Pei-Pei Han

List of Publications by Citations

20 papers	329 citations	11 h-index	18 g-index
20 ext. papers	416 ext. citations	5 avg, IF	3.23 L-index

#	Paper	IF	Citations
20	Emulsifying, flocculating, and physicochemical properties of exopolysaccharide produced by cyanobacterium Nostoc flagelliforme. *Applied Biochemistry and Biotechnology*, **2014**, 172, 36-49	3.2	53
19	Effects of light wavelengths on extracellular and capsular polysaccharide production by Nostoc flagelliforme. *Carbohydrate Polymers*, **2014**, 105, 145-51	10.3	53
18	Effect of culture conditions on the physicochemical properties and antioxidant activities of polysaccharides from Nostoc flagelliforme. *Carbohydrate Polymers*, **2018**, 198, 426-433	10.3	48
17	Lipidomic analysis reveals activation of phospholipid signaling in mechanotransduction of Taxus cuspidata cells in response to shear stress. *FASEB Journal*, **2009**, 23, 623-30	0.9	30
16	Comparative metabolomic analysis of the effects of light quality on polysaccharide production of cyanobacterium Nostoc flagelliforme. *Algal Research*, **2015**, 9, 143-150	5	29
15	ROS Is a Factor Regulating the Increased Polysaccharide Production by Light Quality in the Edible Cyanobacterium Nostoc flagelliforme. *Journal of Agricultural and Food Chemistry*, **2019**, 67, 2235-2244	5.7	17
14	The relationship between monosaccharide composition of extracellular polysaccharide and activities of related enzymes in Nostoc flagelliforme under different culture conditions. *Carbohydrate Polymers*, **2017**, 174, 111-119	10.3	13
13	Proteomic profiling of Nostoc flagelliforme reveals the common mechanism in promoting polysaccharide production by different light qualities. *Biochemical Engineering Journal*, **2018**, 132, 68-78	4.2	13
12	Analysis of phospholipids, sterols, and fatty acids in Taxus chinensis var. mairei cells in response to shear stress. *Biotechnology and Applied Biochemistry*, **2009**, 54, 105-12	2.8	13
11	Applying the strategy of light environment control to improve the biomass and polysaccharide production of Nostoc flagelliforme. *Journal of Applied Phycology*, **2017**, 29, 55-65	3.2	12
10	Comparisons of Functional Properties of Polysaccharides from under Three Culture Conditions. *Polymers*, **2019**, 11,	4.5	11
9	Metabolomic approach to optimizing and evaluating antibiotic treatment in the axenic culture of cyanobacterium Nostoc flagelliforme. *World Journal of Microbiology and Biotechnology*, **2014**, 30, 2407-18	4.4	9
8	Influence of culture conditions on extracellular polysaccharide production and the activities of enzymes involved in the polysaccharide synthesis of Nostoc flagelliforme. *RSC Advances*, **2017**, 7, 45075-45084	3.7	8
7	Comparison of bacterial community structures of terrestrial cyanobacterium Nostoc flagelliforme in three different regions of China using PCR-DGGE analysis. *World Journal of Microbiology and Biotechnology*, **2015**, 31, 1061-9	4.4	7
6	Taxoids profiling of suspension Taxus chinensis var. mairei cells in response to shear stress. *Biochemical Engineering Journal*, **2013**, 77, 66-73	4.2	7
5	The physiological responses of terrestrial cyanobacterium to different intensities of ultraviolet-B radiation.. *RSC Advances*, **2018**, 8, 21065-21074	3.7	3
4	Comparative proteomic analysis of Nostoc flagelliforme reveals the difference in adaptive mechanism in response to different ultraviolet-B radiation treatments. *Molecular Biology Reports*, **2018**, 45, 1995-2006	2.8	2

3	The effects of quorum sensing molecule farnesol on the yield and activity of extracellular polysaccharide from Grifola frondosa in liquid fermentation. *International Journal of Biological Macromolecules*, **2021**, 191, 377-384	7.9	1
2	Nostoc flagelliforme capsular polysaccharides from different culture conditions improve hyperlipidemia and regulate intestinal flora in C57BL/6J mice to varying degrees.. *International Journal of Biological Macromolecules*, **2022**, 202, 224-233	7.9	0
1	Improvement of Biomineralization of as Biocementing Material for Concrete Repair by Atmospheric and Room Temperature Plasma Mutagenesis and Response Surface Methodology. *Journal of Microbiology and Biotechnology*, **2021**, 31, 1311-1322	3.3	0