Xixi Zhao

List of Publications by Year
in descending order

17	729	759233 12	888059 17
papers	citations	h-index	g-index

17	17	17	880
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Fungal silver nanoparticles: synthesis, application and challenges. Critical Reviews in Biotechnology, 2018, 38, 817-835.	9.0	178
2	Beneficial effects of endophytic fungi colonization on plants. Applied Microbiology and Biotechnology, 2019, 103, 3327-3340.	3.6	157
3	Recent Developments in Detection Using Noble Metal Nanoparticles. Critical Reviews in Analytical Chemistry, 2020, 50, 97-110.	3.5	62
4	Production of bioproducts by endophytic fungi: chemical ecology, biotechnological applications, bottlenecks, and solutions. Applied Microbiology and Biotechnology, 2018, 102, 6279-6298.	3.6	57
5	Surfactin-reinforced gelatin methacrylate hydrogel accelerates diabetic wound healing by regulating the macrophage polarization and promoting angiogenesis. Chemical Engineering Journal, 2021, 414, 128836.	12.7	56
6	Antibacterial and wound healingâ€“promoting effect of sponge-like chitosan-loaded silver nanoparticles biosynthesized by iturin. International Journal of Biological Macromolecules, 2021, 181, 1183-1195.	7.5	45
7	Novel Biomedical Functions of Surfactin A from Bacillus subtilis in Wound Healing Promotion and Scar Inhibition. Journal of Agricultural and Food Chemistry, 2020, 68, 6987-6997.	5.2	32
8	Recovery of gold from electronic wastewater by Phomopsis sp. XP-8 and its potential application in the degradation of toxic dyes. Bioresource Technology, 2019, 288, 121610.	9.6	26
9	Antifungal activity of silver nanoparticles synthesized by iturin against Candida albicans in vitro and in vivo. Applied Microbiology and Biotechnology, 2021, 105, 3759-3770.	3.6	25
10	Key elements and regulation strategies of NRPSs for biosynthesis of lipopeptides by Bacillus. Applied Microbiology and Biotechnology, 2020, 104, 8077-8087.	3.6	23
11	Synthesis of silver nanoparticles and its contribution to the capability of Bacillus subtilis to deal with polluted waters. Applied Microbiology and Biotechnology, 2019, 103, 6319-6332.	3.6	21
12	Effect of cell culture models on the evaluation of anticancer activity and mechanism analysis of the potential bioactive compound, iturin A, produced by Bacillus subtilis. Food and Function, 2019, 10, 1478-1489.	4.6	16
13	Capability of Bacillus Subtilis to remove Pb2+ via producing lipopeptides. Science of the Total Environment, 2020, 730, 138941.	8.0	11
14	Recovery of Ag+ by cyclic lipopeptide iturin A and corresponding chain peptide: reaction mechanisms, kinetics, toxicity reduction, and applications. Science of the Total Environment, 2021, 763, 142988.	8.0	8
15	Metabolomics Reveals the Response of the Phenylpropanoid Biosynthesis Pathway to Starvation Treatment in the Grape Endophyte Alternaria sp. MG1. Journal of Agricultural and Food Chemistry, 2020, 68, 1126-1135.	5.2	6
16	Development of a paper-based method to detect Hg2+ in waste water using iturin from Bacillus subtilis. Applied Microbiology and Biotechnology, 2019, 103, 8609-8618.	3.6	4
17	Tracing the mass flow from glucose and phenylalanine to pinoresinol and its glycosides in Phomopsis sp. XP-8 using stable isotope assisted TOF-MS. Scientific Reports, 2019, 9, 18495.	3.3	2