Kin Ming Tsui

List of Publications by Year
in descending order

121 papers	3,733 citations	159358 30 h-index	155451 55 g-index
129 all docs	129 docs citations	129 times ranked	4076 citing authors

#	Article	IF	Citations
1	The Faces of Fungi database: fungal names linked with morphology, phylogeny and human impacts. Fungal Diversity, 2015, 74, 3-18.	4.7	471
2	Friends or foes? Emerging insights from fungal interactions with plants. FEMS Microbiology Reviews, 2016, 40, 182-207.	3.9	238
3	Genome and transcriptome analyses of the mountain pine beetle-fungal symbiont Grosmannia clavigera , a lodgepole pine pathogen. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 2504-2509.	3.3	218
4	Role of fungi in freshwater ecosystems. Biodiversity and Conservation, 1998, 7, 1187-1206.	1.2	180
5	Disease-induced changes in plant microbiome assembly and functional adaptation. Microbiome, 2021, 9, 187.	4.9	157
6	Genetic Diversity of the Cryptococcus Species Complex Suggests that Cryptococcus gattii Deserves to Have Varieties. PLoS ONE, 2009, 4, e5862.	1.1	144
7	Labyrinthulomycetes phylogeny and its implications for the evolutionary loss of chloroplasts and gain of ectoplasmic gliding. Molecular Phylogenetics and Evolution, 2009, 50, 129-140.	1.2	104
8	Revision of lignicolous Tubeufiaceae based on morphological reexamination and phylogenetic analysis. Fungal Diversity, 2011, 51, 63-102.	4.7	95
9	Molecular phylogeny, pathogenicity and toxigenicity of Fusarium oxysporum f. sp. lycopersici. Scientific Reports, 2016, 6, 21367.	1.6	89
10	Multigene phylogeny of filamentous ambrosia fungi associated with ambrosia and bark beetles. Mycological Research, 2009, 113, 822-835.	2.5	88
11	The worldâ€™s ten most feared fungi. Fungal Diversity, 2018, 93, 161-194.	4.7	85
12	Molecular techniques for pathogen identification and fungus detection in the environment. IMA Fungus, 2011, 2, 177-189.	1.7	81
13	Biodiversity of fungi on submerged wood in Hong Kong streams. Aquatic Microbial Ecology, 2000, 21, 289-298.	0.9	81
14	The molecular phylogeny of aquatic hyphomycetes with affinity to the Leotiomycetes. Fungal Biology, 2013, 117, 660-672.	1.1	75
15	Phylogenetic relationships and convergence of helicosporous fungi inferred from ribosomal DNA sequences. Molecular Phylogenetics and Evolution, 2006, 39, 587-597.	1.2	62
16	Hyperbranched rolling circle amplification as a rapid and sensitive method for species identification within the Cryptococcus species complex. Electrophoresis, 2008, 29, 3183-3191.	1.3	59
17	Real-Time SARS-CoV-2 Genotyping by High-Throughput Multiplex PCR Reveals the Epidemiology of the Variants of Concern in Qatar. International Journal of Infectious Diseases, 2021, 112, 52-54.	1.5	59
18	Re-examining the phylogeny of clinically relevant Candida species and allied genera based on multigene analyses. FEMS Yeast Research, 2008, 8, 651-659.	1.1	54

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19	Genetic and genomic evidence of niche partitioning and adaptive radiation in mountain pine beetle fungal symbionts. Molecular Ecology, 2017, 26, 2077-2091.	2.0	52
20	Unequal Recombination and Evolution of the Mating-Type (MAT) Loci in the Pathogenic Fungus Grosmannia clavigera and Relatives. G3: Genes, Genomes, Genetics, 2013, 3, 465-480.	0.8	49
21	Molecular systematics of Helicoma, Helicomyces and Helicosporium and their teleomorphs inferred from rDNA sequences. Mycologia, 2006, 98, 94-104.	0.8	47
22	Asexual Propagation of a Virulent Clone Complex in a Human and Feline Outbreak of Sporotrichosis. Eukaryotic Cell, 2015, 14, 158-169.	3.4	47
23	Population structure and migration pattern of a conifer pathogen,Grosmannia clavigera, as influenced by its symbiont, the mountain pine beetle. Molecular Ecology, 2012, 21, 71-86.	2.0	46
24	Changes in Bacterial and Fungal Microbiomes Associated with Tomatoes of Healthy and Infected by Fusarium oxysporum f. sp. lycopersici. Microbial Ecology, 2021, 81, 1004-1017.	1.4	39
25	Giardia spp. Are Commonly Found in Mixed Assemblages in Surface Water, as Revealed by Molecular and Whole-Genome Characterization. Applied and Environmental Microbiology, 2015, 81, 4827-4834.	1.4	38
26	Longitudinal and temporal distribution of freshwater ascomycetes and dematiaceous hyphomycetes on submerged wood in the Lam Tsuen River, Hong Kong. Journal of the North American Benthological Society, 2001, 20, 533-549.	3.0	36
27	The halotolerant fungus Glomerobolus gelineus is a member of the Ostropales. Mycological Research, 2006, 110, 257-263.	2.5	35
28	The genera Aniptodera, Halosarpheia, Nais and Phaeonectriella from freshwater habitats. Mycoscience, 1999, 40, 165-183.	0.3	34
29	Beaver Fever: Whole-Genome Characterization of Waterborne Outbreak and Sporadic Isolates To Study the Zoonotic Transmission of Giardiasis. MSphere, 2018, 3, .	1.3	34
30	Docosahexaenoic acid production and ultrastructure of the thraustochytrid Aurantiochytrium mangrovei MP2 under high glucose concentrations. Mycoscience, 2008, 49, 266-270.	0.3	30
31	Protein tyrosine kinase, PtkA, is required for Mycobacterium tuberculosis growth in macrophages. Scientific Reports, 2018, 8, 155.	1.6	30
32	Population Structure of Mountain Pine Beetle Symbiont Leptographium longiclavatum and the Implication on the Multipartite Beetle-Fungi Relationships. PLoS ONE, 2014, 9, e105455.	1.1	30
33	Four new species of Xylomyces from submerged wood. Mycological Research, 1997, 101, 1323-1328.	2.5	26
34	Triazole phenotypes and genotypic characterization of clinical Aspergillus fumigatus isolates in China. Emerging Microbes and Infections, 2017, 6, 1-6.	3.0	26
35	New species or records ofCacumisporium, Helicosporium, MonotosporellaandBahusutrabeejaon submerged wood in Hong Kong streams. Mycologia, 2001, 93, 389-397.	0.8	25
36	Rapid identification and detection of pine pathogenic fungi associated with mountain pine beetles by padlock probes. Journal of Microbiological Methods, 2010, 83, 26-33.	0.7	24

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37	Genome-Enhanced Detection and Identification (GEDI) of plant pathogens. PeerJ, 2018, 6, e4392.	0.9	24
38	Brunneosporella aquatica gen. et sp. nov., Aqualignicola hyalina gen. et sp. nov., Jobellisia viridifusca sp. nov. and Porosphaerellopsis bipolaris sp. nov. (ascomycetes) from submerged wood in freshwater habitats. Mycological Research, 2001, 105, 625-633.	2.5	23
39	Colonization patterns of wood-inhabiting fungi on baits in Hong Kong rivers, with reference to the effects of organic pollution. Antonie Van Leeuwenhoek, 2001, 79, 33-38.	0.7	23
40	Biology and Ecology of Freshwater Fungi. Fungal Biology, 2016, , 285-313.	0.3	22
41	Molecular characterization of clinical carbapenem-resistant Enterobacterales from Qatar. European Journal of Clinical Microbiology and Infectious Diseases, 2021, 40, 1779-1785.	1.3	22
42	Global Spread of Human Chromoblastomycosis Is Driven by Recombinant Cladophialophora carrionii and Predominantly Clonal Fonsecaea Species. PLoS Neglected Tropical Diseases, 2015, 9, e0004004.	1.3	21
43	Colonization History, Host Distribution, Anthropogenic Influence and Landscape Features Shape Populations of White Pine Blister Rust, an Invasive Alien Tree Pathogen. PLoS ONE, 2015, 10, e0127916.	1.1	19
44	A metagenomics-based diagnostic approach for central nervous system infections in hospital acute care setting. Scientific Reports, 2020, 10, 11194.	1.6	19
45	First Case of Rhinocerebral Mucormycosis Caused by Lichtheimia ornata, with a Review of Lichtheimia Infections. Mycopathologia, 2020, 185, 555-567.	1.3	18
46	The hyphomycete genus Acrogenospora, with two new species and two new combinations. Mycological Research, 1998, 102, 1309-1315.	2.5	17
47	Molecular Characterization of Extended-Spectrum Î²-Lactamaseâ€“Producing Escherichia coli and Klebsiella pneumoniae Among the Pediatric Population in Qatar. Frontiers in Microbiology, 2020, 11, 581711.	1.5	16
48	Evaluation of VITEK MS, Clin-ToF-II MS, Autof MS 1000 and VITEK 2 ANC card for identification of Bacteroides fragilis group isolates and antimicrobial susceptibilities of these isolates in a Chinese university hospital. Journal of Microbiology, Immunology and Infection, 2019, 52, 456-464.	1.5	15
49	Intraspecific Diversity and Taxonomy of Emmonsia crescens. Mycopathologia, 2020, 185, 613-627.	1.3	15
50	Vertexicola caudatusgen. et sp. nov., and a new species ofRivulicolafrom submerged wood in freshwater habitats. Mycologia, 2000, 92, 1019-1026.	0.8	14
51	Fungi on submerged wood in the Koito River, Japan. Mycoscience, 2003, 44, 55-59.	0.3	14
52	Improved detection and identification of the sudden oak death pathogen Phytophthora ramorum and the Port Orford cedar root pathogen Phytophthora lateralis. Plant Pathology, 2019, 68, 878-888.	1.2	14
53	Whole-Genome Sequencing for Molecular Characterization of Carbapenem-Resistant Enterobacteriaceae Causing Lower Urinary Tract Infection among Pediatric Patients. Antibiotics, 2021, 10, 972.	1.5	14
54	Paraniesslia tuberculata gen. et sp. nov., and new records or species of Clypeosphaeria, Leptosphaeria and Astrosphaeriella in Hong Kong freshwater habitats. Mycologia, 2001, 93, 1002-1009.	0.8	13

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55	Three new species of Annulatascus (Ascomycetes) from Hong Kong freshwater habitats. Mycoscience, 2002, 43, 383-389.	0.3	13
56	Singleâ€nucleotide polymorphism discovery in <scp>L</scp>eptographium longiclavatum, a mountain pine beetleâ€associated symbiotic fungus, using wholeâ€genome resequencing. Molecular Ecology Resources, 2014, 14, 401-410.	2.2	13
57	Genomic Epidemiology of Candida auris in Qatar Reveals Hospital Transmission Dynamics and a South Asian Origin. Journal of Fungi (Basel, Switzerland), 2021, 7, 240.	1.5	13
58	Potency of Olorofim (F901318) Compared to Contemporary Antifungal Agents against Clinical Aspergillus fumigatus Isolates and Review of Azole Resistance Phenotype and Genotype Epidemiology in China. Antimicrobial Agents and Chemotherapy, 2021, 65, .	1.4	13
59	Reflections on Menisporopsis, with the addition of M. multisetulata sp. nov. from submerged wood in Hong Kong. Mycological Research, 1999, 103, 148-152.	2.5	12
60	Torrentispora fibrosa gen. sp. nov. (Annulatascaceae) from freshwater habitats. Mycological Research, 2000, 104, 1399-1403.	2.5	12
61	New Species or Records of Cacumisporium, Helicosporium, Monotosporella and Bahusutrabeeja on Submerged Wood in Hong Kong Streams. Mycologia, 2001, 93, 389.	0.8	12
62	Paraniesslia tuberculata gen. et sp. nov., and New Records or Species of Clypeosphaeria, Leptosphaeria and Astrosphaeriella in Hong Kong Freshwater Habitats. Mycologia, 2001, 93, 1002.	0.8	12
63	Zoospore production and motility of mangrove thraustochytrids from Hong Kong under various salinities. Mycoscience, 2012, 53, 1-9.	0.3	12
64	The MAT1-1:MAT1-2 Ratio of Sporothrix globosa Isolates in Japan. Mycopathologia, 2015, 179, 81-86.	1.3	12
65	Emerging Cryptococcus gattii species complex infections in Guangxi, southern China. PLoS Neglected Tropical Diseases, 2020, 14, e0008493.	1.3	12
66	MymA Bioactivated Thioalkylbenzoxazole Prodrug Family Active against Mycobacterium tuberculosis. Journal of Medicinal Chemistry, 2020, 63, 4732-4748.	2.9	12
67	Contribution to rust flora in China I, tremendous diversity from natural reserves and parks. Fungal Diversity, 2021, 110, 1-58.	4.7	12
68	Three new species of Aquaticola (Ascomycetes) from tropical freshwater habitats. Nova Hedwigia, 2003, 77, 161-168.	0.2	11
69	Tubeufia asiana, the teleomorph of Aquaphila albicans in the Tubeufiaceae, Pleosporales, based on cultural and molecular data. Mycologia, 2007, 99, 884-894.	0.8	11
70	Transcriptional profile of the human skin pathogenic fungus Mucor irregularis in response to low oxygen. Medical Mycology, 2018, 56, 631-644.	0.3	11
71	Plasmid-mediated colistin resistance encoded by mcr-1 gene in Escherichia coli co-carrying blaCTX-M-15 and blaNDM-1 genes in pediatric patients in Qatar. Journal of Global Antimicrobial Resistance, 2020, 22, 662-663.	0.9	11
72	Phylogeny and biogeography of the Japanese rhinoceros beetle, Trypoxylus dichotomus (Coleoptera:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	0.8	11

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73	Draft Genome Sequence of an Extended-Spectrum Î²-Lactamase-Producing Klebsiella oxytoca Strain Bearing mcr-9 from Qatar. Microbiology Resource Announcements, 2020, 9, .	0.3	10
74	A new species of Clohiesia from Hong Kong. Mycoscience, 1998, 39, 257-259.	0.3	9
75	Three new Ophioceras species (Ascomycetes) from the tropics. Mycoscience, 2001, 42, 321-326.	0.3	9
76	Characterization of microsatellite loci in the fungus, Grosmannia clavigera, a pine pathogen associated with the mountain pine beetle. Molecular Ecology Resources, 2009, 9, 1500-1503.	2.2	9
77	Transfer of two Helicoma species to Troposporella based on molecular and morphological data. Mycoscience, 2010, 51, 144-148.	0.3	9
78	Misidentification of OLGA-PH-J/92, believed to be the only crustacean cell line. In Vitro Cellular and Developmental Biology - Animal, 2011, 47, 665-674.	0.7	9
79	Vertexicola caudatus gen. et sp. nov., and a New Species of Rivulicola from Submerged Wood in Freshwater Habitats. Mycologia, 2000, 92, 1019.	0.8	8
80	Cryptic Speciation in Western North America and Eastern Eurasia of the Pathogens Responsible for Laminated Root Rot. Phytopathology, 2019, 109, 456-468.	1.1	8
81	Phylogenetic Relationships, Speciation, and Origin of Armillaria in the Northern Hemisphere: A Lesson Based on rRNA and Elongation Factor 1-Alpha. Journal of Fungi (Basel, Switzerland), 2021, 7, 1088.	1.5	8
82	Elegantimyces sporidesmiopsis gen. et sp. nov. on submerged wood from Hong Kong. Mycological Research, 1998, 102, 239-242.	2.5	7
83	The influence of the mating type on virulence of Mucor irregularis. Scientific Reports, 2017, 7, 10629.	1.6	7
84	Unusual accumulation of a wide array of antimicrobial resistance mechanisms in a patient with cytomegalovirus-associated hemophagocytic lymphohistiocytosis: a case report. BMC Infectious Diseases, 2020, 20, 237.	1.3	7
85	A new freshwater species of Saccardoella from Hong Kong and South Africa. Mycologia, 1998, 90, 701-704.	0.8	6
86	Massarina proprietunicata sp. nov., from submerged wood in streams in Hong Kong. Mycological Research, 1999, 103, 1575-1578.	2.5	6
87	Fungi on Juncus roemerianus. 17. New ascomycetes and the hyphomycete genus Kolletes gen. nov.. Botanica Marina, 2005, 48, .	0.6	6
88	Methods for Sampling and Analyzing Wetland Fungi. , 2013, , 93-121.		6
89	Fecal Carriage and Molecular Characterization of Carbapenemase-Producing Enterobacterales in the Pediatric Population in Qatar. Microbiology Spectrum, 2021, 9, e0112221.	1.2	6
90	Cryptic Species Diversity and Phylogenetic Relationship in the Rust Genus Chrysomyxa from China. Journal of Fungi (Basel, Switzerland), 2022, 8, 83.	1.5	6

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91	A New Freshwater Species of Saccardoella from Hong Kong and South Africa. Mycologia, 1998, 90, 701.	0.8	5
92	New records or species of Dictyochaeta, Endophragmiella and Ramichloridium from submerged wood in Hong Kong freshwater streams. Cryptogamie, Mycologie, 2001, 22, 139-145.	0.2	5
93	First Report of Pitch Canker Disease Caused by Rhizosphaera kalkhoffii on Pinus sylvestris in China. Plant Disease, 2013, 97, 283-283.	0.7	5
94	Genotyping and Drug Resistance Profile of Clinical Isolates of Candida albicans from Vulvovaginal Candidiasis in the Eastern China. Mycopathologia, 2022, 187, 217-224.	1.3	5
95	Reflections on the genusVanakripa, and a description ofV. ellipsoideasp. nov. Mycologia, 2003, 95, 124-127.	0.8	4
96	Helicocentralis hyalina gen. et sp. nov., an aero-aquatic helicosporous fungus (Leotiomycetes,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 542	0.5	4
97	Phylogenetic evidence places the coralloid jelly fungus Tremellodendropsis tuberosa (Tremellodendropsidales) among early diverging Agaricomycetes. Mycological Progress, 2016, 15, 939-946.	0.5	4
98	Fine-scale genetic diversity and relatedness in fungi associated with the mountain pine beetle. Canadian Journal of Forest Research, 2019, 49, 933-941.	0.8	4
99	Genetic Structure and Asymmetric Migration of Wheat Stripe Rust Pathogen in Western Epidemic Areas of China. Phytopathology, 2021, 111, 1252-1260.	1.1	4
100	Peritoneal Dialysisâ€“Associated Peritonitis Caused by Mycobacterium abscessus in Childrenâ€”A Case Report. Open Forum Infectious Diseases, 2021, 8, ofaa579.	0.4	4
101	Emerging fungal pathogen: Candida auris. Evolution, Medicine and Public Health, 2021, 9, 246-247.	1.1	3
102	Yinmingella mitriformis gen. et sp.nov., a new sporodochial hyphomycete from submerged wood in Hong Kong. Canadian Journal of Botany, 1998, 76, 1693-1697.	1.2	2
103	Reflections on the Genus Vanakripa, and a Description of V. ellipsoidea sp. nov.. Mycologia, 2003, 95, 124.	0.8	2
104	Genome Sequences of the Mycobacterium tuberculosis H37Rv- ptkA Deletion Mutant and Its Parental Strain. Genome Announcements, 2017, 5, .	0.8	2
105	Trends in fecal carriage of carbapenemase-producing Enterobacterales in children before and after the implementation of international travel restrictions in response to COVID-19. Travel Medicine and Infectious Disease, 2021, 43, 102120.	1.5	2
106	Dothiorella magnoliae, a new species associated with dieback of Magnolia grandiflora from China. Mycosphere, 2017, 8, 1031-1041.	1.9	2
107	Ultrastructural Studies of Massarina ingoldiana and M. purpurascens. Mycologia, 1999, 91, 721.	0.8	1
108	Draft Genome Sequences of Two Streptococcus pneumoniae Strains Causing Invasive Infections in Children in Qatar. Microbiology Resource Announcements, 2019, 8, .	0.3	1

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109	Draft Genome Sequence of Rhodotorula mucilaginosa from an Adult Patient in Qatar. Microbiology Resource Announcements, 2021, 10, e0072521.	0.3	1
110	Bioprospecting Fungi and the Labyrinthulomycetes at the Oceanâ€“ÂŁand Interface. , 2015, , 379-392.		0
111	Transcriptional profile of the human skin pathogenic fungus Mucor irregularis in response to low oxygen. Medical Mycology, 2018, 56, e2-e2.	0.3	0
112	Draft Genome Sequences of Seven Vibrio cholerae Isolates from Adult Patients in Qatar. Microbiology Resource Announcements, 2021, 10, .	0.3	0
113	Monitoring the effect of environmental conditions on safety of fresh produce sold in Qatarâ€™s wholesale market. International Journal of Environmental Health Research, 2021, , 1-19.	1.3	0
114	A Re-Visit to the Evolution and Ecophysiology of the Labyrinthulomycetes. , 0, , .		0
115	1247. Molecular Epidemiology of Multi-drug Resistant Klebsiella pneumoniae and K. quasipneumoniae in Qatar. Open Forum Infectious Diseases, 2021, 8, S712-S712.	0.4	0
116	First report of NDM-1-producing Pseudomonas aeruginosa in the Arabian Peninsula. Journal of Global Antimicrobial Resistance, 2021, , .	0.9	0
117	Emerging Cryptococcus gattii species complex infections in Guangxi, southern China. , 2020, 14, e0008493.		0
118	Emerging Cryptococcus gattii species complex infections in Guangxi, southern China. , 2020, 14, e0008493.		0
119	Emerging Cryptococcus gattii species complex infections in Guangxi, southern China. , 2020, 14, e0008493.		0
120	Emerging Cryptococcus gattii species complex infections in Guangxi, southern China. , 2020, 14, e0008493.		0
121	Hit Compounds and Associated Targets in Intracellular Mycobacterium tuberculosis. Molecules, 2022, 27, 4446.	1.7	0