

# Kit Hang Siu

## List of Publications by Year in descending order

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Version: 2024-02-01

44  
papers

1,585  
citations

430874

18  
h-index

315739

38  
g-index

49  
all docs

49  
docs citations

49  
times ranked

2628  
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	2.1	10
2	The Clinical Utility of Two High-Throughput 16S rRNA Gene Sequencing Workflows for Taxonomic Assignment of Unidentifiable Bacterial Pathogens in Matrix-Assisted Laser Desorption Ionization–Time of Flight Mass Spectrometry. <i>Journal of Clinical Microbiology</i> , 2022, 60, JCM0176921.	3.9	13
3	Co-circulation of two SARS-CoV-2 variant strains within imported pet hamsters in Hong Kong. <i>Emerging Microbes and Infections</i> , 2022, 11, 689-698.	6.5	42
4	Probable Animal-to-Human Transmission of Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) Delta Variant AY.127 Causing a Pet Shop-Related Coronavirus Disease 2019 (COVID-19) Outbreak in Hong Kong. <i>Clinical Infectious Diseases</i> , 2022, 75, e76-e81.	5.8	20
5	Explosive outbreak of SARS-CoV-2 Omicron variant is associated with vertical transmission in high-rise residential buildings in Hong Kong. <i>Building and Environment</i> , 2022, 221, 109323.	6.9	13
6	Induction of amphotericin B resistance in susceptible <i>Candida auris</i> by extracellular vesicles. <i>Emerging Microbes and Infections</i> , 2022, 11, 1900-1909.	6.5	12
7	A multi-omics investigation into the mechanisms of hyper-virulence in <i>Mycobacterium tuberculosis</i> . <i>Virulence</i> , 2022, 13, 1088-1100.	4.4	4
8	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
9	Low dose inocula of SARS-CoV-2 Alpha variant transmits more efficiently than earlier variants in hamsters. <i>Communications Biology</i> , 2021, 4, 1102.	4.4	20
10	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.	2.9	20
11	Will a new clade of SARS-CoV-2 imported into the community spark a fourth wave of the COVID-19 outbreak in Hong Kong?. <i>Emerging Microbes and Infections</i> , 2020, 9, 2497-2500.	6.5	17
12	Nanopore Sequencing Reveals Novel Targets for Detection and Surveillance of Human and Avian Influenza A Viruses. <i>Journal of Clinical Microbiology</i> , 2020, 58, .	3.9	19
13	Targeted-Sequencing Workflows for Comprehensive Drug Resistance Profiling of <i>Mycobacterium tuberculosis</i> Cultures Using Two Commercial Sequencing Platforms: Comparison of Analytical and Diagnostic Performance, Turnaround Time, and Cost. <i>Clinical Chemistry</i> , 2020, 66, 809-820.	3.2	25
14	Molecular Characterization of HIV-1 Minority Subtypes in Hong Kong: A Recent Epidemic of CRF07_BC among the Men who have Sex with Men Population. <i>Current HIV Research</i> , 2019, 17, 53-64.	0.5	5
15	Microbiological evaluation of different hand drying methods for removing bacteria from washed hands. <i>Scientific Reports</i> , 2019, 9, 13754.	3.3	9
16	MIRU-profiler: a rapid tool for determination of 24-loci MIRU-VNTR profiles from assembled genomes of <i>Mycobacterium tuberculosis</i> . <i>PeerJ</i> , 2018, 6, e5090.	2.0	10
17	Comparative Whole-Genomic Analysis of an Ancient L2 Lineage <i>Mycobacterium tuberculosis</i> Reveals a Novel Phylogenetic Clade and Common Genetic Determinants of Hypervirulent Strains. <i>Frontiers in Cellular and Infection Microbiology</i> , 2018, 7, 539.	3.9	9
18	Treatment Outcomes of Tuberculosis at Asella Teaching Hospital, Ethiopia: Ten Years’ Retrospective Aggregated Data. <i>Frontiers in Medicine</i> , 2018, 5, 38.	2.6	16

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19	Comprehensive Evaluation of the MBT STAR-BL Module for Simultaneous Bacterial Identification and $\beta$ -Lactamase-Mediated Resistance Detection in Gram-Negative Rods from Cultured Isolates and Positive Blood Cultures. <i>Frontiers in Microbiology</i> , 2018, 9, 334.	3.5	14
20	Diagnostic evaluation of an in-house developed single-tube, duplex, nested IS6110 real-time PCR assay for rapid pulmonary tuberculosis diagnosis. <i>Tuberculosis</i> , 2018, 112, 120-125.	1.9	8
21	Development of an in-house real-time pcr to monitor the prevalence of macrolide-resistant <i>Mycoplasma pneumoniae</i> in Hong Kong. <i>Pathology</i> , 2017, 49, S116.	0.6	0
22	The epidemiology, pathogenesis, transmission, diagnosis, and management of multidrug-resistant, extensively drug-resistant, and incurable tuberculosis. <i>Lancet Respiratory Medicine</i> , the, 2017, 5, 291-360.	10.7	459
23	Direct detection of <i>Mycobacterium tuberculosis</i> and drug resistance in respiratory specimen using Abbott RealTime MTB detection and RIF/INH resistance assay. <i>Diagnostic Microbiology and Infectious Disease</i> , 2017, 89, 118-124.	1.8	18
24	GAAP: Genome-organization-framework-Assisted Assembly Pipeline for prokaryotic genomes. <i>BMC Genomics</i> , 2017, 18, 952.	2.8	13
25	Comparative Genomic Analysis of Two Clonally Related Multidrug Resistant <i>Mycobacterium tuberculosis</i> by Single Molecule Real Time Sequencing. <i>Frontiers in Cellular and Infection Microbiology</i> , 2017, 7, 478.	3.9	9
26	Utilization of a Duplex HybProbe Real-Time PCR to Detect and Estimate IL-28B Polymorphisms Prevalence among HIV/HCV Co-infected Patients in Hong Kong. , 2015, 04, .		0
27	Performance of the new automated Abbott RealTime MTB assay for rapid detection of <i>Mycobacterium tuberculosis</i> complex in respiratory specimens. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2015, 34, 1827-1832.	2.9	31
28	Performance of the VITEK MS matrix-assisted laser desorption ionization-time of flight mass spectrometry system for rapid bacterial identification in two diagnostic centres in China. <i>Journal of Medical Microbiology</i> , 2015, 64, 18-24.	1.8	25
29	Performance Evaluation of the Verigene Gram-Positive and Gram-Negative Blood Culture Test for Direct Identification of Bacteria and Their Resistance Determinants from Positive Blood Cultures in Hong Kong. <i>PLoS ONE</i> , 2015, 10, e0139728.	2.5	36
30	Cationic amphipathic D-enantiomeric antimicrobial peptides with inÂvitro and exÂvivo activity against drug-resistant <i>Mycobacterium tuberculosis</i> . <i>Tuberculosis</i> , 2014, 94, 678-689.	1.9	42
31	An Upstream Truncation of the <i>furA-katG</i> Operon Confers High-Level Isoniazid Resistance in a <i>Mycobacterium tuberculosis</i> Clinical Isolate with No Known Resistance-Associated Mutations. <i>Antimicrobial Agents and Chemotherapy</i> , 2014, 58, 6093-6100.	3.2	34
32	Rapid Identification of <i>Mycobacteria</i> and Rapid Detection of Drug Resistance in <i>Mycobacterium tuberculosis</i> in Cultured Isolates and in Respiratory Specimens. <i>Methods in Molecular Biology</i> , 2013, 943, 171-199.	0.9	6
33	Evaluation of the LightCycler Methicillin-Resistant <i>Staphylococcus aureus</i> (MRSA) Advanced Test for Detection of MRSA Nasal Colonization. <i>Journal of Clinical Microbiology</i> , 2013, 51, 2869-2874.	3.9	22
34	Direct Bacterial Identification in Positive Blood Cultures by Use of Two Commercial Matrix-Assisted Laser Desorption Ionization–Time of Flight Mass Spectrometry Systems. <i>Journal of Clinical Microbiology</i> , 2013, 51, 1733-1739.	3.9	132
35	Conformational Flexibility Determines Selectivity and Antibacterial, Antiplasmodial, and Anticancer Potency of Cationic $\alpha$ -Helical Peptides*. <i>Journal of Biological Chemistry</i> , 2012, 287, 34120-34133.	3.4	78
36	Epidemiology of <i>Klebsiella oxytoca</i> -Associated Diarrhea Detected by Simmons Citrate Agar Supplemented with Inositol, Tryptophan, and Bile Salts. <i>Journal of Clinical Microbiology</i> , 2012, 50, 1571-1579.	3.9	24

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37	Molecular characterization of fluoroquinolone-resistant <i>Mycobacterium tuberculosis</i> clinical isolates from Shanghai, China. <i>Diagnostic Microbiology and Infectious Disease</i> , 2012, 73, 260-263.	1.8	19
38	High-Resolution Melting Analysis for the Rapid Detection of Fluoroquinolone and Streptomycin Resistance in <i>Mycobacterium tuberculosis</i> . <i>PLoS ONE</i> , 2012, 7, e31934.	2.5	32
39	Direct detection of isoniazid-resistant <i>Mycobacterium tuberculosis</i> in respiratory specimens by multiplex allele-specific polymerase chain reaction. <i>Diagnostic Microbiology and Infectious Disease</i> , 2011, 69, 51-58.	1.8	15
40	<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
41	Mutations outside the rifampicin resistance-determining region associated with rifampicin resistance in <i>Mycobacterium tuberculosis</i> . <i>Journal of Antimicrobial Chemotherapy</i> , 2011, 66, 730-733.	3.0	99
42	Rapid Detection of Rifampicin- and Isoniazid-Resistant <i>Mycobacterium tuberculosis</i> by High-Resolution Melting Analysis. <i>Journal of Clinical Microbiology</i> , 2010, 48, 1047-1054.	3.9	45
43	Rapid diagnosis of multidrug-resistant smear-positive pulmonary tuberculosis. <i>International Journal of Antimicrobial Agents</i> , 2010, 35, 202-203.	2.5	4
44	Characterisation of methicillin-resistant <i>Staphylococcus aureus</i> isolates from dogs and their owners. <i>Clinical Microbiology and Infection</i> , 2007, 13, 731-733.	6.0	36