

Dongyan Shao

List of Publications by Year in descending order

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Version: 2024-02-01

61
papers

2,199
citations

236925

25
h-index

243625

44
g-index

61
all docs

61
docs citations

61
times ranked

2865
citing authors

#	ARTICLE	IF	CITATIONS
1	Potential role of selenium in alleviating obesity-related iron dyshomeostasis. <i>Critical Reviews in Food Science and Nutrition</i> , 2023, 63, 10032-10046.	10.3	3
2	Potentials of orally supplemented selenium-enriched <i>Lactocaseibacillus rhamnosus</i> to mitigate the lead induced liver and intestinal tract injury. <i>Environmental Pollution</i> , 2022, 302, 119062.	7.5	10
3	Response of human gut microbiota under simulated microgravity. <i>Applied Microbiology and Biotechnology</i> , 2022, 106, 5221-5231.	3.6	7
4	Filamentous fungal in situ biosynthesis of heterogeneous Au/Cd _{0.5} Zn _{0.5} S nano-photocatalyst: A macroscopic assembly strategy for preparing composite mycelial pellets with visible light degradation ability. <i>Journal of Hazardous Materials</i> , 2021, 406, 124797.	12.4	8
5	<i>Lactobacillus rhamnosus</i> from human breast milk ameliorates ulcerative colitis in mice via gut microbiota modulation. <i>Food and Function</i> , 2021, 12, 5171-5186.	4.6	30
6	Mechanisms of the Effect of Simulated Microgravity on the Cytotoxicity of NK Cells Following the DNA Methylation of NKG2D and the Expression of DAP10. <i>Microgravity Science and Technology</i> , 2021, 33, 1.	1.4	5
7	Effects of <i>Bacillus subtilis</i> iturin A on HepG2 cells in vitro and vivo. <i>AMB Express</i> , 2021, 11, 67.	3.0	15
8	The anti-obesity effects exerted by different fractions of <i>Artemisia sphaerocephala</i> Krasch polysaccharide in diet-induced obese mice. <i>International Journal of Biological Macromolecules</i> , 2021, 182, 825-837.	7.5	16
9	The Role of Vasoactive Intestinal Peptide and Mast Cells in the Regulatory Effect of <i>Lactobacillus casei</i> ATCC 393 on Intestinal Mucosal Immune Barrier. <i>Frontiers in Immunology</i> , 2021, 12, 723173.	4.8	7
10	<i>Artemisia sphaerocephala</i> Krasch polysaccharide mediates lipid metabolism and metabolic endotoxaemia in associated with the modulation of gut microbiota in diet-induced obese mice. <i>International Journal of Biological Macromolecules</i> , 2020, 147, 1008-1017.	7.5	51
11	Mechanisms for <i>Lactobacillus rhamnosus</i> treatment of intestinal infection by drug-resistant <i>Escherichia coli</i> . <i>Food and Function</i> , 2020, 11, 4428-4445.	4.6	22
12	Blocking ACAT1 Activity for Tumor Therapy with Fluorescent Hyperstar Polymer Encapsulated Avasimibe. <i>Macromolecular Bioscience</i> , 2020, 20, e1900438.	4.1	3
13	Novel Biomedical Functions of Surfactin A from <i>Bacillus subtilis</i> in Wound Healing Promotion and Scar Inhibition. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 6987-6997.	5.2	32
14	Amphiphilic star copolymers-mediated co-delivery of doxorubicin and avasimibe for effective combination chemotherapy. <i>Journal of Materials Science</i> , 2020, 55, 9525-9537.	3.7	2
15	<i>Bacillus subtilis</i> inhibits <i>Aspergillus carbonarius</i> by producing iturin A, which disturbs the transport, energy metabolism, and osmotic pressure of fungal cells as revealed by transcriptomics analysis. <i>International Journal of Food Microbiology</i> , 2020, 330, 108783.	4.7	54
16	Grape seed proanthocyanidins suppressed macrophage foam cell formation by miRNA-9 via targeting ACAT1 in THP-1 cells. <i>Food and Function</i> , 2020, 11, 1258-1269.	4.6	25
17	miRNA-mediated macrophage behaviors responding to matrix stiffness and oxLDL. <i>Journal of Cellular Physiology</i> , 2020, 235, 6139-6153.	4.1	15
18	Potential of lactic acid bacteria derived polysaccharides for the delivery and controlled release of oral probiotics. <i>Journal of Controlled Release</i> , 2020, 323, 110-124.	9.9	28

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19	Fungal In Situ Assembly Gives Novel Properties to CdS _{1-x} Se _x Quantum Dots for Sensitive Label-Free Detection of Chloramphenicol. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 6806-6814.	6.7	27
20	Prediction of new targets and mechanisms for quercetin in the treatment of pancreatic cancer, colon cancer, and rectal cancer. <i>Food and Function</i> , 2019, 10, 5339-5349.	4.6	49
21	Clinostat Rotation Affects Metabolite Transportation and Increases Organic Acid Production by <i>Aspergillus carbonarius</i> , as Revealed by Differential Metabolomic Analysis. <i>Applied and Environmental Microbiology</i> , 2019, 85, .	3.1	13
22	Development of a paper-based method to detect Hg ²⁺ in waste water using iturin from <i>Bacillus subtilis</i> . <i>Applied Microbiology and Biotechnology</i> , 2019, 103, 8609-8618.	3.6	4
23	Genomic sequencing, genome-scale metabolic network reconstruction, and in silico flux analysis of the grape endophytic fungus <i>Alternaria</i> sp. MG1. <i>Microbial Cell Factories</i> , 2019, 18, 13.	4.0	27
24	Recovery of gold from electronic wastewater by <i>Phomopsis</i> sp. XP-8 and its potential application in the degradation of toxic dyes. <i>Bioresource Technology</i> , 2019, 288, 121610.	9.6	26
25	pH-responsive dithiomaleimide-amphiphilic block copolymer for drug delivery and cellular imaging. <i>Journal of Colloid and Interface Science</i> , 2019, 552, 439-447.	9.4	36
26	Synthesis of silver nanoparticles and its contribution to the capability of <i>Bacillus subtilis</i> to deal with polluted waters. <i>Applied Microbiology and Biotechnology</i> , 2019, 103, 6319-6332.	3.6	21
27	Capability of iturin from <i>Bacillus subtilis</i> to inhibit <i>Candida albicans</i> in vitro and in vivo. <i>Applied Microbiology and Biotechnology</i> , 2019, 103, 4377-4392.	3.6	37
28	Anti-tumor potential of cell free culture supernatant of <i>Lactobacillus rhamnosus</i> strains isolated from human breast milk. <i>Food Research International</i> , 2019, 123, 286-297.	6.2	59
29	Beneficial effects of endophytic fungi colonization on plants. <i>Applied Microbiology and Biotechnology</i> , 2019, 103, 3327-3340.	3.6	157
30	Effect of cell culture models on the evaluation of anticancer activity and mechanism analysis of the potential bioactive compound, iturin A, produced by <i>Bacillus subtilis</i> . <i>Food and Function</i> , 2019, 10, 1478-1489.	4.6	16
31	Response of intestinal metabolome to polysaccharides from mycelia of <i>Ganoderma lucidum</i> . <i>International Journal of Biological Macromolecules</i> , 2019, 122, 723-731.	7.5	34
32	Iturin A-like lipopeptides from <i>Bacillus subtilis</i> trigger apoptosis, paraptosis, and autophagy in Caco-2 cells. <i>Journal of Cellular Physiology</i> , 2019, 234, 6414-6427.	4.1	45
33	Reverse cholesterol transport-related miRNAs and their regulation by natural functional compounds. <i>Current Protein and Peptide Science</i> , 2019, 20, 1004-1011.	1.4	4
34	Fungal Spores Promote the Glycerol Production of <i>Saccharomyces cerevisiae</i> by Upregulating the Oxidative Balance Pathway. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 3188-3198.	5.2	5
35	Heterologous expression of <i>Oenococcus oeni</i> sHSP20 confers temperature stress tolerance in <i>Escherichia coli</i> . <i>Cell Stress and Chaperones</i> , 2018, 23, 653-662.	2.9	8
36	Fungal silver nanoparticles: synthesis, application and challenges. <i>Critical Reviews in Biotechnology</i> , 2018, 38, 817-835.	9.0	178

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37	Strategies to enhance the production of pinoresinol and its glucosides by endophytic fungus (<i>Phomopsis</i> sp. XP-8) isolated from Tu-chung bark. <i>AMB Express</i> , 2018, 8, 55.	3.0	11
38	Impact of dietary compounds on cancer-related gut microbiota and microRNA. <i>Applied Microbiology and Biotechnology</i> , 2018, 102, 4291-4303.	3.6	15
39	Potential of <i>Bacillus subtilis</i> lipopeptides in anti-cancer I: induction of apoptosis and paraptosis and inhibition of autophagy in K562 cells. <i>AMB Express</i> , 2018, 8, 78.	3.0	70
40	Production of bioproducts by endophytic fungi: chemical ecology, biotechnological applications, bottlenecks, and solutions. <i>Applied Microbiology and Biotechnology</i> , 2018, 102, 6279-6298.	3.6	57
41	Anticancer potential against cervix cancer (HeLa) cell line of probiotic <i>Lactobacillus casei</i> and <i>Lactobacillus paracasei</i> strains isolated from human breast milk. <i>Food and Function</i> , 2018, 9, 2705-2715.	4.6	90
42	Origination, change, and modulation of geriatric disease-related gut microbiota during life. <i>Applied Microbiology and Biotechnology</i> , 2018, 102, 8275-8289.	3.6	25
43	Responses of Intestinal Mucosal Barrier Functions of Rats to Simulated Weightlessness. <i>Frontiers in Physiology</i> , 2018, 9, 729.	2.8	27
44	Dietary compounds have potential in controlling atherosclerosis by modulating macrophage cholesterol metabolism and inflammation via miRNA. <i>Npj Science of Food</i> , 2018, 2, 13.	5.5	23
45	Identification, characterization, and probiotic potential of <i>Lactobacillus rhamnosus</i> isolated from human milk. <i>LWT - Food Science and Technology</i> , 2017, 84, 271-280.	5.2	134
46	Simulated microgravity affects some biological characteristics of <i>Lactobacillus acidophilus</i> . <i>Applied Microbiology and Biotechnology</i> , 2017, 101, 3439-3449.	3.6	46
47	Immobilized enzymes from <i>Geotrichum</i> spp. improve wine quality. <i>Applied Microbiology and Biotechnology</i> , 2017, 101, 6637-6649.	3.6	3
48	Biological activity of lipopeptides from <i>Bacillus</i> . <i>Applied Microbiology and Biotechnology</i> , 2017, 101, 5951-5960.	3.6	233
49	Effects of polysaccharide from mycelia of <i>Ganoderma lucidum</i> on intestinal barrier functions of rats. <i>International Journal of Biological Macromolecules</i> , 2017, 94, 1-9.	7.5	102
50	Capacity of lactic acid bacteria in immunity enhancement and cancer prevention. <i>Applied Microbiology and Biotechnology</i> , 2017, 101, 35-45.	3.6	70
51	Strategies for enhancing resveratrol production and the expression of pathway enzymes. <i>Applied Microbiology and Biotechnology</i> , 2016, 100, 7407-7421.	3.6	47
52	Comparison of pinoresinol diglucoside production by <i>Phomopsis</i> sp. XP-8 in different media and the characterisation and product profiles of the cultivation in mung bean. <i>Journal of the Science of Food and Agriculture</i> , 2016, 96, 4015-4025.	3.5	5
53	Cholesterol-Lowering Effects and Mechanisms in View of Bile Acid Pathway of Resveratrol and Resveratrol Glucuronides. <i>Journal of Food Science</i> , 2016, 81, H2841-H2848.	3.1	23
54	Polyphenolic Content and Color of Seedless and Seeded Shade Dried Chinese Raisins. <i>Food Science and Technology Research</i> , 2016, 22, 359-369.	0.6	8

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55	The aspartyl asparaginyl beta-hydroxylase in carcinomas. <i>Frontiers in Bioscience - Landmark</i> , 2015, 20, 902-909.	3.0	6
56	Changes of cytoskeleton affect T cell biological behaviors. <i>Frontiers in Bioscience - Landmark</i> , 2015, 20, 829-837.	3.0	2
57	A New Ex Vivo Method for Effective Expansion and Activation of Human Natural Killer Cells for Anti-Tumor Immunotherapy. <i>Cell Biochemistry and Biophysics</i> , 2015, 73, 723-729.	1.8	9
58	Bioconversion of Pinoresinol Diglucoside and Pinoresinol from Substrates in the Phenylpropanoid Pathway by Resting Cells of <i>Phomopsis</i> sp.XP-8. <i>PLoS ONE</i> , 2015, 10, e0137066.	2.5	8
59	Characteristics of Isolation and Functionality of Protein from Tomato Pomace Produced with Different Industrial Processing Methods. <i>Food and Bioprocess Technology</i> , 2014, 7, 532-541.	4.7	33
60	Plasma and hepatic cholesterol-lowering effects of tomato pomace, tomato seed oil and defatted tomato seed in hamsters fed with high-fat diets. <i>Food Chemistry</i> , 2013, 139, 589-596.	8.2	50
61	Study of Optimal Extraction Conditions for Achieving High Yield and Antioxidant Activity of Tomato Seed Oil. <i>Journal of Food Science</i> , 2012, 77, E202-8.	3.1	23