

# Xiaoguang Xu

## List of Publications by Year in descending order

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29  
papers

761  
citations

471061  
17  
h-index

525886  
27  
g-index

29  
all docs

29  
docs citations

29  
times ranked

1000  
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	2.5	134
2	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.	1.4	70
3	Production of bioproducts by endophytic fungi: chemical ecology, biotechnological applications, bottlenecks, and solutions. <i>Applied Microbiology and Biotechnology</i> , 2018, 102, 6279-6298.	1.7	57
4	Surfactin-reinforced gelatin methacrylate hydrogel accelerates diabetic wound healing by regulating the macrophage polarization and promoting angiogenesis. <i>Chemical Engineering Journal</i> , 2021, 414, 128836.	6.6	56
5	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.	2.1	49
6	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.	2.0	45
7	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.	4.8	28
8	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.	1.9	27
9	Fungal In Situ Assembly Gives Novel Properties to CdS/Se Quantum Dots for Sensitive Label-Free Detection of Chloramphenicol. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 6806-6814.	3.2	27
10	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.	4.8	26
11	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.	2.1	25
12	<i>Lactobacillus rhamnosus</i> from human breast milk shows therapeutic function against foodborne infection by multi-drug resistant <i>Escherichia coli</i> in mice. <i>Food and Function</i> , 2020, 11, 435-447.	2.1	24
13	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.	1.5	23
14	Key elements and regulation strategies of NRPSs for biosynthesis of lipopeptides by <i>Bacillus</i> . <i>Applied Microbiology and Biotechnology</i> , 2020, 104, 8077-8087.	1.7	23
15	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.	2.1	22
16	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.	1.7	21
17	Potential application of CHS and 4CL genes from grape endophytic fungus in production of naringenin and resveratrol and the improvement of polyphenol profiles and flavour of wine. <i>Food Chemistry</i> , 2021, 347, 128972.	4.2	20
18	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.	1.4	11

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19	Capability of <i>Bacillus Subtilis</i> to remove Pb <sup>2+</sup> via producing lipopeptides. <i>Science of the Total Environment</i> , 2020, 730, 138941.	3.9	11
20	Potentials of orally supplemented selenium-enriched <i>Lactobacillus rhamnosus</i> to mitigate the lead induced liver and intestinal tract injury. <i>Environmental Pollution</i> , 2022, 302, 119062.	3.7	10
21	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.	1.2	8
22	Filamentous fungal in situ biosynthesis of heterogeneous Au/Cd <sub>0.5</sub> Zn <sub>0.5</sub> 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.	6.5	8
23	Recovery of Ag <sup>+</sup> by cyclic lipopeptide iturin A and corresponding chain peptide: reaction mechanisms, kinetics, toxicity reduction, and applications. <i>Science of the Total Environment</i> , 2021, 763, 142988.	3.9	8
24	Preventive and therapeutic effects of <i>Lactobacillus rhamnosus</i> SHA113 and its culture supernatant on alcoholic gastric ulcers. <i>Food and Function</i> , 2021, 12, 7250-7259.	2.1	8
25	Purification and characterization of a novel glutamate dehydrogenase from <i>Geotrichum candidum</i> with higher alcohol and amino acid activity. <i>AMB Express</i> , 2017, 7, 9.	1.4	7
26	Metabolomics Reveals the Response of the Phenylpropanoid Biosynthesis Pathway to Starvation Treatment in the Grape Endophyte <i>Alternaria</i> sp. MG1. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 1126-1135.	2.4	6
27	Development of a paper-based method to detect Hg <sup>2+</sup> in waste water using iturin from <i>Bacillus subtilis</i> . <i>Applied Microbiology and Biotechnology</i> , 2019, 103, 8609-8618.	1.7	4
28	The capability of <i>Bacillus pseudomycolides</i> from soil to remove Cu(II) in water and prevent it from entering plants. <i>Journal of Applied Microbiology</i> , 2022, 132, 1914-1925.	1.4	2
29	Bioconversion of Pinoreosinol Diglucoside from Glucose Using Resting and Freeze-Dried <i>Phomopsis</i> sp. XP-8 Cells. <i>Journal of Microbiology and Biotechnology</i> , 2017, 27, 1428-1440.	0.9	1