

# Xixi Zhao

## List of Publications by Year in descending order

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Version: 2024-02-01

17  
papers

729  
citations

759233

12  
h-index

888059

17  
g-index

17  
all docs

17  
docs citations

17  
times ranked

880  
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	8.0	8
2	Antifungal activity of silver nanoparticles synthesized by iturin against <i>Candida albicans</i> in vitro and in vivo. <i>Applied Microbiology and Biotechnology</i> , 2021, 105, 3759-3770.	3.6	25
3	Antibacterial and wound healing-promoting effect of sponge-like chitosan-loaded silver nanoparticles biosynthesized by iturin. <i>International Journal of Biological Macromolecules</i> , 2021, 181, 1183-1195.	7.5	45
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.	12.7	56
5	Recent Developments in Detection Using Noble Metal Nanoparticles. <i>Critical Reviews in Analytical Chemistry</i> , 2020, 50, 97-110.	3.5	62
6	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.	5.2	6
7	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.	3.6	23
8	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
9	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.	8.0	11
10	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.	3.6	4
11	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
12	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
13	Beneficial effects of endophytic fungi colonization on plants. <i>Applied Microbiology and Biotechnology</i> , 2019, 103, 3327-3340.	3.6	157
14	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
15	Tracing the mass flow from glucose and phenylalanine to pinoresinol and its glycosides in <i>Phomopsis</i> sp. XP-8 using stable isotope assisted TOF-MS. <i>Scientific Reports</i> , 2019, 9, 18495.	3.3	2
16	Fungal silver nanoparticles: synthesis, application and challenges. <i>Critical Reviews in Biotechnology</i> , 2018, 38, 817-835.	9.0	178
17	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