

Chen Moutong

List of Publications by Year in descending order

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257101

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citing authors

#	ARTICLE	IF	CITATIONS
1	An ultrasensitive CRISPR/Cas12a based electrochemical biosensor for <i>Listeria monocytogenes</i> detection. <i>Biosensors and Bioelectronics</i> , 2021, 179, 113073.	5.3	151
2	Castor oil-based cationic waterborne polyurethane dispersions: Storage stability, thermo-physical properties and antibacterial properties. <i>Industrial Crops and Products</i> , 2018, 117, 169-178.	2.5	121
3	A Study on Prevalence and Characterization of <i>Bacillus cereus</i> in Ready-to-Eat Foods in China. <i>Frontiers in Microbiology</i> , 2019, 10, 3043.	1.5	84
4	<i>Listeria monocytogenes</i> Prevalence and Characteristics in Retail Raw Foods in China. <i>PLoS ONE</i> , 2015, 10, e0136682.	1.1	81
5	Analysis of Multilocus Sequence Typing and Virulence Characterization of <i>Listeria monocytogenes</i> Isolates from Chinese Retail Ready-to-Eat Food. <i>Frontiers in Microbiology</i> , 2016, 7, 168.	1.5	75
6	Prevalence and characterization of <i>Listeria monocytogenes</i> isolated from retail-level ready-to-eat foods in South China. <i>Food Control</i> , 2014, 38, 1-7.	2.8	69
7	Abundant and Diverse RNA Viruses in Insects Revealed by RNA-Seq Analysis: Ecological and Evolutionary Implications. <i>MSystems</i> , 2020, 5, .	1.7	66
8	Isolation, Potential Virulence, and Population Diversity of <i>Listeria monocytogenes</i> From Meat and Meat Products in China. <i>Frontiers in Microbiology</i> , 2019, 10, 946.	1.5	57
9	Occurrence, Antibiotic Resistance, and Population Diversity of <i>Listeria monocytogenes</i> Isolated From Fresh Aquatic Products in China. <i>Frontiers in Microbiology</i> , 2018, 9, 2215.	1.5	51
10	Prevalence, antibiotic resistance and genetic diversity of <i>Listeria monocytogenes</i> isolated from retail ready-to-eat foods in China. <i>Food Control</i> , 2015, 47, 340-347.	2.8	50
11	Prevalence, Potential Virulence, and Genetic Diversity of <i>Listeria monocytogenes</i> Isolates From Edible Mushrooms in Chinese Markets. <i>Frontiers in Microbiology</i> , 2018, 9, 1711.	1.5	48
12	Cas12aFDet: A CRISPR/Cas12a-based fluorescence platform for sensitive and specific detection of <i>Listeria monocytogenes</i> serotype 4c. <i>Analytica Chimica Acta</i> , 2021, 1151, 338248.	2.6	44
13	Prevalence, enumeration, and pheno- and genotypic characteristics of <i>Listeria monocytogenes</i> isolated from raw foods in South China. <i>Frontiers in Microbiology</i> , 2015, 6, 1026.	1.5	43
14	Polysaccharide from <i>Agrocybe cylindracea</i> prevents diet-induced obesity through inhibiting inflammation mediated by gut microbiota and associated metabolites. <i>International Journal of Biological Macromolecules</i> , 2022, 209, 1430-1438.	3.6	36
15	Prevalence, Antibiotic Susceptibility, and Molecular Characterization of <i>Cronobacter</i> spp. Isolated From Edible Mushrooms in China. <i>Frontiers in Microbiology</i> , 2019, 10, 283.	1.5	35
16	Isolation and Characterization of a Novel <i>Salmonella</i> Phage vB_SalP_TR2. <i>Frontiers in Microbiology</i> , 2021, 12, 664810.	1.5	35
17	Prevalence, virulence, antimicrobial resistance, and molecular characterization of fluoroquinolone resistance of <i>Vibrio parahaemolyticus</i> from different types of food samples in China. <i>International Journal of Food Microbiology</i> , 2020, 317, 108461.	2.1	33
18	Genetic characteristics and virulence of <i>Listeria monocytogenes</i> isolated from fresh vegetables in China. <i>BMC Microbiology</i> , 2019, 19, 119.	1.3	31

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19	Food-Borne <i>Vibrio parahaemolyticus</i> in China: Prevalence, Antibiotic Susceptibility, and Genetic Characterization. <i>Frontiers in Microbiology</i> , 2020, 11, 1670.	1.5	31
20	<i>Campylobacter jejuni</i> Biofilm Formation Under Aerobic Conditions and Inhibition by ZnO Nanoparticles. <i>Frontiers in Microbiology</i> , 2020, 11, 207.	1.5	31
21	First detection of the plasmid-mediated colistin resistance gene <i>mcr-1</i> in virulent <i>Vibrio parahaemolyticus</i> . <i>International Journal of Food Microbiology</i> , 2019, 308, 108290.	2.1	28
22	Prevalence and Contamination Patterns of <i>Listeria monocytogenes</i> in <i>Flammulina velutipes</i> Plants. <i>Foodborne Pathogens and Disease</i> , 2014, 11, 620-627.	0.8	27
23	Prevalence and Genetic Diversity of <i>Enterococcus faecalis</i> Isolates from Mineral Water and Spring Water in China. <i>Frontiers in Microbiology</i> , 2017, 8, 1109.	1.5	27
24	Phenotypic and genotypic characterization of PVL-positive <i>Staphylococcus aureus</i> isolated from retail foods in China. <i>International Journal of Food Microbiology</i> , 2019, 304, 119-126.	2.1	26
25	Comparative Genomic Analysis Reveals the Potential Risk of <i>Vibrio parahaemolyticus</i> Isolated From Ready-To-Eat Foods in China. <i>Frontiers in Microbiology</i> , 2019, 10, 186.	1.5	25
26	Quantitative detection of aflatoxin B1 using quantum dots-based immunoassay in a recyclable gravity-driven microfluidic chip. <i>Biosensors and Bioelectronics</i> , 2021, 190, 113394.	5.3	22
27	Prevalence, genetic analysis and CRISPR typing of <i>Cronobacter</i> spp. isolated from meat and meat products in China. <i>International Journal of Food Microbiology</i> , 2020, 321, 108549.	2.1	21
28	The Genomic Context for the Evolution and Transmission of Community-Associated <i>Staphylococcus aureus</i> ST59 Through the Food Chain. <i>Frontiers in Microbiology</i> , 2020, 11, 422.	1.5	21
29	<i>Cronobacter</i> spp. isolated from aquatic products in China: Incidence, antibiotic resistance, molecular characteristic and CRISPR diversity. <i>International Journal of Food Microbiology</i> , 2020, 335, 108857.	2.1	19
30	Amplified electrochemical antibiotic aptasensing based on electrochemically deposited AuNPs coordinated with PEI-functionalized Fe-based metal-organic framework. <i>Mikrochimica Acta</i> , 2021, 188, 286.	2.5	19
31	Evaluation of the Cholesterol-Lowering Mechanism of <i>Enterococcus faecium</i> Strain 132 and <i>Lactobacillus paracasei</i> Strain 201 in Hypercholesterolemia Rats. <i>Nutrients</i> , 2021, 13, 1982.	1.7	16
32	High prevalence of multidrug-resistant <i>Escherichia coli</i> and first detection of IncHI2/IncX4-plasmid carrying <i>mcr-1</i> <i>E. coli</i> in retail ready-to-eat foods in China. <i>International Journal of Food Microbiology</i> , 2021, 355, 109349.	2.1	15
33	Novel phage vB_CtuP_B1 for controlling <i>Cronobacter malonaticus</i> and <i>Cronobacter turicensis</i> in ready-to-eat lettuce and powered infant formula. <i>Food Research International</i> , 2021, 143, 110255.	2.9	14
34	Development of a novel RAA-based microfluidic chip for absolute quantitative detection of human norovirus. <i>Microchemical Journal</i> , 2021, 164, 106050.	2.3	12
35	Presence and characterization of methicillin-resistant <i>Staphylococcus aureus</i> co-carrying the multidrug resistance genes <i>cfm</i> and <i>Isa(E)</i> in retail food in China. <i>International Journal of Food Microbiology</i> , 2022, 363, 109512.	2.1	12
36	Characterization of the Novel Phage vB_VpaP_FE11 and Its Potential Role in Controlling <i>Vibrio parahaemolyticus</i> Biofilms. <i>Viruses</i> , 2022, 14, 264.	1.5	12

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37	Characteristics of Antibiotic Resistance Genes and Antibiotic-Resistant Bacteria in Full-Scale Drinking Water Treatment System Using Metagenomics and Culturing. <i>Frontiers in Microbiology</i> , 2021, 12, 798442.	1.5	12
38	Rapid detection of <i>Listeria monocytogenes</i> sequence type 121 strains using a novel multiplex PCR assay. <i>LWT - Food Science and Technology</i> , 2019, 116, 108474.	2.5	11
39	Genome- and Proteome-Wide Analysis of Lysine Acetylation in <i>Vibrio vulnificus</i> Vv180806 Reveals Its Regulatory Roles in Virulence and Antibiotic Resistance. <i>Frontiers in Microbiology</i> , 2020, 11, 591287.	1.5	11
40	<i>Cronobacter sakazakii</i> , <i>Cronobacter malonaticus</i> , and <i>Cronobacter dublinensis</i> Genotyping Based on CRISPR Locus Diversity. <i>Frontiers in Microbiology</i> , 2019, 10, 1989.	1.5	10
41	Real-time PCR identification of <i>Listeria monocytogenes</i> serotype 4c using primers for novel target genes obtained by comparative genomic analysis. <i>LWT - Food Science and Technology</i> , 2021, 138, 110774.	2.5	10
42	Distribution, contamination routes, and seasonal influence of persistent <i>Listeria monocytogenes</i> in a commercial fresh <i>Hypsizygus marmoreus</i> production facility. <i>Food Control</i> , 2021, 127, 108118.	2.8	10
43	Proteomic analysis of trichloroethylene-induced alterations in expression, distribution, and interactions of SET/TAF- $\text{I}\pm$ and two SET/TAF- $\text{I}\pm$ -binding proteins, eEF1A1 and eEF1A2, in hepatic L-02 cells. <i>Toxicology and Applied Pharmacology</i> , 2012, 263, 259-272.	1.3	9
44	Multiplex PCR for the Identification of Pathogenic <i>Listeria</i> in <i>Flammulina velutipes</i> Plant Based on Novel Specific Targets Revealed by Pan-Genome Analysis. <i>Frontiers in Microbiology</i> , 2020, 11, 634255.	1.5	9
45	<i>Pediococcus pentosaceus</i> IM96 Exerts Protective Effects against Enterohemorrhagic <i>Escherichia coli</i> O157:H7 Infection In Vivo. <i>Foods</i> , 2021, 10, 2945.	1.9	9
46	Exploration of the Molecular Mechanisms Underlying the Anti-Photoaging Effect of <i>Limosilactobacillus fermentum</i> XJC60. <i>Frontiers in Cellular and Infection Microbiology</i> , 2022, 12, 838060.	1.8	9
47	A database for risk assessment and comparative genomic analysis of foodborne <i>Vibrio parahaemolyticus</i> in China. <i>Scientific Data</i> , 2020, 7, 321.	2.4	8
48	Mining of novel target genes through pan-genome analysis for multiplex PCR differentiation of the major <i>Listeria monocytogenes</i> serotypes. <i>International Journal of Food Microbiology</i> , 2021, 339, 109026.	2.1	8
49	Identification of Novel Sensitive and Reliable Serovar-Specific Targets for PCR Detection of <i>Salmonella</i> Serovars Hadar and Albany by Pan-Genome Analysis. <i>Frontiers in Microbiology</i> , 2021, 12, 605984.	1.5	8
50	Molecular characterisation of antimicrobial resistance determinants and class 1 integrons of <i>Salmonella enterica</i> subsp. <i>enterica</i> serotype Enteritidis strains from retail food in China. <i>Food Control</i> , 2021, 128, 108191.	2.8	8
51	A microfluidic genoserotyping strategy for fast and objective identification of common <i>Salmonella</i> serotypes isolated from retail food samples in China. <i>Analytica Chimica Acta</i> , 2022, 1201, 339657.	2.6	8
52	Microbial Communities and Physiochemical Properties of Four Distinctive Traditionally Fermented Vegetables from North China and Their Influence on Quality and Safety. <i>Foods</i> , 2022, 11, 21.	1.9	8
53	Whole <i>Agroclybe cylindracea</i> Prevented Obesity Linking with Modification of Gut Microbiota and Associated Fecal Metabolites in High-Fat Diet-Fed Mice. <i>Molecular Nutrition and Food Research</i> , 2022, 66, e2100897.	1.5	7
54	Exploration of the molecular mechanisms underlying the antibiotic resistance of <i>Helicobacter pylori</i> : A whole-genome sequencing-based study in Southern China. <i>Helicobacter</i> , 2022, 27, e12879.	1.6	7

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55	Characterization of class 1 integrons harboring bla _{VEB-1} in <i>Vibrio parahaemolyticus</i> isolated from ready-to-eat foods in China. <i>International Journal of Food Microbiology</i> , 2020, 318, 108473.	2.1	6
56	Identification of the Potential Biological Preservative Tetramycin A-Producing Strain and Enhancing Its Production. <i>Frontiers in Microbiology</i> , 2019, 10, 2925.	1.5	6
57	Genetic Diversity and Population Structure of <i>Vibrio parahaemolyticus</i> Isolated From Clinical and Food Sources. <i>Frontiers in Microbiology</i> , 2021, 12, 708795.	1.5	6
58	Genomic Analysis and Stability Evaluation of the Phenol-Degrading Bacterium <i>Acinetobacter</i> sp. DW-1 During Water Treatment. <i>Frontiers in Microbiology</i> , 2021, 12, 687511.	1.5	6
59	Microbial Communities and Physicochemical Characteristics of Traditional Dajiang and Sufu in North China Revealed by High-Throughput Sequencing of 16S rRNA. <i>Frontiers in Microbiology</i> , 2021, 12, 665243.	1.5	6
60	A novel multiplex PCR method for simultaneous identification of hypervirulent <i>Listeria monocytogenes</i> clonal complex 87 and CC88 strains in China. <i>International Journal of Food Microbiology</i> , 2022, 366, 109558.	2.1	6
61	Establishment and application of a rapid visual detection method for <i>Listeria monocytogenes</i> based on polymerase spiral reaction (PSR). <i>Bioengineered</i> , 2022, 13, 7860-7867.	1.4	6
62	Identification of new serovar-specific detection targets against salmonella B serogroup using large-scale comparative genomics. <i>Food Control</i> , 2021, 124, 107862.	2.8	5
63	Trichloroethylene induces biphasic concentration-dependent changes in cell proliferation and the expression of SET-associated proteins in human hepatic L-02 cells. <i>Biomedical and Environmental Sciences</i> , 2013, 26, 618-21.	0.2	5
64	A Novel Gene vp0610 Negatively Regulates Biofilm Formation in <i>Vibrio parahaemolyticus</i> . <i>Frontiers in Microbiology</i> , 2021, 12, 656380.	1.5	4
65	Development of a High-Efficiency Immunomagnetic Enrichment Method for Detection of Human Norovirus via PAMAM Dendrimer/SA-Biotin Mediated Cascade-Amplification. <i>Frontiers in Microbiology</i> , 2021, 12, 673872.	1.5	4
66	Evolutionary Divergence of the Novel Staphylococcal Species <i>Staphylococcus argenteus</i> . <i>Frontiers in Microbiology</i> , 2021, 12, 769642.	1.5	4
67	Determination of Antiviral Mechanism of Centenarian Gut-Derived <i>Limosilactobacillus fermentum</i> Against Norovirus. <i>Frontiers in Nutrition</i> , 2022, 9, 812623.	1.6	4
68	Presence and Characterization of a Novel cfr-Carrying Tn558 Transposon Derivative in <i>Staphylococcus delphini</i> Isolated From Retail Food. <i>Frontiers in Microbiology</i> , 2020, 11, 598990.	1.5	3
69	Development and Application of a Novel Rapid and Throughput Method for Broad-Spectrum Anti-Foodborne Norovirus Antibody Testing. <i>Frontiers in Microbiology</i> , 2021, 12, 670488.	1.5	3
70	Recent Advances in Glycosidase Probes Used in <i>Escherichia Coli</i> Detection. <i>Current Medicinal Chemistry</i> , 2021, 28, 5386-5410.	1.2	2
71	<i>Pseudomonas protegens</i> FJKB0103 Isolated from Rhizosphere Exhibits Anti-Methicillin-Resistant <i>Staphylococcus aureus</i> Activity. <i>Microorganisms</i> , 2022, 10, 315.	1.6	2
72	Pseudotargeted Metabolomic Fingerprinting and Deep Learning for Identification and Visualization of Common Pathogens. <i>Frontiers in Microbiology</i> , 2022, 13, 830832.	1.5	2

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73	Evolutionary Mechanism of Immunological Cross-Reactivity Between Different GII.17 Variants. <i>Frontiers in Microbiology</i> , 2021, 12, 653719.	1.5	1
74	Editorial: The Prevalence of MDR Non-Fermenting Gram Negative Bacteria and Their Chemotherapy. <i>Frontiers in Microbiology</i> , 2021, 12, 664336.	1.5	1
75	Isolation and Characterization of Non-O157 Shiga Toxin-Producing <i>Escherichia coli</i> in Foods Sold at Retail Markets in China. <i>Journal of Food Protection</i> , 2020, 83, 460-466.	0.8	1
76	Imbalanced Dermic Microbiome Aggravates Inflammation in Toenail Paronychia. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 781927.	1.8	1
77	Molecular Characterization of Rifampicin-Resistant <i>Staphylococcus aureus</i> Isolates from Retail Foods in China. <i>Antibiotics</i> , 2021, 10, 1487.	1.5	1