

Bing Wang

List of Publications by Year in descending order

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32
papers

517
citations

687363

13
h-index

713466

21
g-index

32
all docs

32
docs citations

32
times ranked

703
citing authors

#	ARTICLE	IF	CITATIONS
1	A systematic review and meta-analysis of the efficacy of processing stages and interventions for controlling <i>Campylobacter</i> contamination during broiler chicken processing. <i>Comprehensive Reviews in Food Science and Food Safety</i> , 2022, 21, 227-271.	11.7	13
2	Pyolysin of <i>Trueperella pyogenes</i> Induces Pyroptosis and IL-1 β Release in Murine Macrophages Through Potassium/NLRP3/Caspase-1/Gasdermin D Pathway. <i>Frontiers in Immunology</i> , 2022, 13, 832458.	4.8	7
3	A Farm-to-Fork Quantitative Microbial Exposure Assessment of β -Lactam-Resistant <i>Escherichia coli</i> among U.S. Beef Consumers. <i>Microorganisms</i> , 2022, 10, 661.	3.6	3
4	A Metagenomic Approach for Characterizing Antibiotic Resistance Genes in Specific Bacterial Populations: Demonstration with <i>Escherichia coli</i> in Cattle Manure. <i>Applied and Environmental Microbiology</i> , 2022, 88, e0255421.	3.1	3
5	Quantitative modeling of the survival of <i>Listeria monocytogenes</i> in soy sauce-based acidified food products. <i>International Journal of Food Microbiology</i> , 2022, 370, 109635.	4.7	0
6	Efficacy of Antimicrobial Interventions Used in Meat Processing Plants against Antimicrobial Tolerant Non-antibiotic-Resistant and Antibiotic-Resistant <i>Salmonella</i> on Fresh Beef. <i>Journal of Food Protection</i> , 2022, 85, 1114-1121.	1.7	1
7	Mixed plasticizers aggravated apoptosis by NOD2-RIP2-NF- κ B pathway in grass carp hepatocytes. <i>Journal of Hazardous Materials</i> , 2021, 402, 123527.	12.4	41
8	Coronavirus disease 2019: a comprehensive review and meta-analysis on cardiovascular biomarkers. <i>Current Opinion in Cardiology</i> , 2021, 36, 367-373.	1.8	10
9	Selenomethionine alleviates LPS-induced JNK/NLRP3 inflammasome-dependent necroptosis by modulating miR-15a and oxidative stress in chicken lungs. <i>Metallomics</i> , 2021, 13, .	2.4	16
10	Stockpiling versus Composting: Effectiveness in Reducing Antibiotic-Resistant Bacteria and Resistance Genes in Beef Cattle Manure. <i>Applied and Environmental Microbiology</i> , 2021, 87, e0075021.	3.1	6
11	Modelling viability of <i>Listeria monocytogenes</i> in paneer. <i>Food Microbiology</i> , 2021, 97, 103738.	4.2	5
12	Development of a Multiplex Real-Time PCR Assay for Predicting Macrolide and Tetracycline Resistance Associated with Bacterial Pathogens of Bovine Respiratory Disease. <i>Pathogens</i> , 2021, 10, 64.	2.8	9
13	A Comparative Quantitative Assessment of Human Exposure to Various Antimicrobial-Resistant Bacteria among U.S. Ground Beef Consumers. <i>Journal of Food Protection</i> , 2021, 84, 736-759.	1.7	5
14	Assessment of the Dose-Response Relationship Between Folate Exposure and Cognitive Impairment: Synthesizing Data from Documented Studies. <i>Risk Analysis</i> , 2020, 40, 276-293.	2.7	3
15	Risk-based assessment and criteria specification of the microbial safety of wastewater reuse in food processing: Managing <i>Listeria monocytogenes</i> contamination in pasteurized fluid milk. <i>Water Research</i> , 2020, 171, 115466.	11.3	29
16	DEHP-induce damage in grass carp hepatocytes and the remedy of Eucalyptol. <i>Ecotoxicology and Environmental Safety</i> , 2020, 206, 111151.	6.0	28
17	Evaluation of the Potency of Two Pyolysin-Derived Recombinant Proteins as Vaccine Candidates of <i>Trueperella Pyogenes</i> in a Mouse Model: Pyolysin Oligomerization and Structural Change Affect the Efficacy of Pyolysin-Based Vaccines. <i>Vaccines</i> , 2020, 8, 79.	4.4	10
18	Interventions Targeting Deep Tissue Lymph Nodes May Not Effectively Reduce the Risk of Salmonellosis from Ground Pork Consumption: A Quantitative Microbial Risk Assessment. <i>Risk Analysis</i> , 2019, 39, 2237-2258.	2.7	3

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19	A quantitative microbial risk assessment model of <i>Campylobacter</i> in broiler chickens: Evaluating processing interventions. <i>Food Control</i> , 2019, 100, 97-110.	5.5	41
20	Rapid Increase in Prevalence of Carbapenem-Resistant Enterobacteriaceae (CRE) and Emergence of Colistin Resistance Gene <i>mcr-1</i> in CRE in a Hospital in Henan, China. <i>Journal of Clinical Microbiology</i> , 2018, 56, .	3.9	55
21	Quantifying changes in spore-forming bacteria contamination along the milk production chain from farm to packaged pasteurized milk using systematic review and meta-analysis. <i>Food Control</i> , 2018, 86, 319-331.	5.5	25
22	Comparison of the efficacy of commercial antimicrobial interventions for reducing antibiotic resistant and susceptible beef-associated <i>Salmonella</i> and <i>Escherichia coli</i> strains. <i>Journal Fur Verbraucherschutz Und Lebensmittelsicherheit</i> , 2018, 13, 3-23.	1.4	5
23	Development of a multiplex real-time PCR assay using two thermocycling platforms for detection of major bacterial pathogens associated with bovine respiratory disease complex from clinical samples. <i>Journal of Veterinary Diagnostic Investigation</i> , 2018, 30, 837-847.	1.1	31
24	Determination of the expression of three fimbrial subunit proteins in cultured <i>Trueperella pyogenes</i> . <i>Acta Veterinaria Scandinavica</i> , 2018, 60, 53.	1.6	8
25	Replacing the 238th aspartic acid with an arginine impaired the oligomerization activity and inflammation-inducing property of pyolysin. <i>Virulence</i> , 2018, 9, 1112-1125.	4.4	6
26	Surveillance of antimicrobial resistance among <i>Escherichia coli</i> from chicken and swine, China, 2008-2015. <i>Veterinary Microbiology</i> , 2017, 203, 49-55.	1.9	53
27	A combined <i>Clostridium perfringens</i> / <i>Trueperella pyogenes</i> inactivated vaccine induces complete immunoprotection in a mouse model. <i>Biologicals</i> , 2017, 47, 1-10.	1.4	16
28	Process Mapping the Prevalence of <i>Salmonella</i> Contamination on Pork Carcass from Slaughter to Chilling: A Systematic Review Approach. <i>Foodborne Pathogens and Disease</i> , 2012, 9, 386-395.	1.8	12
29	Lesion severity at processing as a predictor of <i>Salmonella</i> contamination of swine carcasses. <i>American Journal of Veterinary Research</i> , 2012, 73, 91-97.	0.6	7
30	Molecular characterization of methicillin-resistant <i>Staphylococcus aureus</i> strains from pet animals and veterinary staff in China. <i>Veterinary Journal</i> , 2011, 190, e125-e129.	1.7	33
31	<i>Salmonella enterica</i> in Swine Production: Assessing the Association between Amplified Fragment Length Polymorphism and Epidemiological Units of Concern. <i>Applied and Environmental Microbiology</i> , 2011, 77, 8080-8087.	3.1	14
32	Sub-iliac Lymph Nodes at Slaughter Lack Ability to Predict <i>Salmonella enterica</i> Prevalence for Swine Farms. <i>Foodborne Pathogens and Disease</i> , 2010, 7, 795-800.	1.8	19