

Xin-jun Du

List of Publications by Year in descending order

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37
papers

1,015
citations

430442

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38
docs citations

38
times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	SERS-Based Lateral Flow Strip Biosensor for Simultaneous Detection of <i>Listeria monocytogenes</i> and <i>Salmonella enterica</i> Serotype Enteritidis. <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 10290-10299.	2.4	138
2	Complete genome sequence and transcriptomics analyses reveal pigment biosynthesis and regulatory mechanisms in an industrial strain, <i>Monascus purpureus</i> YY-1. <i>Scientific Reports</i> , 2015, 5, 8331.	1.6	104
3	Network pharmacology to unveil the mechanism of Moluodan in the treatment of chronic atrophic gastritis. <i>Phytomedicine</i> , 2022, 95, 153837.	2.3	73
4	Antibacterial Activity of Manganese Dioxide Nanosheets by ROS-Mediated Pathways and Destroying Membrane Integrity. <i>Nanomaterials</i> , 2020, 10, 1545.	1.9	51
5	Characterization of the Desiccation Tolerance of <i>Cronobacter sakazakii</i> Strains. <i>Frontiers in Microbiology</i> , 2018, 9, 2867.	1.5	49
6	Development of an isothermal amplification-based assay for the rapid visual detection of <i>Salmonella</i> bacteria. <i>Journal of Dairy Science</i> , 2017, 100, 7016-7025.	1.4	46
7	Rapid detection of <i>Listeria monocytogenes</i> in milk using confocal micro-Raman spectroscopy and chemometric analysis. <i>International Journal of Food Microbiology</i> , 2015, 204, 66-74.	2.1	44
8	Recombinase Polymerase Amplification Combined with Lateral Flow Strip for <i>Listeria monocytogenes</i> Detection in Food. <i>Journal of Food Science</i> , 2018, 83, 1041-1047.	1.5	44
9	Investigation of Citrinin and Pigment Biosynthesis Mechanisms in <i>Monascus purpureus</i> by Transcriptomic Analysis. <i>Frontiers in Microbiology</i> , 2018, 9, 1374.	1.5	43
10	A rapid <i>Salmonella</i> detection method involving thermophilic helicase-dependent amplification and a lateral flow assay. <i>Molecular and Cellular Probes</i> , 2017, 34, 37-44.	0.9	35
11	Gold/Silver Hybrid Nanoparticles with Enduring Inhibition of Coronavirus Multiplication through Multisite Mechanisms. <i>Bioconjugate Chemistry</i> , 2020, 31, 2553-2563.	1.8	34
12	Development of an Immunoassay for Chloramphenicol Based on the Preparation of a Specific Single-Chain Variable Fragment Antibody. <i>Journal of Agricultural and Food Chemistry</i> , 2016, 64, 2971-2979.	2.4	33
13	Prevalence and Characterization of <i>Campylobacter jejuni</i> Isolated from Retail Chicken in Tianjin, China. <i>Journal of Food Protection</i> , 2017, 80, 1032-1040.	0.8	28
14	Rapid Detection of <i>Staphylococcus aureus</i> via Recombinase Polymerase Amplification Combined with Lateral Flow Strip. <i>Food Analytical Methods</i> , 2018, 11, 2296-2306.	1.3	28
15	Functionalized Au ^{MBA} @Ag Nanoparticles as an Optical and SERS Dual Probe in a Lateral Flow Strip for the Quantitative Detection of <i>Escherichia coli</i> O157:H7. <i>Journal of Food Science</i> , 2019, 84, 2916-2924.	1.5	28
16	NIR-activated multi-hit therapeutic Ag ₂ S quantum dot-based hydrogel for healing of bacteria-infected wounds. <i>Acta Biomaterialia</i> , 2022, 145, 88-105.	4.1	27
17	Biochemical and genetic characteristics of <i>Cronobacter sakazakii</i> biofilm formation. <i>Research in Microbiology</i> , 2012, 163, 448-456.	1.0	25
18	A Negative Regulator of Cellulose Biosynthesis, <i>bcsR</i> , Affects Biofilm Formation, and Adhesion/Invasion Ability of <i>Cronobacter sakazakii</i> . <i>Frontiers in Microbiology</i> , 2017, 8, 1839.	1.5	24

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19	Production of a soluble single-chain variable fragment antibody against okadaic acid and exploration of its specific binding. <i>Analytical Biochemistry</i> , 2016, 503, 21-27.	1.1	15
20	Screening of genes involved in interactions with intestinal epithelial cells in <i>Cronobacter sakazakii</i> . <i>AMB Express</i> , 2016, 6, 74.	1.4	14
21	Outer Membrane Protein F Is Involved in Biofilm Formation, Virulence and Antibiotic Resistance in <i>Cronobacter sakazakii</i> . <i>Microorganisms</i> , 2021, 9, 2338.	1.6	14
22	Transcriptome analysis of <i>Cronobacter sakazakii</i> ATCC BAA-894 after interaction with human intestinal epithelial cell line HCT-8. <i>Applied Microbiology and Biotechnology</i> , 2016, 100, 311-322.	1.7	13
23	Comparative proteomic analysis of <i>Cronobacter sakazakii</i> isolates with different virulences. <i>Journal of Proteomics</i> , 2015, 128, 344-351.	1.2	12
24	Crystal Structure of the Fab Fragment of an Anti-ofloxacin Antibody and Exploration of Its Specific Binding. <i>Journal of Agricultural and Food Chemistry</i> , 2016, 64, 2627-2634.	2.4	12
25	Orf6 gene encoded glyoxalase involved in mycotoxin citrinin biosynthesis in <i>Monascus purpureus</i> YY-1. <i>Applied Microbiology and Biotechnology</i> , 2017, 101, 7281-7292.	1.7	10
26	Protective effect and mechanism of <i>Monascus</i> -fermented red yeast rice against colitis caused by <i>Salmonella enterica</i> serotype Typhimurium ATCC 14028. <i>Food and Function</i> , 2020, 11, 6363-6375.	2.1	10
27	Detection of <i>Vibrio cholerae</i> by isothermal cross-priming amplification combined with nucleic acid detection strip analysis. <i>Molecular and Cellular Probes</i> , 2015, 29, 208-214.	0.9	8
28	A fluorescence quenching-recovery sensor based on RCA for the specific analysis of <i>Fusobacterium nucleatum</i> . <i>Analytical Biochemistry</i> , 2020, 604, 113808.	1.1	8
29	Construction and quality examination of murine naive T7 phage display antibody library. <i>Food and Agricultural Immunology</i> , 2010, 21, 81-90.	0.7	7
30	Inhibitor-Assisted High-Pressure Inactivation of Bacteria in Skim Milk. <i>Journal of Food Science</i> , 2017, 82, 1672-1681.	1.5	7
31	MptriA, an Acetyltransferase Gene Involved in Pigment Biosynthesis in <i>M. purpureus</i> YY-1. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 4129-4138.	2.4	6
32	Production and Characterization of a Novel Low-Sugar Beverage from Red Jujube Fruits and Bamboo Shoots Fermented with Selected <i>Lactiplantibacillus plantarum</i> . <i>Foods</i> , 2021, 10, 1439.	1.9	6
33	Ni Nanocrystals Supported on Graphene Oxide: Antibacterial Agents for Synergistic Treatment of Bacterial Infections. <i>ACS Omega</i> , 0, , .	1.6	6
34	Red yeast rice dietary intervention reduces oxidative stress-related inflammation and improves intestinal microbiota. <i>Food and Function</i> , 2022, 13, 6583-6595.	2.1	5
35	Protective Effect of Recombinant Proteins of <i>Cronobacter Sakazakii</i> During Pregnancy on the Offspring. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020, 10, 15.	1.8	4
36	Comparative Proteomic Analysis of Adhesion/Invasion Related Proteins in <i>Cronobacter sakazakii</i> Based on Data-Independent Acquisition Coupled With LC-MS/MS. <i>Frontiers in Microbiology</i> , 2020, 11, 1239.	1.5	2

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37	Survival of Salmonella in Tea Under Different Storage Conditions and Brewing Methods. <i>Frontiers in Microbiology</i> , 2022, 13, 816667.	1.5	2