

Biao Kan

List of Publications by Year in descending order

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166
papers

4,970
citations

147566

31
h-index

123241

61
g-index

178
all docs

178
docs citations

178
times ranked

8063
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Development and evaluation of a sensitive recombinase aided amplification assay for rapid detection of <i>Vibrio parahaemolyticus</i> . <i>Journal of Microbiological Methods</i> , 2022, 193, 106404. | 0.7 | 8 |
| 2 | Cholera Caused by a New Clone of Serogroup O1 <i>Vibrio cholerae </i>â€” Beijing Municipality, China, June 2021. <i>China CDC Weekly</i> , 2022, 4, 31-32. | 1.0 | 2 |
| 3 | High Carriage Rate of the Multiple Resistant Plasmids Harboring Quinolone Resistance Genes in <i>Enterobacter</i> spp. Isolated from Healthy Individuals. <i>Antibiotics</i> , 2022, 11, 15. | 1.5 | 3 |
| 4 | Co-Localization of Sampling and Sequencing for Zoonotic Pathogen Identification in the Field Monitoring Using Mobile Laboratories. <i>China CDC Weekly</i> , 2022, 4, 259-263. | 1.0 | 2 |
| 5 | Trans-Regional and Cross-Host Spread of <i>mcr</i>-Carrying Plasmids Revealed by Complete Plasmid Sequences â€” 44 Countries, 1998â€”2020. <i>China CDC Weekly</i> , 2022, 4, 242-248. | 1.0 | 6 |
| 6 | Phylogenetic Analysis of Serogroup O5 <i>Vibrio cholerae</i> that Caused Successive Cholera Outbreaks â€” Guangdong Province, China, 2020â€”2021. <i>China CDC Weekly</i> , 2022, 4, 238-241. | 1.0 | 1 |
| 7 | <i>Anaplasma bovis</i> Infection in Fever and Thrombocytopenia Patients â€” Anhui Province, China, 2021. <i>China CDC Weekly</i> , 2022, 4, 249-253. | 1.0 | 10 |
| 8 | Inhibitor screening using microarray identifies the high capacity of neutralizing antibodies to Spike variants in SARS-CoV-2 infection and vaccination. <i>Theranostics</i> , 2022, 12, 2519-2534. | 4.6 | 3 |
| 9 | Visual Identification and Serotyping of Toxigenic <i>Vibrio cholerae</i> Serogroups O1 and O139 With CARID. <i>Frontiers in Cellular and Infection Microbiology</i> , 2022, 12, 863435. | 1.8 | 6 |
| 10 | Filtration efficiency of face masks against aerosolized surrogate SARS-CoV-2 at different social distances. <i>Science Bulletin</i> , 2022, 67, 565-568. | 4.3 | 9 |
| 11 | High Carriage of Extended-Spectrum, Beta Lactamase-Producing, and Colistin-Resistant <i>Enterobacteriaceae</i> in Tibetan Outpatients with Diarrhea. <i>Antibiotics</i> , 2022, 11, 508. | 1.5 | 2 |
| 12 | Master Quorum Sensing Regulator HapR Acts as A Repressor of the Mannitol Phosphotransferase System Operon in .. <i>Biomedical and Environmental Sciences</i> , 2022, 35, 69-72. | 0.2 | 0 |
| 13 | Molecular diagnostics and next-generation sequencing reveal real etiological characteristics of invasive <i>Salmonella</i> infection in febrile illness in Freetown, Sierra Leone. <i>Emerging Microbes and Infections</i> , 2022, 11, 1416-1424. | 3.0 | 2 |
| 14 | A duplex droplet digital PCR assay for <i>Salmonella</i> and <i>Shigella</i> and its application in diarrheal and non-diarrheal samples. <i>International Journal of Infectious Diseases</i> , 2022, 120, 210-216. | 1.5 | 2 |
| 15 | Super Dominant Pathobiontic Bacteria in the Nasopharyngeal Microbiota Cause Secondary Bacterial Infection in COVID-19 Patients. <i>Microbiology Spectrum</i> , 2022, 10, e0195621. | 1.2 | 13 |
| 16 | VfqI-VfqR quorum sensing circuit modulates type VI secretion system VfiT6SS2 in <i>Vibrio fluvialis</i> . <i>Biochemistry and Biophysics Reports</i> , 2022, 31, 101282. | 0.7 | 1 |
| 17 | <i>Salmonella enterica</i> subsp. II serovar 4,5,12:a:- may cause gastroenteritis infections in humans. <i>Gut Microbes</i> , 2022, 14, . | 4.3 | 4 |
| 18 | Absolute Quantification of Viable but Nonculturable <i>Vibrio cholerae</i> Using Droplet Digital PCR with Oil-Enveloped Bacterial Cells. <i>Microbiology Spectrum</i> , 2022, 10, . | 1.2 | 7 |

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|----|--|-----|-----------|
| 19 | A multiplex PCR assay for the detection of five human pathogenic <i>Vibrio</i> species and <i>Plesiomonas</i> . <i>Molecular and Cellular Probes</i> , 2021, 55, 101689. | 0.9 | 12 |
| 20 | CqsA/LuxS-HapR Quorum sensing circuit modulates type VI secretion system Vi-,T6SS2 in <i>Vibrio fluvialis</i> . <i>Emerging Microbes and Infections</i> , 2021, 10, 589-601. | 3.0 | 14 |
| 21 | Development of a Rapid and Fully Automated Multiplex Real-Time PCR Assay for Identification and Differentiation of <i>Vibrio cholerae</i> and <i>Vibrio parahaemolyticus</i> on the BD MAX Platform. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 639473. | 1.8 | 4 |
| 22 | A PolyQ Membrane Protein of <i>Vibrio cholerae</i> Acts as the Receptor for Phage Infection. <i>Journal of Virology</i> , 2021, 95, . | 1.5 | 1 |
| 23 | Case Report: Identification of SARS-CoV-2 in Cerebrospinal Fluid by Ultrahigh-Depth Sequencing in a Patient With Coronavirus Disease 2019 and Neurological Dysfunction. <i>Frontiers in Medicine</i> , 2021, 8, 629828. | 1.2 | 9 |
| 24 | The Type II Secretory System Mediates Phage Infection in <i>Vibrio cholerae</i> . <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 662344. | 1.8 | 1 |
| 25 | Prevalence of 16S rRNA Methylation Enzyme Gene <i>armA</i> in <i>Salmonella</i> From Outpatients and Food. <i>Frontiers in Microbiology</i> , 2021, 12, 663210. | 1.5 | 4 |
| 26 | Rapid Identification of Plasmid Replicon Type and Coexisting Plasmid-Borne Antimicrobial Resistance Genes by S1-Pulsed-Field Gel Electrophoresis-Droplet Digital Polymerase Chain Reaction. <i>Foodborne Pathogens and Disease</i> , 2021, 18, 298-305. | 0.8 | 6 |
| 27 | Transcriptional regulation of the mannitol phosphotransferase system operon by the ferric uptake regulator (Fur) in <i>Vibrio cholerae</i> El Tor serogroup O1. <i>Research in Microbiology</i> , 2021, 172, 103848. | 1.0 | 2 |
| 28 | <i>vgrG</i> is separately transcribed from <i>hcp</i> in T6SS orphan clusters and is under the regulation of IHF and HapR. <i>Biochemical and Biophysical Research Communications</i> , 2021, 559, 15-20. | 1.0 | 1 |
| 29 | Correlation between prevalence of selected enteropathogens and diarrhea in children: a case-control study in China. <i>Open Forum Infectious Diseases</i> , 2021, 8, ofab445. | 0.4 | 2 |
| 30 | Characterization of blaKPC-2-Carrying Plasmid pR31-KPC from a <i>Pseudomonas aeruginosa</i> Strain Isolated in China. <i>Antibiotics</i> , 2021, 10, 1234. | 1.5 | 6 |
| 31 | Enumeration of Viable Non-Culturable <i>Vibrio cholerae</i> Using Droplet Digital PCR Combined With Propidium Monoazide Treatment. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 753078. | 1.8 | 6 |
| 32 | A Novel Strategy for the Detection of SARS-CoV-2 Variants Based on Multiplex PCR-Mass Spectrometry Minisequencing Technology. <i>Microbiology Spectrum</i> , 2021, 9, e0126721. | 1.2 | 19 |
| 33 | Comparative Study of the Genetic Diversity, Antimicrobial Resistance, and Pathogenicity of Isolates from Clinical Patients and Healthy Individuals. <i>Biomedical and Environmental Sciences</i> , 2021, 34, 454-464. | 0.2 | 2 |
| 34 | Identification of diarrheagenic <i>Escherichia coli</i> by a new multiplex PCR assay and capillary electrophoresis. <i>Molecular and Cellular Probes</i> , 2020, 49, 101477. | 0.9 | 14 |
| 35 | Fur Represses <i>Vibrio cholerae</i> Biofilm Formation via Direct Regulation of <i>vieSAB</i> , <i>cdgD</i> , <i>vpsU</i> , and <i>vpsA-K</i> Transcription. <i>Frontiers in Microbiology</i> , 2020, 11, 587159. | 1.5 | 19 |
| 36 | Whole-genome sequencing of rough <i>Brucella melitensis</i> in China provides insights into its genetic features. <i>Emerging Microbes and Infections</i> , 2020, 9, 2147-2156. | 3.0 | 3 |

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|----|--|-----|-----------|
| 37 | Comparison of BioFire FilmArray gastrointestinal panel versus Luminex xTAG Gastrointestinal Pathogen Panel (xTAG GPP) for diarrheal pathogen detection in China. <i>International Journal of Infectious Diseases</i> , 2020, 99, 414-420. | 1.5 | 12 |
| 38 | Development of an inactivated vaccine candidate for SARS-CoV-2. <i>Science</i> , 2020, 369, 77-81. | 6.0 | 1,180 |
| 39 | Investigation of an imported cholera case in China with whole genome sequencing. <i>Infection, Genetics and Evolution</i> , 2020, 84, 104362. | 1.0 | 2 |
| 40 | A novel pre-CTX prophage in the <i>Vibrio cholerae</i> serogroup O139 strain. <i>Infection, Genetics and Evolution</i> , 2020, 81, 104238. | 1.0 | 3 |
| 41 | Direct Binding and Regulation by Fur and HapR of the Intermediate Regulator and Virulence Factor Genes Within the ToxR Virulence Regulon in <i>Vibrio cholerae</i> . <i>Frontiers in Microbiology</i> , 2020, 11, 709. | 1.5 | 9 |
| 42 | Quorum sensing regulation confronts the development of a viable but non-culturable state in <i>Vibrio cholerae</i> . <i>Environmental Microbiology</i> , 2020, 22, 4314-4322. | 1.8 | 10 |
| 43 | Comparative Genomics and Transcriptomics Analyses Reveal a Unique Environmental Adaptability of <i>Vibrio fujianensis</i> . <i>Microorganisms</i> , 2020, 8, 555. | 1.6 | 12 |
| 44 | Comparison of the Multiple Platforms to Identify Various <i>Aeromonas</i> Species. <i>Frontiers in Microbiology</i> , 2020, 11, 625961. | 1.5 | 6 |
| 45 | Co-existence of multiple distinct lineages in <i>Vibrio parahaemolyticus</i> serotype O4:K12. <i>Microbial Genomics</i> , 2020, 6, . | 1.0 | 1 |
| 46 | Nonhemolysis of epidemic El Tor biotype strains of <i>Vibrio cholerae</i> is related to multiple functional deficiencies of hemolysin A. <i>Gut Pathogens</i> , 2019, 11, 38. | 1.6 | 0 |
| 47 | <i>Vibrio parahaemolyticus</i> <i>cqsA</i> controls production of quorum sensing signal molecule 3-hydroxyundecan-4-one and regulates colony morphology. <i>Journal of Microbiology</i> , 2019, 57, 1105-1114. | 1.3 | 10 |
| 48 | Evaluation of the BioFire FilmArray Gastrointestinal Panel and Real-Time Polymerase Chain Reaction Assays for the Detection of Major Diarrheagenic Pathogens by a Multicenter Diarrheal Disease Surveillance Program in China. <i>Foodborne Pathogens and Disease</i> , 2019, 16, 788-798. | 0.8 | 10 |
| 49 | Serotype-shifting gene <i>rfbT</i> is a direct transcriptional target of cAMP receptor protein (CRP) in <i>V. cholerae</i> O1. <i>Biochemical and Biophysical Research Communications</i> , 2019, 519, 874-879. | 1.0 | 1 |
| 50 | Application of digital PCR and next generation sequencing in the etiology investigation of a foodborne disease outbreak caused by <i>Vibrio parahaemolyticus</i> . <i>Food Microbiology</i> , 2019, 84, 103233. | 2.1 | 12 |
| 51 | Expanding dynamics of the virulence-related gene variations in the toxigenic <i>Vibrio cholerae</i> serogroup O1. <i>BMC Genomics</i> , 2019, 20, 360. | 1.2 | 9 |
| 52 | Epidemiologic and genomic insights on <i>mcr-1</i> -harbouring <i>Salmonella</i> from diarrhoeal outpatients in Shanghai, China, 2006-2016. <i>EBioMedicine</i> , 2019, 42, 133-144. | 2.7 | 80 |
| 53 | Distribution and characteristics of SGI1/PGI2 genomic island from <i>Proteus</i> strains in China. <i>Infection, Genetics and Evolution</i> , 2019, 70, 123-130. | 1.0 | 9 |
| 54 | Multilocus Sequence Analysis, a Rapid and Accurate Tool for Taxonomic Classification, Evolutionary Relationship Determination, and Population Biology Studies of the Genus <i>Shewanella</i> . <i>Applied and Environmental Microbiology</i> , 2019, 85, . | 1.4 | 13 |

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|----|---|-----|-----------|
| 55 | Genomic comparison of serogroups O159 and O170 with other <i>Vibrio cholerae</i> serogroups. <i>BMC Genomics</i> , 2019, 20, 241. | 1.2 | 9 |
| 56 | Gut microbiota community characteristics and disease-related microorganism pattern in a population of healthy Chinese people. <i>Scientific Reports</i> , 2019, 9, 1594. | 1.6 | 33 |
| 57 | Taxonomy, virulence genes and antimicrobial resistance of <i>Aeromonas</i> isolated from extra-intestinal and intestinal infections. <i>BMC Infectious Diseases</i> , 2019, 19, 158. | 1.3 | 66 |
| 58 | Colistin Resistance-Mediated Bacterial Surface Modification Sensitizes Phage Infection. <i>Antimicrobial Agents and Chemotherapy</i> , 2019, 63, . | 1.4 | 19 |
| 59 | CitAB Two-Component System-Regulated Citrate Utilization Contributes to <i>Vibrio cholerae</i> Competitiveness with the Gut Microbiota. <i>Infection and Immunity</i> , 2019, 87, . | 1.0 | 19 |
| 60 | <i>Proteus faecis</i> sp. nov., and <i>Proteus cibi</i> sp. nov., two new species isolated from food and clinical samples in China. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2019, 69, 852-858. | 0.8 | 15 |
| 61 | The outer-membrane protein TolC of <i>Vibrio cholerae</i> serves as a second cell-surface receptor for the VP3 phage. <i>Journal of Biological Chemistry</i> , 2018, 293, 4000-4013. | 1.6 | 16 |
| 62 | Transforming bacterial disease surveillance and investigation using whole-genome sequence to probe the trace. <i>Frontiers of Medicine</i> , 2018, 12, 23-33. | 1.5 | 13 |
| 63 | Bacterial pathogen spectrum of acute diarrheal outpatients in an urbanized rural district in Southwest China. <i>International Journal of Infectious Diseases</i> , 2018, 70, 59-64. | 1.5 | 7 |
| 64 | Hypermutation-induced in vivo oxidative stress resistance enhances <i>Vibrio cholerae</i> host adaptation. <i>PLoS Pathogens</i> , 2018, 14, e1007413. | 2.1 | 32 |
| 65 | Rare <i>Shewanella</i> spp. associated with pulmonary and bloodstream infections of cancer patients, China: a case report. <i>BMC Infectious Diseases</i> , 2018, 18, 454. | 1.3 | 10 |
| 66 | Integration Host Factor Modulates the Expression and Function of T6SS2 in <i>Vibrio fluvialis</i> . <i>Frontiers in Microbiology</i> , 2018, 9, 962. | 1.5 | 18 |
| 67 | Comparison and Evaluation of the Molecular Typing Methods for Toxigenic <i>Vibrio cholerae</i> in Southwest China. <i>Frontiers in Microbiology</i> , 2018, 9, 905. | 1.5 | 8 |
| 68 | Distribution and Genetic Characteristics of SXT/R391 Integrative Conjugative Elements in <i>Shewanella</i> spp. From China. <i>Frontiers in Microbiology</i> , 2018, 9, 920. | 1.5 | 17 |
| 69 | Expression of Hemolysin Is Regulated Under the Collective Actions of HapR, Fur, and HlyU in <i>Vibrio cholerae</i> El Tor Serogroup O1. <i>Frontiers in Microbiology</i> , 2018, 9, 1310. | 1.5 | 26 |
| 70 | <i>Proteus columbae</i> sp. nov., isolated from a pigeon in Ma'an shan, China. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2018, 68, 552-557. | 0.8 | 18 |
| 71 | <i>Vibrio fujianensis</i> sp. nov., isolated from aquaculture water. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2018, 68, 1146-1152. | 0.8 | 12 |
| 72 | <i>Proteus alimentorum</i> sp. nov., isolated from pork and lobster in Ma'an shan city, China. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2018, 68, 1390-1395. | 0.8 | 17 |

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| 73 | MCR-1.6, a New MCR Variant Carried by an IncP Plasmid in a Colistin-Resistant <i>Salmonella enterica</i> Serovar Typhimurium Isolate from a Healthy Individual. <i>Antimicrobial Agents and Chemotherapy</i> , 2017, 61, . | 1.4 | 58 |
| 74 | <i>Vibrio cholerae</i> Colonization of Soft-Shelled Turtles. <i>Applied and Environmental Microbiology</i> , 2017, 83, . | 1.4 | 11 |
| 75 | Multilocus sequence typing-based analysis of <i>Moraxella catarrhalis</i> population structure reveals clonal spreading of drug-resistant strains isolated from childhood pneumonia. <i>Infection, Genetics and Evolution</i> , 2017, 56, 117-124. | 1.0 | 10 |
| 76 | Functional Characterization and Conditional Regulation of the Type VI Secretion System in <i>Vibrio fluvialis</i> . <i>Frontiers in Microbiology</i> , 2017, 8, 528. | 1.5 | 37 |
| 77 | Regional Transmission of <i>Salmonella</i> Paratyphi A, China, 1998–2012. <i>Emerging Infectious Diseases</i> , 2017, 23, 833-836. | 2.0 | 9 |
| 78 | Duplex Real-Time PCR Method for the Differentiation of <i>Cronobacter sakazakii</i> and <i>Cronobacter malonaticus</i> . <i>Journal of Food Protection</i> , 2017, 80, 50-56. | 0.8 | 5 |
| 79 | The Outer Membrane Protein OmpW Enhanced <i>V. cholerae</i> Growth in Hypersaline Conditions by Transporting Carnitine. <i>Frontiers in Microbiology</i> , 2017, 8, 2703. | 1.5 | 21 |
| 80 | <i>Shewanella carassii</i> sp. nov., isolated from surface swabs of crucian carp and faeces of a diarrhoea patient. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2017, 67, 5284-5289. | 0.8 | 21 |
| 81 | OxyR-activated expression of Dps is important for <i>Vibrio cholerae</i> oxidative stress resistance and pathogenesis. <i>PLoS ONE</i> , 2017, 12, e0171201. | 1.1 | 31 |
| 82 | Development and evaluation of an up-converting phosphor technology-based lateral flow assay for the rapid, simultaneous detection of <i>Vibrio cholerae</i> serogroups O1 and O139. <i>PLoS ONE</i> , 2017, 12, e0179937. | 1.1 | 24 |
| 83 | Evaluation of PCR Based Assays for the Improvement of Proportion Estimation of Bacterial and Viral Pathogens in Diarrheal Surveillance. <i>Frontiers in Microbiology</i> , 2016, 7, 386. | 1.5 | 14 |
| 84 | Growth Phase, Oxygen, Temperature, and Starvation Affect the Development of Viable but Non-culturable State of <i>Vibrio cholerae</i> . <i>Frontiers in Microbiology</i> , 2016, 7, 404. | 1.5 | 35 |
| 85 | The Resistance of <i>Vibrio cholerae</i> O1 El Tor Strains to the Typing Phage 919TP, a Member of K139 Phage Family. <i>Frontiers in Microbiology</i> , 2016, 7, 726. | 1.5 | 10 |
| 86 | The Transmission and Antibiotic Resistance Variation in a Multiple Drug Resistance Clade of <i>Vibrio cholerae</i> Circulating in Multiple Countries in Asia. <i>PLoS ONE</i> , 2016, 11, e0149742. | 1.1 | 18 |
| 87 | Molecular characterization and antibiotic resistance of clinical <i>Streptococcus dysgalactiae</i> subsp. <i>equisimilis</i> in Beijing, China. <i>Infection, Genetics and Evolution</i> , 2016, 40, 119-125. | 1.0 | 16 |
| 88 | Genotyping of <i>Salmonella</i> Typhi using 8-loci multi locus VNTR analysis. <i>Gut Pathogens</i> , 2016, 8, 14. | 1.6 | 6 |
| 89 | Thiol-based switch mechanism of virulence regulator AphB modulates oxidative stress response in <i>Vibrio cholerae</i> . <i>Molecular Microbiology</i> , 2016, 102, 939-949. | 1.2 | 27 |
| 90 | The complete genomic analysis of an imported <i>Vibrio cholerae</i> from Myanmar in southwest China. <i>Infection, Genetics and Evolution</i> , 2016, 44, 272-277. | 1.0 | 5 |

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|-----|--|-----|-----------|
| 91 | Sequences of a co-existing SXT element, a chromosomal integron (CI) and an IncA/C plasmid and their roles in multidrug resistance in a <i>Vibrio cholerae</i> O1 El Tor strain. <i>International Journal of Antimicrobial Agents</i> , 2016, 48, 305-309. | 1.1 | 20 |
| 92 | Variations in SXT elements in epidemic <i>Vibrio cholerae</i> O1 El Tor strains in China. <i>Scientific Reports</i> , 2016, 6, 22733. | 1.6 | 49 |
| 93 | Population analysis of clinical and environmental <i>Vibrio parahaemolyticus</i> isolated from eastern provinces in China by removing the recombinant SNPs in the MLST loci. <i>Infection, Genetics and Evolution</i> , 2016, 45, 303-310. | 1.0 | 11 |
| 94 | Niche modeling predictions of the potential distribution of <i>Marmota himalayana</i> , the host animal of plague in Yushu County of Qinghai. <i>BMC Public Health</i> , 2016, 16, 183. | 1.2 | 16 |
| 95 | The evaluation and application of multilocus variable number tandem repeat analysis (MLVA) for the molecular epidemiological study of <i>Salmonella enterica</i> subsp. <i>enterica</i> serovar <i>Enteritidis</i> infection. <i>Annals of Clinical Microbiology and Antimicrobials</i> , 2016, 15, 4. | 1.7 | 13 |
| 96 | The emergence and outbreak of multidrug-resistant typhoid fever in China. <i>Emerging Microbes and Infections</i> , 2016, 5, 1-6. | 3.0 | 36 |
| 97 | Incl1 Plasmids Carrying Various bla _{CTX-M} Genes Contribute to Ceftriaxone Resistance in <i>Salmonella enterica</i> Serovar <i>Enteritidis</i> in China. <i>Antimicrobial Agents and Chemotherapy</i> , 2016, 60, 982-989. | 1.4 | 33 |
| 98 | Differential Thiol-Based Switches Jump-Start <i>Vibrio cholerae</i> Pathogenesis. <i>Cell Reports</i> , 2016, 14, 347-354. | 2.9 | 36 |
| 99 | Characterization of environmental <i>Vibrio cholerae</i> serogroups O1 and O139 in the Pearl River Estuary, China. <i>Canadian Journal of Microbiology</i> , 2016, 62, 139-147. | 0.8 | 4 |
| 100 | Direct regulation of the natural competence regulator gene <i>tfoX</i> by cyclic AMP (cAMP) and cAMP receptor protein (CRP) in <i>Vibrios</i> . <i>Scientific Reports</i> , 2015, 5, 14921. | 1.6 | 41 |
| 101 | Identifying Environmental Risk Factors of Cholera in a Coastal Area with Geospatial Technologies. <i>International Journal of Environmental Research and Public Health</i> , 2015, 12, 354-370. | 1.2 | 20 |
| 102 | A critical role for hemolysin in <i>Vibrio fluvialis</i> -induced IL-1 β secretion mediated by the NLRP3 inflammasome in macrophages. <i>Frontiers in Microbiology</i> , 2015, 6, 510. | 1.5 | 21 |
| 103 | The Development and Evaluation of a Loop-Mediated Isothermal Amplification Method for the Rapid Detection of <i>Salmonella enterica</i> serovar Typhi. <i>PLoS ONE</i> , 2015, 10, e0124507. | 1.1 | 31 |
| 104 | Functional RelBE-Family Toxin-Antitoxin Pairs Affect Biofilm Maturation and Intestine Colonization in <i>Vibrio cholerae</i> . <i>PLoS ONE</i> , 2015, 10, e0135696. | 1.1 | 49 |
| 105 | Survival and proliferation of the lysogenic bacteriophage CTX ϕ in <i>Vibrio cholerae</i> . <i>Virologica Sinica</i> , 2015, 30, 19-25. | 1.2 | 5 |
| 106 | The Role of China in the Global Spread of the Current Cholera Pandemic. <i>PLoS Genetics</i> , 2015, 11, e1005072. | 1.5 | 73 |
| 107 | Dual Zinc Transporter Systems in <i>Vibrio cholerae</i> Promote Competitive Advantages over Gut Microbiome. <i>Infection and Immunity</i> , 2015, 83, 3902-3908. | 1.0 | 40 |
| 108 | Enumeration of viable non-culturable <i>Vibrio cholerae</i> using propidium monoazide combined with quantitative PCR. <i>Journal of Microbiological Methods</i> , 2015, 115, 147-152. | 0.7 | 28 |

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|-----|---|-----|-----------|
| 109 | IncA/C plasmids harboured in serious multidrug-resistant <i>Vibrio cholerae</i> serogroup O139 strains in China. <i>International Journal of Antimicrobial Agents</i> , 2015, 45, 249-254. | 1.1 | 18 |
| 110 | <i>Vibrio cholerae</i> Represses Polysaccharide Synthesis To Promote Motility in Mucosa. <i>Infection and Immunity</i> , 2015, 83, 1114-1121. | 1.0 | 25 |
| 111 | Rapid and Sensitive <i>Salmonella</i> Typhi Detection in Blood and Fecal Samples Using Reverse Transcription Loop-Mediated Isothermal Amplification. <i>Foodborne Pathogens and Disease</i> , 2015, 12, 778-786. | 0.8 | 20 |
| 112 | Identification and characterization of phosphodiesterases that specifically degrade 3'-cyclic GMP-AMP. <i>Cell Research</i> , 2015, 25, 539-550. | 5.7 | 83 |
| 113 | The Hybrid Pre-CTX ϕ -RS1 Prophage Genome and Its Regulatory Function in Environmental <i>Vibrio cholerae</i> O1 Strains. <i>Applied and Environmental Microbiology</i> , 2015, 81, 7171-7177. | 1.4 | 7 |
| 114 | Distribution, virulence-associated genes and antimicrobial resistance of <i>Aeromonas</i> isolates from diarrheal patients and water, China. <i>Journal of Infection</i> , 2015, 70, 600-608. | 1.7 | 38 |
| 115 | A Large-Scale Community-Based Outbreak of Paratyphoid Fever Caused by Hospital-Derived Transmission in Southern China. <i>PLoS Neglected Tropical Diseases</i> , 2015, 9, e0003859. | 1.3 | 17 |
| 116 | The Construction and Evaluation of Reference Spectra for the Identification of Human Pathogenic Microorganisms by MALDI-TOF MS. <i>PLoS ONE</i> , 2014, 9, e106312. | 1.1 | 11 |
| 117 | A Two-Tube Multiplex Reverse Transcription PCR Assay for Simultaneous Detection of Viral and Bacterial Pathogens of Infectious Diarrhea. <i>BioMed Research International</i> , 2014, 2014, 1-9. | 0.9 | 23 |
| 118 | Transcript changes in <i>Vibrio cholerae</i> in response to salt stress. <i>Gut Pathogens</i> , 2014, 6, 47. | 1.6 | 20 |
| 119 | Enhanced Interaction of <i>Vibrio cholerae</i> Virulence Regulators TcpP and ToxR under Oxygen-Limiting Conditions. <i>Infection and Immunity</i> , 2014, 82, 1676-1682. | 1.0 | 51 |
| 120 | Outer Membrane Protein OmpW Is the Receptor for Typing Phage VP5 in the <i>Vibrio cholerae</i> O1 El Tor Biotype. <i>Journal of Virology</i> , 2014, 88, 7109-7111. | 1.5 | 14 |
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