

# Yanhong Liu

## List of Publications by Year in descending order

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89  
papers

1,747  
citations

361413  
20  
h-index

315739  
38  
g-index

93  
all docs

93  
docs citations

93  
times ranked

2157  
citing authors

#	ARTICLE	IF	CITATIONS
1	Detection by Multiplex Real-Time Polymerase Chain Reaction Assays and Isolation of Shiga Toxinâ€‘Producing<i>Escherichia coli</i> Serogroups O26, O45, O103, O111, O121, and O145 in Ground Beef. Foodborne Pathogens and Disease, 2011, 8, 601-607.	1.8	139
2	Advances in Molecular Serotyping and Subtyping of Escherichia coliâ€‘. Frontiers in Microbiology, 2016, 7, 644.	3.5	103
3	Comparison of O-Antigen Gene Clusters of All O-Serogroups of Escherichia coli and Proposal for Adopting a New Nomenclature for O-Typing. PLoS ONE, 2016, 11, e0147434.	2.5	95
4	A gene expression signature for oxidant stress/reactive metabolites in rat liver. Biochemical Pharmacology, 2004, 68, 2249-2261.	4.4	90
5	Assessment of the Antimicrobial Activity of Olive Leaf Extract Against Foodborne Bacterial Pathogens. Frontiers in Microbiology, 2017, 8, 113.	3.5	70
6	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. Applied and Environmental Microbiology, 2008, 74, 4954-4961.	3.1	67
7	Development of a real-time loop-mediated isothermal amplification (LAMP) assay and visual LAMP assay for detection of African swine fever virus (ASFV). Journal of Virological Methods, 2020, 276, 113775.	2.1	67
8	Prevalence and antimicrobial susceptibility of Vibrio parahaemolyticus isolated from retail shellfish in Shanghai. Food Control, 2016, 60, 263-268.	5.5	60
9	Development of PCR Assays Targeting Genes in O-Antigen Gene Clusters for Detection and Identification of Escherichia coli O45 and O55 Serogroups. Applied and Environmental Microbiology, 2005, 71, 4919-4924.	3.1	57
10	Molecular Cloning and Characterization of a Tobacco MAP Kinase Kinase That Interacts with SIPK. Molecular Plant-Microbe Interactions, 2000, 13, 118-124.	2.6	56
11	Gene Expression Profiling of <i>Listeria monocytogenes</i> Strain F2365 during Growth in Ultrahigh-Temperature-Processed Skim Milk. Applied and Environmental Microbiology, 2008, 74, 6859-6866.	3.1	56
12	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. Foodborne Pathogens and Disease, 2009, 6, 605-611.	1.8	54
13	Growth kinetics of Listeria monocytogenes and spoilage microorganisms in fresh-cut cantaloupe. Food Microbiology, 2013, 34, 174-181.	4.2	54
14	How does<i>Listeria monocytogenes</i> combat acid conditions?. Canadian Journal of Microbiology, 2013, 59, 141-152.	1.7	50
15	Inactivation of Listeria innocua, Salmonella Typhimurium, and Escherichia coli O157:H7 on Surface and Stem Scar Areas of Tomatoes Using In-Package Ozonation. Journal of Food Protection, 2012, 75, 1611-1618.	1.7	42
16	The Expression of Superoxide Dismutase (SOD) and a Putative ABC Transporter Permease Is Inversely Correlated during Biofilm Formation in Listeria monocytogenes 4b G. PLoS ONE, 2012, 7, e48467.	2.5	36
17	Escherichia coli O antigen typing using DNA microarrays. Molecular and Cellular Probes, 2006, 20, 239-244.	2.1	32
18	Antimicrobial activity and inactivation mechanism of lactonic and free acid sophorolipids against Escherichia coli O157:H7. Biocatalysis and Agricultural Biotechnology, 2017, 11, 176-182.	3.1	32

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19	<i>Escherichia coli</i> serogroup O2 and O28ac O-antigen gene cluster sequences and detection of pathogenic <i>E. coli</i> O2 and O28ac by PCR. Canadian Journal of Microbiology, 2010, 56, 308-316.	1.7	25
20	The Inhibitory Effect of Plant Extracts on Growth of the Foodborne Pathogen, <i>Listeria monocytogenes</i> . Antibiotics, 2020, 9, 319.	3.7	25
21	Synergistic Effect of Chlorogenic Acid and Caffeic Acid with Fosfomycin on Growth Inhibition of a Resistant <i>Listeria monocytogenes</i> Strain. ACS Omega, 2020, 5, 7537-7544.	3.5	22
22	A Comparison of In-House Real-Time LAMP Assays with a Commercial Assay for the Detection of Pathogenic Bacteria. Molecules, 2015, 20, 9487-9495.	3.8	21
23	Comparative transcriptome RNA-Seq analysis of <i>Listeria monocytogenes</i> with sodium lactate adaptation. Food Control, 2018, 91, 193-201.	5.5	20
24	Development and evaluation of rapid detection of classical swine fever virus by reverse transcription loop-mediated isothermal amplification (RT-LAMP). Journal of Biotechnology, 2010, 146, 147-150.	3.8	19
25	Cloning, characterization, and heterologous expression of a novel glucosyltransferase gene from sophorolipid-producing <i>Candida bombicola</i> . Gene, 2014, 540, 46-53.	2.2	18
26	ADs insertion alters the nuclear localization of the maize transcriptional activator R.. Proceedings of the National Academy of Sciences of the United States of America, 1996, 93, 7816-7820.	7.1	17
27	Transcriptional Sequencing Uncovers Survival Mechanisms of <i>Salmonella enterica</i> Serovar Enteritidis in Antibacterial Egg White. MSphere, 2019, 4, .	2.9	17
28	Ladder-shape melting temperature isothermal amplification of nucleic acids. BioTechniques, 2021, 71, 358-369.	1.8	17
29	Anti-listerial activity of thermophilin 110 and pediocin in fermented milk and whey. Food Control, 2021, 125, 107941.	5.5	17
30	Gene expression profiling of a pressure-tolerant <i>Listeria monocytogenes</i> Scott A <i>ctsR</i> deletion mutant. Journal of Industrial Microbiology and Biotechnology, 2011, 38, 1523-1533.	3.0	16
31	A systems biology approach to investigate the antimicrobial activity of oleuropein. Journal of Industrial Microbiology and Biotechnology, 2016, 43, 1705-1717.	3.0	16
32	LMOF2365_0442 Encoding for a Fructose Specific PTS Permease IIA May Be Required for Virulence in <i>L. monocytogenes</i> Strain F2365. Frontiers in Microbiology, 2017, 8, 1611.	3.5	16
33	Sequencing and analysis of the <i>Escherichia coli</i> serogroup O117, O126, and O146 O-antigen gene clusters and development of PCR assays targeting serogroup O117-, O126-, and O146-specific DNA sequences. Molecular and Cellular Probes, 2007, 21, 295-302.	2.1	15
34	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. Food Control, 2020, 118, 107269.	5.5	14
35	The DNA Sequence of the <i>Escherichia coli</i> O22 O-Antigen Gene Cluster and Detection of Pathogenic Strains Belonging to <i>E. coli</i> Serogroups O22 and O91 by Multiplex PCR Assays Targeting Virulence Genes and Genes in the Respective O-Antigen Gene Clusters. Food Analytical Methods, 2009, 2, 169-179.	2.6	12
36	Impact of <i>Sod</i> on the Expression of Stress-Related Genes in <i>Listeria monocytogenes</i> 4b G with/without Paraquat Treatment. Journal of Food Science, 2014, 79, M1745-9.	3.1	12

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37	Detection of Cassava Component in Sweet Potato Noodles by Real-Time Loop-mediated Isothermal Amplification (Real-time LAMP) Method. <i>Molecules</i> , 2019, 24, 2043.	3.8	12
38	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> , 2021, 791, 148366.	8.0	11
39	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> , 2016, 18, 745-752.	1.5	11
40	Purification, characterization and decolorization of bilirubin oxidase from <i>Myrothecium verrucaria</i> 3.2190. <i>Fungal Biology</i> , 2012, 116, 863-871.	2.5	10
41	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> , 2013, 78, M1392-8.	3.1	10
42	Characterization of the role of ybgC in lysozyme resistance of <i>Salmonella</i> Enteritidis. <i>Food Control</i> , 2020, 109, 106732.	5.5	10
43	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> , 2012, 04, .	0.2	10
44	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> , 2008, 5, 449-457.	1.8	9
45	Genomic characterization of an extensively drug-resistant chicken-borne <i>Salmonella</i> Indiana isolate carrying an IncHI2-IncHI2A plasmid. <i>Food Control</i> , 2021, 125, 107761.	5.5	9
46	Dissemination of IncFII plasmids carrying fos A3 and bla CTX-M $\beta$ 55 in clinical isolates of <i>Salmonella</i> enteritidis. <i>Zoonoses and Public Health</i> , 2021, 68, 760-768.	2.2	9
47	<i>Escherichia coli</i> 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> , 2015, 5, 51-68.	4.7	8
48	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> , 2020, 111, 107070.	5.5	8
49	Molecular Characterization of Cephalosporin-Resistant <i>Salmonella</i> Enteritidis ST11 Isolates Carrying bla <sub>CTX-M</sub> from Children with Diarrhea. <i>Foodborne Pathogens and Disease</i> , 2021, 18, 702-711.	1.8	8
50	Rapid identification of adulterated honey according to the targeted analysis of phenolic compounds using chemometrics. <i>European Food Research and Technology</i> , 2021, 247, 1975-1985.	3.3	8
51	Development of Lingzhi or Reishi Medicinal Mushroom, <i>Ganoderma lucidum</i> (Higher Basidiomycetes) Polysaccharides Injection Formulation. <i>International Journal of Medicinal Mushrooms</i> , 2014, 16, 411-419.	1.5	8
52	Discovery of MurA Inhibitors as Novel Antimicrobials through an Integrated Computational and Experimental Approach. <i>Antibiotics</i> , 2022, 11, 528.	3.7	8
53	Growth competition between lactic acid bacteria and <i>Listeria monocytogenes</i> during simultaneous fermentation and drying of meat sausages – A mathematical modeling. <i>Food Research International</i> , 2022, 158, 111553.	6.2	8
54	Role of yoaE Gene Regulated by CpxR in the Survival of <i>Salmonella enterica</i> Serovar Enteritidis in Antibacterial Egg White. <i>MSphere</i> , 2020, 5, .	2.9	7

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55	Natural flagella-templated Au nanowires as a novel adjuvant against <i>Listeria monocytogenes</i> . Nanoscale, 2020, 12, 5627-5635.	5.6	7
56	The structural characterization of the O-polysaccharide antigen of the lipopolysaccharide of Escherichia coli serotype O118 and its relation to the O-antigens of Escherichia coli O151 and Salmonella enterica O47. Carbohydrate Research, 2010, 345, 2664-2669.	2.3	6
57	Gene expression profiling of a nisin-sensitive Listeria monocytogenes Scott A ctsR deletion mutant. Journal of Industrial Microbiology and Biotechnology, 2013, 40, 495-505.	3.0	6
58	Development of Primer Sets for Loop-Mediated Isothermal Amplification that Enables Rapid and Specific Detection of Streptococcus dysgalactiae, Streptococcus uberis and Streptococcus agalactiae. International Journal of Environmental Research and Public Health, 2015, 12, 5735-5742.	2.6	6
59	Effect of environmental stresses on the survival and cytotoxicity of Shiga toxin-producing Escherichia coli. Food Quality and Safety, 2017, 1, 139-146.	1.8	6
60	Sporulation and Germination Gene Expression Analysis of <i>Bacillus anthracis</i> Sterne Spores in Skim Milk under Heat and Different Intervention Techniques. Journal of Food Science, 2009, 74, M120-4.	3.1	5
61	Whole-Genome Sequence of Staphylococcus aureus Strain LCT-SA112. Journal of Bacteriology, 2012, 194, 4124-4124.	2.2	5
62	Antimicrobial Activities of Olive Leaf Extract and Its Potential Use in Food Industry. ACS Symposium Series, 2018, , 119-132.	0.5	5
63	Growth characteristics of Shiga toxin-producing Escherichia coli (STEC) stressed by chlorine, sodium chloride, acid, and starvation on lettuce and cantaloupe. Food Control, 2015, 55, 97-102.	5.5	4
64	Sensitivity of pathogenic and attenuated <i>E. coli</i> O157:H7 strains to ultraviolet light as assessed by conventional plating methods and ethidium monoazide-PCR. Journal of Food Safety, 2017, 37, e12346.	2.3	4
65	Effect of combination of Oxyrase and sodium thioglycolate on growth of Clostridium perfringens from spores under aerobic incubation. Food Microbiology, 2020, 89, 103413.	4.2	4
66	A Targeted Sequencing Assay for Serotyping Escherichia coli Using AgriSeq Technology. Frontiers in Microbiology, 2020, 11, 627997.	3.5	4
67	Development and Evaluation of a Commercial Sequence-Based Strain Typing Service for Listeria monocytogenes. Journal of Microbial & Biochemical Technology, 2015, 07, .	0.2	4
68	Challenges of Microarray Applications for Microbial Detection and Gene Expression Profiling in Food. Journal of Microbial & Biochemical Technology, 2011, s2, .	0.2	4
69	Galacto-oligosaccharide hydrolysis by genetically-engineered alpha-galactosidase-producing Pseudomonas chlororaphis strains. Biocatalysis and Agricultural Biotechnology, 2018, 13, 213-218.	3.1	3
70	A multipathogen selective enrichment broth for simultaneous growth of Salmonella enteria , Escherichia coli O157:H7, and Shigella flexneri. Journal of Food Safety, 2018, 38, e12388.	2.3	3
71	Draft Whole-Genome Sequences of Seven Listeria monocytogenes Strains with Variations in Virulence and Stress Responses. Microbiology Resource Announcements, 2018, 7, .	0.6	3
72	Two homologous Salmonella serogroup C1-specific genes are required for flagellar motility and cell invasion. BMC Genomics, 2021, 22, 507.	2.8	3

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73	SSEL , a selective enrichment broth for simultaneous growth of Salmonella enterica , Staphylococcus aureus , Escherichia coli O157 : H7 , and Listeria monocytogenes. Journal of Food Safety, 2020, 40, e12837.	2.3	2
74	p<scp>H</scp> Fractionation and identification of proteins: Comparing column chromatofocusing versus liquid isoelectric focusing techniques. Journal of Separation Science, 2012, 35, 1399-1406.	2.5	1
75	<a href="http://www.omicsonline.org/open-access/overcoming-pseudomonas-aeruginosa-resistance-caused-by-glycocalyx-with-tobracef-1948-5844">http://www.omicsonline.org/open-access/overcoming-pseudomonas-aeruginosa-resistance-caused-by-glycocalyx-with-tobracef-1948-5844</a> Journal of Microbial & Biochemical Technology, 2014, 06, .	0.2	1
76	Nonlabeled Quantitative Proteomic Comparison Identifies Differences in Acid Resistance Between Escherichia coli O157:H7 Curli Production Variants. Foodborne Pathogens and Disease, 2014, 11, 30-37.	1.8	1
77	Draft Genome Sequences of Seven Strains of Shiga Toxin-Producing Escherichia coli O111 with Variation in Their Sensitivity to Novobiocin. Microbiology Resource Announcements, 2018, 7, .	0.6	1
78	Development of a real-time LAMP assay for monofloral honey authentication using rape honey. CYTA - Journal of Food, 2020, 18, 309-314.	1.9	1
79	Complete Genome Sequence of Escherichia coli Strain FEX669, a ColV Plasmid-Containing Isolate from Retail Chicken Meat. Microbiology Resource Announcements, 2021, 10, .	0.6	1
80	Genes that are Affected in High Hydrostatic Pressure Treatments in a Listeria Monocytogenes Scott A ctsR Deletion Mutant. Journal of Microbial & Biochemical Technology, 0, s2, .	0.2	1
81	IDENTIFICATION OF GENOMIC SIGNATURES FOR THE DESIGN OF ASSAYS FOR THE DETECTION AND MONITORING OF ANTHRAX THREATS. , 2004, , .		1
82	Logistic modeling to predict the minimum inhibitory concentration (MIC) of olive leaf extract (OLE) against Listeria monocytogenes. PLoS ONE, 2022, 17, e0263359.	2.5	1
83	Involvement of a putative ATP-Binding Cassette (ABC) Involved in manganese transport in virulence of Listeria monocytogenes. PLoS ONE, 2022, 17, e0268924.	2.5	1
84	Nucleic Acid-Based Diagnostic Methods. ACS Symposium Series, 2006, , 28-40.	0.5	0
85	Draft Genomic Sequences of Three Escherichia coli Sequence Type 131 Isolates (H45, H43ii, and H43iii) from Patients in Lagos, Nigeria. Microbiology Resource Announcements, 2020, 9, .	0.6	0
86	Listeria environmental sampling tests are compatible with polymorphic locus sequence typing. Journal of Food Science, 2021, 86, 3188-3194.	3.1	0
87	Evaluation of a Loop-Mediated Isothermal Amplification (LAMP) Method for the Detection of Salmonella spp. in Terms of Sensitivity and Applicability. Journal of Food Nutrition and Metabolism, 2020, , 1-5.	0.2	0
88	Resistance-Nodulation-Cell Division (RND) Transporter AcrD Confers Resistance to Egg White in Salmonella enterica Serovar Enteritidis. Foods, 2022, 11, 90.	4.3	0
89	Transcriptomics of Listeria monocytogenes Treated With Olive Leaf Extract. Frontiers in Microbiology, 2021, 12, 782116.	3.5	0