

# Yanhong Liu

## List of Publications by Citations

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79  
papers

1,248  
citations

19  
h-index

33  
g-index

93  
ext. papers

1,482  
ext. citations

4  
avg, IF

4.52  
L-index

#	Paper	IF	Citations
79	Detection by multiplex real-time polymerase chain reaction assays and isolation of Shiga toxin-producing <i>Escherichia coli</i> serogroups O26, O45, O103, O111, O121, and O145 in ground beef. <i>Foodborne Pathogens and Disease</i> , <b>2011</b> , 8, 601-7	3.8	114
78	A gene expression signature for oxidant stress/reactive metabolites in rat liver. <i>Biochemical Pharmacology</i> , <b>2004</b> , 68, 2249-61	6	81
77	Advances in Molecular Serotyping and Subtyping of <i>Escherichia coli</i> . <i>Frontiers in Microbiology</i> , <b>2016</b> , 7, 644	5.7	67
76	Comparison of O-Antigen Gene Clusters of All O-Serogroups of <i>Escherichia coli</i> and Proposal for Adopting a New Nomenclature for O-Typing. <i>PLoS ONE</i> , <b>2016</b> , 11, e0147434	3.7	58
75	Retail survey of Brazilian milk and Minas frescal cheese and a contaminated dairy plant to establish prevalence, relatedness, and sources of <i>Listeria monocytogenes</i> isolates. <i>Applied and Environmental Microbiology</i> , <b>2008</b> , 74, 4954-61	4.8	55
74	Development of PCR assays targeting genes in O-antigen gene clusters for detection and identification of <i>Escherichia coli</i> O45 and O55 serogroups. <i>Applied and Environmental Microbiology</i> , <b>2005</b> , 71, 4919-24	4.8	55
73	Molecular cloning and characterization of a tobacco MAP kinase kinase that interacts with SIPK. <i>Molecular Plant-Microbe Interactions</i> , <b>2000</b> , 13, 118-24	3.6	49
72	Gene expression profiling of <i>Listeria monocytogenes</i> strain F2365 during growth in ultrahigh-temperature-processed skim milk. <i>Applied and Environmental Microbiology</i> , <b>2008</b> , 74, 6859-66	4.8	48
71	PCR detection of enterohemorrhagic <i>Escherichia coli</i> O145 in food by targeting genes in the <i>E. coli</i> O145 O-antigen gene cluster and the shiga toxin 1 and shiga toxin 2 genes. <i>Foodborne Pathogens and Disease</i> , <b>2009</b> , 6, 605-11	3.8	47
70	Growth kinetics of <i>Listeria monocytogenes</i> and spoilage microorganisms in fresh-cut cantaloupe. <i>Food Microbiology</i> , <b>2013</b> , 34, 174-81	6	46
69	Assessment of the Antimicrobial Activity of Olive Leaf Extract Against Foodborne Bacterial Pathogens. <i>Frontiers in Microbiology</i> , <b>2017</b> , 8, 113	5.7	44
68	Prevalence and antimicrobial susceptibility of <i>Vibrio parahaemolyticus</i> isolated from retail shellfish in Shanghai. <i>Food Control</i> , <b>2016</b> , 60, 263-268	6.2	43
67	How does <i>Listeria monocytogenes</i> combat acid conditions?. <i>Canadian Journal of Microbiology</i> , <b>2013</b> , 59, 141-52	3.2	37
66	Inactivation of <i>Listeria innocua</i> , <i>Salmonella Typhimurium</i> , and <i>Escherichia coli</i> O157:H7 on surface and stem scar areas of tomatoes using in-package ozonation. <i>Journal of Food Protection</i> , <b>2012</b> , 75, 1611-8	3.5	37
65	Development of a real-time loop-mediated isothermal amplification (LAMP) assay and visual LAMP assay for detection of African swine fever virus (ASFV). <i>Journal of Virological Methods</i> , <b>2020</b> , 276, 113775	2.6	35
64	The expression of superoxide dismutase (SOD) and a putative ABC transporter permease is inversely correlated during biofilm formation in <i>Listeria monocytogenes</i> 4b G. <i>PLoS ONE</i> , <b>2012</b> , 7, e48467	3.7	29
63	<i>Escherichia coli</i> O antigen typing using DNA microarrays. <i>Molecular and Cellular Probes</i> , <b>2006</b> , 20, 239-44	3.3	26

62	Escherichia coli serogroup O2 and O28ac O-antigen gene cluster sequences and detection of pathogenic E. coli O2 and O28ac by PCR. <i>Canadian Journal of Microbiology</i> , <b>2010</b> , 56, 308-16	3.2	23
61	Antimicrobial activity and inactivation mechanism of lactonic and free acid sophorolipids against Escherichia coli O157:H7. <i>Biocatalysis and Agricultural Biotechnology</i> , <b>2017</b> , 11, 176-182	4.2	22
60	A Comparison of In-House Real-Time LAMP Assays with a Commercial Assay for the Detection of Pathogenic Bacteria. <i>Molecules</i> , <b>2015</b> , 20, 9487-95	4.8	17
59	Cloning, characterization, and heterologous expression of a novel glucosyltransferase gene from sophorolipid-producing <i>Candida bombicola</i> . <i>Gene</i> , <b>2014</b> , 540, 46-53	3.8	16
58	Development and evaluation of rapid detection of classical swine fever virus by reverse transcription loop-mediated isothermal amplification (RT-LAMP). <i>Journal of Biotechnology</i> , <b>2010</b> , 146, 147-50	3.7	15
57	A Ds insertion alters the nuclear localization of the maize transcriptional activator R. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>1996</b> , 93, 7816-20	11.5	15
56	Gene expression profiling of a pressure-tolerant <i>Listeria monocytogenes</i> Scott A <i>ctsR</i> deletion mutant. <i>Journal of Industrial Microbiology and Biotechnology</i> , <b>2011</b> , 38, 1523-33	4.2	13
55	Comparative transcriptome RNA-Seq analysis of <i>Listeria monocytogenes</i> with sodium lactate adaptation. <i>Food Control</i> , <b>2018</b> , 91, 193-201	6.2	12
54	A systems biology approach to investigate the antimicrobial activity of oleuropein. <i>Journal of Industrial Microbiology and Biotechnology</i> , <b>2016</b> , 43, 1705-1717	4.2	12
53	Sequencing and analysis of the Escherichia coli serogroup O117, O126, and O146 O-antigen gene clusters and development of PCR assays targeting serogroup O117-, O126-, and O146-specific DNA sequences. <i>Molecular and Cellular Probes</i> , <b>2007</b> , 21, 295-302	3.3	12
52	Transcriptional Sequencing Uncovers Survival Mechanisms of <i>Salmonella enterica</i> Serovar Enteritidis in Antibacterial Egg White. <i>MSphere</i> , <b>2019</b> , 4,	5	12
51	The Inhibitory Effect of Plant Extracts on Growth of the Foodborne Pathogen,. <i>Antibiotics</i> , <b>2020</b> , 9,	4.9	11
50	Synergistic Effect of Chlorogenic Acid and Caffeic Acid with Fosfomycin on Growth Inhibition of a Resistant Strain. <i>ACS Omega</i> , <b>2020</b> , 5, 7537-7544	3.9	11
49	Impact of Sod on the expression of stress-related genes in <i>Listeria monocytogenes</i> 4b G with/without paraquat treatment. <i>Journal of Food Science</i> , <b>2014</b> , 79, M1745-9	3.4	11
48	The DNA Sequence of the Escherichia coli O22 O-Antigen Gene Cluster and Detection of Pathogenic Strains Belonging to E. coli Serogroups O22 and O91 by Multiplex PCR Assays Targeting Virulence Genes and Genes in the Respective O-Antigen Gene Clusters. <i>Food Analytical Methods</i> , <b>2009</b> , 2, 169-179	3.4	11
47	Purification, characterization and decolorization of bilirubin oxidase from <i>Myrothecium verrucaria</i> 3.2190. <i>Fungal Biology</i> , <b>2012</b> , 116, 863-71	2.8	9
46	Co-existence of <i>mphA</i> , <i>oqxAB</i> and <i>blaCTX-M-65</i> on the IncHI2 Plasmid in highly drug-resistant <i>Salmonella enterica</i> serovar Indiana ST17 isolated from retail foods and humans in China. <i>Food Control</i> , <b>2020</b> , 118, 107269	6.2	8
45	Escherichia coli O-Antigen Gene Clusters of Serogroups O62, O68, O131, O140, O142, and O163: DNA Sequences and Similarity between O62 and O68, and PCR-Based Serogrouping. <i>Biosensors</i> , <b>2015</b> , 5, 51-68	5.9	8

44	Detection of Cassava Component in Sweet Potato Noodles by Real-Time Loop-mediated Isothermal Amplification (Real-time LAMP) Method. <i>Molecules</i> , <b>2019</b> , 24,	4.8	7
43	Natural flagella-templated Au nanowires as a novel adjuvant against <i>Listeria monocytogenes</i> . <i>Nanoscale</i> , <b>2020</b> , 12, 5627-5635	7.7	7
42	Encoding for a Fructose Specific PTS Permease IIA May Be Required for Virulence in Strain F2365. <i>Frontiers in Microbiology</i> , <b>2017</b> , 8, 1611	5.7	7
41	DNA sequencing and identification of serogroup-specific genes in the <i>Escherichia coli</i> O118 O antigen gene cluster and demonstration of antigenic diversity but only minor variation in DNA sequence of the O antigen clusters of <i>E. coli</i> O118 and O151. <i>Foodborne Pathogens and Disease</i> , <b>2015</b> , 12, 549-557	3.8	7
40	Development of Lingzhi or Reishi medicinal mushroom, <i>Ganoderma lucidum</i> (Higher Basidiomycetes) polysaccharides injection formulation. <i>International Journal of Medicinal Mushrooms</i> , <b>2014</b> , 16, 411-9	1.3	7
39	Construction of <i>Listeria monocytogenes</i> Mutants with In-Frame Deletions in Putative ATP-Binding Cassette (ABC) Transporters and Analysis of Their Growth under Stress Conditions. <i>Journal of Microbial &amp; Biochemical Technology</i> , <b>2012</b> , 04,		7
38	Ladder-shape melting temperature isothermal amplification of nucleic acids. <i>BioTechniques</i> , <b>2021</b> , 71, 358-369	2.5	7
37	Construction of <i>Listeria monocytogenes</i> mutants with in-frame deletions in the phosphotransferase transport system (PTS) and analysis of their growth under stress conditions. <i>Journal of Food Science</i> , <b>2013</b> , 78, M1392-8	3.4	6
36	Effect of environmental stresses on the survival and cytotoxicity of Shiga toxin-producing <i>Escherichia coli</i> . <i>Food Quality and Safety</i> , <b>2017</b> , 1, 139-146	3.8	5
35	Development of Primer Sets for Loop-Mediated Isothermal Amplification that Enables Rapid and Specific Detection of <i>Streptococcus dysgalactiae</i> , <i>Streptococcus uberis</i> and <i>Streptococcus agalactiae</i> . <i>International Journal of Environmental Research and Public Health</i> , <b>2015</b> , 12, 5735-42	4.6	5
34	Gene expression profiling of a nisin-sensitive <i>Listeria monocytogenes</i> Scott A ctsR deletion mutant. <i>Journal of Industrial Microbiology and Biotechnology</i> , <b>2013</b> , 40, 495-505	4.2	5
33	Whole-genome sequence of <i>Staphylococcus aureus</i> strain LCT-SA112. <i>Journal of Bacteriology</i> , <b>2012</b> , 194, 4124	3.5	5
32	The structural characterization of the O-polysaccharide antigen of the lipopolysaccharide of <i>Escherichiacoli</i> serotype O118 and its relation to the O-antigens of <i>Escherichiacoli</i> O151 and <i>Salmonellaenterica</i> O47. <i>Carbohydrate Research</i> , <b>2010</b> , 345, 2664-9	2.9	5
31	Role of Gene Regulated by CpxR in the Survival of Serovar Enteritidis in Antibacterial Egg White. <i>MSphere</i> , <b>2020</b> , 5,	5	5
30	Inactivation of extraintestinal pathogenic <i>E. coli</i> suspended in ground chicken meat by high pressure processing and identification of virulence factors which may affect resistance to high pressure. <i>Food Control</i> , <b>2020</b> , 111, 107070	6.2	5
29	Growth characteristics of Shiga toxin-producing <i>Escherichia coli</i> (STEC) stressed by chlorine, sodium chloride, acid, and starvation on lettuce and cantaloupe. <i>Food Control</i> , <b>2015</b> , 55, 97-102	6.2	4
28	Sporulation and germination gene expression analysis of <i>Bacillus anthracis</i> Sterne spores in skim milk under heat and different intervention techniques. <i>Journal of Food Science</i> , <b>2009</b> , 74, M120-4	3.4	4
27	Development and Evaluation of a Commercial Sequence-Based Strain Typing Service for <i>Listeria monocytogenes</i> . <i>Journal of Microbial &amp; Biochemical Technology</i> , <b>2015</b> , 07,		4

26	Characterization of the role of ybgC in lysozyme resistance of Salmonella Enteritidis. <i>Food Control</i> , <b>2020</b> , 109, 106732	6.2	3
25	Rapid identification of adulterated honey according to the targeted analysis of phenolic compounds using chemometrics. <i>European Food Research and Technology</i> , <b>2021</b> , 247, 1975-1985	3-4	3
24	Draft Whole-Genome Sequences of Seven <i>Listeria monocytogenes</i> Strains with Variations in Virulence and Stress Responses. <i>Microbiology Resource Announcements</i> , <b>2018</b> , 7,	1-3	3
23	Antimicrobial Activities of Olive Leaf Extract and Its Potential Use in Food Industry. <i>ACS Symposium Series</i> , <b>2018</b> , 119-132	0-4	3
22	Integration of transcriptomic and proteomic approaches unveils the molecular mechanism of membrane disintegration in <i>Escherichia coli</i> O157:H7 with ultrasonic treatment. <i>Science of the Total Environment</i> , <b>2021</b> , 791, 148366	10.2	3
21	Sensitivity of pathogenic and attenuated <i>E. coli</i> O157:H7 strains to ultraviolet-C light as assessed by conventional plating methods and ethidium monoazide-PCR. <i>Journal of Food Safety</i> , <b>2017</b> , 37, e12346	2	2
20	Effect of combination of Oxyrase and sodium thioglycolate on growth of <i>Clostridium perfringens</i> from spores under aerobic incubation. <i>Food Microbiology</i> , <b>2020</b> , 89, 103413	6	2
19	Galacto-oligosaccharide hydrolysis by genetically-engineered alpha-galactosidase-producing <i>Pseudomonas chlororaphis</i> strains. <i>Biocatalysis and Agricultural Biotechnology</i> , <b>2018</b> , 13, 213-218	4-2	2
18	Optimization of Liquid Fermentation Conditions and Protein Nutrition Evaluation of Mycelium from the Caterpillar Medicinal Mushroom, <i>Cordyceps militaris</i> (Ascomycetes). <i>International Journal of Medicinal Mushrooms</i> , <b>2016</b> , 18, 745-752	1-3	2
17	Molecular Characterization of Cephalosporin-Resistant Enteritidis ST11 Isolates Carrying from Children with Diarrhea. <i>Foodborne Pathogens and Disease</i> , <b>2021</b> , 18, 702-711	3-8	2
16	A multipathogen selective enrichment broth for simultaneous growth of <i>Salmonella enterica</i> , <i>Escherichia coli</i> O157:H7, and <i>Shigella flexneri</i> . <i>Journal of Food Safety</i> , <b>2018</b> , 38, e12388	2	1
15	Nonlabeled quantitative proteomic comparison identifies differences in acid resistance between <i>Escherichia coli</i> O157:H7 curli production variants. <i>Foodborne Pathogens and Disease</i> , <b>2014</b> , 11, 30-7	3-8	1
14	pH fractionation and identification of proteins: comparing column chromatofocusing versus liquid isoelectric focusing techniques. <i>Journal of Separation Science</i> , <b>2012</b> , 35, 1399-405	3-4	1
13	SSEL, a selective enrichment broth for simultaneous growth of <i>Salmonella enterica</i> , <i>Staphylococcus aureus</i> , <i>Escherichia coli</i> O157: H7, and <i>Listeria monocytogenes</i> . <i>Journal of Food Safety</i> , <b>2020</b> , 40, e12837 <sup>2</sup>		1
12	Two homologous <i>Salmonella</i> serogroup C1-specific genes are required for flagellar motility and cell invasion. <i>BMC Genomics</i> , <b>2021</b> , 22, 507	4-5	1
11	Genomic characterization of an extensively drug-resistant chicken-borne <i>Salmonella</i> Indiana isolate carrying an IncHI2-IncHI2A plasmid. <i>Food Control</i> , <b>2021</b> , 125, 107761	6.2	1
10	Draft Genome Sequences of Seven Strains of Shiga Toxin-Producing <i>Escherichia coli</i> O111 with Variation in Their Sensitivity to Novobiocin. <i>Microbiology Resource Announcements</i> , <b>2018</b> , 7,	1-3	1
9	A Targeted Sequencing Assay for Serotyping Using AgriSeq Technology. <i>Frontiers in Microbiology</i> , <b>2020</b> , 11, 627997	5-7	1

8	Development of a real-time LAMP assay for monofloral honey authentication using rape honey. <i>CYTA - Journal of Food</i> , <b>2020</b> , 18, 309-314	2.3	o
7	Dissemination of IncFII plasmids carrying <i>fosA3</i> and <i>bla</i> in clinical isolates of <i>Salmonella enteritidis</i> . <i>Zoonoses and Public Health</i> , <b>2021</b> , 68, 760-768	2.9	o
6	Anti-listerial activity of thermophilin 110 and pediocin in fermented milk and whey. <i>Food Control</i> , <b>2021</b> , 125, 107941	6.2	o
5	Nucleic Acid-Based Diagnostic Methods. <i>ACS Symposium Series</i> , <b>2006</b> , 28-40	0.4	
4	Logistic modeling to predict the minimum inhibitory concentration (MIC) of olive leaf extract (OLE) against <i>Listeria monocytogenes</i> .. <i>PLoS ONE</i> , <b>2022</b> , 17, e0263359	3.7	
3	<i>Listeria</i> environmental sampling tests are compatible with polymorphic locus sequence typing. <i>Journal of Food Science</i> , <b>2021</b> , 86, 3188-3194	3.4	
2	Transcriptomics of Treated With Olive Leaf Extract.. <i>Frontiers in Microbiology</i> , <b>2021</b> , 12, 782116	5.7	
1	Involvement of a putative ATP-Binding Cassette (ABC) Involved in manganese transport in virulence of <i>Listeria monocytogenes</i> . <i>PLoS ONE</i> , <b>2022</b> , 17, e0268924	3.7	