Meng Xiao

List of Publications by Year in Descending Order

109 papers	4,124 citations	24 h-index	63 g-index
118 ext. papers	5,225 ext. citations	6.8 avg, IF	5.44 L-index

#	Paper	IF	Citations
109	Differences in intestinal microbiome are associated with the mortality of COVID-19 patients in intensive care units.. *Science China Life Sciences*, **2022**, 1	8.5	
108	Fighting COVID-19: a qualitative study into the lives of intensive care unit survivors in Wuhan, China.. *BMJ Open*, **2022**, 12, e055365	3	0
107	Persistence of an epidemic cluster of in multiple geographic regions in China and the emergence of a 5-flucytosine resistant clone.. *Emerging Microbes and Infections*, **2022**, 1-37	18.9	0
106	Metatranscriptomic analysis of host response and vaginal microbiome of patients with severe COVID-19.. *Science China Life Sciences*, **2022**, 1	8.5	0
105	In vitro Activity of Isavuconazole and Comparators Against Clinical Isolates of Molds from a Multicenter Study in China.. *Infection and Drug Resistance*, **2022**, 15, 2101-2113	4.2	0
104	Continual Decline in Azole Susceptibility Rates in Over a 9-Year Period in China. *Frontiers in Microbiology*, **2021**, 12, 702839	5.7	0
103	Syndecan-1, an indicator of endothelial glycocalyx degradation, predicts outcome of patients admitted to an ICU with COVID-19. *Molecular Medicine*, **2021**, 27, 151	6.2	1
102	Investigation of the Emerging Nosocomial Infections at a Chinese Tertiary Teaching Hospital and a Systemic Review: Clinical Manifestations, Risk Factors, Treatment, Outcomes, and Anti-fungal Susceptibility. *Frontiers in Microbiology*, **2021**, 12, 744502	5.7	2
101	SARS-CoV-2 not found in pressure injury exudates from COVID-19 patients. *Journal of Cosmetic Dermatology*, **2021**, 20, 372-380	2.5	2
100	Species identification and antifungal susceptibility testing of Aspergillus strains isolated from patients with otomycosis in northern China. *Journal of Microbiology, Immunology and Infection*, **2021** ,	8.5	4
99	Diagnostic accuracy of the 1,3-beta-D-glucan test and lactate dehydrogenase for pneumocystis pneumonia in non-HIV patients. *Scientific Reports*, **2021**, 11, 9226	4.9	1
98	GLUT3 as an Intersection of Glycerophospholipid Metabolism and the Innate Immune Response to. *Frontiers in Cellular and Infection Microbiology*, **2021**, 11, 648988	5.9	1
97	Species distribution and antifungal susceptibilities of clinical isolates of Penicillium and Talaromyces species in China. *International Journal of Antimicrobial Agents*, **2021**, 58, 106349	14.3	1
96	Laboratory diagnosis of COVID-19 in China: A review of challenging cases and analysis. *Journal of Microbiology, Immunology and Infection*, **2021**, 54, 17-26	8.5	5
95	Fast Screening and Primary Diagnosis of COVID-19 by ATR-FT-IR. *Analytical Chemistry*, **2021**, 93, 2191-2198	7.8	19
94	Risk factors for mortality due to COVID-19 in intensive care units: a single-center study. *Annals of Translational Medicine*, **2021**, 9, 276	3.2	
93	Evaluation of Autof MS 1000 and Vitek MS MALDI-TOF MS System in Identification of Closely-Related Yeasts Causing Invasive Fungal Diseases. *Frontiers in Cellular and Infection Microbiology*, **2021**, 11, 628828	5.9	7

92	Developing Two Rapid Protein Extraction Methods Using Focused-Ultrasonication and Zirconia-Silica Beads for Filamentous Fungi Identification by MALDI-TOF MS. *Frontiers in Cellular and Infection Microbiology*, **2021**, 11, 687240	5.9	0
91	Matrix-Assisted Laser Desorption/Ionization Time of Flight Mass Spectrometry (MALDI-TOF MS) Analysis for the Identification of Pathogenic Microorganisms: A Review. *Microorganisms*, **2021**, 9,	4.9	9
90	Dynamic landscape mapping of humoral immunity to SARS-CoV-2 identifies non-structural protein antibodies associated with the survival of critical COVID-19 patients. *Signal Transduction and Targeted Therapy*, **2021**, 6, 304	21	7
89	IP-10 and MCP-1 as biomarkers associated with disease severity of COVID-19. *Molecular Medicine*, **2020**, 26, 97	6.2	84
88	Prevalence of nontuberculous mycobacteria in a tertiary hospital in Beijing, China, January 2013 to December 2018. *BMC Microbiology*, **2020**, 20, 158	4.5	6
87	Distribution and Antifungal Susceptibility of Candida Species Causing Candidemia in China: An Update From the CHIF-NET Study. *Journal of Infectious Diseases*, **2020**, 221, S139-S147	7	24
86	Activity of a New Fourth-Generation Cephalosporin, Cefoselis, Against Clinically Important Bacterial Pathogens in China. *Frontiers in Microbiology*, **2020**, 11, 180	5.7	2
85	Profiling Early Humoral Response to Diagnose Novel Coronavirus Disease (COVID-19). *Clinical Infectious Diseases*, **2020**, 71, 778-785	11.6	986
84	Antiphospholipid Antibodies in Critically Ill Patients With COVID-19. *Arthritis and Rheumatology*, **2020**, 72, 1998-2004	9.5	75
83	Molecular Characterization of by Microsatellite Typing and Emergence of Clonal Antifungal Drug Resistant Strains in a Multicenter Surveillance in China. *Frontiers in Microbiology*, **2020**, 11, 1320	5.7	7
82	Profile of natural anticoagulant, coagulant factor and anti-phospholipid antibody in critically ill COVID-19 patients. *Journal of Thrombosis and Thrombolysis*, **2020**, 50, 580-586	5.1	83
81	Correlation between cytokines and coagulation-related parameters in patients with coronavirus disease 2019 admitted to ICU. *Clinica Chimica Acta*, **2020**, 510, 47-53	6.2	13
80	Molecular identification of Cryptococcus gattii from cerebrospinal fluid using single-cell sequencing: A case study. *Journal of Infection*, **2020**, 81, 634-638	18.9	3
79	SARS-CoV-2 Is Not Detectable in the Vaginal Fluid of Women With Severe COVID-19 Infection. *Clinical Infectious Diseases*, **2020**, 71, 813-817	11.6	111
78	Coagulopathy and Antiphospholipid Antibodies in Patients with Covid-19. *New England Journal of Medicine*, **2020**, 382, e38	59.2	1415
77	The tcdA-negative and tcdB-positive Clostridium difficile ST81 clone exhibits a high level of resistance to fluoroquinolones: a multi-centre study in Beijing, China. *International Journal of Antimicrobial Agents*, **2020**, 56, 105981	14.3	5
76	Antimicrobial activity of omadacycline in vitro against bacteria isolated from 2014 to 2017 in China, a multi-center study. *BMC Microbiology*, **2020**, 20, 350	4.5	5
75	Neurological Manifestations in Critically Ill Patients With COVID-19: A Retrospective Study. *Frontiers in Neurology*, **2020**, 11, 806	4.1	46

74	Species Distribution and Antifungal Susceptibility of Invasive Candidiasis: A 2016-2017 Multicenter Surveillance Study in Beijing, China. *Infection and Drug Resistance*, **2020**, 13, 2443-2452	4.2	2
73	Clinical and Microbiological Characterization of Invasive Pulmonary Aspergillosis Caused by in China. *Frontiers in Microbiology*, **2020**, 11, 1672	5.7	4
72	Clinicopathological Features and Outcomes of Acute Kidney Injury in Critically Ill COVID-19 with Prolonged Disease Course: A Retrospective Cohort. *Journal of the American Society of Nephrology: JASN*, **2020**, 31, 2205-2221	12.7	48
71	Invasive Fungal Disease in Critically Ill Patients at High Risk: Usefulness of Lymphocyte Subtyping. *Journal of Intensive Care Medicine*, **2020**, 35, 909-918	3.3	2
70	A national survey on fungal infection diagnostic capacity in the clinical mycology laboratories of tertiary care hospitals in China. *Journal of Microbiology, Immunology and Infection*, **2020**, 53, 845-853	8.5	3
69	Significance of serology testing to assist timely diagnosis of SARS-CoV-2 infections: implication from a family cluster. *Emerging Microbes and Infections*, **2020**, 9, 924-927	18.9	45
68	Retrospective analysis of Clostridium difficile infection in patients with ulcerative colitis in a tertiary hospital in China. *BMC Gastroenterology*, **2019**, 19, 3	3	7
67	isolates causing refractory or recurrent oropharyngeal candidiasis in 11 hospitals in China. *Infection and Drug Resistance*, **2019**, 12, 865-875	4.2	6
66	Identification and antifungal susceptibility profiles of based on a seven-year multicenter surveillance study. *Infection and Drug Resistance*, **2019**, 12, 1657-1664	4.2	4
65	Direct antimicrobial susceptibility testing of bloodstream infection on SlipChip. *Biosensors and Bioelectronics*, **2019**, 135, 200-207	11.8	13
64	First case report of bacteremia caused by Solobacterium moorei in China, and literature review. *BMC Infectious Diseases*, **2019**, 19, 730	4	8
63	Novel and modifications in a high-level echinocandin resistant clinical isolate of. *Emerging Microbes and Infections*, **2019**, 8, 1619-1625	18.9	15
62	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	8.5	8
61	Epidemiology And Antifungal Susceptibility Patterns Of Invasive Fungal Infections From 2012 To 2014 In A Teaching Hospital In Central China. *Infection and Drug Resistance*, **2019**, 12, 3641-3651	4.2	4
60	Prospective evaluation of lymphocyte subtyping for the diagnosis of invasive candidiasis in non-neutropenic critically ill patients. *International Journal of Infectious Diseases*, **2019**, 78, 140-147	10.5	5
59	Invasive Infections Due to : Species Distribution, Genotyping, and Antifungal Susceptibilities from a Multicenter Study in China. *Journal of Clinical Microbiology*, **2019**, 57,	9.7	25
58	Yeast identification by sequencing, biochemical kits, MALDI-TOF MS and rep-PCR DNA fingerprinting. *Medical Mycology*, **2018**, 56, 816-827	3.9	15
57	Profiling of and in Candida glabrata Bloodstream Isolates from a Multicenter Study in China. *Antimicrobial Agents and Chemotherapy*, **2018**, 62,	5.9	26

56	High in□vitro activity of fidaxomicin against Clostridium difficile isolates from a university teaching hospital in China. *Journal of Microbiology, Immunology and Infection*, **2018**, 51, 411-416	8.5	9
55	Identification of Candida glabrata complex species: use of Vitek MS RUO & Bruker ClinproTools. *Future Microbiology*, **2018**, 13, 645-657	2.9	4
54	Five-Year National Surveillance of Invasive Candidiasis: Species Distribution and Azole Susceptibility from the China Hospital Invasive Fungal Surveillance Net (CHIF-NET) Study. *Journal of Clinical Microbiology*, **2018**, 56,	9.7	31
53	Case-Control Study of Inflammatory Bowel Disease Patients with and without Clostridium difficile Infection and Poor Outcomes in Patients Coinfected with C. difficile and Cytomegalovirus. *Digestive Diseases and Sciences*, **2018**, 63, 3074-3083	4	10
52	Genetic Differentiation, Diversity, and Drug Susceptibility of. *Frontiers in Microbiology*, **2018**, 9, 2717	5.7	9
51	Multi-level analysis of bacteria isolated from inpatients in respiratory departments in China. *Journal of Thoracic Disease*, **2018**, 10, 2666-2675	2.6	12
50	, a rare pathogen of human invasive infections, and literature review. *Infection and Drug Resistance*, **2018**, 11, 1537-1547	4.2	4
49	Five-year China Hospital Invasive Fungal Surveillance Net (CHIF-NET) study of invasive fungal infections caused by noncandidal yeasts: species distribution and azole susceptibility. *Infection and Drug Resistance*, **2018**, 11, 1659-1667	4.2	15
48	Molecular epidemiology of in two tertiary care hospitals in Shandong Province, China. *Infection and Drug Resistance*, **2018**, 11, 489-500	4.2	15
47	Clinical characteristics of the first cases of invasive candidiasis in China due to pan-echinocandin-resistant and isolates with delineation of their resistance mechanisms. *Infection and Drug Resistance*, **2018**, 11, 155-161	4.2	12
46	Use of matrix-assisted laser desorption ionization-time of flight mass spectrometry to identify MLST clade 4 Clostridium difficile isolates. *Diagnostic Microbiology and Infectious Disease*, **2018**, 92, 19-24	2.9	9
45	A first case of human herpesvirus-6B reactivation, confirmed by next-generation sequencing, in allopurinol-induced hypersensitivity syndrome in China. *European Journal of Dermatology*, **2018**, 28, 698-699	0.8	0
44	First case report of endocarditis caused by haematobacter massiliensis in China. *BMC Infectious Diseases*, **2017**, 17, 709	4	1
43	National antimicrobial stewardship and fluoroquinolone-resistant in China. *Infection and Drug Resistance*, **2017**, 10, 329-331	4.2	5
42	Epidemiology and antifungal susceptibilities of yeast isolates causing invasive infections across urban Beijing, China. *Future Microbiology*, **2017**, 12, 1075-1086	2.9	10
41	Molecular epidemiology and azole resistance mechanism study of Candida guilliermondii from a Chinese surveillance system. *Scientific Reports*, **2017**, 7, 907	4.9	5
40	IL-12 Influence mTOR to Modulate CD8 T Cells Differentiation through T-bet and Eomesodermin in Response to Invasive Pulmonary Aspergillosis. *International Journal of Medical Sciences*, **2017**, 14, 977-983	3.7	6
39	Identification and Antifungal Susceptibility Profiles of and in a Multi-Center Chinese Collection of Yeasts. *Frontiers in Microbiology*, **2017**, 8, 5	5.7	19

38	Macrolide-Resistant Isolates Are Highly Concentrated in Two MLST Clonal Complexes -CCN10 and CC363. *Frontiers in Microbiology*, **2017**, 8, 201	5.7	5
37	Molecular Epidemiology and Antifungal Susceptibility of in China (August 2009 to July 2014): A Multi-Center Study. *Frontiers in Microbiology*, **2017**, 8, 880	5.7	30
36	An Improved In-house MALDI-TOF MS Protocol for Direct Cost-Effective Identification of Pathogens from Blood Cultures. *Frontiers in Microbiology*, **2017**, 8, 1824	5.7	28
35	mTOR Modulates Lymphocyte Differentiation through T-bet and Eomesodermin in Response to Invasive Pulmonary Aspergillosis in Rats. *Chinese Medical Journal*, **2016**, 129, 1704-10	2.9	10
34	Identification and Antifungal Susceptibility Profiles of Candida haemulonii Species Complex Clinical Isolates from a Multicenter Study in China. *Journal of Clinical Microbiology*, **2016**, 54, 2676-2680	9.7	37
33	The First Two Clostridium difficile Ribotype 027/ST1 Isolates Identified in Beijing, China-an Emerging Problem or a Neglected Threat?. *Scientific Reports*, **2016**, 6, 18834	4.9	37
32	Investigation of an unrecognized large-scale outbreak of Candida parapsilosis sensu stricto fungaemia in a tertiary-care hospital in China. *Scientific Reports*, **2016**, 6, 27099	4.9	18
31	Meningitis in a Chinese adult patient caused by Mycoplasma hominis: a rare infection and literature review. *BMC Infectious Diseases*, **2016**, 16, 557	4	11
30	Identification and Antifungal Susceptibility Profile of Candida guilliermondii and Candida fermentati from a Multicenter Study in China. *Journal of Clinical Microbiology*, **2016**, 54, 2187-9	9.7	13
29	A Comprehensive Evaluation of the Bruker Biotyper MS and Vitek MS Matrix-Assisted Laser Desorption Ionization-Time of Flight Mass Spectrometry Systems for Identification of Yeasts, Part of the National China Hospital Invasive Fungal Surveillance Net (CHIF-NET) Study, 2012 to 2013.	9.7	36
28	Misidentification of a Rare Species, Cryptococcus laurentii, by Commonly Used Commercial Biochemical Methods and Matrix-Assisted Laser Desorption Ionization-Time of Flight Mass Spectrometry Systems: Challenges for Clinical Mycology Laboratories. *Journal of Clinical Microbiology*, **2016**, 54, 226-9	9.7	8
27	Accurate Identification of Common Pathogenic Nocardia Species: Evaluation of a Multilocus Sequence Analysis Platform and Matrix-Assisted Laser Desorption Ionization-Time of Flight Mass Spectrometry. *PLoS ONE*, **2016**, 11, e0147487	3.7	17
26	16S-23S Internal Transcribed Spacer Region PCR and Sequencer-Based Capillary Gel Electrophoresis has Potential as an Alternative to High Performance Liquid Chromatography for Identification of Slowly Growing Nontuberculous Mycobacteria. *PLoS ONE*, **2016**, 11, e0164138	3.7	3
25	Using Matrix-Assisted Laser Desorption Ionization-Time of Flight (MALDI-TOF) Complemented with Selected 16S rRNA and gyrB Genes Sequencing to Practically Identify Clinical Important Viridans Group Streptococci (VGS). *Frontiers in Microbiology*, **2016**, 7, 1328	5.7	16
24	Molecular Epidemiology and Antimicrobial Susceptibility of Isolates from a University Teaching Hospital in China. *Frontiers in Microbiology*, **2016**, 7, 1621	5.7	33
23	Genotypic Diversity of Staphylococcus aureus Hemolysin Gene (hla) and Its Association with Clonal Background: Implications for Vaccine Development. *PLoS ONE*, **2016**, 11, e0149112	3.7	11
22	Sequencer-Based Capillary Gel Electrophoresis (SCGE) Targeting the rDNA Internal Transcribed Spacer (ITS) Regions for Accurate Identification of Clinically Important Yeast Species. *PLoS ONE*, **2016**, 11, e0154385	3.7	7
21	Novel Polymorphic Multilocus Microsatellite Markers to Distinguish Candida tropicalis Isolates. *PLoS ONE*, **2016**, 11, e0166156	3.7	5

20	Use of next generation sequence to investigate potential novel macrolide resistance mechanisms in a population of Moraxella catarrhalis isolates. *Scientific Reports*, **2016**, 6, 35711	4.9	3
19	Diverse Genetic Background of Multidrug-Resistant Pseudomonas aeruginosa from Mainland China, and Emergence of an Extensively Drug-Resistant ST292 Clone in Kunming. *Scientific Reports*, **2016**, 6, 26522	4.9	16
18	A multicentre study of meticillin-resistant Staphylococcus aureus in acute bacterial skin and skin-structure infections in China: susceptibility to ceftaroline and molecular epidemiology. *International Journal of Antimicrobial Agents*, **2015**, 45, 347-50	14.3	23
17	Development of fluconazole resistance in a series of Candida parapsilosis isolates from a persistent candidemia patient with prolonged antifungal therapy. *BMC Infectious Diseases*, **2015**, 15, 340	4	40
16	High-Level Macrolide-Resistant Moraxella catarrhalis and Development of an Allele-Specific PCR Assay for Detection of 23S rRNA Gene A2330T Mutation: A Three-Year Study at a Chinese Tertiary Hospital. *Microbial Drug Resistance*, **2015**, 21, 507-11	2.9	9
15	Antifungal susceptibilities of Candida glabrata species complex, Candida krusei, Candida parapsilosis species complex and Candida tropicalis causing invasive candidiasis in China: 3 year national surveillance. *Journal of Antimicrobial Chemotherapy*, **2015**, 70, 802-10	5.1	75
14	Intra-Genomic Internal Transcribed Spacer Region Sequence Heterogeneity and Molecular Diagnosis in Clinical Microbiology. *International Journal of Molecular Sciences*, **2015**, 16, 25067-79	6.3	21
13	The Role of Glutamate Dehydrogenase (GDH) Testing Assay in the Diagnosis of Clostridium difficile Infections: A High Sensitive Screening Test and an Essential Step in the Proposed Laboratory Diagnosis Workflow for Developing Countries like China. *PLoS ONE*, **2015**, 10, e0144604	3.7	29
12	Three clustered cases of candidemia caused by Candida quercitrusa and mycological characteristics of this novel species. *Journal of Clinical Microbiology*, **2014**, 52, 3044-8	9.7	14
11	Yeast identification algorithm based on use of the Vitek MS system selectively supplemented with ribosomal DNA sequencing: proposal of a reference assay for invasive fungal surveillance programs in China. *Journal of Clinical Microbiology*, **2014**, 52, 572-7	9.7	40
10	The widely used ATB FUNGUS 3 automated readings in China and its misleading high MICs of Candida spp. to azoles: challenges for developing countries□clinical microbiology labs. *PLoS ONE*, **2014**, 9, e114004	3.7	12
9	Dominance of CTX-M-type extended-spectrum □lactamase (ESBL)-producing Escherichia coli isolated from patients with community-onset and hospital-onset infection in China. *PLoS ONE*, **2014**, 9, e100707	3.7	57
8	A rare fungal species, Quambalaria cyanescens, isolated from a patient after augmentation mammoplasty--environmental contaminant or pathogen?. *PLoS ONE*, **2014**, 9, e106949	3.7	5
7	Antimicrobial susceptibility of Gram-negative bacteria causing intra-abdominal infections in China: SMART China 2011. *Chinese Medical Journal*, **2014**, 127, 2429-33	2.9	4
6	Multilocus sequence typing indicates diverse origins of invasive Candida tropicalis isolates in China. *Chinese Medical Journal*, **2014**, 127, 4226-34	2.9	6
5	National surveillance of methicillin-resistant Staphylococcus aureus in China highlights a still-evolving epidemiology with 15 novel emerging multilocus sequence types. *Journal of Clinical Microbiology*, **2013**, 51, 3638-44	9.7	56
4	High ceftaroline non-susceptibility in Staphylococcus aureus isolated from acute skin infections in 15 tertiary hospitals in China. *Journal of Medical Microbiology*, **2013**, 62, 496-497	3.2	7
3	Practical identification of eight medically important Trichosporon species by reverse line blot hybridization (RLB) assay and rolling circle amplification (RCA). *Medical Mycology*, **2013**, 51, 300-8	3.9	7

2	Comparison of two capillary gel electrophoresis systems for Clostridium difficile ribotyping, using a panel of ribotype 027 isolates and whole-genome sequences as a reference standard. *Journal of Clinical Microbiology*, **2012**, 50, 2755-60	9.7	22
1	Antimicrobial susceptibility of Pseudomonas aeruginosa in China: a review of two multicentre surveillance programmes, and application of revised CLSI susceptibility breakpoints. *International Journal of Antimicrobial Agents*, **2012**, 40, 445-9	14.3	12