

# Kelvin Kai-Wang To

## List of Publications by Year in descending order

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Version: 2024-02-01

324  
papers

42,077  
citations

8755

75  
h-index

3034

188  
g-index

347  
all docs

347  
docs citations

347  
times ranked

57555  
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	13.7	7,120
2	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.	9.1	2,704
3	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.	6.5	2,389
4	Consistent Detection of 2019 Novel Coronavirus in Saliva. <i>Clinical Infectious Diseases</i> , 2020, 71, 841-843.	5.8	1,423
5	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.	1.3	1,266
6	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.	13.7	1,244
7	Striking antibody evasion manifested by the Omicron variant of SARS-CoV-2. <i>Nature</i> , 2022, 602, 676-681.	27.8	1,038
8	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.	5.8	839
9	Human infections with the emerging avian influenza A H7N9 virus from wet market poultry: clinical analysis and characterisation of viral genome. <i>Lancet, The</i> , 2013, 381, 1916-1925.	13.7	781
10	Improved Molecular Diagnosis of COVID-19 by the Novel, Highly Sensitive and Specific COVID-19-RdRp/Hel Real-Time Reverse Transcription-PCR Assay Validated <i>In Vitro</i> and with Clinical Specimens. <i>Journal of Clinical Microbiology</i> , 2020, 58, .	3.9	780
11	Middle East Respiratory Syndrome Coronavirus: Another Zoonotic Betacoronavirus Causing SARS-Like Disease. <i>Clinical Microbiology Reviews</i> , 2015, 28, 465-522.	13.6	703
12	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.	7.3	683
13	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.	5.8	647
14	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.	3.3	624
15	Convalescent Plasma Treatment Reduced Mortality in Patients With Severe Pandemic Influenza A (H1N1) 2009 Virus Infection. <i>Clinical Infectious Diseases</i> , 2011, 52, 447-456.	5.8	596
16	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.	5.8	561
17	Effectiveness of neuraminidase inhibitors in reducing mortality in patients admitted to hospital with influenza A H1N1pdm09 virus infection: a meta-analysis of individual participant data. <i>Lancet Respiratory Medicine, the</i> , 2014, 2, 395-404.	10.7	527
18	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.	5.8	501

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19	Interspecies transmission and emergence of novel viruses: lessons from bats and birds. <i>Trends in Microbiology</i> , 2013, 21, 544-555.	7.7	461
20	Attenuated replication and pathogenicity of SARS-CoV-2 B.1.1.529 Omicron. <i>Nature</i> , 2022, 603, 693-699.	27.8	460
21	Acute SARS-CoV-2 Infection Impairs Dendritic Cell and T Cell Responses. <i>Immunity</i> , 2020, 53, 864-877.e5.	14.3	450
22	Infection of bat and human intestinal organoids by SARS-CoV-2. <i>Nature Medicine</i> , 2020, 26, 1077-1083.	30.7	441
23	SARS-CoV-2 nsp13, nsp14, nsp15 and orf6 function as potent interferon antagonists. <i>Emerging Microbes and Infections</i> , 2020, 9, 1418-1428.	6.5	439
24	Delayed Clearance of Viral Load and Marked Cytokine Activation in Severe Cases of Pandemic H1N1 2009 Influenza Virus Infection. <i>Clinical Infectious Diseases</i> , 2010, 50, 850-859.	5.8	403
25	Middle East Respiratory Syndrome Coronavirus Efficiently Infects Human Primary T Lymphocytes and Activates the Extrinsic and Intrinsic Apoptosis Pathways. <i>Journal of Infectious Diseases</i> , 2016, 213, 904-914.	4.0	379
26	Active Replication of Middle East Respiratory Syndrome Coronavirus and Aberrant Induction of Inflammatory Cytokines and Chemokines in Human Macrophages: Implications for Pathogenesis. <i>Journal of Infectious Diseases</i> , 2014, 209, 1331-1342.	4.0	369
27	Neutralization of Severe Acute Respiratory Syndrome Coronavirus 2 Omicron Variant by Sera From BNT162b2 or CoronaVac Vaccine Recipients. <i>Clinical Infectious Diseases</i> , 2022, 75, e822-e826.	5.8	322
28	Human intestinal tract serves as an alternative infection route for Middle East respiratory syndrome coronavirus. <i>Science Advances</i> , 2017, 3, eaao4966.	10.3	317
29	Broad-spectrum antivirals for the emerging Middle East respiratory syndrome coronavirus. <i>Journal of Infection</i> , 2013, 67, 606-616.	3.3	314
30	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> , 2022, 11, 277-283.	6.5	308
31	Attenuated SARS-CoV-2 variants with deletions at the S1/S2 junction. <i>Emerging Microbes and Infections</i> , 2020, 9, 837-842.	6.5	270
32	Hyperimmune IV Immunoglobulin Treatment. <i>Chest</i> , 2013, 144, 464-473.	0.8	269
33	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.	28.9	216
34	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.	7.1	215
35	Lessons learned 1 year after SARS-CoV-2 emergence leading to COVID-19 pandemic. <i>Emerging Microbes and Infections</i> , 2021, 10, 507-535.	6.5	202
36	Viral load in patients infected with pandemic H1N1 2009 influenza A virus. <i>Journal of Medical Virology</i> , 2010, 82, 1-7.	5.0	200

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37	Differential Cell Line Susceptibility to the Emerging Novel Human Betacoronavirus 2c EMC/2012: Implications for Disease Pathogenesis and Clinical Manifestation. <i>Journal of Infectious Diseases</i> , 2013, 207, 1743-1752.	4.0	195
38	SREBP-dependent lipidomic reprogramming as a broad-spectrum antiviral target. <i>Nature Communications</i> , 2019, 10, 120.	12.8	192
39	Two Years after Pandemic Influenza A/2009/H1N1: What Have We Learned?. <i>Clinical Microbiology Reviews</i> , 2012, 25, 223-263.	13.6	182
40	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.	3.6	175
41	Identification of <i>TMPRSS2</i> as a Susceptibility Gene for Severe 2009 Pandemic A(H1N1) Influenza and A(H7N9) Influenza. <i>Journal of Infectious Diseases</i> , 2015, 212, 1214-1221.	4.0	170
42	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.	6.0	159
43	Cross-reactive antibodies in convalescent SARS patients' sera against the emerging novel human coronavirus EMC (2012) by both immunofluorescent and neutralizing antibody tests. <i>Journal of Infection</i> , 2013, 67, 130-140.	3.3	158
44	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.	1.8	153
45	Productive replication of Middle East respiratory syndrome coronavirus in monocyte-derived dendritic cells modulates innate immune response. <i>Virology</i> , 2014, 454-455, 197-205.	2.4	149
46	Is the discovery of the novel human betacoronavirus 2c EMC/2012 (HCoV-EMC) the beginning of another SARS-like pandemic?. <i>Journal of Infection</i> , 2012, 65, 477-489.	3.3	147
47	MERS coronavirus induces apoptosis in kidney and lung by upregulating Smad7 and FGF2. <i>Nature Microbiology</i> , 2016, 1, 16004.	13.3	140
48	The emergence of influenza A H7N9 in human beings 16 years after influenza A H5N1: a tale of two cities. <i>Lancet Infectious Diseases</i> , The, 2013, 13, 809-821.	9.1	129
49	High neutralizing antibody titer in intensive care unit patients with COVID-19. <i>Emerging Microbes and Infections</i> , 2020, 9, 1664-1670.	6.5	129
50	Emerging SARS-CoV-2 variants expand species tropism to murines. <i>EBioMedicine</i> , 2021, 73, 103643.	6.1	127
51	Clinical management and infection control of SARS: Lessons learned. <i>Antiviral Research</i> , 2013, 100, 407-419.	4.1	122
52	Oral SARS-CoV-2 Inoculation Establishes Subclinical Respiratory Infection with Virus Shedding in Golden Syrian Hamsters. <i>Cell Reports Medicine</i> , 2020, 1, 100121.	6.5	121
53	Pathogenicity, transmissibility, and fitness of SARS-CoV-2 Omicron in Syrian hamsters. <i>Science</i> , 2022, 377, 428-433.	12.6	113
54	Fatal Interaction between Clarithromycin and Colchicine in Patients with Renal Insufficiency: A Retrospective Study. <i>Clinical Infectious Diseases</i> , 2005, 41, 291-300.	5.8	112

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55	Host and viral determinants for efficient SARS-CoV-2 infection of the human lung. <i>Nature Communications</i> , 2021, 12, 134.	12.8	112
56	Outbreak of Intestinal Infection Due to <i>Rhizopus microsporus</i> . <i>Journal of Clinical Microbiology</i> , 2009, 47, 2834-2843.	3.9	110
57	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.	6.5	109
58	SARS-CoV-2 shedding and seroconversion among passengers quarantined after disembarking a cruise ship: a case series. <i>Lancet Infectious Diseases</i> , The, 2020, 20, 1051-1060.	9.1	107
59	Emergence in China of human disease due to avian influenza A(H10N8) – Cause for concern?. <i>Journal of Infection</i> , 2014, 68, 205-215.	3.3	106
60	Clinical, Virological, and Histopathological Manifestations of Fatal Human Infections by Avian Influenza A(H7N9) Virus. <i>Clinical Infectious Diseases</i> , 2013, 57, 1449-1457.	5.8	102
61	Leptin Mediates the Pathogenesis of Severe 2009 Pandemic Influenza A(H1N1) Infection Associated With Cytokine Dysregulation in Mice With Diet-Induced Obesity. <i>Journal of Infectious Diseases</i> , 2013, 207, 1270-1280.	4.0	102
62	Additional molecular testing of saliva specimens improves the detection of respiratory viruses. <i>Emerging Microbes and Infections</i> , 2017, 6, 1-7.	6.5	101
63	Avian-Origin Influenza A(H7N9) Infection in Influenza A(H7N9)-Affected Areas of China: A Serological Study. <i>Journal of Infectious Diseases</i> , 2014, 209, 265-269.	4.0	100
64	Mining of epitopes on spike protein of SARS-CoV-2 from COVID-19 patients. <i>Cell Research</i> , 2020, 30, 702-704.	12.0	100
65	The Natural Viral Load Profile of Patients With Pandemic 2009 Influenza A(H1N1) and the Effect of Oseltamivir Treatment. <i>Chest</i> , 2010, 137, 759-768.	0.8	99
66	Quasispecies of the D225G Substitution in the Hemagglutinin of Pandemic Influenza A(H1N1) 2009 Virus from Patients with Severe Disease in Hong Kong, China. <i>Journal of Infectious Diseases</i> , 2010, 201, 1517-1521.	4.0	99
67	D225G mutation in hemagglutinin of pandemic influenza H1N1 (2009) virus enhances virulence in mice. <i>Experimental Biology and Medicine</i> , 2010, 235, 981-988.	2.4	99
68	Efficacy of Clarithromycin-Naproxen-Oseltamivir Combination in the Treatment of Patients Hospitalized for Influenza A(H3N2) Infection. <i>Chest</i> , 2017, 151, 1069-1080.	0.8	95
69	Prevention of nosocomial transmission of swine-origin pandemic influenza virus A/H1N1 by infection control bundle. <i>Journal of Hospital Infection</i> , 2010, 74, 271-277.	2.9	91
70	Disseminated Penicilliosis, Recurrent Bacteremic Nontyphoidal Salmonellosis, and Burkholderiosis Associated with Acquired Immunodeficiency Due to Autoantibody against Gamma Interferon. <i>Vaccine Journal</i> , 2010, 17, 1132-1138.	3.1	90
71	Epidemiology of Acute Myocarditis/Pericarditis in Hong Kong Adolescents Following Comirnaty Vaccination. <i>Clinical Infectious Diseases</i> , 2022, 75, 673-681.	5.8	88
72	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.	11.0	87

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73	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.	12.8	86
74	Seroprevalence of SARS-CoV-2 in Hong Kong and in residents evacuated from Hubei province, China: a multicohort study. <i>Lancet Microbe</i> , The, 2020, 1, e111-e118.	7.3	86
75	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.	2.5	86
76	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.	5.8	84
77	Olfactory Dysfunction in Coronavirus Disease 2019 Patients: Observational Cohort Study and Systematic Review. <i>Open Forum Infectious Diseases</i> , 2020, 7, ofaa199.	0.9	83
78	High Titer and Avidity of Nonneutralizing Antibodies against Influenza Vaccine Antigen Are Associated with Severe Influenza. <i>Vaccine Journal</i> , 2012, 19, 1012-1018.	3.1	82
79	A Functional Variation in CD55 Increases the Severity of 2009 Pandemic H1N1 Influenza A Virus Infection. <i>Journal of Infectious Diseases</i> , 2012, 206, 495-503.	4.0	79
80	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, 325-330.	3.1	78
81	Immunogenicity of Intradermal Trivalent Influenza Vaccine With Topical Imiquimod: A Double Blind Randomized Controlled Trial. <i>Clinical Infectious Diseases</i> , 2014, 59, 1246-1255.	5.8	77
82	Avian influenza A H5N1 virus: a continuous threat to humans. <i>Emerging Microbes and Infections</i> , 2012, 1, 1-12.	6.5	76
83	Topical imiquimod before intradermal trivalent influenza vaccine for protection against heterologous non-vaccine and antigenically drifted viruses: a single-centre, double-blind, randomised, controlled phase 2b/3 trial. <i>Lancet Infectious Diseases</i> , The, 2016, 16, 209-218.	9.1	75
84	Cross-species transmission and emergence of novel viruses from birds. <i>Current Opinion in Virology</i> , 2015, 10, 63-69.	5.4	74
85	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, 2574.	4.1	74
86	Development and Evaluation of Novel Real-Time Reverse Transcription-PCR Assays with Locked Nucleic Acid Probes Targeting Leader Sequences of Human-Pathogenic Coronaviruses. <i>Journal of Clinical Microbiology</i> , 2015, 53, 2722-2726.	3.9	73
87	Striking antibody evasion manifested by the Omicron variant of SARS-CoV-2. <i>Nature</i> , 0, , .	27.8	72
88	Dose sparing intradermal trivalent influenza (2010/2011) vaccination overcomes reduced immunogenicity of the 2009 H1N1 strain. <i>Vaccine</i> , 2012, 30, 6427-6435.	3.8	71
89	Effect of Clinical and Virological Parameters on the Level of Neutralizing Antibody against Pandemic Influenza A Virus H1N1 2009. <i>Clinical Infectious Diseases</i> , 2010, 51, 274-279.	5.8	70
90	Clinical and Virological Factors Associated with Viremia in Pandemic Influenza A/H1N1/2009 Virus Infection. <i>PLoS ONE</i> , 2011, 6, e22534.	2.5	67

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91	Rapid Spread of Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) Omicron Subvariant BA.2 in a Single-Source Community Outbreak. <i>Clinical Infectious Diseases</i> , 2022, 75, e44-e49.	5.8	66
92	Rhinovirus “ From bench to bedside. <i>Journal of the Formosan Medical Association</i> , 2017, 116, 496-504.	1.7	64
93	Dual-functional peptide with defective interfering genes effectively protects mice against avian and seasonal influenza. <i>Nature Communications</i> , 2018, 9, 2358.	12.8	63
94	From SARS coronavirus to novel animal and human coronaviruses. <i>Journal of Thoracic Disease</i> , 2013, 5 Suppl 2, S103-8.	1.4	63
95	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.	5.8	62
96	COVID-19 salivary signature: diagnostic and research opportunities. <i>Journal of Clinical Pathology</i> , 2021, 74, 344-349.	2.0	62
97	Accurate Diagnosis of COVID-19 by a Novel Immunogenic Secreted SARS-CoV-2 orf8 Protein. <i>MBio</i> , 2020, 11, .	4.1	61
98	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> , 2022, 18, 100360.	2.9	60
99	Mycophenolic acid, an immunomodulator, has potent and broad-spectrum in vitro antiviral activity against pandemic, seasonal and avian influenza viruses affecting humans. <i>Journal of General Virology</i> , 2016, 97, 1807-1817.	2.9	59
100	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, 1447-1456.	2.9	58
101	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.	2.9	58
102	The Lower Serum Immunoglobulin G2 Level in Severe Cases than in Mild Cases of Pandemic H1N1 2009 Influenza Is Associated with Cytokine Dysregulation. <i>Vaccine Journal</i> , 2011, 18, 305-310.	3.1	58
103	A Novel <i>Dirofilaria</i> Species Causing Human and Canine Infections in Hong Kong. <i>Journal of Clinical Microbiology</i> , 2012, 50, 3534-3541.	3.9	58
104	Intravenous Injection of Coronavirus Disease 2019 (COVID-19) mRNA Vaccine Can Induce Acute Myopericarditis in Mouse Model. <i>Clinical Infectious Diseases</i> , 2022, 74, 1933-1950.	5.8	58
105	Differences in Antibody Responses of Individuals with Natural Infection and Those Vaccinated against Pandemic H1N1 2009 Influenza. <i>Vaccine Journal</i> , 2011, 18, 867-873.	3.1	57
106	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.	3.1	57
107	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, 11, 543-547.	6.5	57
108	Concurrent comparison of epidemiology, clinical presentation and outcome between adult patients suffering from the pandemic influenza A (H1N1) 2009 virus and the seasonal influenza A virus infection. <i>Postgraduate Medical Journal</i> , 2010, 86, 515-521.	1.8	55

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109	Identification of specific metabolites in culture supernatant of <i>Mycobacterium tuberculosis</i> using metabolomics: exploration of potential biomarkers. <i>Emerging Microbes and Infections</i> , 2015, 4, 1-10.	6.5	55
110	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, 628.	3.3	55
111	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.	2.4	54
112	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.	2.9	53
113	Nosocomial Outbreak of Coronavirus Disease 2019 by Possible Airborne Transmission Leading to a Superspreading Event. <i>Clinical Infectious Diseases</i> , 2021, 73, e1356-e1364.	5.8	53
114	<i>Clostridium difficile</i> ribotype 027 arrives in Hong Kong. <i>International Journal of Antimicrobial Agents</i> , 2009, 34, 492-493.	2.5	51
115	Internal Transcribed Spacer Region Sequence Heterogeneity in <i>Rhizopus microsporus</i> : Implications for Molecular Diagnosis in Clinical Microbiology Laboratories. <i>Journal of Clinical Microbiology</i> , 2010, 48, 208-214.	3.9	51
116	<i>Clostridium difficile</i> isolates with increased sporulation: emergence of PCR ribotype 002 in Hong Kong. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2011, 30, 1371-81.	2.9	51
117	Generation of DelNS1 Influenza Viruses: a Strategy for Optimizing Live Attenuated Influenza Vaccines. <i>MBio</i> , 2019, 10, .	4.1	51
118	Serum Antibody Profile of a Patient With Coronavirus Disease 2019 Reinfection. <i>Clinical Infectious Diseases</i> , 2021, 72, e659-e662.	5.8	50
119	Avian influenza virus A H7N9 infects multiple mononuclear cell types in peripheral blood and induces dysregulated cytokine responses and apoptosis in infected monocytes. <i>Journal of General Virology</i> , 2017, 98, 922-934.	2.9	49
120	A Novel Psittacine Adenovirus Identified During an Outbreak of Avian Chlamydiosis and Human Psittacosis: Zoonosis Associated with Virus-Bacterium Coinfection in Birds. <i>PLoS Neglected Tropical Diseases</i> , 2014, 8, e3318.	3.0	48
121	Unexpectedly Higher Morbidity and Mortality of Hospitalized Elderly Patients Associated with Rhinovirus Compared with Influenza Virus Respiratory Tract Infection. <i>International Journal of Molecular Sciences</i> , 2017, 18, 259.	4.1	48
122	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.	5.9	48
123	Surfactant Protein B Gene Polymorphism Is Associated With Severe Influenza. <i>Chest</i> , 2014, 145, 1237-1243.	0.8	47
124	Toll-Like Receptor 7 Agonist Imiquimod in Combination with Influenza Vaccine Expedites and Augments Humoral Immune Responses against Influenza A(H1N1)pdm09 Virus Infection in BALB/c Mice. <i>Vaccine Journal</i> , 2014, 21, 570-579.	3.1	47
125	Predisposing Factors, Microbial Characteristics, and Clinical Outcome of Microbial Keratitis in a Tertiary Centre in Hong Kong: A 10-Year Experience. <i>Journal of Ophthalmology</i> , 2015, 2015, 1-9.	1.3	46
126	Lipid metabolites as potential diagnostic and prognostic biomarkers for acute community acquired pneumonia. <i>Diagnostic Microbiology and Infectious Disease</i> , 2016, 85, 249-254.	1.8	46



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127	Analytical Sensitivity of Seven Point-of-Care Influenza Virus Detection Tests and Two Molecular Tests for Detection of Avian Origin H7N9 and Swine Origin H3N2 Variant Influenza A Viruses. <i>Journal of Clinical Microbiology</i> , 2013, 51, 3160-3161.	3.9	45
128	Evaluation of the commercially available LightMix <sup>®</sup> Modular E-gene kit using clinical and proficiency testing specimens for SARS-CoV-2 detection. <i>Journal of Clinical Virology</i> , 2020, 129, 104476.	3.1	45
129	Contribution of low population immunity to the severe Omicron BA.2 outbreak in Hong Kong. <i>Nature Communications</i> , 2022, 13, .	12.8	45
130	Metabolomic Profiling of Plasma from Patients with Tuberculosis by Use of Untargeted Mass Spectrometry Reveals Novel Biomarkers for Diagnosis. <i>Journal of Clinical Microbiology</i> , 2015, 53, 3750-3759.	3.9	44
131	Emergence of Macrolide-Resistant <i>Mycoplasma pneumoniae</i> in Hong Kong Is Linked to Increasing Macrolide Resistance in Multilocus Variable-Number Tandem-Repeat Analysis Type 4-5-7-2. <i>Journal of Clinical Microbiology</i> , 2015, 53, 3560-3564.	3.9	44
132	Enterovirus D68 Infections Associated with Severe Respiratory Illness in Elderly Patients and Emergence of a Novel Clade in Hong Kong. <i>Scientific Reports</i> , 2016, 6, 25147.	3.3	44
133	Functional variants regulating LGALS1 (Galectin 1) expression affect human susceptibility to influenza A(H7N9). <i>Scientific Reports</i> , 2015, 5, 8517.	3.3	43
134	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.	4.0	43
135	Cross-linking peptide and repurposed drugs inhibit both entry pathways of SARS-CoV-2. <i>Nature Communications</i> , 2021, 12, 1517.	12.8	43
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268	Computation of Antigenicity Predicts SARS-CoV-2 Vaccine Breakthrough Variants. <i>Frontiers in Immunology</i> , 2022, 13, 861050.	4.8	8
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