

# Qing Liu

## List of Publications by Year in descending order

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Version: 2024-02-01

55  
papers

996  
citations

516710

16  
h-index

477307

29  
g-index

59  
all docs

59  
docs citations

59  
times ranked

1189  
citing authors

#	ARTICLE	IF	CITATIONS
1	Pathogen detection strategy based on CRISPR. <i>Microchemical Journal</i> , 2022, 174, 107036.	4.5	12
2	Bacterial coloration immunofluorescence strip for ultrasensitive rapid detection of bacterial antibodies and targeted antibody-secreting hybridomas. <i>Journal of Immunological Methods</i> , 2022, 501, 113208.	1.4	3
3	Construction and immunological evaluation of live vector vaccine based on attenuated <i>Listeria monocytogenes</i> vector against <i>Vibrio parahaemolyticus</i> infection. <i>Aquaculture</i> , 2022, 560, 738560.	3.5	2
4	Rapid detection of <i>Escherichia coli</i> O157:H7 in milk, bread, and jelly by lac dye coloration-based bidirectional lateral flow immunoassay strip. <i>Journal of Food Safety</i> , 2021, 41, .	2.3	12
5	A rapid detection of <i>Escherichia coli</i> O157 : H7 by competition visual antigen macroarray. <i>Journal of Food Safety</i> , 2021, 41, .	2.3	6
6	Development overview of Raman-activated cell sorting devoted to bacterial detection at single-cell level. <i>Applied Microbiology and Biotechnology</i> , 2021, 105, 1315-1331.	3.6	19
7	Raman spectroscopy combined with machine learning for rapid detection of food-borne pathogens at the single-cell level. <i>Talanta</i> , 2021, 226, 122195.	5.5	64
8	Identification and evaluation of a panel of strong constitutive promoters in <i>Listeria monocytogenes</i> for improving the expression of foreign antigens. <i>Applied Microbiology and Biotechnology</i> , 2021, 105, 5135-5145.	3.6	1
9	Development and comparison of immunochromatographic strips with four nanomaterial labels: Colloidal gold, new colloidal gold, multi-branched gold nanoflowers and Luminol-reduced Au nanoparticles for visual detection of <i>Vibrio parahaemolyticus</i> in seafood. <i>Aquaculture</i> , 2021, 539, 736563.	3.5	14
10	A novel antigen immunochromatography fluorometric strip for rapid detection and application of pathogenic bacterial high-quality antibody. <i>Journal of Immunological Methods</i> , 2021, 494, 113014.	1.4	2
11	Systematic identification of a panel of strong promoter regions from <i>Listeria monocytogenes</i> for fine-tuning gene expression. <i>Microbial Cell Factories</i> , 2021, 20, 132.	4.0	1
12	Reverse vaccinology approach for the identifications of potential vaccine candidates against <i>Salmonella</i> . <i>International Journal of Medical Microbiology</i> , 2021, 311, 151508.	3.6	18
13	Impact of biocontrol microbes on soil microbial diversity in ginger ( <i>Zingiber</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 262 Td	3.4	14
14	Colloidal gold immunochromatographic test strips for broad-spectrum detection of <i>Salmonella</i> . <i>Food Control</i> , 2021, 126, 108052.	5.5	32
15	Evaluation of an attenuated <i>Listeria monocytogenes</i> as a vaccine vector to control <i>Helicobacter pylori</i> infection. <i>Immunology Letters</i> , 2021, 238, 68-74.	2.5	7
16	An ultrasensitive and contamination-free on-site nucleic acid detection platform for <i>Listeria monocytogenes</i> based on the CRISPR-Cas12a system combined with recombinase polymerase amplification. <i>LWT - Food Science and Technology</i> , 2021, 152, 112166.	5.2	22
17	An Aggregation-Induced Emission Material Labeling Antigen-Based Lateral Flow Immunoassay Strip for Rapid Detection of <i>Escherichia coli</i> O157:H7. <i>SLAS Technology</i> , 2021, 26, 377-383.	1.9	9
18	A Novel Design of Multi-epitope Vaccine Against <i>Helicobacter pylori</i> by Immunoinformatics Approach. <i>International Journal of Peptide Research and Therapeutics</i> , 2021, 27, 1027-1042.	1.9	8

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19	Antibiotic Resistance Patterns of <i>Staphylococcus aureus</i> Isolates from Retail Foods in Mainland China: A Meta-Analysis. <i>Foodborne Pathogens and Disease</i> , 2020, 17, 296-307.	1.8	14
20	Hydrangea-like mesoporous WO <sub>3</sub> nanoflowers with crystalline framework for 3-hydroxy-2-butanone sensing. <i>Analytical and Bioanalytical Chemistry</i> , 2020, 412, 8371-8378.	3.7	12
21	A review: Progress in the development of fish <i>Vibrio</i> spp. vaccines. <i>Immunology Letters</i> , 2020, 226, 46-54.	2.5	36
22	orf6 and orf10 in Prophage phiv142-3 Enhance the Iron-Acquisition Ability and Resistance of Avian Pathogenic <i>Escherichia coli</i> Strain DE142 to Serum. <i>Frontiers in Veterinary Science</i> , 2020, 7, 588708.	2.2	5
23	A colorimetric immunoassay for determination of <i>Escherichia coli</i> O157:H7 based on oxidase-like activity of cobalt-based zeolitic imidazolate framework. <i>Mikrochimica Acta</i> , 2020, 187, 506.	5.0	8
24	SERS-based lateral flow assay combined with machine learning for highly sensitive quantitative analysis of <i>Escherichia coli</i> O157:H7. <i>Analytical and Bioanalytical Chemistry</i> , 2020, 412, 7881-7890.	3.7	30
25	Immunological evaluation of virulence-deficient <i>Listeria monocytogenes</i> strains in C57BL/6 mice. <i>Microbial Pathogenesis</i> , 2020, 148, 104448.	2.9	1
26	Cable-like Core-shell Mesoporous SnO <sub>2</sub> Nanofibers by Single-needle Electrospinning Phase Separation for Formaldehyde Sensing. <i>Chemistry - A European Journal</i> , 2020, 26, 9365-9370.	3.3	6
27	Attenuated <i>Listeria monocytogenes</i> as a Vaccine Vector for the Delivery of OMPW, the Outer Membrane Protein of <i>Aeromonas hydrophila</i> . <i>Frontiers in Microbiology</i> , 2020, 11, 70.	3.5	9
28	Peanut-like mesoporous tungsten oxides via a synergistic templating strategy for efficient isoprene detection. <i>Journal of Materials Science</i> , 2020, 55, 7645-7651.	3.7	3
29	Probabilistic model for estimating <i>Listeria monocytogenes</i> concentration in cooked meat products from presence/absence data. <i>Food Research International</i> , 2020, 131, 109040.	6.2	2
30	Modeling the interactions among <i>Salmonella enteritidis</i> , <i>Pseudomonas aeruginosa</i> , and <i>Lactobacillus plantarum</i> . <i>Journal of Food Safety</i> , 2020, 40, e12811.	2.3	4
31	Attenuated <i>Listeria monocytogenes</i> protecting zebrafish ( <i>Danio rerio</i> ) against <i>Vibrio</i> species challenge. <i>Microbial Pathogenesis</i> , 2019, 132, 38-44.	2.9	14
32	Modeling the Effects of the Preculture Temperature on the Lag Phase of <i>Listeria monocytogenes</i> at 25°C. <i>Journal of Food Protection</i> , 2019, 82, 2100-2107.	1.7	4
33	Quantitative risk assessment of <i>Listeria monocytogenes</i> in bulk cooked meat from production to consumption in China: a Bayesian approach. <i>Journal of the Science of Food and Agriculture</i> , 2019, 99, 2931-2938.	3.5	4
34	Reactive oxygen species inhibit biofilm formation of <i>Listeria monocytogenes</i> . <i>Microbial Pathogenesis</i> , 2019, 127, 183-189.	2.9	13
35	Development of a Bacterial Macroarray for the Rapid Screening of Targeted Antibody-Secreted Hybridomas. <i>SLAS Discovery</i> , 2019, 24, 190-198.	2.7	1
36	Development of colloidal gold-based immunochromatographic strip test using two monoclonal antibodies for detection of <i>Vibrio parahaemolyticus</i> . <i>Journal of Food Safety</i> , 2018, 38, e12468.	2.3	6

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37	Evaluation of Caco-2 cells response to <i>Listeria monocytogenes</i> virulence factors by RT-PCR. <i>Microbial Pathogenesis</i> , 2018, 120, 79-84.	2.9	19
38	Live bacterial vaccine vector and delivery strategies of heterologous antigen: A review. <i>Immunology Letters</i> , 2018, 197, 70-77.	2.5	47
39	Enhancing the immunofluorescent sensitivity for detection of <i>Acidovorax citrulli</i> using fluorescein isothiocyanate labeled antigen and antibody. <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 71-77.	3.7	16
40	Fluorescein Isothiocyanate Labeling Antigen-Based Immunoassay Strip for Rapid Detection of <i>Acidovorax citrulli</i> . <i>Plant Disease</i> , 2018, 102, 527-532.	1.4	10
41	Comparison between gold nanoparticles and FITC as the labelling in lateral flow immunoassays for rapid detection of <i>Ralstonia solanacearum</i> . <i>Food and Agricultural Immunology</i> , 2018, 29, 1074-1085.	1.4	6
42	Reactive oxygen species inhibits <i>Listeria monocytogenes</i> invasion into HepG2 epithelial cells. <i>Food Science and Nutrition</i> , 2018, 6, 1501-1507.	3.4	3
43	Ultrathin ZIF-67 nanosheets as a colorimetric biosensing platform for peroxidase-like catalysis. <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 7145-7152.	3.7	49
44	Gut Microbiota and Relevant Metabolites Analysis in Alcohol Dependent Mice. <i>Frontiers in Microbiology</i> , 2018, 9, 1874.	3.5	46
45	Exploration of the bacterial invasion capacity of <i>Listeria monocytogenes</i> in ZF4 cells. <i>Microbial Pathogenesis</i> , 2018, 124, 238-243.	2.9	5
46	A potential aquaculture vaccine vector: Evaluation of a double-gene attenuated <i>Listeria monocytogenes</i> in zebrafish ( <i>Danio rerio</i> ). <i>Aquaculture</i> , 2017, 479, 311-320.	3.5	16
47	Modeling Growth of <i>Pseudomonas Aeruginosa</i> Single Cells with Temperature Shifts. <i>Journal of Food Safety</i> , 2016, 36, 442-449.	2.3	4
48	Self-paired monoclonal antibody lateral flow immunoassay strip for rapid detection of <i>Acidovorax avenae</i> subsp. <i>citrulli</i> . <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 6071-6078.	3.7	25
49	Simple sensitive rapid detection of <i>Escherichia coli</i> O157:H7 in food samples by label-free immunofluorescence strip sensor. <i>Talanta</i> , 2016, 156-157, 42-47.	5.5	44
50	Dual FITC lateral flow immunoassay for sensitive detection of <i>Escherichia coli</i> O157:H7 in food samples. <i>Biosensors and Bioelectronics</i> , 2016, 85, 734-739.	10.1	79
51	Development of a lateral flow colloidal gold immunoassay strip for the simultaneous detection of <i>Shigella boydii</i> and <i>Escherichia coli</i> O157:H7 in bread, milk and jelly samples. <i>Food Control</i> , 2016, 59, 345-351.	5.5	97
52	A new spot quality control for protein macroarray based on immunological detection. <i>Talanta</i> , 2015, 138, 176-182.	5.5	4
53	Simultaneous quantification of <i>Escherichia coli</i> O157:H7 and <i>Shigella boydii</i> using a visual-antibody-macroarray. <i>Analyst</i> , 2015, 140, 6595-6601.	3.5	3
54	Research progress of natural antioxidants in foods for the treatment of diseases. <i>Food Science and Human Wellness</i> , 2014, 3, 110-116.	4.9	100

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55	A simple, rapid and visual antibody array for the simultaneous detection of multiple plant pathogens. Analytical Methods, 2013, 5, 2413.	2.7	3