Qing Liu

List of Publications by Year
in descending order

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	Research progress of natural antioxidants in foods for the treatment of diseases. Food Science and Human Wellness, 2014, 3, 110-116.	4.9	100
2	Development of a lateral flow colloidal gold immunoassay strip for the simultaneous detection of Shigella boydii and Escherichia coli O157:H7 in bread, milk and jelly samples. Food Control, 2016, 59, 345-351.	5.5	97
3	Dual FITC lateral flow immunoassay for sensitive detection of Escherichia coli O157:H7 in food samples. Biosensors and Bioelectronics, 2016, 85, 734-739.	10.1	79
4	Raman spectroscopy combined with machine learning for rapid detection of food-borne pathogens at the single-cell level. Talanta, 2021, 226, 122195.	5.5	64
5	Ultrathin ZIF-67 nanosheets as a colorimetric biosensing platform for peroxidase-like catalysis. Analytical and Bioanalytical Chemistry, 2018, 410, 7145-7152.	3.7	49
6	Live bacterial vaccine vector and delivery strategies of heterologous antigen: A review. Immunology Letters, 2018, 197, 70-77.	2.5	47
7	Gut Microbiota and Relevant Metabolites Analysis in Alcohol Dependent Mice. Frontiers in Microbiology, 2018, 9, 1874.	3.5	46
8	Simple sensitive rapid detection of Escherichia coli O157:H7 in food samples by label-free immunofluorescence strip sensor. Talanta, 2016, 156-157, 42-47.	5.5	44
9	A review: Progress in the development of fish Vibrio spp. vaccines. Immunology Letters, 2020, 226, 46-54.	2.5	36
10	Colloidal gold immunochromatographic test strips for broad-spectrum detection of Salmonella. Food Control, 2021, 126, 108052.	5.5	32
11	SERS-based lateral flow assay combined with machine learning for highly sensitive quantitative analysis of Escherichia coli O157:H7. Analytical and Bioanalytical Chemistry, 2020, 412, 7881-7890.	3.7	30
12	Self-paired monoclonal antibody lateral flow immunoassay strip for rapid detection of Acidovorax avenae subsp. citrulli. Analytical and Bioanalytical Chemistry, 2016, 408, 6071-6078.	3.7	25
13	An ultrasensitive and contamination-free on-site nucleic acid detection platform for Listeria monocytogenes based on the CRISPR-Cas12a system combined with recombinase polymerase amplification. LWT - Food Science and Technology, 2021, 152, 112166.	5.2	22
14	Evaluation of Caco-2â€¯cells response to Listeria monocytogenes virulence factors by RT-PCR. Microbial Pathogenesis, 2018, 120, 79-84.	2.9	19
15	Development overview of Raman-activated cell sorting devoted to bacterial detection at single-cell level. Applied Microbiology and Biotechnology, 2021, 105, 1315-1331.	3.6	19
16	Reverse vaccinology approach for the identifications of potential vaccine candidates against Salmonella. International Journal of Medical Microbiology, 2021, 311, 151508.	3.6	18
17	A potential aquaculture vaccine vector: Evaluation of a double-gene attenuated Listeria monocytogenes in zebrafish (Danio rerio). Aquaculture, 2017, 479, 311-320.	3.5	16
18	Enhancing the immunofluorescent sensitivity for detection of Acidovorax citrulli using fluorescein isothiocyanate labeled antigen and antibody. Analytical and Bioanalytical Chemistry, 2018, 410, 71-77.	3.7	16

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19	Attenuated Listeria monocytogenes protecting zebrafish (Danio rerio) against Vibrio species challenge. Microbial Pathogenesis, 2019, 132, 38-44.	2.9	14
20	Antibiotic Resistance Patterns of Staphylococcus aureus Isolates from Retail Foods in Mainland China: A Meta-Analysis. Foodborne Pathogens and Disease, 2020, 17, 296-307.	1.8	14
21	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 Vibrio parahaemolyticus in seafood. Aquaculture, 2021, 539, 736563.	3.5	14
22	Impact of biocontrol microbes on soil microbial diversity in ginger (Zingiber) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 622 Td (officinale<	3.4	14
23	Reactive oxygen species inhibit biofilm formation of Listeria monocytogenes. Microbial Pathogenesis, 2019, 127, 183-189.	2.9	13
24	Hydrangea-like mesoporous WO3 nanoflowers with crystalline framework for 3-hydroxy-2-butanone sensing. Analytical and Bioanalytical Chemistry, 2020, 412, 8371-8378.	3.7	12
25	Rapid detection of <scp>Escherichia coli O157</scp>:<scp>H7</scp> in milk, bread, and jelly by lac dye <scp>colorationâ€based</scp> bidirectional lateral flow immunoassay strip. Journal of Food Safety, 2021, 41, .	2.3	12
26	Pathogen detection strategy based on CRISPR. Microchemical Journal, 2022, 174, 107036.	4.5	12
27	Fluorescein Isothiocyanate Labeling Antigen-Based Immunoassay Strip for Rapid Detection of Acidovorax citrulli. Plant Disease, 2018, 102, 527-532.	1.4	10
28	Attenuated Listeria monocytogenes as a Vaccine Vector for the Delivery of OMPW, the Outer Membrane Protein of Aeromonas hydrophila. Frontiers in Microbiology, 2020, 11, 70.	3.5	9
29	An Aggregation-Induced Emission Material Labeling Antigen-Based Lateral Flow Immunoassay Strip for Rapid Detection of Escherichia coli O157:H7. SLAS Technology, 2021, 26, 377-383.	1.9	9
30	A colorimetric immunoassay for determination of Escherichia coli O157:H7 based on oxidase-like activity of cobalt-based zeolitic imidazolate framework. Mikrochimica Acta, 2020, 187, 506.	5.0	8
31	A Novel Design of Multi-epitope Vaccine Against Helicobacter pylori by Immunoinformatics Approach. International Journal of Peptide Research and Therapeutics, 2021, 27, 1027-1042.	1.9	8
32	Evaluation of an attenuated Listeria monocytogenes as a vaccine vector to control Helicobacter pylori infection. Immunology Letters, 2021, 238, 68-74.	2.5	7
33	Development of colloidal goldâ€based immunochromatographic strip test using two monoclonal antibodies for detection of Vibrio parahaemolyticus. Journal of Food Safety, 2018, 38, e12468.	2.3	6
34	Comparison between gold nanoparticles and FITC as the labelling in lateral flow immunoassays for rapid detection of Ralstonia solanacearum. Food and Agricultural Immunology, 2018, 29, 1074-1085.	1.4	6
35	Cableâ€Like Coreâ€“Shell Mesoporous SnO₂ Nanofibers by Singleâ€Nozzle Electrospinning Phase Separation for Formaldehyde Sensing. Chemistry - A European Journal, 2020, 26, 9365-9370.	3.3	6
36	A rapid detection of Escherichia coli O157 : H7 by competition visual antigen macroarray. Journal of Food Safety, 2021, 41, .	2.3	6

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37	Exploration of the bacterial invasion capacity of Listeria monocytogenes in ZF4 cells. Microbial Pathogenesis, 2018, 124, 238-243.	2.9	5
38	orf6 and orf10 in Prophage phiv142-3 Enhance the Iron-Acquisition Ability and Resistance of Avian Pathogenic Escherichia coli Strain DE142 to Serum. Frontiers in Veterinary Science, 2020, 7, 588708.	2.2	5
39	A new spot quality control for protein macroarray based on immunological detection. Talanta, 2015, 138, 176-182.	5.5	4
40	Modeling Growth of Pseudomonas Aeruginosa Single Cells with Temperature Shifts. Journal of Food Safety, 2016, 36, 442-449.	2.3	4
41	Modeling the Effects of the Preculture Temperature on the Lag Phase of Listeria monocytogenes at 25Â°C. Journal of Food Protection, 2019, 82, 2100-2107.	1.7	4
42	Quantitative risk assessment of Listeria monocytogenes in bulk cooked meat from production to consumption in China: a Bayesian approach. Journal of the Science of Food and Agriculture, 2019, 99, 2931-2938.	3.5	4
43	Modeling the interactions among Salmonella enteritidis, Pseudomonas aeruginosa, and Lactobacillus plantarum. Journal of Food Safety, 2020, 40, e12811.	2.3	4
44	A simple, rapid and visual antibody array for the simultaneous detection of multiple plant pathogens. Analytical Methods, 2013, 5, 2413.	2.7	3
45	Simultaneous quantification of Escherichia coli O157:H7 and Shigella boydii using a visual-antibody-macroarray. Analyst, The, 2015, 140, 6595-6601.	3.5	3
46	Reactive oxygen species inhibits Listeria monocytogenes invasion into HepG2 epithelial cells. Food Science and Nutrition, 2018, 6, 1501-1507.	3.4	3
47	Peanut-like mesoporous tungsten oxides via a synergistic templating strategy for efficient isoprene detection. Journal of Materials Science, 2020, 55, 7645-7651.	3.7	3
48	Bacterial coloration immunofluorescence strip for ultrasensitive rapid detection of bacterial antibodies and targeted antibody-secreting hybridomas. Journal of Immunological Methods, 2022, 501, 113208.	1.4	3
49	Probabilistic model for estimating Listeria monocytogenes concentration in cooked meat products from presence/absence data. Food Research International, 2020, 131, 109040.	6.2	2
50	A novel antigen immunochromatography fluorometric strip for rapid detection and application of pathogenic bacterial high-quality antibody. Journal of Immunological Methods, 2021, 494, 113014.	1.4	2
51	Construction and immunological evaluation of live vector vaccine based on attenuated Listeria monocytogenes vector against Vibrio parahaemolyticus infection. Aquaculture, 2022, 560, 738560.	3.5	2
52	Development of a Bacterial Macroarray for the Rapid Screening of Targeted Antibody-Secreted Hybridomas. SLAS Discovery, 2019, 24, 190-198.	2.7	1
53	Immunological evaluation of virulence-deficient Listeria monocytogenes strains in C57BL/6 mice. Microbial Pathogenesis, 2020, 148, 104448.	2.9	1
54	Identification and evaluation of a panel of strong constitutive promoters in Listeria monocytogenes for improving the expression of foreign antigens. Applied Microbiology and Biotechnology, 2021, 105, 5135-5145.	3.6	1

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55	Systematic identification of a panel of strong promoter regions from Listeria monocytogenes for fine-tuning gene expression. Microbial Cell Factories, 2021, 20, 132.	4.0	1