

# Xiaodong Xia

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

83

papers

1,281

citations

20

h-index

33

g-index

91

ext. papers

1,908

ext. citations

4.8

avg, IF

4.53

L-index

#	Paper	IF	Citations
83	Escherichia fergusonii, an Underrated Repository for Antimicrobial Resistance in Food Animals.. <i>Microbiology Spectrum</i> , <b>2022</b> , e0161721	8.9	3
82	Inactivation mechanism of slightly acidic electrolyzed water on Bacillus cereus spores.. <i>Food Microbiology</i> , <b>2022</b> , 103, 103951	6	0
81	Involvement of PhoP/PhoQ two-component system in biofilm formation in Cronobacter sakazakii. <i>Food Control</i> , <b>2022</b> , 133, 108621	6.2	0
80	Antibiofilm effect of sodium butyrate against Vibrio parahaemolyticus. <i>Food Control</i> , <b>2022</b> , 131, 108422	6.2	3
79	Dioscin relieves diabetic nephropathy suppressing oxidative stress and apoptosis, and improving mitochondrial quality and quantity control.. <i>Food and Function</i> , <b>2022</b> , 13, 3660-3673	6.1	2
78	Efficacy of 405-nm LED illumination and citral used alone and in combination for the inactivation of Cronobacter sakazakii in reconstituted powdered infant formula.. <i>Food Research International</i> , <b>2022</b> , 154, 111027	7	0
77	Punicalagin inhibits biofilm formation and virulence gene expression of Vibrio parahaemolyticus. <i>Food Control</i> , <b>2022</b> , 139, 109045	6.2	1
76	Inhibition of ER stress attenuates kidney injury and apoptosis induced by 3-MCPD via regulating mitochondrial fission/fusion and Ca homeostasis. <i>Cell Biology and Toxicology</i> , <b>2021</b> , 37, 795-809	7.4	2
75	Involvement of NADPH oxidase in patulin-induced oxidative damage and cytotoxicity in HEK293T cells. <i>Food and Chemical Toxicology</i> , <b>2021</b> , 150, 112055	4.7	2
74	Self-Compounded Nanocomposites: toward Multifunctional Membranes with Superior Mechanical, Gas/Oil Barrier, UV-Shielding, and Photothermal Conversion Properties. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2021</b> , 13, 28668-28678	9.5	1
73	Diosgenin Protects Against Kidney Injury and Mitochondrial Apoptosis Induced by 3-MCPD Through the Regulation of ER Stress, Ca Homeostasis, and Bcl2 Expression. <i>Molecular Nutrition and Food Research</i> , <b>2021</b> , 65, e2001202	5.9	1
72	Antibacterial Activity and Mechanism of Coenzyme Q Against. <i>Foodborne Pathogens and Disease</i> , <b>2021</b> , 18, 398-404	3.8	4
71	ATCC 29544 Translocated Human Brain Microvascular Endothelial Cells via Endocytosis, Apoptosis Induction, and Disruption of Tight Junction. <i>Frontiers in Microbiology</i> , <b>2021</b> , 12, 675020	5.7	1
70	Similar Antimicrobial Resistance of Strains Isolated from Retail Chickens and Poultry Farms. <i>Foodborne Pathogens and Disease</i> , <b>2021</b> , 18, 489-496	3.8	1
69	Antibiofilm activity of shikonin against Listeria monocytogenes and inhibition of key virulence factors. <i>Food Control</i> , <b>2021</b> , 120, 107558	6.2	9
68	Comparison of Inactivation Effect of Slightly Acidic Electrolyzed Water and Sodium Hypochlorite on Spores. <i>Foodborne Pathogens and Disease</i> , <b>2021</b> , 18, 192-201	3.8	1
67	Effect of slightly acidic electrolyzed water on natural Enterobacteriaceae reduction and seed germination in the production of alfalfa sprouts. <i>Food Microbiology</i> , <b>2021</b> , 97, 103414	6	11

66	Punicalagin Prevents Hepatic Steatosis through Improving Lipid Homeostasis and Inflammation in Liver and Adipose Tissue and Modulating Gut Microbiota in Western Diet-Fed Mice. <i>Molecular Nutrition and Food Research</i> , <b>2021</b> , 65, e2001031	5.9	4
65	Jellyfish skin polysaccharides enhance intestinal barrier function and modulate the gut microbiota in mice with DSS-induced colitis. <i>Food and Function</i> , <b>2021</b> , 12, 10121-10135	6.1	5
64	Mevalonate Blockade in Cancer Cells Triggers CLEC9A Dendritic Cell-Mediated Antitumor Immunity. <i>Cancer Research</i> , <b>2021</b> , 81, 4514-4528	10.1	2
63	Dual-modified starch nanospheres encapsulated with curcumin by self-assembly: Structure, physicochemical properties and anti-inflammatory activity. <i>International Journal of Biological Macromolecules</i> , <b>2021</b> , 191, 305-314	7.9	1
62	The role of PhoP/PhoQ two component system in regulating stress adaptation in Cronobacter sakazakii. <i>Food Microbiology</i> , <b>2021</b> , 100, 103851	6	3
61	Impact of dietary components on enteric infectious disease. <i>Critical Reviews in Food Science and Nutrition</i> , <b>2021</b> , 1-26	11.5	3
60	Emergence of in Mediating Resistance to Florfenicols in Campylobacter. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2020</b> , 64,	5.9	7
59	Fish oil extracted from Coregonus peled improves obese phenotype and changes gut microbiota in a high-fat diet-induced mouse model of recurrent obesity. <i>Food and Function</i> , <b>2020</b> , 11, 6158-6169	6.1	4
58	Carriage of Distinct mcr-1-Harboring Plasmids by Unusual Serotypes of Salmonella. <i>Advanced Biology</i> , <b>2020</b> , 4, e1900219	3.5	6
57	Transcriptomic analysis of PhoR reveals its role in regulation of swarming motility and T3SS expression in Vibrio parahaemolyticus. <i>Microbiological Research</i> , <b>2020</b> , 235, 126448	5.3	6
56	Complete Genome Sequence of Colistin-Resistant Escherichia fergusonii Strain EFCF056. <i>Microbiology Resource Announcements</i> , <b>2020</b> , 9,	1.3	2
55	Two IncHI2 Plasmid-Mediated Colistin-Resistant Escherichia coli Strains from the Broiler Chicken Supply Chain in Zhejiang Province, China. <i>Journal of Food Protection</i> , <b>2020</b> , 83, 1402-1410	2.5	2
54	Punicalagin Damages the Membrane of Salmonella Typhimurium. <i>Journal of Food Protection</i> , <b>2020</b> , 83, 2102-2106	2.5	4
53	Citral Attenuated Intestinal Inflammation Induced by in Newborn Mice. <i>Foodborne Pathogens and Disease</i> , <b>2020</b> , 17, 243-252	3.8	2
52	Drp1-mediated mitochondrial fission induced autophagy attenuates cell apoptosis caused by 3-chloropropane-1,2-diol in HEK293 cells. <i>Food and Chemical Toxicology</i> , <b>2020</b> , 145, 111740	4.7	4
51	NKL-24: A novel antimicrobial peptide derived from zebrafish NK-lysin that inhibits bacterial growth and enhances resistance against Vibrio parahaemolyticus infection in Yesso scallop, Patinopecten yessoensis. <i>Fish and Shellfish Immunology</i> , <b>2020</b> , 106, 431-440	4.3	8
50	Data-Independent Acquisition-Based Quantitative Proteomic Analysis Reveals the Protective Effect of Apigenin on Palmitate-Induced Lipotoxicity in Human Aortic Endothelial Cells. <i>Journal of Agricultural and Food Chemistry</i> , <b>2020</b> , 68, 8836-8846	5.7	0
49	The renoprotective effect of diosgenin on aristolochic acid I-induced renal injury in rats: impact on apoptosis, mitochondrial dynamics and autophagy. <i>Food and Function</i> , <b>2020</b> , 11, 7456-7467	6.1	6

48	The antimicrobial activity of coenzyme Q against planktonic and biofilm forms of Cronobacter sakazakii. <i>Food Microbiology</i> , <b>2020</b> , 86, 103337	6	20
47	Inactivation of Pseudomonas aeruginosa Biofilms by 405-Nanometer-Light-Emitting Diode Illumination. <i>Applied and Environmental Microbiology</i> , <b>2020</b> , 86,	4.8	6
46	Effects of 405-nm LED Treatment on the Resistance of to Subsequent Environmental Stresses. <i>Frontiers in Microbiology</i> , <b>2019</b> , 10, 1907	5.7	3
45	Antibiofilm activity of coenzyme Q0 against Salmonella Typhimurium and its effect on adhesion-invasion and survival-replication. <i>Applied Microbiology and Biotechnology</i> , <b>2019</b> , 103, 8545-8557	5.7	10
44	Inhibitory Effect of Thymoquinone on ATCC 19115 Biofilm Formation and Virulence Attributes Critical for Human Infection. <i>Frontiers in Cellular and Infection Microbiology</i> , <b>2019</b> , 9, 304	5.9	17
43	The reduction of Salmonella on chicken skin by the combination of sodium dodecyl sulfate with antimicrobial chemicals and coating wax microemulsions. <i>Poultry Science</i> , <b>2019</b> , 98, 2615-2621	3.9	5
42	Genetic Characterization of -Bearing Plasmids Harbored by Food-Borne Cephalosporin-Resistant Strains in China. <i>Frontiers in Microbiology</i> , <b>2019</b> , 10, 1338	5.7	3
41	The application of slightly acidic electrolyzed water in pea sprout production to ensure food safety, biological and nutritional quality of the sprout. <i>Food Control</i> , <b>2019</b> , 104, 83-90	6.2	23
40	Thymoquinone Inhibits Biofilm Formation and Attachment-Invasion in Host Cells of. <i>Foodborne Pathogens and Disease</i> , <b>2019</b> , 16, 671-678	3.8	11
39	Characterization of an NDM-5 carbapenemase-producing Escherichia coli ST156 isolate from a poultry farm in Zhejiang, China. <i>BMC Microbiology</i> , <b>2019</b> , 19, 82	4.5	20
38	Attenuation of Multiple Virulence Factors by Citral. <i>Frontiers in Microbiology</i> , <b>2019</b> , 10, 894	5.7	17
37	Inhibitory Effect of Coenzyme Q0 on the Growth of. <i>Foodborne Pathogens and Disease</i> , <b>2019</b> , 16, 317-324	3.8	6
36	Disinfectant Resistance Profiles and Biofilm Formation Capacity of Isolated from Retail Chicken. <i>Microbial Drug Resistance</i> , <b>2019</b> , 25, 703-711	2.9	14
35	Glutathione Reduction of Patulin-Evoked Cytotoxicity in HEK293 Cells by the Prevention of Oxidative Damage and the Mitochondrial Apoptotic Pathway. <i>Journal of Agricultural and Food Chemistry</i> , <b>2018</b> , 66, 7775-7785	5.7	16
34	First detection of a bla-carrying plasmid in Vibrio alginolyticus. <i>Journal of Global Antimicrobial Resistance</i> , <b>2018</b> , 13, 206-208	3.4	6
33	Molecular Characterization of Genes and Their Novel Alleles in Vibrio spp. Isolated from Food Products in China. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2018</b> , 62,	5.9	11
32	Quality and consumer acceptance of radio frequency and traditional heat pasteurised kiwi puree during storage. <i>International Journal of Food Science and Technology</i> , <b>2018</b> , 53, 209-218	3.8	15
31	Protective effects of apigenin against 3-MCPD-induced renal injury in rat. <i>Chemico-Biological Interactions</i> , <b>2018</b> , 296, 9-17	5	10

30	Antibiotic Susceptibility and Molecular Screening of Class I Integron in Salmonella Isolates Recovered from Retail Raw Chicken Carcasses in China. <i>Microbial Drug Resistance</i> , <b>2017</b> , 23, 230-235	2.9	14
29	Antimicrobial Activity of Punicalagin Against Staphylococcus aureus and Its Effect on Biofilm Formation. <i>Foodborne Pathogens and Disease</i> , <b>2017</b> , 14, 282-287	3.8	46
28	Inhibition of Cronobacter sakazakii Virulence Factors by Citral. <i>Scientific Reports</i> , <b>2017</b> , 7, 43243	4.9	36
27	Inactivation of Nondesiccated and Desiccated Cronobacter sakazakii in Reconstituted Infant Formula by Combination of Citral and Mild Heat. <i>Journal of Food Protection</i> , <b>2017</b> , 80, 1193-1197	2.5	5
26	Presence and Antimicrobial Resistance of Escherichia coli in Ready-to-Eat Foods in Shaanxi, China. <i>Journal of Food Protection</i> , <b>2017</b> , 80, 420-424	2.5	4
25	Apigenin attenuates patulin-induced apoptosis in HEK293 cells by modulating ROS-mediated mitochondrial dysfunction and caspase signal pathway. <i>Toxicol</i> , <b>2017</b> , 137, 106-113	2.8	35
24	Thymoquinone Inhibits Virulence Related Traits of ATCC 29544 and Has Anti-biofilm Formation Potential. <i>Frontiers in Microbiology</i> , <b>2017</b> , 8, 2220	5.7	18
23	Enhanced biofilm formation in dual-species culture of and. <i>AIMS Microbiology</i> , <b>2017</b> , 3, 774-783	4.5	3
22	Determination of nitrofurans metabolites residues in aquatic products by ultra-performance liquid chromatography-tandem mass spectrometry. <i>Food Chemistry</i> , <b>2016</b> , 192, 612-7	8.5	57
21	Tannin-Rich Fraction from Pomegranate Rind Inhibits Quorum Sensing in Chromobacterium violaceum and Biofilm Formation in Escherichia coli. <i>Foodborne Pathogens and Disease</i> , <b>2016</b> , 13, 28-35	3.8	24
20	Antimicrobial Activity of Ferulic Acid Against Cronobacter sakazakii and Possible Mechanism of Action. <i>Foodborne Pathogens and Disease</i> , <b>2016</b> , 13, 196-204	3.8	61
19	Prevalence and Characterization of Cronobacter sakazakii in Retail Milk-Based Infant and Baby Foods in Shaanxi, China. <i>Foodborne Pathogens and Disease</i> , <b>2016</b> , 13, 221-7	3.8	21
18	Antimicrobial activity of syringic acid against Cronobacter sakazakii and its effect on cell membrane. <i>Food Chemistry</i> , <b>2016</b> , 197, 100-6	8.5	91
17	Antimicrobial Activity and Possible Mechanism of Action of Citral against Cronobacter sakazakii. <i>PLoS ONE</i> , <b>2016</b> , 11, e0159006	3.7	95
16	Urolithin A attenuates ox-LDL-induced endothelial dysfunction partly by modulating microRNA-27 and ERK/PPAR- $\gamma$ pathway. <i>Molecular Nutrition and Food Research</i> , <b>2016</b> , 60, 1933-43	5.9	29
15	3-Monochloro-1,2-propanediol (3-MCPD) induces apoptosis via mitochondrial oxidative phosphorylation system impairment and the caspase cascade pathway. <i>Toxicology</i> , <b>2016</b> , 372, 1-11	4.4	31
14	The anti-infective activity of punicalagin against Salmonella enterica subsp. enterica serovar typhimurium in mice. <i>Food and Function</i> , <b>2015</b> , 6, 2357-64	6.1	10
13	Tannin-rich pomegranate rind extracts reduce adhesion to and invasion of Caco-2 Cells by Listeria monocytogenes and decrease its expression of virulence genes. <i>Journal of Food Protection</i> , <b>2015</b> , 78, 128-33	2.5	11

12	Prevalence, distribution, and diversity of <i>Escherichia coli</i> in plants manufacturing goat milk powder in Shaanxi, China. <i>Journal of Dairy Science</i> , <b>2015</b> , 98, 2260-7	4	6
11	Distribution and Molecular Characterization of <i>Salmonella enterica</i> Hypermutators in Retail Food in China. <i>Journal of Food Protection</i> , <b>2015</b> , 78, 1481-7	2.5	7
10	Survey of microbial contamination and characterization of <i>Escherichia coli</i> in kiwifruit orchards in Shaanxi, China, 2013. <i>Foodborne Pathogens and Disease</i> , <b>2015</b> , 12, 857-63	3.8	3
9	Oxidative stress is involved in Patulin induced apoptosis in HEK293 cells. <i>Toxicon</i> , <b>2015</b> , 94, 1-7	2.8	52
8	Molecular characterization of <i>Salmonella enterica</i> serovar Enteritidis on retail raw poultry in six provinces and two National cities in China. <i>Food Microbiology</i> , <b>2015</b> , 46, 74-80	6	32
7	Punicalagin inhibits <i>Salmonella</i> virulence factors and has anti-quorum-sensing potential. <i>Applied and Environmental Microbiology</i> , <b>2014</b> , 80, 6204-11	4.8	63
6	Prevalence, antimicrobial susceptibility, and enterotoxin gene detection of <i>Staphylococcus aureus</i> isolates in ready-to-eat foods in Shaanxi, People's Republic of China. <i>Journal of Food Protection</i> , <b>2014</b> , 77, 331-4	2.5	11
5	Presence and antimicrobial susceptibility of <i>Escherichia coli</i> recovered from retail chicken in China. <i>Journal of Food Protection</i> , <b>2014</b> , 77, 1773-7	2.5	11
4	Counts, serotypes, and antimicrobial resistance of <i>Salmonella</i> isolates on retail raw poultry in the People's Republic of China. <i>Journal of Food Protection</i> , <b>2014</b> , 77, 894-902	2.5	46
3	Allicin Inhibits Microbial Growth and Oxidative Browning of Fresh-Cut Lettuce ( <i>Lactuca sativa</i> ) During Refrigerated Storage. <i>Food and Bioprocess Technology</i> , <b>2014</b> , 7, 1597-1605	5.1	17
2	Antimicrobial effect and mode of action of chlorogenic acid on <i>Staphylococcus aureus</i> . <i>European Food Research and Technology</i> , <b>2014</b> , 238, 589-596	3.4	85
1	Effects of tomato variety, temperature differential, and post-stem removal time on internalization of <i>Salmonella enterica</i> serovar Thompson in tomatoes. <i>Journal of Food Protection</i> , <b>2012</b> , 75, 297-303	2.5	28