

Yanhong Liu

List of Publications by Year in descending order

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89
papers

1,747
citations

361045

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38
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93
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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 Toxin-producing <i>Escherichia coli</i> Serogroups O26, O45, O103, O111, O121, and O145 in Ground Beef. <i>Foodborne Pathogens and Disease</i> , 2011, 8, 601-607. | 0.8 | 139 |
| 2 | Advances in Molecular Serotyping and Subtyping of <i>Escherichia coli</i> . <i>Frontiers in Microbiology</i> , 2016, 7, 644. | 1.5 | 103 |
| 3 | 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> , 2016, 11, e0147434. | 1.1 | 95 |
| 4 | A gene expression signature for oxidant stress/reactive metabolites in rat liver. <i>Biochemical Pharmacology</i> , 2004, 68, 2249-2261. | 2.0 | 90 |
| 5 | Assessment of the Antimicrobial Activity of Olive Leaf Extract Against Foodborne Bacterial Pathogens. <i>Frontiers in Microbiology</i> , 2017, 8, 113. | 1.5 | 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. <i>Applied and Environmental Microbiology</i> , 2008, 74, 4954-4961. | 1.4 | 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). <i>Journal of Virological Methods</i> , 2020, 276, 113775. | 1.0 | 67 |
| 8 | Prevalence and antimicrobial susceptibility of <i>Vibrio parahaemolyticus</i> isolated from retail shellfish in Shanghai. <i>Food Control</i> , 2016, 60, 263-268. | 2.8 | 60 |
| 9 | 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> , 2005, 71, 4919-4924. | 1.4 | 57 |
| 10 | Molecular Cloning and Characterization of a Tobacco MAP Kinase Kinase That Interacts with SIPK. <i>Molecular Plant-Microbe Interactions</i> , 2000, 13, 118-124. | 1.4 | 56 |
| 11 | Gene Expression Profiling of <i>Listeria monocytogenes</i> Strain F2365 during Growth in Ultrahigh-Temperature-Processed Skim Milk. <i>Applied and Environmental Microbiology</i> , 2008, 74, 6859-6866. | 1.4 | 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. <i>Foodborne Pathogens and Disease</i> , 2009, 6, 605-611. | 0.8 | 54 |
| 13 | Growth kinetics of <i>Listeria monocytogenes</i> and spoilage microorganisms in fresh-cut cantaloupe. <i>Food Microbiology</i> , 2013, 34, 174-181. | 2.1 | 54 |
| 14 | How does <i>Listeria monocytogenes</i> combat acid conditions?. <i>Canadian Journal of Microbiology</i> , 2013, 59, 141-152. | 0.8 | 50 |
| 15 | 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> , 2012, 75, 1611-1618. | 0.8 | 42 |
| 16 | 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> , 2012, 7, e48467. | 1.1 | 36 |
| 17 | <i>Escherichia coli</i> O antigen typing using DNA microarrays. <i>Molecular and Cellular Probes</i> , 2006, 20, 239-244. | 0.9 | 32 |
| 18 | Antimicrobial activity and inactivation mechanism of lactonic and free acid sophorolipids against <i>Escherichia coli</i> O157:H7. <i>Biocatalysis and Agricultural Biotechnology</i> , 2017, 11, 176-182. | 1.5 | 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. | 0.8 | 25 |
| 20 | The Inhibitory Effect of Plant Extracts on Growth of the Foodborne Pathogen, <i>Listeria monocytogenes</i> . Antibiotics, 2020, 9, 319. | 1.5 | 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. | 1.6 | 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. | 1.7 | 21 |
| 23 | Comparative transcriptome RNA-Seq analysis of <i>Listeria monocytogenes</i> with sodium lactate adaptation. Food Control, 2018, 91, 193-201. | 2.8 | 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. | 1.9 | 19 |
| 25 | Cloning, characterization, and heterologous expression of a novel glucosyltransferase gene from sphorolipid-producing <i>Candida bombicola</i> . Gene, 2014, 540, 46-53. | 1.0 | 18 |
| 26 | A Ds 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. | 3.3 | 17 |
| 27 | Transcriptional Sequencing Uncovers Survival Mechanisms of <i>Salmonella enterica</i> Serovar Enteritidis in Antibacterial Egg White. MSphere, 2019, 4, . | 1.3 | 17 |
| 28 | Ladder-shape melting temperature isothermal amplification of nucleic acids. BioTechniques, 2021, 71, 358-369. | 0.8 | 17 |
| 29 | Anti-listerial activity of thermophilin 110 and pediocin in fermented milk and whey. Food Control, 2021, 125, 107941. | 2.8 | 17 |
| 30 | Gene expression profiling of a pressure-tolerant <i>Listeria monocytogenes</i> Scott A ctsR deletion mutant. Journal of Industrial Microbiology and Biotechnology, 2011, 38, 1523-1533. | 1.4 | 16 |
| 31 | A systems biology approach to investigate the antimicrobial activity of oleuropein. Journal of Industrial Microbiology and Biotechnology, 2016, 43, 1705-1717. | 1.4 | 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. | 1.5 | 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. | 0.9 | 15 |
| 34 | Co-existence of mphA, oqxAB and blaCTX-M-65 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. | 2.8 | 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. | 1.3 | 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. | 1.5 | 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. | 1.7 | 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. | 3.9 | 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. | 0.9 | 11 |
| 40 | Purification, characterization and decolorization of bilirubin oxidase from <i>Myrothecium verrucaria</i> 3.2190. <i>Fungal Biology</i> , 2012, 116, 863-871. | 1.1 | 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. | 1.5 | 10 |
| 42 | Characterization of the role of <i>ybgC</i> in lysozyme resistance of <i>Salmonella</i> Enteritidis. <i>Food Control</i> , 2020, 109, 106732. | 2.8 | 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 & 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. | 0.8 | 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. | 2.8 | 9 |
| 46 | Dissemination of IncFII plasmids carrying <i>fos</i> A3 and <i>bla</i> CTX-M ₅₅ in clinical isolates of <i>Salmonella</i> enteritidis. <i>Zoonoses and Public Health</i> , 2021, 68, 760-768. | 0.9 | 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. | 2.3 | 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. | 2.8 | 8 |
| 49 | Molecular Characterization of Cephalosporin-Resistant <i>Salmonella</i> Enteritidis ST11 Isolates Carrying <i>bla</i> _{CTX-M} from Children with Diarrhea. <i>Foodborne Pathogens and Disease</i> , 2021, 18, 702-711. | 0.8 | 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. | 1.6 | 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. | 0.9 | 8 |
| 52 | Discovery of MurA Inhibitors as Novel Antimicrobials through an Integrated Computational and Experimental Approach. <i>Antibiotics</i> , 2022, 11, 528. | 1.5 | 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. | 2.9 | 8 |
| 54 | Role of <i>yoaE</i> Gene Regulated by CpxR in the Survival of <i>Salmonella enterica</i> Serovar Enteritidis in Antibacterial Egg White. <i>MSphere</i> , 2020, 5, . | 1.3 | 7 |

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|----|--|-----|-----------|
| 55 | Natural flagella-templated Au nanowires as a novel adjuvant against <i>Listeria monocytogenes</i> . <i>Nanoscale</i> , 2020, 12, 5627-5635. | 2.8 | 7 |
| 56 | The structural characterization of the O-polysaccharide antigen of the lipopolysaccharide of <i>Escherichia coli</i> serotype O118 and its relation to the O-antigens of <i>Escherichia coli</i> O151 and <i>Salmonella enterica</i> O47. <i>Carbohydrate Research</i> , 2010, 345, 2664-2669. | 1.1 | 6 |
| 57 | Gene expression profiling of a nisin-sensitive <i>Listeria monocytogenes</i> Scott A <i>ctsR</i> deletion mutant. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2013, 40, 495-505. | 1.4 | 6 |
| 58 | 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> , 2015, 12, 5735-5742. | 1.2 | 6 |
| 59 | Effect of environmental stresses on the survival and cytotoxicity of Shiga toxin-producing <i>Escherichia coli</i> . <i>Food Quality and Safety</i> , 2017, 1, 139-146. | 0.6 | 6 |
| 60 | 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> , 2009, 74, M120-4. | 1.5 | 5 |
| 61 | Whole-Genome Sequence of <i>Staphylococcus aureus</i> Strain LCT-SA112. <i>Journal of Bacteriology</i> , 2012, 194, 4124-4124. | 1.0 | 5 |
| 62 | Antimicrobial Activities of Olive Leaf Extract and Its Potential Use in Food Industry. <i>ACS Symposium Series</i> , 2018, , 119-132. | 0.5 | 5 |
| 63 | 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> , 2015, 55, 97-102. | 2.8 | 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. <i>Journal of Food Safety</i> , 2017, 37, e12346. | 1.1 | 4 |
| 65 | Effect of combination of Oxyrase and sodium thioglycolate on growth of <i>Clostridium perfringens</i> from spores under aerobic incubation. <i>Food Microbiology</i> , 2020, 89, 103413. | 2.1 | 4 |
| 66 | A Targeted Sequencing Assay for Serotyping <i>Escherichia coli</i> Using AgriSeq Technology. <i>Frontiers in Microbiology</i> , 2020, 11, 627997. | 1.5 | 4 |
| 67 | Development and Evaluation of a Commercial Sequence-Based Strain Typing Service for <i>Listeria monocytogenes</i> . <i>Journal of Microbial & Biochemical Technology</i> , 2015, 07, . | 0.2 | 4 |
| 68 | Challenges of Microarray Applications for Microbial Detection and Gene Expression Profiling in Food. <i>Journal of Microbial & Biochemical Technology</i> , 2011, s2, . | 0.2 | 4 |
| 69 | Galacto-oligosaccharide hydrolysis by genetically-engineered alpha-galactosidase-producing <i>Pseudomonas chlororaphis</i> strains. <i>Biocatalysis and Agricultural Biotechnology</i> , 2018, 13, 213-218. | 1.5 | 3 |
| 70 | 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> , 2018, 38, e12388. | 1.1 | 3 |
| 71 | Draft Whole-Genome Sequences of Seven <i>Listeria monocytogenes</i> Strains with Variations in Virulence and Stress Responses. <i>Microbiology Resource Announcements</i> , 2018, 7, . | 0.3 | 3 |
| 72 | Two homologous <i>Salmonella</i> serogroup C1-specific genes are required for flagellar motility and cell invasion. <i>BMC Genomics</i> , 2021, 22, 507. | 1.2 | 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. | 1.1 | 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. | 1.3 | 1 |
| 75 | http://www.omicsonline.org/open-access/overcoming-pseudomonas-aeruginosa-resistance-caused-by-glycocalyx-with-tobrcef-1948-5144 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. | 0.8 | 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, . | 0.3 | 1 |
| 78 | Development of a real-time LAMP assay for monofloral honey authentication using rape honey. CYTA - Journal of Food, 2020, 18, 309-314. | 0.9 | 1 |
| 79 | Complete Genome Sequence of Escherichia coli Strain FEX669, a ColV Plasmid-Containing Isolate from Retail Chicken Meat. Microbiology Resource Announcements, 2021, 10, . | 0.3 | 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. | 1.1 | 1 |
| 83 | Involvement of a putative ATP-Binding Cassette (ABC) Involved in manganese transport in virulence of Listeria monocytogenes. PLoS ONE, 2022, 17, e0268924. | 1.1 | 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, . | 0.3 | 0 |
| 86 | Listeria environmental sampling tests are compatible with polymorphic locus sequence typing. Journal of Food Science, 2021, 86, 3188-3194. | 1.5 | 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. | 1.9 | 0 |
| 89 | Transcriptomics of Listeria monocytogenes Treated With Olive Leaf Extract. Frontiers in Microbiology, 2021, 12, 782116. | 1.5 | 0 |