

# Liang Xue

## List of Publications by Year in descending order

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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	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	<i>Staphylococcus aureus</i> Isolated From Retail Meat and Meat Products in China: Incidence, Antibiotic Resistance and Genetic Diversity. <i>Frontiers in Microbiology</i> , 2018, 9, 2767.	1.5	142
3	Prevalence and Characterization of Food-Related Methicillin-Resistant <i>Staphylococcus aureus</i> (MRSA) in China. <i>Frontiers in Microbiology</i> , 2019, 10, 304.	1.5	74
4	Abundant and Diverse RNA Viruses in Insects Revealed by RNA-Seq Analysis: Ecological and Evolutionary Implications. <i>MSystems</i> , 2020, 5, .	1.7	66
5	Prevalence and Characterization of <i>Staphylococcus aureus</i> Isolated From Retail Vegetables in China. <i>Frontiers in Microbiology</i> , 2018, 9, 1263.	1.5	45
6	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
7	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
8	<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
9	Global prevalence of norovirus in cases of acute gastroenteritis from 1997 to 2021: An updated systematic review and meta-analysis. <i>Microbial Pathogenesis</i> , 2021, 161, 105259.	1.3	27
10	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
11	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
12	Molecular characterization of new emerging GII.17 norovirus strains from South China. <i>Infection, Genetics and Evolution</i> , 2016, 40, 1-7.	1.0	21
13	Genome characterization of a GII.6 norovirus strain identified in China. <i>Infection, Genetics and Evolution</i> , 2015, 31, 110-117.	1.0	20
14	<i>Staphylococcus argenteus</i> isolated from retail foods in China: Incidence, antibiotic resistance, biofilm formation and toxin gene profile. <i>Food Microbiology</i> , 2020, 91, 103531.	2.1	20
15	Molecular epidemiology of noroviruses associated with sporadic gastroenteritis in Guangzhou, China, 2013-2015. <i>Archives of Virology</i> , 2016, 161, 1377-1384.	0.9	19
16	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
17	Prevalence, Virulence, Antimicrobial Resistance, and Molecular Characterization of <i>Pseudomonas aeruginosa</i> Isolates From Drinking Water in China. <i>Frontiers in Microbiology</i> , 2020, 11, 544653.	1.5	17
18	Development of a recombinase-aided amplification assay for rapid detection of human norovirus GII.4. <i>BMC Infectious Diseases</i> , 2021, 21, 248.	1.3	17

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19	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
20	Genetic Analysis of Noroviruses Associated with Sporadic Gastroenteritis During Winter in Guangzhou, China. <i>Foodborne Pathogens and Disease</i> , 2013, 10, 888-895.	0.8	13
21	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
22	First report of the <i>optrA</i> -carrying multidrug resistance genomic island in <i>Campylobacter jejuni</i> isolated from pigeon meat. <i>International Journal of Food Microbiology</i> , 2021, 354, 109320.	2.1	12
23	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
24	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
25	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
26	Complete genome analysis of a novel norovirus GII.4 variant identified in China. <i>Virus Genes</i> , 2013, 47, 228-234.	0.7	10
27	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
28	Development of a high resolution melting method based on a novel molecular target for discrimination between <i>Bacillus cereus</i> and <i>Bacillus thuringiensis</i> . <i>Food Research International</i> , 2022, 151, 110845.	2.9	10
29	Genome characteristics and molecular evolution of the human sapovirus variant GII.8. <i>Infection, Genetics and Evolution</i> , 2019, 73, 362-367.	1.0	9
30	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
31	<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
32	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
33	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
34	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
35	Microbial Communities and Physicochemical 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
36	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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37	Comparative genome analysis of a norovirus GII.4 strain GZ2013-L10 isolated from South China. <i>Virus Genes</i> , 2016, 52, 14-21.	0.7	6
38	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
39	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
40	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
41	The globally re-emerging norovirus GII.2 manifests higher heat resistance than norovirus GII.4 and Tulane virus. <i>Journal of Applied Microbiology</i> , 2022, 132, 2441-2449.	1.4	6
42	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
43	Controlled PAH-mediated method with enhanced optical properties for simple, stable immunochromatographic assays. <i>Biosensors and Bioelectronics</i> , 2022, 206, 114150.	5.3	6
44	Prevalence and genetic diversity of human sapovirus associated with sporadic acute gastroenteritis in South China from 2013 to 2017. <i>Journal of Medical Virology</i> , 2019, 91, 1759-1764.	2.5	5
45	Genome characterization and temporal evolution analysis of a non-epidemic norovirus variant GII.8. <i>Infection, Genetics and Evolution</i> , 2019, 70, 15-23.	1.0	5
46	Microbiologic risk factors of recurrent choledocholithiasis post-endoscopic sphincterotomy. <i>World Journal of Gastroenterology</i> , 2022, 28, 1257-1271.	1.4	5
47	Development of a sensitive method for directly sequencing GII.4 norovirus genome. <i>Diagnostic Microbiology and Infectious Disease</i> , 2016, 84, 200-202.	0.8	4
48	A Novel Gene vp0610 Negatively Regulates Biofilm Formation in <i>Vibrio parahaemolyticus</i> . <i>Frontiers in Microbiology</i> , 2021, 12, 656380.	1.5	4
49	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
50	Evolutionary Divergence of the Novel Staphylococcal Species <i>Staphylococcus argenteus</i> . <i>Frontiers in Microbiology</i> , 2021, 12, 769642.	1.5	4
51	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
52	The VP2 protein exhibits cross-interaction to the VP1 protein in norovirus GII.17. <i>Infection, Genetics and Evolution</i> , 2022, 100, 105265.	1.0	4
53	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
54	Antigenic Diversity of Human Norovirus Capsid Proteins Based on the Cross-Reactivities of Their Antisera. <i>Pathogens</i> , 2021, 10, 986.	1.2	3

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55	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
56	Association of fucosyltransferase 2 gene with norovirus infection: A systematic review and meta-analysis. <i>Infection, Genetics and Evolution</i> , 2021, 96, 105091.	1.0	3
57	Recent Advances in Glycosidase Probes Used in Escherichia Coli Detection. <i>Current Medicinal Chemistry</i> , 2021, 28, 5386-5410.	1.2	2
58	Receptor profile and immunogenicity of the non-epidemic norovirus GII.8 variant. <i>Virus Research</i> , 2021, 306, 198603.	1.1	2
59	Pseudotargeted Metabolomic Fingerprinting and Deep Learning for Identification and Visualization of Common Pathogens. <i>Frontiers in Microbiology</i> , 2022, 13, 830832.	1.5	2
60	Evolutionary Mechanism of Immunological Cross-Reactivity Between Different GII.17 Variants. <i>Frontiers in Microbiology</i> , 2021, 12, 653719.	1.5	1
61	Isolation and Characterization of Non-O157 Shiga Toxin-Producing Escherichia coli in Foods Sold at Retail Markets in China. <i>Journal of Food Protection</i> , 2020, 83, 460-466.	0.8	1
62	Imbalanced Dermic Microbiome Aggravates Inflammation in Toenail Paronychia. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 781927.	1.8	1
63	Molecular Characterization of Rifampicin-Resistant Staphylococcus aureus Isolates from Retail Foods in China. <i>Antibiotics</i> , 2021, 10, 1487.	1.5	1