Liang Xue

List of Publications by Year in descending order

63 papers	1,080 citations	516215 16 h-index	476904 29 g-index
63 all docs	63 docs citations	63 times ranked	808 citing authors

#	Article	IF	Citations
1	The globally re-emerging norovirus GII.2 manifests higher heat resistance than norovirus GII.4 and Tulane virus. Journal of Applied Microbiology, 2022, 132, 2441-2449.	1.4	6
2	Development of a high resolution melting method based on a novel molecular target for discrimination between Bacillus cereus and Bacillus thuringiensis. Food Research International, 2022, 151, 110845.	2.9	10
3	Characterization of the Novel Phage vB_VpaP_FE11 and Its Potential Role in Controlling Vibrio parahaemolyticus Biofilms. Viruses, 2022, 14, 264.	1.5	12
4	A novel multiplex PCR method for simultaneous identification of hypervirulent Listeria monocytogenes clonal complex 87 and CC88 strains in China. International Journal of Food Microbiology, 2022, 366, 109558.	2.1	6
5	Exploration of the molecular mechanisms underlying the antibiotic resistance of Helicobacter pylori: A wholeâ€genome sequencingâ€based study in Southern China. Helicobacter, 2022, 27, e12879.	1.6	7
6	Pseudotargeted Metabolomic Fingerprinting and Deep Learning for Identification and Visualization of Common Pathogens. Frontiers in Microbiology, 2022, 13, 830832.	1.5	2
7	Determination of Antiviral Mechanism of Centenarian Gut-Derived Limosilactobacillus fermentum Against Norovirus. Frontiers in Nutrition, 2022, 9, 812623.	1.6	4
8	Controlled PAH-mediated method with enhanced optical properties for simple, stable immunochromatographic assays. Biosensors and Bioelectronics, 2022, 206, 114150.	5.3	6
9	The VP2 protein exhibits cross-interaction to the VP1 protein in norovirus GII.17. Infection, Genetics and Evolution, 2022, 100, 105265.	1.0	4
10	Microbial Communities and Physiochemical Properties of Four Distinctive Traditionally Fermented Vegetables from North China and Their Influence on Quality and Safety. Foods, 2022, 11, 21.	1.9	8
11	Microbiologic risk factors of recurrent choledocholithiasis post-endoscopic sphincterotomy. World Journal of Gastroenterology, 2022, 28, 1257-1271.	1.4	5
12	Exploration of the Molecular Mechanisms Underlying the Anti-Photoaging Effect of Limosilactobacillus fermentum XJC60. Frontiers in Cellular and Infection Microbiology, 2022, 12, 838060.	1.8	9
13	Real-time PCR identification of Listeria monocytogenes serotype 4c using primers for novel target genes obtained by comparative genomic analysis. LWT - Food Science and Technology, 2021, 138, 110774.	2.5	10
14	Mining of novel target genes through pan-genome analysis for multiplex PCR differentiation of the major Listeria monocytogenes serotypes. International Journal of Food Microbiology, 2021, 339, 109026.	2.1	8
15	Identification of Novel Sensitive and Reliable Serovar-Specific Targets for PCR Detection of Salmonella Serovars Hadar and Albany by Pan-Genome Analysis. Frontiers in Microbiology, 2021, 12, 605984.	1.5	8
16	Cas12aFDet: A CRISPR/Cas12a-based fluorescence platform for sensitive and specific detection of Listeria monocytogenes serotype 4c. Analytica Chimica Acta, 2021, 1151, 338248.	2.6	44
17	Development of a recombinase-aided amplification assay for rapid detection of human norovirus GII.4. BMC Infectious Diseases, 2021, 21, 248.	1.3	17
18	Evolutionary Mechanism of Immunological Cross-Reactivity Between Different GII.17 Variants. Frontiers in Microbiology, 2021, 12, 653719.	1.5	1

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19	A Novel Gene vp0610 Negatively Regulates Biofilm Formation in Vibrio parahaemolyticus. Frontiers in Microbiology, 2021, 12, 656380.	1.5	4
20	Development of a novel RAA-based microfluidic chip for absolute quantitative detection of human norovirus. Microchemical Journal, 2021, 164, 106050.	2.3	12
21	An ultrasensitive CRISPR/Cas12a based electrochemical biosensor for Listeria monocytogenes detection. Biosensors and Bioelectronics, 2021, 179, 113073.	5.3	151
22	Evaluation of the Cholesterol-Lowering Mechanism of Enterococcus faecium Strain 132 and Lactobacillus paracasei Strain 201 in Hypercholesterolemia Rats. Nutrients, 2021, 13, 1982.	1.7	16
23	Genetic Diversity and Population Structure of Vibrio parahaemolyticus Isolated From Clinical and Food Sources. Frontiers in Microbiology, 2021, 12, 708795.	1.5	6
24	Development of a High-Efficiency Immunomagnetic Enrichment Method for Detection of Human Norovirus via PAMAM Dendrimer/SA-Biotin Mediated Cascade-Amplification. Frontiers in Microbiology, 2021, 12, 673872.	1.5	4
25	Genomic Analysis and Stability Evaluation of the Phenol-Degrading Bacterium Acinetobacter sp. DW-1 During Water Treatment. Frontiers in Microbiology, 2021, 12, 687511.	1.5	6
26	Microbial Communities and Physicochemical Characteristics of Traditional Dajiang and Sufu in North China Revealed by High-Throughput Sequencing of 16S rRNA. Frontiers in Microbiology, 2021, 12, 665243.	1.5	6
27	Amplified electrochemical antibiotic aptasensing based on electrochemically deposited AuNPs coordinated with PEI-functionalized Fe-based metal-organic framework. Mikrochimica Acta, 2021, 188, 286.	2.5	19
28	Antigenic Diversity of Human Norovirus Capsid Proteins Based on the Cross-Reactivities of Their Antisera. Pathogens, 2021, 10, 986.	1.2	3
29	Recent Advances in Glycosidase Probes Used in Escherichia Coli Detection. Current Medicinal Chemistry, 2021, 28, 5386-5410.	1.2	2
30	Development and Application of a Novel Rapid and Throughput Method for Broad-Spectrum Anti-Foodborne Norovirus Antibody Testing. Frontiers in Microbiology, 2021, 12, 670488.	1.5	3
31	First report of the optrA-carrying multidrug resistance genomic island in Campylobacter jejuni isolated from pigeon meat. International Journal of Food Microbiology, 2021, 354, 109320.	2.1	12
32	Quantitative detection of aflatoxin B1 using quantum dots-based immunoassay in a recyclable gravity-driven microfluidic chip. Biosensors and Bioelectronics, 2021, 190, 113394.	5.3	22
33	Receptor profile and immunogenicity of the non-epidemic norovirus GII.8 variant. Virus Research, 2021, 306, 198603.	1.1	2
34	Global prevalence of norovirus in cases of acute gastroenteritis from 1997 to 2021: An updated systematic review and meta-analysis. Microbial Pathogenesis, 2021, 161, 105259.	1.3	27
35	Association of fucosyltransferase 2 gene with norovirus infection: A systematic review and meta-analysis. Infection, Genetics and Evolution, 2021, 96, 105091.	1.0	3
36	Evolutionary Divergence of the Novel Staphylococcal Species Staphylococcus argenteus. Frontiers in Microbiology, 2021, 12, 769642.	1.5	4

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37	Pediococcus pentosaceus IM96 Exerts Protective Effects against Enterohemorrhagic Escherichia coli O157:H7 Infection In Vivo. Foods, 2021, 10, 2945.	1.9	9
38	Imbalanced Dermic Microbiome Aggravates Inflammation in Toenail Paronychia. Frontiers in Cellular and Infection Microbiology, 2021, 11, 781927.	1.8	1
39	Characteristics of Antibiotic Resistance Genes and Antibiotic-Resistant Bacteria in Full-Scale Drinking Water Treatment System Using Metagenomics and Culturing. Frontiers in Microbiology, 2021, 12, 798442.	1.5	12
40	Molecular Characterization of Rifampicin-Resistant Staphylococcus aureus Isolates from Retail Foods in China. Antibiotics, 2021, 10, 1487.	1.5	1
41	Prevalence, Virulence, Antimicrobial Resistance, and Molecular Characterization of Pseudomonas aeruginosa Isolates From Drinking Water in China. Frontiers in Microbiology, 2020, 11, 544653.	1.5	17
42	Genome- and Proteome-Wide Analysis of Lysine Acetylation in Vibrio vulnificus Vv180806 Reveals Its Regulatory Roles in Virulence and Antibiotic Resistance. Frontiers in Microbiology, 2020, 11, 591287.	1.5	11
43	Food-Borne Vibrio parahaemolyticus in China: Prevalence, Antibiotic Susceptibility, and Genetic Characterization. Frontiers in Microbiology, 2020, 11, 1670.	1.5	31
44	Campylobacter jejuni Biofilm Formation Under Aerobic Conditions and Inhibition by ZnO Nanoparticles. Frontiers in Microbiology, 2020, 11, 207.	1.5	31
45	Abundant and Diverse RNA Viruses in Insects Revealed by RNA-Seq Analysis: Ecological and Evolutionary Implications. MSystems, 2020, 5, .	1.7	66
46	Staphylococcus argenteus isolated from retail foods in China: Incidence, antibiotic resistance, biofilm formation and toxin gene profile. Food Microbiology, 2020, 91, 103531.	2.1	20
47	Presence and Characterization of a Novel cfr-Carrying Tn558 Transposon Derivative in Staphylococcus delphini Isolated From Retail Food. Frontiers in Microbiology, 2020, 11, 598990.	1.5	3
48	Multiplex PCR for the Identification of Pathogenic Listeria in Flammulina velutipes Plant Based on Novel Specific Targets Revealed by Pan-Genome Analysis. Frontiers in Microbiology, 2020, 11, 634255.	1.5	9
49	Isolation and Characterization of Non-O157 Shiga Toxinâ€"Producing Escherichia coli in Foods Sold at Retail Markets in China. Journal of Food Protection, 2020, 83, 460-466.	0.8	1
50	Prevalence and genetic diversity of human sapovirus associated with sporadic acute gastroenteritis in South China from 2013 to 2017. Journal of Medical Virology, 2019, 91, 1759-1764.	2.5	5
51	Genome characteristics and molecular evolution of the human sapovirus variant GII.8. Infection, Genetics and Evolution, 2019, 73, 362-367.	1.0	9
52	Phenotypic and genotypic characterization of PVL-positive Staphylococcus aureus isolated from retail foods in China. International Journal of Food Microbiology, 2019, 304, 119-126.	2.1	26
53	Prevalence and Characterization of Food-Related Methicillin-Resistant Staphylococcus aureus (MRSA) in China. Frontiers in Microbiology, 2019, 10, 304.	1.5	74
54	Genome characterization and temporal evolution analysis of a non-epidemic norovirus variant GII.8. Infection, Genetics and Evolution, 2019, 70, 15-23.	1.0	5

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55	Staphylococcus aureus Isolated From Retail Meat and Meat Products in China: Incidence, Antibiotic Resistance and Genetic Diversity. Frontiers in Microbiology, 2018, 9, 2767.	1.5	142
56	Prevalence and Characterization of Staphylococcus aureus Isolated From Retail Vegetables in China. Frontiers in Microbiology, 2018, 9, 1263.	1.5	45
57	Comparative genome analysis of a norovirus GII.4 strain GZ2013-L10 isolated from South China. Virus Genes, 2016, 52, 14-21.	0.7	6
58	Molecular epidemiology of noroviruses associated with sporadic gastroenteritis in Guangzhou, China, 2013-2015. Archives of Virology, 2016, 161, 1377-1384.	0.9	19
59	Development of a sensitive method for directly sequencing GII.4 norovirus genome. Diagnostic Microbiology and Infectious Disease, 2016, 84, 200-202.	0.8	4
60	Molecular characterization of new emerging GII.17 norovirus strains from South China. Infection, Genetics and Evolution, 2016, 40, 1-7.	1.0	21
61	Genome characterization of a GII.6 norovirus strain identified in China. Infection, Genetics and Evolution, 2015, 31, 110-117.	1.0	20
62	Complete genome analysis of a novel norovirus GII.4 variant identified in China. Virus Genes, 2013, 47, 228-234.	0.7	10
63	Genetic Analysis of Noroviruses Associated with Sporadic Gastroenteritis During Winter in Guangzhou, China. Foodborne Pathogens and Disease, 2013, 10, 888-895.	0.8	13