. 194 (2020) 172939]. <i>Pharmacology Biochemistry and Behavior</i> , 2021 , 203, 173130	3.9	
477	Avian influenza A (H7N9) virus: from low pathogenic to highly pathogenic. <i>Frontiers of Medicine</i> , 2021 , 15, 507-527	12	8
476	Etiological, epidemiological, and clinical features of acute diarrhea in China. <i>Nature Communications</i> , 2021 , 12, 2464	17.4	15
475	Serum sample neutralisation of BBIBP-CorV and ZF2001 vaccines to SARS-CoV-2 501Y.V2. <i>Lancet Microbe</i> , 2021 , 2, e285	22.2	36
474	Risk Factors for Death Among the First 80 543 COVID-19 Cases in China: Relationships Between Age, Underlying Disease, Case Severity, and Region. <i>Clinical Infectious Diseases</i> , 2021 ,	11.6	2
473	Diurnal rhythm disruptions induced by chronic unpredictable stress relate to depression-like behaviors in rats. <i>Pharmacology Biochemistry and Behavior</i> , 2021 , 204, 173156	3.9	0
472	Identification of antibiotic resistance genes and associated mobile genetic elements in permafrost. <i>Science China Life Sciences</i> , 2021 , 1	8.5	2
471	NF- κ B pathway genes expression in chicken erythrocytes infected with avian influenza virus subtype H9N2. <i>British Poultry Science</i> , 2021 , 62, 666-671	1.9	3
470	Emerging H5N8 avian influenza viruses. <i>Science</i> , 2021 , 372, 784-786	33.3	20
469	Mycobacterium tuberculosis protein kinase G acts as an unusual ubiquitinating enzyme to impair host immunity. <i>EMBO Reports</i> , 2021 , 22, e52175	6.5	5
468	Impact of COVID-19 outbreaks and interventions on influenza in China and the United States. <i>Nature Communications</i> , 2021 , 12, 3249	17.4	33

467	Molecular basis of cross-species ACE2 interactions with SARS-CoV-2-like viruses of pangolin origin. <i>EMBO Journal</i> , 2021 , 40, e107786	13	13
466	Cryo-EM structures of Lassa and Machupo virus polymerases complexed with cognate regulatory Z proteins identify targets for antivirals. <i>Nature Microbiology</i> , 2021 , 6, 921-931	26.6	6
465	Binding and molecular basis of the bat coronavirus RaTG13 virus to ACE2 in humans and other species. <i>Cell</i> , 2021 , 184, 3438-3451.e10	56.2	30
464	Distinct durability of IgM/IgG antibody responses in COVID-19 patients with differing severity. <i>Science China Life Sciences</i> , 2021 , 1	8.5	2
463	One Hundred Days of Coronavirus Disease 2019 Prevention and Control in China. <i>Clinical Infectious Diseases</i> , 2021 , 72, 332-339	11.6	25
462	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</i> , 2021 , 21, 39-51	25.5	480
461	Crystal structure of the African swine fever virus core shell protein p15. <i>Biosafety and Health</i> , 2021 , 3, 116-123	4.7	1
460	Viral targets for vaccines against COVID-19. <i>Nature Reviews Immunology</i> , 2021 , 21, 73-82	36.5	402
459	A broadly protective antibody that targets the flavivirus NS1 protein. <i>Science</i> , 2021 , 371, 190-194	33.3	25
458	Long Distance Transmission of SARS-CoV-2 from Contaminated Cold Chain Products to Humans - Qingdao City, Shandong Province, China, September 2020. <i>China CDC Weekly</i> , 2021 , 3, 637-644	4	3
457	Critical role of Syk-dependent STAT1 activation in innate antiviral immunity. <i>Cell Reports</i> , 2021 , 34, 108627.6	17.6	13
456	One-year sustained cellular and humoral immunities of COVID-19 convalescents. <i>Clinical Infectious Diseases</i> , 2021 ,	11.6	14
455	Five Independent Cases of Human Infection with Avian Influenza H5N6 - Sichuan Province, China, 2021. <i>China CDC Weekly</i> , 2021 , 3, 751-756	4	8
454	Spatial Analysis of People Living with HIV/AIDS Transmitted Through Commercial Heterosexual Contact or Non-Marital Non-Commercial Heterosexual Contact - China, 2018. <i>China CDC Weekly</i> , 2021 , 3, 316-319	4	1
453	Interpretation of the Protocol for Prevention and Control of COVID-19 in China (Edition 8). <i>China CDC Weekly</i> , 2021 , 3, 527-530	4	10
452	Re-emergence of H5N8 highly pathogenic avian influenza virus in wild birds, China. <i>Emerging Microbes and Infections</i> , 2021 , 10, 1819-1823	18.9	4
451	Demographic features of identified PLWHA infected through commercial and nonmarital noncommercial heterosexual contact in China from 2015 to 2018: a retrospective cross-sectional study. <i>BMC Infectious Diseases</i> , 2021 , 21, 71	4	2
450	A single-dose mRNA vaccine provides a long-term protection for hACE2 transgenic mice from SARS-CoV-2. <i>Nature Communications</i> , 2021 , 12, 776	17.4	26

449	Downregulated miR-451a as a feature of the plasma cfRNA landscape reveals regulatory networks of IL-6/IL-6R-associated cytokine storms in COVID-19 patients. <i>Cellular and Molecular Immunology</i> , 2021 , 18, 1064-1066	15.4	8
448	Structural basis for the inhibition of the SARS-CoV-2 main protease by the anti-HCV drug nardaparvir. <i>Signal Transduction and Targeted Therapy</i> , 2021 , 6, 51	21	7
447	Myocarditis and heart function impairment occur in neonatal mice following in utero exposure to the Zika virus. <i>Journal of Cellular and Molecular Medicine</i> , 2021 , 25, 2730-2733	5.6	1
446	Susceptibility and Attenuated Transmissibility of SARS-CoV-2 in Domestic Cats. <i>Journal of Infectious Diseases</i> , 2021 , 223, 1313-1321	7	28
445	mRNA vaccines: A matter of delivery. <i>EclinicalMedicine</i> , 2021 , 32, 100746	11.3	13
444	Recombinant SARS-CoV-2 RBD with a built in T helper epitope induces strong neutralization antibody response. <i>Vaccine</i> , 2021 , 39, 1241-1247	4.1	8
443	Two immunogenic recombinant protein vaccine candidates showed disparate protective efficacy against Zika virus infection in rhesus macaques. <i>Vaccine</i> , 2021 , 39, 915-925	4.1	0
442	Asymptomatic SARS-CoV-2 Infections Among Persons Entering China From April 16 to October 12, 2020. <i>JAMA - Journal of the American Medical Association</i> , 2021 , 325, 489-492	27.4	20
441	The molecular basis for SARS-CoV-2 binding to dog ACE2. <i>Nature Communications</i> , 2021 , 12, 4195	17.4	17
440	Protective Zika vaccines engineered to eliminate enhancement of dengue infection via immunodominance switch. <i>Nature Immunology</i> , 2021 , 22, 958-968	19.1	4
439	Mobile Colistin Resistance Enzyme MCR-3 Facilitates Bacterial Evasion of Host Phagocytosis. <i>Advanced Science</i> , 2021 , 8, e2101336	13.6	2
438	Overview of SARS-CoV-2 genome-encoded proteins. <i>Science China Life Sciences</i> , 2021 , 1	8.5	11
437	Lessons Learnt From the COVID-19 Pandemic. <i>Frontiers in Public Health</i> , 2021 , 9, 694705	6	4
436	O-glycosylation pattern of the SARS-CoV-2 spike protein reveals an "O-Follow-N" rule. <i>Cell Research</i> , 2021 , 31, 1123-1125	24.7	19
435	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> , 2021 , 21, 1107-1119	25.5	145
434	Assessing the extent of community spread caused by mink-derived SARS-CoV-2 variants. <i>Innovation(China)</i> , 2021 , 2, 100128	17.8	5
433	More diversified antibiotic resistance genes in chickens and workers of the live poultry markets. <i>Environment International</i> , 2021 , 153, 106534	12.9	11
432	Structural basis of malarial parasite RIFIN-mediated immune escape against LAIR1. <i>Cell Reports</i> , 2021 , 36, 109600	10.6	1

431	Etiological and epidemiological features of acute respiratory infections in China. <i>Nature Communications</i> , 2021 , 12, 5026	17.4	12
430	A Novel Potentially Recombinant Rodent Coronavirus with a Polybasic Cleavage Site in the Spike Protein. <i>Journal of Virology</i> , 2021 , 95, e0117321	6.6	6
429	Three Novel Avastroviruses Identified in Dead Wild Crows. <i>Virologica Sinica</i> , 2021 , 1	6.4	
428	ERASE: a novel nucleic-acid based antiviral mechanism. <i>Cell Research</i> , 2021 , 31, 1142-1143	24.7	
427	Mechanism of Microbial Metabolite Leupeptin in the Treatment of COVID-19 by Traditional Chinese Medicine Herbs. <i>MBio</i> , 2021 , 12, e0222021	7.8	5
426	Tracing the origins of SARS-CoV-2: lessons learned from the past. <i>Cell Research</i> , 2021 , 31, 1139-1141	24.7	7
425	Safety and immunogenicity of an inactivated COVID-19 vaccine, BBIBP-CorV, in people younger than 18 years: a randomised, double-blind, controlled, phase 1/2 trial. <i>Lancet Infectious Diseases, The</i> , 2021 ,	25.5	45
424	Atypical TNF-TNFR superfamily binding interface in the G1TR-G1TRL complex for T cell activation. <i>Cell Reports</i> , 2021 , 36, 109734	10.6	1
423	Virome of bat-infesting arthropods: highly divergent viruses in different vectors. <i>Journal of Virology</i> , 2021 , JVI0146421	6.6	6
422	Humoral and cellular immunity and the safety of COVID-19 vaccines: a summary of data published by 21 May 2021. <i>International Immunology</i> , 2021 , 33, 529-540	4.9	5
421	The origins of viruses: discovery takes time, international resources, and cooperation. <i>Lancet, The</i> , 2021 , 398, 1401-1402	40	2
420	Peptide Presentations of Marsupial MHC Class I Visualize Immune Features of Lower Mammals Paralleled with Bats. <i>Journal of Immunology</i> , 2021 , 207, 2167-2178	5.3	0
419	Cell entry by SARS-CoV-2. <i>Trends in Biochemical Sciences</i> , 2021 , 46, 848-860	10.3	34
418	Neutralisation of ZF2001-elicited antisera to SARS-CoV-2 variants. <i>Lancet Microbe, The</i> , 2021 , 2, e494	22.2	16
417	Potent inhibition of Severe Acute Respiratory Syndrome Coronavirus 2 by photosensitizers compounds. <i>Dyes and Pigments</i> , 2021 , 194, 109570	4.6	2
416	The changing pattern of enteric pathogen infections in China during the COVID-19 pandemic: a nation-wide observational study. <i>The Lancet Regional Health - Western Pacific</i> , 2021 , 16, 100268	5	7
415	Recombinant chimpanzee adenovirus AdC7 expressing dimeric tandem-repeat spike protein RBD protects mice against COVID-19. <i>Emerging Microbes and Infections</i> , 2021 , 10, 1574-1588	18.9	3
414	Heterologous prime-boost immunizations with chimpanzee adenoviral vectors elicit potent and protective immunity against SARS-CoV-2 infection.. <i>Cell Discovery</i> , 2021 , 7, 123	22.3	2

413	N-glycosylation of PD-1 promotes binding of camrelizumab. <i>EMBO Reports</i> , 2020 , 21, e51444	6.5	14
412	Immune restoration in HIV-1-infected patients after 12 years of antiretroviral therapy: a real-world observational study. <i>Emerging Microbes and Infections</i> , 2020 , 9, 2550-2561	18.9	9
411	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> , 2020 , 146, 119-127.e4	11.5	358
410	Diversity and abundance of resistome in rhizosphere soil. <i>Science China Life Sciences</i> , 2020 , 63, 1946-1948.5	1	
409	A noncompeting pair of human neutralizing antibodies block COVID-19 virus binding to its receptor ACE2. <i>Science</i> , 2020 , 368, 1274-1278	33.3	682
408	Combining metagenomics and metatranscriptomics to study human, animal and environmental resistomes. <i>Medicine in Microecology</i> , 2020 , 3, 100014	4.3	4
407	Structural basis of HCoV-19 fusion core and an effective inhibition peptide against virus entry. <i>Emerging Microbes and Infections</i> , 2020 , 9, 1238-1241	18.9	12
406	Structural and Biochemical Characterization of the nsp12-nsp7-nsp8 Core Polymerase Complex from SARS-CoV-2. <i>Cell Reports</i> , 2020 , 31, 107774	10.6	130
405	Development of an Inactivated Vaccine Candidate, BBIBP-CorV, with Potent Protection against SARS-CoV-2. <i>Cell</i> , 2020 , 182, 713-721.e9	56.2	381
404	Transfer cells mediate nitrate uptake to control root nodule symbiosis. <i>Nature Plants</i> , 2020 , 6, 800-808	11.5	14
403	Active case finding with case management: the key to tackling the COVID-19 pandemic. <i>Lancet, The</i> , 2020 , 396, 63-70	40	155
402	Structural insight into arenavirus replication machinery. <i>Nature</i> , 2020 , 579, 615-619	50.4	23
401	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> , 2020 , 117, 6640-6650	11.5	51
400	Integrated metagenomic and metatranscriptomic profiling reveals differentially expressed resistomes in human, chicken, and pig gut microbiomes. <i>Environment International</i> , 2020 , 138, 105649	12.9	21
399	Metagenomic analysis reveals the microbiome and resistome in migratory birds. <i>Microbiome</i> , 2020 , 8, 26	16.6	49
398	A Universal Design of Betacoronavirus Vaccines against COVID-19, MERS, and SARS. <i>Cell</i> , 2020 , 182, 722-733.e127	36.3	127
397	Recombinant SARS-CoV-2 spike S1-Fc fusion protein induced high levels of neutralizing responses in nonhuman primates. <i>Vaccine</i> , 2020 , 38, 5653-5658	4.1	34
396	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> , 2020 , 117, 17204-17210	11.5	98

395	A distinct name is needed for the new coronavirus. <i>Lancet, The</i> , 2020 , 395, 949	40	216
394	A novel coronavirus outbreak of global health concern. <i>Lancet, The</i> , 2020 , 395, 470-473	40	3695
393	A Novel Coronavirus from Patients with Pneumonia in China, 2019. <i>New England Journal of Medicine</i> , 2020 , 382, 727-733	59.2	14511
392	Comparative genomic analysis reveals an 'open' pan-genome of African swine fever virus. <i>Transboundary and Emerging Diseases</i> , 2020 , 67, 1553-1562	4.2	11
391	Genomic characterisation and epidemiology of 2019 novel coronavirus: implications for virus origins and receptor binding. <i>Lancet, The</i> , 2020 , 395, 565-574	40	6394
390	Early Transmission Dynamics in Wuhan, China, of Novel Coronavirus-Infected Pneumonia. <i>New England Journal of Medicine</i> , 2020 , 382, 1199-1207	59.2	8694
389	Structural Analysis of Rabies Virus Glycoprotein Reveals pH-Dependent Conformational Changes and Interactions with a Neutralizing Antibody. <i>Cell Host and Microbe</i> , 2020 , 27, 441-453.e7	23.4	18
388	Adaption and parallel evolution of human-isolated H5 avian influenza viruses. <i>Journal of Infection</i> , 2020 , 80, 630-638	18.9	4
387	The structural basis of African swine fever virus pA104R binding to DNA and its inhibition by stilbene derivatives. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 11000-11009	11.5	13
386	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> , 2020 , 71, 2066-2072 ¹¹⁶ 79	11.6	79
385	CRISPR-Cas13 Inhibitors Block RNA Editing in Bacteria and Mammalian Cells. <i>Molecular Cell</i> , 2020 , 78, 850-861.e5	17.6	32
384	Molecular Basis of Binding between Middle East Respiratory Syndrome Coronavirus and CD26 from Seven Bat Species. <i>Journal of Virology</i> , 2020 , 94,	6.6	12
383	Molecular and structural basis of Echovirus 11 infection by using the dual-receptor system of CD55 and FcRn. <i>Chinese Science Bulletin</i> , 2020 , 65, 67-79	2.9	5
382	Structures of the SARS-CoV-2 nucleocapsid and their perspectives for drug design. <i>EMBO Journal</i> , 2020 , 39, e105938	13	74
381	Recent Trends and Challenges with COVID-19 - Africa, April 4, 2020. <i>China CDC Weekly</i> , 2020 , 2, 365-369	4	2
380	Diurnal rhythm disruptions induced by chronic unpredictable stress relate to depression-like behaviors in rats. <i>Pharmacology Biochemistry and Behavior</i> , 2020 , 194, 172939	3.9	0
379	A Novel Coronavirus Genome Identified in a Cluster of Pneumonia Cases - Wuhan, China 2019-2020. <i>China CDC Weekly</i> , 2020 , 2, 61-62	4	71
378	Description of the First Strain of 2019-nCoV, C-Tan-nCoV Wuhan Strain - National Pathogen Resource Center, China, 2020. <i>China CDC Weekly</i> , 2020 , 2, 81-82	4	3

377	Wearing Face Masks - the Simple and Effective Way to Block the Infection Source of COVID-19. <i>China CDC Weekly</i> , 2020 , 2, 268-269	4	3
376	Epidemiologic Changes of Scrub Typhus in China, 1952-2016. <i>Emerging Infectious Diseases</i> , 2020 , 26, 1091-1101	11	10
375	The Genome Resequencing of TCR Loci in Revealed Their Distinct Evolutionary Features in Avians. <i>ImmunoHorizons</i> , 2020 , 4, 33-46	2.7	7
374	A Novel Coronavirus Genome Identified in a Cluster of Pneumonia Cases [Wuhan, China 2019-2020. <i>China CDC Weekly</i> , 2020 , 2, 61-62	4	329
373	Description of the First Strain of 2019-nCoV, C-Tan-nCoV Wuhan Strain [National Pathogen Resource Center, China, 2020. <i>China CDC Weekly</i> , 2020 , 2, 81-82	4	13
372	Wearing Face Masks [the Simple and Effective Way to Block the Infection Source of COVID-19. <i>China CDC Weekly</i> , 2020 , 2, 268-269	4	6
371	The Initial Case of COVID-19 - Shulan City, Jilin Province, China, May 8, 2020. <i>China CDC Weekly</i> , 2020 , 2, 458-459	4	6
370	Fighting Against COVID-19 at the Community Level - Wuhan City, Hubei Province, China, 2020. <i>China CDC Weekly</i> , 2020 , 2, 463-466	4	1
369	A Reemergent Case of COVID-19 - Harbin City, Heilongjiang Province, China, April 9, 2020. <i>China CDC Weekly</i> , 2020 , 2, 460-462	4	5
368	Reemergent Cases of COVID-19 - Xinfadi Wholesales Market, Beijing Municipality, China, June 11, 2020. <i>China CDC Weekly</i> , 2020 , 2, 502-504	4	16
367	Interpretation of the Protocol for Prevention and Control of COVID-19 in China (Edition 7). <i>China CDC Weekly</i> , 2020 , 2, 902-905	4	3
366	Epidemiological Model Suggests D614G Spike Protein Mutation Accelerates Transmission of COVID-19 - Worldwide, 2020. <i>China CDC Weekly</i> , 2020 , 2, 946-947	4	4
365	Detection of mobile colistin resistance gene mcr-9 in carbapenem-resistant <i>Klebsiella pneumoniae</i> strains of human origin in Europe. <i>Journal of Infection</i> , 2020 , 80, 578-606	18.9	22
364	Metagenomic analysis reveals the abundance and diversity of ARGs in children's respiratory tract microbiomes. <i>Journal of Infection</i> , 2020 , 80, 232-254	18.9	2
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8	A non-competing pair of human neutralizing antibodies block COVID-19 virus binding to its receptor ACE2		13
7	Safety and immunogenicity of a recombinant tandem-repeat dimeric RBD protein vaccine against COVID-19 in adults: pooled analysis of two randomized, double-blind, placebo-controlled, phase 1 and 2 trials		13
6	Landscapes and dynamic diversifications of B-cell receptor repertoires in COVID-19 patients		1
5	A tandem-repeat dimeric RBD protein-based COVID-19 vaccine ZF2001 protects mice and nonhuman primates		5
4	Comparative evaluation of the transmissibility of SARS-CoV-2 variants of concern		1
3	Neutralization of SARS-CoV-2 VOC 501Y.V2 by human antisera elicited by both inactivated BBIBP-CorV and recombinant dimeric RBD ZF2001 vaccines		37
2	Neutralization of recombinant RBD-subunit vaccine ZF2001-elicited antisera to SARS-CoV-2 variants including Delta		6
1	Peptide Inhibitors Targeting Virus-Cell Fusion in Class I Enveloped Viruses	226-246	6