

Jasper Fuk-Woo Chan

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.

308 papers	31,087 citations	72 h-index	173 g-index
333 ext. papers	39,946 ext. citations	11.8 avg, IF	7.59 L-index

#	Paper	IF	Citations
308	Attenuated replication and pathogenicity of SARS-CoV-2 B.1.1.529 Omicron.. <i>Nature</i> , 2022 ,	50.4	70
307	Peptide-based pan-CoV fusion inhibitors maintain high potency against SARS-CoV-2 Omicron variant.. <i>Cell Research</i> , 2022 ,	24.7	6
306	Age-associated SARS-CoV-2 breakthrough infection and changes in immune response in mouse model.. <i>Emerging Microbes and Infections</i> , 2022 , 1-36	18.9	1
305	hnRNP C modulates MERS-CoV and SARS-CoV-2 replication by governing the expression of a subset of circRNAs and cognitive mRNAs.. <i>Emerging Microbes and Infections</i> , 2022 , 1-39	18.9	1
304	Orally administered bismuth drug together with -acetyl cysteine as a broad-spectrum anti-coronavirus cocktail therapy.. <i>Chemical Science</i> , 2022 , 13, 2238-2248	9.4	2
303	Multiplex metal-detection based assay (MMDA) for COVID-19 diagnosis and identification of disease severity biomarkers.. <i>Chemical Science</i> , 2022 , 13, 3216-3226	9.4	2
302	A pan-sarbecovirus vaccine induces highly potent and durable neutralizing antibody responses in non-human primates against SARS-CoV-2 Omicron variant.. <i>Cell Research</i> , 2022 ,	24.7	2
301	Probable Animal-to-Human Transmission of SARS-CoV-2 Delta Variant AY.127 Causing a Pet Shop-Related COVID-19 Outbreak in Hong Kong.. <i>Clinical Infectious Diseases</i> , 2022 ,	11.6	3
300	Antibody evasion properties of SARS-CoV-2 Omicron sublineages.. <i>Nature</i> , 2022 ,	50.4	88
299	Fusion-inhibition peptide broadly inhibits influenza virus and SARS-CoV-2 including Delta and Omicron variants.. <i>Emerging Microbes and Infections</i> , 2022 , 1-27	18.9	2
298	Targeting papain-like protease for broad-spectrum coronavirus inhibition.. <i>Protein and Cell</i> , 2022 , 1	7.2	2
297	Diverse and atypical manifestations of Q fever in a metropolitan city hospital: Emerging role of next-generation sequencing for laboratory diagnosis of Coxiella burnetii.. <i>PLoS Neglected Tropical Diseases</i> , 2022 , 16, e0010364	4.8	0
296	An antibody class with a common CDRH3 motif broadly neutralizes sarbecoviruses.. <i>Science Translational Medicine</i> , 2022 , 14, eabn6859	17.5	3
295	An orally available M inhibitor is effective against wild-type SARS-CoV-2 and variants including Omicron.. <i>Nature Microbiology</i> , 2022 , 7, 716-725	26.6	5
294	SARS-CoV-2 infection induces inflammatory bone loss in golden Syrian hamsters.. <i>Nature Communications</i> , 2022 , 13, 2539	17.4	2
293	Pathogenicity of SARS-CoV-2 Omicron BA.1.1 in hamsters.. <i>EBioMedicine</i> , 2022 , 80, 104035	8.8	0
292	Superiority of a Novel Mp1p Antigen Detection Enzyme Immunoassay Compared to Standard BACTEC Blood Culture in the Diagnosis of Talaromycosis. <i>Clinical Infectious Diseases</i> , 2021 , 73, e330-e336	11.6	12

291	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> , 2021 , 73, e437-e444	11.6	39
290	Striking Antibody Evasion Manifested by the Omicron Variant of SARS-CoV-2.. <i>Nature</i> , 2021 ,	50.4	227
289	A global call for talaromycosis to be recognised as a neglected tropical disease. <i>The Lancet Global Health</i> , 2021 , 9, e1618-e1622	13.6	4
288	A monoclonal antibody that neutralizes SARS-CoV-2 variants, SARS-CoV, and other sarbecoviruses. <i>Emerging Microbes and Infections</i> , 2021 , 1-34	18.9	11
287	SPINK6 inhibits human airway serine proteases and restricts influenza virus activation. <i>EMBO Molecular Medicine</i> , 2021 , e14485	12	0
286	NLRP3 Inflammasome Contributes to Host Defense Against Infection.. <i>Frontiers in Immunology</i> , 2021 , 12, 760095	8.4	1
285	ACE2-like carboxypeptidase B38-CAP protects from SARS-CoV-2-induced lung injury. <i>Nature Communications</i> , 2021 , 12, 6791	17.4	9
284	Liquid repellency enabled antipathogen coatings. <i>Materials Today Bio</i> , 2021 , 12, 100145	9.9	4
283	SARS-CoV-2 exploits host DGAT and ADRP for efficient replication. <i>Cell Discovery</i> , 2021 , 7, 100	22.3	1
282	A monoclonal antibody that neutralizes SARS-CoV-2 variants, SARS-CoV, and other sarbecoviruses 2021 ,		2
281	Emerging SARS-CoV-2 variants expand species tropism to murines. <i>EBioMedicine</i> , 2021 , 73, 103643	8.8	34
280	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> , 2021 , 72, e978-e992	11.6	47
279	Severe Acute Respiratory Syndrome Coronavirus 2 Infects and Damages the Mature and Immature Olfactory Sensory Neurons of Hamsters. <i>Clinical Infectious Diseases</i> , 2021 , 73, e503-e512	11.6	59
278	Clofazimine broadly inhibits coronaviruses including SARS-CoV-2. <i>Nature</i> , 2021 , 593, 418-423	50.4	61
277	Cross-linking peptide and repurposed drugs inhibit both entry pathways of SARS-CoV-2. <i>Nature Communications</i> , 2021 , 12, 1517	17.4	24
276	Human Intestinal Organoids Recapitulate Enteric Infections of Enterovirus and Coronavirus. <i>Stem Cell Reports</i> , 2021 , 16, 493-504	8	10
275	Soluble ACE2-mediated cell entry of SARS-CoV-2 via interaction with proteins related to the renin-angiotensin system. <i>Cell</i> , 2021 , 184, 2212-2228.e12	56.2	94
274	Robust SARS-CoV-2 infection in nasal turbinates after treatment with systemic neutralizing antibodies. <i>Cell Host and Microbe</i> , 2021 , 29, 551-563.e5	23.4	42

273	A novel linker-immunodominant site (LIS) vaccine targeting the SARS-CoV-2 spike protein protects against severe COVID-19 in Syrian hamsters. <i>Emerging Microbes and Infections</i> , 2021 , 10, 874-884	18.9	2
272	A new class of Iketoamide derivatives with potent anticancer and anti-SARS-CoV-2 activities. <i>European Journal of Medicinal Chemistry</i> , 2021 , 215, 113267	6.8	4
271	Characterization of an attenuated SARS-CoV-2 variant with a deletion at the S1/S2 junction of the spike protein. <i>Nature Communications</i> , 2021 , 12, 2790	17.4	10
270	Comparative evaluation of a dual-target real-time RT-PCR assay for COVID-19 diagnosis and assessment of performance in pooled saliva and nasopharyngeal swab samples. <i>Expert Review of Molecular Diagnostics</i> , 2021 , 21, 741-747	3.8	2
269	Multimodal investigation of rat hepatitis E virus antigenicity: Implications for infection, diagnostics, and vaccine efficacy. <i>Journal of Hepatology</i> , 2021 , 74, 1315-1324	13.4	8
268	A lethal mouse model using a mouse-adapted SARS-CoV-2 strain with enhanced binding to mouse ACE2 as an important platform for COVID-19 research. <i>EBioMedicine</i> , 2021 , 68, 103406	8.8	1
267	Targeting highly pathogenic coronavirus-induced apoptosis reduces viral pathogenesis and disease severity. <i>Science Advances</i> , 2021 , 7,	14.3	22
266	Inhaled Dry Powder Formulation of Tamibarotene, a Broad-Spectrum Antiviral against Respiratory Viruses Including SARS-CoV-2 and Influenza Virus. <i>Advanced Therapeutics</i> , 2021 , 4, 2100059	4.9	4
265	Transmission of Rat Hepatitis E Virus Infection to Humans in Hong Kong: A Clinical and Epidemiological Analysis. <i>Hepatology</i> , 2021 , 73, 10-22	11.2	57
264	Exit site infection and peritonitis due to <i>Serratia</i> species in patients receiving peritoneal dialysis: Epidemiology and clinical outcomes. <i>Nephrology</i> , 2021 , 26, 255-261	2.2	0
263	SARS-CoV-2 Induces a More Robust Innate Immune Response and Replicates Less Efficiently Than SARS-CoV in the Human Intestines: An ExVivo Study With Implications on Pathogenesis of COVID-19. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2021 , 11, 771-781	7.9	26
262	Absence of nosocomial influenza and respiratory syncytial virus infection in the coronavirus disease 2019 (COVID-19) era: Implication of universal masking in hospitals. <i>Infection Control and Hospital Epidemiology</i> , 2021 , 42, 218-221	2	22
261	Detection of SARS-CoV-2 in conjunctival secretions from patients without ocular symptoms. <i>Infection</i> , 2021 , 49, 257-265	5.8	24
260	STAT2-dependent restriction of Zika virus by human macrophages but not dendritic cells. <i>Emerging Microbes and Infections</i> , 2021 , 10, 1024-1037	18.9	0
259	Beneficial effect of combinational methylprednisolone and remdesivir in hamster model of SARS-CoV-2 infection. <i>Emerging Microbes and Infections</i> , 2021 , 10, 291-304	18.9	29
258	Absence of Vaccine-enhanced Disease With Unexpected Positive Protection Against severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) by Inactivated Vaccine Given Within 3 Days of Virus Challenge in Syrian Hamster Model. <i>Clinical Infectious Diseases</i> , 2021 , 73, e719-e734	11.6	8
257	structure-based discovery of a SARS-CoV-2 main protease inhibitor. <i>International Journal of Biological Sciences</i> , 2021 , 17, 1555-1564	11.2	5
256	Hepatic phaeohyphomycosis due to a novel dematiaceous fungus, sp. nov., and importance of antifungal susceptibility testing. <i>Emerging Microbes and Infections</i> , 2021 , 10, 81-96	18.9	2

255	Development of Three-Dimensional Human Intestinal Organoids as a Physiologically Relevant Model for Characterizing the Viral Replication Kinetics and Antiviral Susceptibility of Enteroviruses. <i>Biomedicines</i> , 2021 , 9,	4.8	4
254	Potent and protective IGHV3-53/3-66 public antibodies and their shared escape mutant on the spike of SARS-CoV-2. <i>Nature Communications</i> , 2021 , 12, 4210	17.4	23
253	Adenosine synthase A contributes to recurrent Staphylococcus aureus infection by dampening protective immunity. <i>EBioMedicine</i> , 2021 , 70, 103505	8.8	2
252	Intravenous injection of COVID-19 mRNA vaccine can induce acute myopericarditis in mouse model. <i>Clinical Infectious Diseases</i> , 2021 ,	11.6	17
251	Global guideline for the diagnosis and management of the endemic mycoses: an initiative of the European Confederation of Medical Mycology in cooperation with the International Society for Human and Animal Mycology. <i>Lancet Infectious Diseases, The</i> , 2021 , 21, e364-e374	25.5	16
250	Low dose inocula of SARS-CoV-2 Alpha variant transmits more efficiently than earlier variants in hamsters. <i>Communications Biology</i> , 2021 , 4, 1102	6.7	8
249	Low Environmental Temperature Exacerbates Severe Acute Respiratory Syndrome Coronavirus 2 Infection in Golden Syrian Hamsters. <i>Clinical Infectious Diseases</i> , 2021 ,	11.6	5
248	Severe fever with thrombocytopenia syndrome virus (SFTSV)-host interactome screen identifies viral nucleoprotein-associated host factors as potential antiviral targets. <i>Computational and Structural Biotechnology Journal</i> , 2021 , 19, 5568-5577	6.8	0
247	Host and viral determinants for efficient SARS-CoV-2 infection of the human lung. <i>Nature Communications</i> , 2021 , 12, 134	17.4	63
246	Lessons learned 1 year after SARS-CoV-2 emergence leading to COVID-19 pandemic. <i>Emerging Microbes and Infections</i> , 2021 , 10, 507-535	18.9	61
245	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> , 2020 , 395, 1695-1704	40	948
244	Infection of bat and human intestinal organoids by SARS-CoV-2. <i>Nature Medicine</i> , 2020 , 26, 1077-1083	50.5	285
243	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> , 2020 , 71, 2139-2149	11.6	310
242	Evaluation of the commercially available LightMix [®] Modular E-gene kit using clinical and proficiency testing specimens for SARS-CoV-2 detection. <i>Journal of Clinical Virology</i> , 2020 , 129, 104476	14.5	33
241	Seroprevalence of SARS-CoV-2 in Hong Kong and in residents evacuated from Hubei province, China: a multicohort study. <i>Lancet Microbe, The</i> , 2020 , 1, e111-e118	22.2	56
240	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> , 2020 , 159, 104960	10.2	38
239	Absence of nosocomial transmission of coronavirus disease 2019 (COVID-19) due to SARS-CoV-2 in the prepandemic phase in Hong Kong. <i>American Journal of Infection Control</i> , 2020 , 48, 890-896	3.8	18
238	Evaluating the use of posterior oropharyngeal saliva in a point-of-care assay for the detection of SARS-CoV-2. <i>Emerging Microbes and Infections</i> , 2020 , 9, 1356-1359	18.9	80

237	SARS-CoV-2 nsp13, nsp14, nsp15 and orf6 function as potent interferon antagonists. <i>Emerging Microbes and Infections</i> , 2020 , 9, 1418-1428	18.9	249
236	Broad-Spectrum Host-Based Antivirals Targeting the Interferon and Lipogenesis Pathways as Potential Treatment Options for the Pandemic Coronavirus Disease 2019 (COVID-19). <i>Viruses</i> , 2020 , 12,	6.2	34
235	Early-Morning vs Spot Posterior Oropharyngeal Saliva for Diagnosis of SARS-CoV-2 Infection: Implication of Timing of Specimen Collection for Community-Wide Screening. <i>Open Forum Infectious Diseases</i> , 2020 , 7, ofaa210	1	19
234	SARS-CoV-2 shedding and seroconversion among passengers quarantined after disembarking a cruise ship: a case series. <i>Lancet Infectious Diseases, The</i> , 2020 , 20, 1051-1060	25.5	75
233	Identification of nsp1 gene as the target of SARS-CoV-2 real-time RT-PCR using nanopore whole-genome sequencing. <i>Journal of Medical Virology</i> , 2020 , 92, 2725-2734	19.7	22
232	Clinical Performance of the Luminex NxTAG CoV Extended Panel for SARS-CoV-2 Detection in Nasopharyngeal Specimens from COVID-19 Patients in Hong Kong. <i>Journal of Clinical Microbiology</i> , 2020 , 58,	9.7	16
231	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> , 2020 , 222, 734-745	7	96
230	Air and environmental sampling for SARS-CoV-2 around hospitalized patients with coronavirus disease 2019 (COVID-19). <i>Infection Control and Hospital Epidemiology</i> , 2020 , 41, 1258-1265	2	99
229	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> , 2020 , 58,	9.7	572
228	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> , 2020 , 20, 565-574	25.5	2081
227	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> , 2020 , 71, 2428-2446	11.6	537
226	Escalating infection control response to the rapidly evolving epidemiology of the coronavirus disease 2019 (COVID-19) due to SARS-CoV-2 in Hong Kong. <i>Infection Control and Hospital Epidemiology</i> , 2020 , 41, 493-498	2	269
225	Evaluation of simple nucleic acid extraction methods for the detection of SARS-CoV-2 in nasopharyngeal and saliva specimens during global shortage of extraction kits. <i>Journal of Clinical Virology</i> , 2020 , 129, 104519	14.5	32
224	Factors affecting stability and infectivity of SARS-CoV-2. <i>Journal of Hospital Infection</i> , 2020 , 106, 226-231	6.9	115
223	Consistent Detection of 2019 Novel Coronavirus in Saliva. <i>Clinical Infectious Diseases</i> , 2020 , 71, 841-843	11.6	1009
222	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> , 2020 , 395, 514-523	40	5219
221	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> , 2020 , 9, 221-236	18.9	1681
220	Development of a Novel, Genome Subtraction-Derived, SARS-CoV-2-Specific COVID-19-nsp2 Real-Time RT-PCR Assay and Its Evaluation Using Clinical Specimens. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	54

219	Competing endogenous RNA network profiling reveals novel host dependency factors required for MERS-CoV propagation. <i>Emerging Microbes and Infections</i> , 2020 , 9, 733-746	18.9	39
218	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> , 2020 , 71, 1400-1409	11.6	431
217	The role of community-wide wearing of face mask for control of coronavirus disease 2019 (COVID-19) epidemic due to SARS-CoV-2. <i>Journal of Infection</i> , 2020 , 81, 107-114	18.9	406
216	Targeting the Inositol-Requiring Enzyme-1 Pathway Efficiently Reverts Zika Virus-Induced Neurogenesis and Spermatogenesis Marker Perturbations. <i>ACS Infectious Diseases</i> , 2020 , 6, 1745-1758	5.5	8
215	Attenuated SARS-CoV-2 variants with deletions at the S1/S2 junction. <i>Emerging Microbes and Infections</i> , 2020 , 9, 837-842	18.9	181
214	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> , 2020 , 1, e14-e23	22.2	415
213	Activation of C-Type Lectin Receptor and (RIG)-I-Like Receptors Contributes to Proinflammatory Response in Middle East Respiratory Syndrome Coronavirus-Infected Macrophages. <i>Journal of Infectious Diseases</i> , 2020 , 221, 647-659	7	24
212	A Large-scale Drug Repositioning Survey for SARS-CoV-2 Antivirals 2020 ,		40
211	Potent Neutralizing Antibodies Directed to Multiple Epitopes on SARS-CoV-2 Spike 2020 ,		25
210	Oral SARS-CoV-2 Inoculation Establishes Subclinical Respiratory Infection with Virus Shedding in Golden Syrian Hamsters. <i>Cell Reports Medicine</i> , 2020 , 1, 100121	18	61
209	Discovery of SARS-CoV-2 antiviral drugs through large-scale compound repurposing. <i>Nature</i> , 2020 , 586, 113-119	50.4	405
208	Accurate Diagnosis of COVID-19 by a Novel Immunogenic Secreted SARS-CoV-2 orf8 Protein. <i>MBio</i> , 2020 , 11,	7.8	27
207	The Coronavirus Disease 2019 pandemic: how does it spread and how do we stop it?. <i>Current Opinion in HIV and AIDS</i> , 2020 , 15, 328-335	4.2	7
206	Metallo drug ranitidine bismuth citrate suppresses SARS-CoV-2 replication and relieves virus-associated pneumonia in Syrian hamsters. <i>Nature Microbiology</i> , 2020 , 5, 1439-1448	26.6	76
205	Animal models for COVID-19. <i>Nature</i> , 2020 , 586, 509-515	50.4	377
204	Human coronavirus dependency on host heat shock protein 90 reveals an antiviral target. <i>Emerging Microbes and Infections</i> , 2020 , 9, 2663-2672	18.9	17
203	Occult Infection Unveiled by the Novel Mp1p Antigen Detection Assay. <i>Open Forum Infectious Diseases</i> , 2020 , 7, ofaa502	1	5
202	Metabolic Profiling Reveals Significant Perturbations of Intracellular Glucose Homeostasis in -Infected Cells. <i>Metabolites</i> , 2020 , 10,	5.6	3

201	SARS-CoV-2 infects human neural progenitor cells and brain organoids. <i>Cell Research</i> , 2020 , 30, 928-931	24.7	143
200	Differential immune activation profile of SARS-CoV-2 and SARS-CoV infection in human lung and intestinal cells: Implications for treatment with IFN- β and IFN inducer. <i>Journal of Infection</i> , 2020 , 81, e1-e10	18.9	29
199	Development and Evaluation of Novel and Highly Sensitive Single-Tube Nested Real-Time RT-PCR Assays for SARS-CoV-2 Detection. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	12
198	Potent neutralizing antibodies against multiple epitopes on SARS-CoV-2 spike. <i>Nature</i> , 2020 , 584, 450-456	56.4	848
197	Improved Detection of Antibodies against SARS-CoV-2 by Microsphere-Based Antibody Assay. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	11
196	Viruses harness Yxx Φ motif to interact with host AP2M1 for replication: A vulnerable broad-spectrum antiviral target. <i>Science Advances</i> , 2020 , 6, eaba7910	14.3	18
195	Genotyping of <i>Enterocytozoon bieneusi</i> among captive long-tailed macaques (<i>Macaca fascicularis</i>) in Hainan Province: High genetic diversity and zoonotic potential. <i>Acta Tropica</i> , 2020 , 201, 105211	3.2	11
194	A Case Series of Children With Coronavirus Disease 2019: What Have We Learned?. <i>Clinical Infectious Diseases</i> , 2020 , 71, 1552-1553	11.6	2
193	Epidemiological and Clinical Characteristics of Human Hepatitis C Virus 1 Infection in Patients With Hepatitis C. <i>Open Forum Infectious Diseases</i> , 2019 , 6, ofz329	1	4
192	Targeting SUMO Modification of the Non-Structural Protein 5 of Zika Virus as a Host-Targeting Antiviral Strategy. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	14
191	Characterization of the Lipidomic Profile of Human Coronavirus-Infected Cells: Implications for Lipid Metabolism Remodeling upon Coronavirus Replication. <i>Viruses</i> , 2019 , 11,	6.2	150
190	Molecular prevalence and subtyping of <i>Cryptosporidium hominis</i> among captive long-tailed macaques (<i>Macaca fascicularis</i>) and rhesus macaques (<i>Macaca mulatta</i>) from Hainan Island, southern China. <i>Parasites and Vectors</i> , 2019 , 12, 192	4	5
189	Screening of an FDA-Approved Drug Library with a Two-Tier System Identifies an Entry Inhibitor of Severe Fever with Thrombocytopenia Syndrome Virus. <i>Viruses</i> , 2019 , 11,	6.2	11
188	Improving the specific diagnosis of trematode, cestode and nematode infections by a multiplex single-tube real-time PCR assay. <i>Journal of Clinical Pathology</i> , 2019 , 72, 487-492	3.9	2
187	Diversity of phenotypically non-dermatophyte, non- <i>Aspergillus</i> filamentous fungi causing nail infections: importance of accurate identification and antifungal susceptibility testing. <i>Emerging Microbes and Infections</i> , 2019 , 8, 531-541	18.9	6
186	Donor-Derived Genotype 4 Hepatitis E Virus Infection, Hong Kong, China, 2018. <i>Emerging Infectious Diseases</i> , 2019 , 25, 425-433	10.2	18
185	Nosocomial transmission of chickenpox and varicella zoster virus seroprevalence rate amongst healthcare workers in a teaching hospital in China. <i>BMC Infectious Diseases</i> , 2019 , 19, 582	4	4
184	Evaluation of RealStar \square Herpesvirus PCR Kit for Detection of HSV-1, HSV-2, and VZV in Clinical Specimens. <i>BioMed Research International</i> , 2019 , 2019, 5715180	3	4

183	Identification of a Novel Betacoronavirus () in Amur Hedgehogs from China. <i>Viruses</i> , 2019 , 11,	6.2	28
182	Identification of a Novel Ichthyic Parvovirus in Marine Species in Hainan Island, China. <i>Frontiers in Microbiology</i> , 2019 , 10, 2815	5.7	13
181	Lipidomic Profiling Reveals Significant Perturbations of Intracellular Lipid Homeostasis in Enterovirus-Infected Cells. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	17
180	SREBP-dependent lipidomic reprogramming as a broad-spectrum antiviral target. <i>Nature Communications</i> , 2019 , 10, 120	17.4	125
179	Identification and characterization of GLDC as host susceptibility gene to severe influenza. <i>EMBO Molecular Medicine</i> , 2019 , 11,	12	12
178	Fatal pancytopenia due to albendazole treatment for strongyloidiasis. <i>IDCases</i> , 2018 , 12, 112-116	2	1
177	Receptor Usage of a Novel Bat Lineage C Betacoronavirus Reveals Evolution of Middle East Respiratory Syndrome-Related Coronavirus Spike Proteins for Human Dipeptidyl Peptidase 4 Binding. <i>Journal of Infectious Diseases</i> , 2018 , 218, 197-207	7	59
176	Impact of inter-genotypic recombination and probe cross-reactivity on the performance of the Abbott RealTime HCV Genotype II assay for hepatitis C genotyping. <i>Diagnostic Microbiology and Infectious Disease</i> , 2018 , 91, 34-37	2.9	5
175	Yeast identification by sequencing, biochemical kits, MALDI-TOF MS and rep-PCR DNA fingerprinting. <i>Medical Mycology</i> , 2018 , 56, 816-827	3.9	15
174	Immunization With a Novel Human Type 5 Adenovirus-Vectored Vaccine Expressing the Premembrane and Envelope Proteins of Zika Virus Provides Consistent and Sterilizing Protection in Multiple Immunocompetent and Immunocompromised Animal Models. <i>Journal of Infectious Diseases</i> , 2018 , 218, 365-377	7	28
173	Genotype 4 hepatitis E virus is a cause of chronic hepatitis in renal transplant recipients in Hong Kong. <i>Journal of Viral Hepatitis</i> , 2018 , 25, 209-213	3.4	22
172	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> , 2018 , 115, 6822-6827	11.5	127
171	Middle East respiratory syndrome coronavirus and bat coronavirus HKU9 both can utilize GRP78 for attachment onto host cells. <i>Journal of Biological Chemistry</i> , 2018 , 293, 11709-11726	5.4	114
170	Human tryptophanyl-tRNA synthetase is an IFN- γ -inducible entry factor for Enterovirus. <i>Journal of Clinical Investigation</i> , 2018 , 128, 5163-5177	15.9	26
169	Evaluation of the molecular Xpert Xpress Flu/RSV assay vs. Alere i Influenza A & B assay for rapid detection of influenza viruses. <i>Diagnostic Microbiology and Infectious Disease</i> , 2018 , 90, 177-180	2.9	20
168	Rat Hepatitis E Virus as Cause of Persistent Hepatitis after Liver Transplant. <i>Emerging Infectious Diseases</i> , 2018 , 24, 2241-2250	10.2	106
167	Emergence of Cytomegalovirus Mononucleosis Syndrome Among Young Adults in Hong Kong Linked to Falling Seroprevalence: Results of a 14-Year Seroepidemiological Study. <i>Open Forum Infectious Diseases</i> , 2018 , 5, ofy262	1	3
166	Replication of MERS and SARS coronaviruses in bat cells offers insights to their ancestral origins. <i>Emerging Microbes and Infections</i> , 2018 , 7, 209	18.9	22

165	Comparative evaluation of a laboratory-developed real-time PCR assay and RealStar [®] Adenovirus PCR Kit for quantitative detection of human adenovirus. <i>Virology Journal</i> , 2018 , 15, 149	6.1	7
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23	D225G mutation in hemagglutinin of pandemic influenza H1N1 (2009) virus enhances virulence in mice. <i>Experimental Biology and Medicine</i> , 2010 , 235, 981-8	3.7	71
22	The natural viral load profile of patients with pandemic 2009 influenza A(H1N1) and the effect of oseltamivir treatment. <i>Chest</i> , 2010 , 137, 759-68	5.3	92

21	Prevention of nosocomial transmission of swine-origin pandemic influenza virus A/H1N1 by infection control bundle. <i>Journal of Hospital Infection</i> , 2010 , 74, 271-7	6.9	81
20	Viral load in patients infected with pandemic H1N1 2009 influenza A virus. <i>Journal of Medical Virology</i> , 2010 , 82, 1-7	19.7	165
19	Sequential introduction of single room isolation and hand hygiene campaign in the control of methicillin-resistant <i>Staphylococcus aureus</i> in intensive care unit. <i>BMC Infectious Diseases</i> , 2010 , 10, 263-4	4	49
18	<i>Capnocytophaga sputigena</i> primary iliopsoas abscess. <i>Journal of Medical Microbiology</i> , 2010 , 59, 1368-1370	3.0	11
17	An "unforeseen" complication of urinary tract infection in a patient with diabetes. <i>BMJ, The</i> , 2010 , 341, c3073	5.9	
16	Outbreak of intestinal infection due to <i>Rhizopus microsporus</i> . <i>Journal of Clinical Microbiology</i> , 2009 , 47, 2834-43	9.7	93
15	Oseltamivir-resistant influenza A pandemic (H1N1) 2009 virus, Hong Kong, China. <i>Emerging Infectious Diseases</i> , 2009 , 15, 1970-2	10.2	83
14	Detection of community-associated MRSA as a result of the unmasking effect of antibiotic treatment. <i>Journal of Hospital Infection</i> , 2009 , 72, 273-4	6.9	8
13	Successful control of norovirus outbreak in an infirmary with the use of alcohol-based hand rub. <i>Journal of Hospital Infection</i> , 2009 , 72, 370-1	6.9	25
12	Antimicrobial stewardship program directed at broad-spectrum intravenous antibiotics prescription in a tertiary hospital. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2009 , 28, 1447-56	5.3	55
11	Differential susceptibility of different cell lines to swine-origin influenza A H1N1, seasonal human influenza A H1N1, and avian influenza A H5N1 viruses. <i>Journal of Clinical Virology</i> , 2009 , 46, 325-30	14.5	71
10	<i>Clostridium difficile</i> ribotype 027 arrives in Hong Kong. <i>International Journal of Antimicrobial Agents</i> , 2009 , 34, 492-3	14.3	46
9	Nephrotic Syndrome Secondary to Strongyloidiasis: A Common Infection with an Uncommon Presentation. <i>Hong Kong Journal of Nephrology</i> , 2008 , 10, 37-41		5
8	The SARS-CoV-2 Omicron (B.1.1.529) variant exhibits altered pathogenicity, transmissibility, and fitness in the golden Syrian hamster model		6
7	Striking antibody evasion manifested by the Omicron variant of SARS-CoV-2. <i>Nature</i> ,	50.4	25
6	Isolation and comparative analysis of antibodies that broadly neutralize sarbecoviruses		5
5	Striking Antibody Evasion Manifested by the Omicron Variant of SARS-CoV-2		24
4	Improved detection of antibody against SARS-CoV-2 by microsphere-based antibody assay		1

3	Pathogenicity, immunogenicity, and protective ability of an attenuated SARS-CoV-2 variant with a deletion at the S1/S2 junction of the spike protein	2
2	SARS-CoV-2 spike D614G variant exhibits highly efficient replication and transmission in hamsters	4
1	A molecularly engineered, broad-spectrum anti-coronavirus lectin inhibits SARS-CoV-2 and MERS-CoV infection in vivo	2