

Sara B Pereira

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

1,413
citations

567281

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794594

19
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docs citations

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times ranked

1801
citing authors

#	ARTICLE	IF	CITATIONS
1	Absence of KpsM (Slr0977) Impairs the Secretion of Extracellular Polymeric Substances (EPS) and Impacts Carbon Fluxes in <i>Synechocystis</i> sp. PCC 6803. <i>MSphere</i> , 2021, 6, .	2.9	9
2	Chapter 7 Algal biotechnology. , 2021, , 173-206.		0
3	The role of the tyrosine kinase Wzc (Slr0923) and the phosphatase Wzb (Slr0328) in the production of extracellular polymeric substances (EPS) by <i>Synechocystis</i> PCC 6803. <i>MicrobiologyOpen</i> , 2019, 8, e00753.	3.0	26
4	Characterization and antitumor activity of the extracellular carbohydrate polymer from the cyanobacterium <i>Synechocystis</i> sigF mutant. <i>International Journal of Biological Macromolecules</i> , 2019, 136, 1219-1227.	7.5	17
5	Strategies to Obtain Designer Polymers Based on Cyanobacterial Extracellular Polymeric Substances (EPS). <i>International Journal of Molecular Sciences</i> , 2019, 20, 5693.	4.1	41
6	The alternative sigma factor SigF is a key player in the control of secretion mechanisms in <i>Synechocystis</i> sp. PCC 6803. <i>Environmental Microbiology</i> , 2019, 21, 343-359.	3.8	29
7	Extracellular Proteins: Novel Key Components of Metal Resistance in Cyanobacteria?. <i>Frontiers in Microbiology</i> , 2016, 7, 878.	3.5	37
8	Released polysaccharides (RPS) from <i>Cyanothece</i> sp. CCY 0110 as biosorbent for heavy metals bioremediation: interactions between metals and RPS binding sites. <i>Applied Microbiology and Biotechnology</i> , 2016, 100, 7765-7775.	3.6	72
9	Phylum-wide analysis of genes/proteins related to the last steps of assembly and export of extracellular polymeric substances (EPS) in cyanobacteria. <i>Scientific Reports</i> , 2015, 5, 14835.	3.3	85
10	Differential proteomes of the cyanobacterium <i>Cyanothece</i> sp. CCY 0110 upon exposure to heavy metals. <i>Data in Brief</i> , 2015, 4, 152-158.	1.0	3
11	Effects of heavy metals on <i>Cyanothece</i> sp. CCY 0110 growth, extracellular polymeric substances (EPS) production, ultrastructure and protein profiles. <i>Journal of Proteomics</i> , 2015, 120, 75-94.	2.4	95
12	Preparation and characterization of polysaccharides/PVA blend nanofibrous membranes by electrospinning method. <i>Carbohydrate Polymers</i> , 2014, 99, 584-592.	10.2	144
13	Production and characterization of extracellular carbohydrate polymer from <i>Cyanothece</i> sp. CCY 0110. <i>Carbohydrate Polymers</i> , 2013, 92, 1408-1415.	10.2	89
14	Assembly and Export of Extracellular Polymeric Substances (EPS) in Cyanobacteria. <i>Advances in Botanical Research</i> , 2013, 65, 235-279.	1.1	28
15	Using extracellular polymeric substances (EPS)-producing cyanobacteria for the bioremediation of heavy metals: do cations compete for the EPS functional groups and also accumulate inside the cell?. <i>Microbiology (United Kingdom)</i> , 2011, 157, 451-458.	1.8	118
16	iTRAQ-based quantitative proteomic analysis of <i>Gloeotheca</i> sp. PCC 6909: Comparison with its sheathless mutant and adaptations to nitrate deficiency and sulfur limitation. <i>Journal of Proteomics</i> , 2011, 75, 270-283.	2.4	13
17	Immunolocalization of the uptake hydrogenase in the marine cyanobacterium <i>Lyngbya majuscula</i> CCAP 1446/4 and two <i>Nostoc</i> strains. <i>FEMS Microbiology Letters</i> , 2009, 292, 57-62.	1.8	25
18	Complexity of cyanobacterial exopolysaccharides: composition, structures, inducing factors and putative genes involved in their biosynthesis and assembly. <i>FEMS Microbiology Reviews</i> , 2009, 33, 917-941.	8.6	522

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19	Sheathless Mutant of Cyanobacterium <i>Gloeotheca</i> sp. Strain PCC 6909 with Increased Capacity To Remove Copper Ions from Aqueous Solutions. <i>Applied and Environmental Microbiology</i> , 2008, 74, 2797-2804.	3.1	47
20	Genes involved in the maturation of hydrogenase(s) in the nonheterocystous cyanobacterium <i>Lyngbya majuscula</i> CCAP 1446/4. <i>International Journal of Hydrogen Energy</i> , 2006, 31, 1469-1477.	7.1	13