

Kelvin Kai-Wang To

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.

315
papers

28,481
citations

67
h-index

165
g-index

346
ext. papers

36,614
ext. citations

10.6
avg, IF

7.53
L-index

#	Paper	IF	Citations
315	Omicron variant susceptibility to neutralizing antibodies induced in children by natural SARS-CoV-2 infection or COVID-19 vaccine.. <i>Emerging Microbes and Infections</i> , 2022 , 1-17	18.9	9
314	Attenuated replication and pathogenicity of SARS-CoV-2 B.1.1.529 Omicron.. <i>Nature</i> , 2022 ,	50.4	70
313	Immunogenicity of a Heterologous Prime-Boost COVID-19 Vaccination with mRNA and Inactivated Virus Vaccines Compared with Homologous Vaccination Strategy against SARS-CoV-2 Variants.. <i>Vaccines</i> , 2022 , 10,	5.3	1
312	Antibody Response of Combination of BNT162b2 and CoronaVac Platforms of COVID-19 Vaccines against Omicron Variant.. <i>Vaccines</i> , 2022 , 10,	5.3	4
311	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
310	Vaccine-breakthrough infection by the SARS-CoV-2 omicron variant elicits broadly cross-reactive immune responses.. <i>Clinical and Translational Medicine</i> , 2022 , 12, e720	5.7	6
309	COVID-19 mRNA vaccines delay the onset of breakthrough infections with less radiographic abnormalities.. <i>Clinical Infectious Diseases</i> , 2022 ,	11.6	4
308	High attack rate in a Tong Lau house outbreak of COVID-19 with subdivided units in Hong Kong.. <i>Interface Focus</i> , 2022 , 12, 20210063	3.9	3
307	A prospective study of the impact of glycaemic status on clinical outcomes and anti-SARS-CoV-2 antibody responses among patients with predominantly non-severe COVID-19.. <i>Diabetes Research and Clinical Practice</i> , 2022 , 109232	7.4	1
306	A low-cost TaqMan minor groove binder probe-based one-step RT-qPCR assay for rapid identification of N501Y variants of SARS-CoV-2. <i>Journal of Virological Methods</i> , 2022 , 299, 114333	2.6	2
305	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
304	MALDI-TOF mass spectrometry of saliva samples as a prognostic tool for COVID-19.. <i>Journal of Oral Microbiology</i> , 2022 , 14, 2043651	6.3	1
303	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
302	Correlation of Immunogenicity and Reactogenicity of BNT162b2 and CoronaVac SARS-CoV-2 Vaccines.. <i>MSphere</i> , 2022 , e0091521	5	0
301	Computation of Antigenicity Predicts SARS-CoV-2 Vaccine Breakthrough Variants.. <i>Frontiers in Immunology</i> , 2022 , 13, 861050	8.4	0
300	Rapid spread of SARS-CoV-2 Omicron subvariant BA.2 in a single-source community outbreak.. <i>Clinical Infectious Diseases</i> , 2022 ,	11.6	12
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	Interferon-gamma inhibits influenza A virus cellular attachment by reducing sialic acid cluster size.. <i>IScience</i> , 2022 , 25, 104037	6.1	2
297	Temporal trends and patterns of infective endocarditis in a Chinese population: A territory-wide study in Hong Kong (2002-2019).. <i>The Lancet Regional Health - Western Pacific</i> , 2022 , 22, 100417	5	0
296	Boosting of serum neutralizing activity against the Omicron variant among recovered COVID-19 patients by BNT162b2 and CoronaVac vaccines.. <i>EBioMedicine</i> , 2022 , 79, 103986	8.8	3
295	Emerging Infections Due to spp.: A Case Series of 128 Cases Over 10 Years.. <i>Frontiers in Medicine</i> , 2022 , 9, 850938	4.9	0
294	COVID-19 vaccine acceptance and hesitancy among ethnic minorities in Hong Kong.. <i>Human Vaccines and Immunotherapeutics</i> , 2022 , 1-6	4.4	0
293	ACE2-enriched extracellular vesicles enhance infectivity of live SARS-CoV-2 virus.. <i>Journal of Extracellular Vesicles</i> , 2022 , 11, e12231	16.4	4
292	Intra-host non-synonymous diversity at a neutralizing antibody epitope of SARS-CoV-2 spike protein N-terminal domain. <i>Clinical Microbiology and Infection</i> , 2021 , 27, 1350.e1-1350.e5	9.5	8
291	A Double-blind, Randomized Phase 2 Controlled Trial of Intradermal Hepatitis B Vaccination With a Topical Toll-like Receptor 7 Agonist Imiquimod, in Patients on Dialysis. <i>Clinical Infectious Diseases</i> , 2021 , 73, e304-e311	11.6	8
290	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
289	Mitochondrial Dysfunction Associates With Acute T Lymphocytopenia and Impaired Functionality in COVID-19 Patients.. <i>Frontiers in Immunology</i> , 2021 , 12, 799896	8.4	2
288	The Independent Association of TSH and Free Triiodothyronine Levels With Lymphocyte Counts Among COVID-19 Patients.. <i>Frontiers in Endocrinology</i> , 2021 , 12, 774346	5.7	3
287	Transmission of Omicron (B.1.1.529) - SARS-CoV-2 Variant of Concern in a designated quarantine hotel for travelers: a challenge of elimination strategy of COVID-19.. <i>The Lancet Regional Health - Western Pacific</i> , 2021 , 100360	5	23
286	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> , 2021 , 1-18	18.9	75
285	Striking Antibody Evasion Manifested by the Omicron Variant of SARS-CoV-2.. <i>Nature</i> , 2021 ,	50.4	227
284	Neutralization of SARS-CoV-2 Omicron variant by sera from BNT162b2 or Coronavac vaccine recipients.. <i>Clinical Infectious Diseases</i> , 2021 ,	11.6	94
283	Assessment of SARS-CoV-2 Immunity in Convalescent Children and Adolescents.. <i>Frontiers in Immunology</i> , 2021 , 12, 797919	8.4	2
282	Antibody Response of BNT162b2 and CoronaVac Platforms in Recovered Individuals Previously Infected by COVID-19 against SARS-CoV-2 Wild Type and Delta Variant.. <i>Vaccines</i> , 2021 , 9,	5.3	8
281	SPINK6 inhibits human airway serine proteases and restricts influenza virus activation. <i>EMBO Molecular Medicine</i> , 2021 , e14485	12	0

280	Epidemiology of Acute Myocarditis/Pericarditis in Hong Kong Adolescents Following Comirnaty Vaccination. <i>Clinical Infectious Diseases</i> , 2021 ,	11.6	22
279	Correlation between Commercial Anti-RBD IgG Titer and Neutralization Titer against SARS-CoV-2 Beta Variant.. <i>Diagnostics</i> , 2021 , 11,	3.8	2
278	SARS-CoV-2 exploits host DGAT and ADRP for efficient replication. <i>Cell Discovery</i> , 2021 , 7, 100	22.3	1
277	High compliance to infection control measures prevented guest-to-staff transmission in COVID-19 quarantine hotels. <i>Journal of Infection</i> , 2021 ,	18.9	1
276	Emerging SARS-CoV-2 variants expand species tropism to murines. <i>EBioMedicine</i> , 2021 , 73, 103643	8.8	34
275	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
274	Unique Clusters of Severe Acute Respiratory Syndrome Coronavirus 2 Causing a Large Coronavirus Disease 2019 Outbreak in Hong Kong. <i>Clinical Infectious Diseases</i> , 2021 , 73, 137-142	11.6	28
273	Coronavirus Disease 2019 (COVID-19) Re-infection by a Phylogenetically Distinct Severe Acute Respiratory Syndrome Coronavirus 2 Strain Confirmed by Whole Genome Sequencing. <i>Clinical Infectious Diseases</i> , 2021 , 73, e2946-e2951	11.6	450
272	Multipronged infection control strategy to achieve zero nosocomial coronavirus disease 2019 (COVID-19) cases among Hong Kong healthcare workers in the first 300 days of the pandemic. <i>Infection Control and Hospital Epidemiology</i> , 2021 , 1-10	2	6
271	Emergence of a Severe Acute Respiratory Syndrome Coronavirus 2 Virus Variant With Novel Genomic Architecture in Hong Kong. <i>Clinical Infectious Diseases</i> , 2021 , 73, 1696-1699	11.6	11
270	Cross-linking peptide and repurposed drugs inhibit both entry pathways of SARS-CoV-2. <i>Nature Communications</i> , 2021 , 12, 1517	17.4	24
269	Human Intestinal Organoids Recapitulate Enteric Infections of Enterovirus and Coronavirus. <i>Stem Cell Reports</i> , 2021 , 16, 493-504	8	10
268	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
267	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
266	Evaluation of an Automated High-Throughput Liquid-Based RNA Extraction Platform on Pooled Nasopharyngeal or Saliva Specimens for SARS-CoV-2 RT-PCR. <i>Viruses</i> , 2021 , 13,	6.2	2
265	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
264	Role of non-thyroidal illness syndrome in predicting adverse outcomes in COVID-19 patients predominantly of mild-to-moderate severity. <i>Clinical Endocrinology</i> , 2021 , 95, 469-477	3.4	24
263	Nosocomial Outbreak of Coronavirus Disease 2019 by Possible Airborne Transmission Leading to a Superspreading Event. <i>Clinical Infectious Diseases</i> , 2021 , 73, e1356-e1364	11.6	20

262	Genome Sequences of Three SARS-CoV-2 ORF7a Deletion Variants Obtained from Patients in Hong Kong. <i>Microbiology Resource Announcements</i> , 2021 , 10,	1.3	8
261	Clinical Characteristics and Transmission of COVID-19 in Children and Youths During 3 Waves of Outbreaks in Hong Kong. <i>JAMA Network Open</i> , 2021 , 4, e218824	10.4	19
260	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
259	Insights From Prospective Follow-up of Thyroid Function and Autoimmunity Among Covid-19 Survivors. <i>Journal of the Endocrine Society</i> , 2021 , 5, A840-A841	0.4	1
258	Mining of linear B cell epitopes of SARS-CoV-2 ORF8 protein from COVID-19 patients. <i>Emerging Microbes and Infections</i> , 2021 , 10, 1016-1023	18.9	2
257	Phylogenomic analysis of COVID-19 summer and winter outbreaks in Hong Kong: An observational study. <i>The Lancet Regional Health - Western Pacific</i> , 2021 , 10, 100130	5	11
256	Differential role of sphingomyelin in influenza virus, rhinovirus and SARS-CoV-2 infection of Calu-3 cells. <i>Journal of General Virology</i> , 2021 , 102,	4.9	4
255	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
254	Biomarkers for severe COVID-19. <i>EBioMedicine</i> , 2021 , 68, 103405	8.8	0
253	Insights from a Prospective Follow-up of Thyroid Function and Autoimmunity among COVID-19 Survivors. <i>Endocrinology and Metabolism</i> , 2021 , 36, 582-589	3.5	20
252	Airborne transmission of severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2): What is the implication of hospital infection control?. <i>Infection Control and Hospital Epidemiology</i> , 2021 , 1-2	2	6
251	SARS-CoV-2: What can saliva tell us?. <i>Oral Diseases</i> , 2021 , 27 Suppl 3, 746-747	3.5	22
250	Thyroid Dysfunction in Relation to Immune Profile, Disease Status, and Outcome in 191 Patients with COVID-19. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021 , 106, e926-e935	5.6	89
249	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
248	A child with acute myeloid leukemia complicated by calcaneal osteomyelitis due to Mycobacterium abscessus infection after induction chemotherapy successfully salvaged with bedaquiline and clofazimine. <i>International Journal of Infectious Diseases</i> , 2021 , 103, 9-12	10.5	2
247	Detection of SARS-CoV-2 in conjunctival secretions from patients without ocular symptoms. <i>Infection</i> , 2021 , 49, 257-265	5.8	24
246	Serum Antibody Profile of a Patient With Coronavirus Disease 2019 Reinfection. <i>Clinical Infectious Diseases</i> , 2021 , 72, e659-e662	11.6	35
245	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

244	Saliva viral load better correlates with clinical and immunological profiles in children with coronavirus disease 2019. <i>Emerging Microbes and Infections</i> , 2021 , 10, 235-241	18.9	9
243	Impact of SARS-CoV-2 variant-associated RBD mutations on the susceptibility to serum antibodies elicited by COVID-19 infection or vaccination. <i>Clinical Infectious Diseases</i> , 2021 ,	11.6	28
242	Intradermal vaccination of live attenuated influenza vaccine protects mice against homologous and heterologous influenza challenges. <i>Npj Vaccines</i> , 2021 , 6, 95	9.5	1
241	Intravenous injection of COVID-19 mRNA vaccine can induce acute myopericarditis in mouse model. <i>Clinical Infectious Diseases</i> , 2021 ,	11.6	17
240	The impact of spike N501Y mutation on neutralizing activity and RBD binding of SARS-CoV-2 convalescent serum. <i>EBioMedicine</i> , 2021 , 71, 103544	8.8	16
239	The Impact of Interferon Beta-1b Therapy on Thyroid Function and Autoimmunity Among COVID-19 Survivors. <i>Frontiers in Endocrinology</i> , 2021 , 12, 746602	5.7	0
238	Higher SARS-CoV-2 viral loads correlated with smaller thyroid volumes on ultrasound among male COVID-19 survivors. <i>Endocrine</i> , 2021 , 74, 205-214	4	3
237	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
236	Variants of SARS Coronavirus-2 and Their Potential Impact on the Future of the COVID-19 Pandemic. <i>Zoonoses</i> , 2021 , 1,		2
235	Long COVID in Patients With Mild to Moderate Disease: Do Thyroid Function and Autoimmunity Play a Role?. <i>Endocrine Practice</i> , 2021 , 27, 894-902	3.2	12
234	False COVID-19 cases due to contamination by inactivated virus vaccine. <i>Clinical Infectious Diseases</i> , 2021 ,	11.6	3
233	Complementation of contact tracing by mass testing for successful containment of beta COVID-19 variant (SARS-CoV-2 VOC B.1.351) epidemic in Hong Kong. <i>The Lancet Regional Health - Western Pacific</i> , 2021 , 17, 100281	5	7
232	Host and viral determinants for efficient SARS-CoV-2 infection of the human lung. <i>Nature Communications</i> , 2021 , 12, 134	17.4	63
231	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
230	Repurposing of Miltefosine as an Adjuvant for Influenza Vaccine. <i>Vaccines</i> , 2020 , 8,	5.3	2
229	COVID-19 in children across three Asian cosmopolitan regions. <i>Emerging Microbes and Infections</i> , 2020 , 9, 2588-2596	18.9	13
228	Nanopore Sequencing Reveals Novel Targets for Detection and Surveillance of Human and Avian Influenza A Viruses. <i>Journal of Clinical Microbiology</i> , 2020 , 58,	9.7	13
227	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

226	Infection of bat and human intestinal organoids by SARS-CoV-2. <i>Nature Medicine</i> , 2020 , 26, 1077-1083	50.5	285
225	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
224	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
223	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
222	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
221	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
220	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
219	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
218	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
217	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
216	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
215	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
214	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
213	Olfactory Dysfunction in Coronavirus Disease 2019 Patients: Observational Cohort Study and Systematic Review. <i>Open Forum Infectious Diseases</i> , 2020 , 7, ofaa199	1	58
212	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
211	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
210	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
209	Mining of epitopes on spike protein of SARS-CoV-2 from COVID-19 patients. <i>Cell Research</i> , 2020 , 30, 702-704	24.7	69

208	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
207	High neutralizing antibody titer in intensive care unit patients with COVID-19. <i>Emerging Microbes and Infections</i> , 2020 , 9, 1664-1670	18.9	86
206	Consistent Detection of 2019 Novel Coronavirus in Saliva. <i>Clinical Infectious Diseases</i> , 2020 , 71, 841-843	11.6	1009
205	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
204	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
203	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
202	Gastrointestinal Manifestations of SARS-CoV-2 Infection and Virus Load in Fecal Samples From a Hong Kong Cohort: Systematic Review and Meta-analysis. <i>Gastroenterology</i> , 2020 , 159, 81-95	13.3	833
201	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
200	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
199	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
198	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
197	Neuraminidase Inhibitors and Hospital Length of Stay: A Meta-analysis of Individual Participant Data to Determine Treatment Effectiveness Among Patients Hospitalized With Nonfatal 2009 Pandemic Influenza A(H1N1) Virus Infection. <i>Journal of Infectious Diseases</i> , 2020 , 221, 356-366	7	10
196	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
195	Clofazimine is a broad-spectrum coronavirus inhibitor that antagonizes SARS-CoV-2 replication in primary human cell culture and hamsters 2020 ,		8
194	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
193	Accurate Diagnosis of COVID-19 by a Novel Immunogenic Secreted SARS-CoV-2 orf8 Protein. <i>MBio</i> , 2020 , 11,	7.8	27
192	Loss of orf3b in the circulating SARS-CoV-2 strains. <i>Emerging Microbes and Infections</i> , 2020 , 9, 2685-2696	18.9	28
191	Acute SARS-CoV-2 Infection Impairs Dendritic Cell and T Cell Responses. <i>Immunity</i> , 2020 , 53, 864-877.e5	32.3	264

190	Comparative Transcriptomic Analysis of Rhinovirus and Influenza Virus Infection. <i>Frontiers in Microbiology</i> , 2020 , 11, 1580	5.7	3
189	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
188	False-positive SARS-CoV-2 serology in 3 children with Kawasaki disease. <i>Diagnostic Microbiology and Infectious Disease</i> , 2020 , 98, 115141	2.9	7
187	Development and validation of risk prediction models for COVID-19 positivity in a hospital setting. <i>International Journal of Infectious Diseases</i> , 2020 , 101, 74-82	10.5	6
186	A broad-spectrum virus- and host-targeting peptide against respiratory viruses including influenza virus and SARS-CoV-2. <i>Nature Communications</i> , 2020 , 11, 4252	17.4	53
185	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
184	Viruses harness Yxx motif to interact with host AP2M1 for replication: A vulnerable broad-spectrum antiviral target. <i>Science Advances</i> , 2020 , 6, eaba7910	14.3	18
183	Development and evaluation of a conventional RT-PCR for differentiating emerging influenza B/Victoria lineage viruses with hemagglutinin amino acid deletion from B/Yamagata lineage viruses. <i>Journal of Medical Virology</i> , 2020 , 92, 382-385	19.7	4
182	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
181	COVID-19 salivary signature: diagnostic and research opportunities. <i>Journal of Clinical Pathology</i> , 2020 ,	3.9	30
180	Performance of at-home self-collected saliva and nasal-oropharyngeal swabs in the surveillance of COVID-19. <i>Journal of Oral Microbiology</i> , 2020 , 13, 1858002	6.3	20
179	Assessment of population susceptibility to upcoming seasonal influenza epidemic strain using interepidemic emerging influenza virus strains. <i>Epidemiology and Infection</i> , 2019 , 147, e279	4.3	6
178	H7N9 influenza A virus activation of necroptosis in human monocytes links innate and adaptive immune responses. <i>Cell Death and Disease</i> , 2019 , 10, 442	9.8	13
177	SMRT sequencing revealed the diversity and characteristics of defective interfering RNAs in influenza A (H7N9) virus infection. <i>Emerging Microbes and Infections</i> , 2019 , 8, 662-674	18.9	17
176	Candida Tropicalis renal microabscesses in a child with leukemia confirmed using nucleic acid amplification and recovery after prolonged antifungal and corticosteroid treatment. <i>International Journal of Infectious Diseases</i> , 2019 , 81, 110-113	10.5	4
175	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
174	Saliva as a diagnostic specimen for testing respiratory virus by a point-of-care molecular assay: a diagnostic validity study. <i>Clinical Microbiology and Infection</i> , 2019 , 25, 372-378	9.5	108
173	The Accuracy of Self-Screening of Group B Streptococcus in Pregnant Women-A Randomized Crossover Study. <i>Journal of Obstetrics and Gynaecology Canada</i> , 2019 , 41, 792-797	1.3	2

172	Vedolizumab-mediated integrin $\alpha 4 \beta 7$ blockade does not control HIV-1SF162 rebound after combination antiretroviral therapy interruption in humanized mice. <i>Aids</i> , 2019 , 33, F1-F12	3.5	10
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28	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
27	Pathogenesis of pandemic H1N1 2009 influenza virus infection and the implication on management. <i>Frontiers of Medicine in China</i> , 2010 , 4, 147-156		
26	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
25	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
24	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		49
23	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> , 2010 , 5, e13757	3.7	61
22	<i>Capnocytophaga sputigena</i> primary iliopsoas abscess. <i>Journal of Medical Microbiology</i> , 2010 , 59, 1368-1370		11
21	Outbreak of intestinal infection due to <i>Rhizopus microsporus</i> . <i>Journal of Clinical Microbiology</i> , 2009 , 47, 2834-43	9.7	93
20	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
19	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
18	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
17	<i>Clostridium difficile</i> ribotype 027 arrives in Hong Kong. <i>International Journal of Antimicrobial Agents</i> , 2009 , 34, 492-3	14.3	46
16	Successful control of vancomycin-resistant <i>Enterococcus faecium</i> outbreak in a neurosurgical unit at non-endemic region. <i>Emerging Health Threats Journal</i> , 2009 , 2, e9		13
15	Effect of antibiotics on the bacterial load of methicillin-resistant <i>Staphylococcus aureus</i> colonisation in anterior nares. <i>Journal of Hospital Infection</i> , 2008 , 70, 27-34	6.9	47
14	Human metapneumovirus infection in an immunocompetent adult presenting as mononucleosis-like illness. <i>Journal of Infection</i> , 2008 , 56, 389-92	18.9	5
13	A rare cause of infective endocarditis; <i>Lactococcus garvieae</i> . <i>International Journal of Cardiology</i> , 2007 , 114, 286-7	3.2	32
12	Caecal-caecal intussusception caused by <i>Trichuris trichiura</i> in a young healthy adult. <i>Scandinavian Journal of Infectious Diseases</i> , 2006 , 38, 813-5		8
11	False-negative cerebrospinal fluid cryptococcal antigen test due to small-colony variants of <i>Cryptococcus neoformans</i> meningitis in a patient with cystopleural shunt. <i>Scandinavian Journal of Infectious Diseases</i> , 2006 , 38, 1110-4		10

10	Fatal interaction between clarithromycin and colchicine in patients with renal insufficiency: a retrospective study. <i>Clinical Infectious Diseases</i> , 2005 , 41, 291-300	11.6	85
9	Computation of Antigenicity Predicts SARS-CoV-2 Vaccine Breakthrough Variants		1
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	Neutralization of SARS-CoV-2 Omicron variant by sera from BNT162b2 or Coronavac vaccine recipients		24
5	Vaccine-breakthrough infection by the SARS-CoV-2 Omicron variant elicits broadly cross-reactive immune responses		1
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	Performance of At-Home Self-Collected Saliva and Nasal-Oropharyngeal Swabs in the Surveillance of COVID-19		1
1	A molecularly engineered, broad-spectrum anti-coronavirus lectin inhibits SARS-CoV-2 and MERS-CoV infection in vivo		2