

Paulo Oliveira

List of Publications by Year in descending order

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Version: 2024-02-01

41
papers

1,611
citations

279798

23
h-index

289244

40
g-index

42
all docs

42
docs citations

42
times ranked

1510
citing authors

#	ARTICLE	IF	CITATIONS
1	The role of positive charged residue in the proton-transfer mechanism of two-domain laccase from <i>Streptomyces griseoflavus</i> Ac-993. <i>Journal of Biomolecular Structure and Dynamics</i> , 2022, 40, 8324-8331.	3.5	2
2	Expression and activity of heterologous hydroxyisocaproate dehydrogenases in <i>Synechocystis</i> sp. PCC 6803. <i>Engineering Microbiology</i> , 2022, 2, 100008.	4.7	9
3	Isolation and Characterization of Cyanobacterial Extracellular Vesicles. <i>Journal of Visualized Experiments</i> , 2022, .	0.3	3
4	Extracellular vesicles as an alternative copper-secretion mechanism in bacteria. <i>Journal of Hazardous Materials</i> , 2022, 431, 128594.	12.4	14
5	Novel protein carrier system based on cyanobacterial nano-sized extracellular vesicles for application in fish. <i>Microbial Biotechnology</i> , 2022, 15, 2191-2207.	4.2	4
6	Light-driven hydroxylation of testosterone by <i>Synechocystis</i> sp. PCC 6803 expressing the heterologous CYP450 monooxygenase CYP110D1. <i>Green Chemistry</i> , 2022, 24, 6156-6167.	9.0	9
7	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
8	The Role of Outer Membrane Protein(s) Harboring SLH/OprB-Domains in Extracellular Vesicles™ Production in <i>Synechocystis</i> sp. PCC 6803. <i>Plants</i> , 2021, 10, 2757.	3.5	3
9	Untargeted Lipidomics Analysis of the Cyanobacterium <i>Synechocystis</i> sp. PCC 6803: Lipid Composition Variation in Response to Alternative Cultivation Setups and to Gene Deletion. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8883.	4.1	12
10	Extracellular Vesicles: An Overlooked Secretion System in Cyanobacteria. <i>Life</i> , 2020, 10, 129.	2.4	13
11	Investigations of Accessibility of T2/T3 Copper Center of Two-Domain Laccase from <i>Streptomyces griseoflavus</i> Ac-993. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3184.	4.1	18
12	CyanoFactory, a European consortium to develop technologies needed to advance cyanobacteria as chassis for production of chemicals and fuels. <i>Algal Research</i> , 2019, 41, 101510.	4.6	24
13	Cyanobacterial Secretion Systems: Understanding Fundamental Mechanisms Toward Technological Applications. , 2019, , 359-381.		9
14	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
15	Identification of inner membrane translocase components of TolC-mediated secretion in the cyanobacterium <i>Synechocystis</i> sp. PCC 6803. <i>Environmental Microbiology</i> , 2018, 20, 2354-2369.	3.8	27
16	Expanding the toolbox for <i>Synechocystis</i> sp. PCC 6803: validation of replicative vectors and characterization of a novel set of promoters. <i>Synthetic Biology</i> , 2018, 3, ysy014.	2.2	43
17	The secretion signal peptide of the cyanobacterial extracellular protein HesF is located at its C-terminus. <i>FEMS Microbiology Letters</i> , 2017, 364, .	1.8	4
18	Extracellular Proteins: Novel Key Components of Metal Resistance in Cyanobacteria?. <i>Frontiers in Microbiology</i> , 2016, 7, 878.	3.5	37

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19	The versatile <i>TolC</i> -like <i>S</i> lr1270 in the cyanobacterium <i>Synechocystis</i> sp. PCC 6803. <i>Environmental Microbiology</i> , 2016, 18, 486-502.	3.8	38
20	<i>Streptomyces natalensis</i> programmed cell death and morphological differentiation are dependent on oxidative stress. <i>Scientific Reports</i> , 2015, 5, 12887.	3.3	28
21	The <i>Anabaena</i> sp. PCC 7120 Exoproteome: Taking a Peek outside the Box. <i>Life</i> , 2015, 5, 130-163.	2.4	37
22	Improving a <i>Synechocystis</i> -based photoautotrophic chassis through systematic genome mapping and validation of neutral sites. <i>DNA Research</i> , 2015, 22, 425-437.	3.4	49
23	<i>HesF</i> , an exoprotein required for filament adhesion and aggregation in <i>A</i> <i>nabaena</i> sp. PCC 7120. <i>Environmental Microbiology</i> , 2015, 17, 1631-1648.	3.8	28
24	Characterization of ten H ₂ producing cyanobacteria isolated from the Baltic Sea and Finnish lakes. <i>International Journal of Hydrogen Energy</i> , 2014, 39, 8983-8991.	7.1	19
25	Cellular and functional specificity among ferritin-like proteins in the multicellular cyanobacterium <i>Nostoc punctiforme</i> . <i>Environmental Microbiology</i> , 2014, 16, 829-844.	3.8	27
26	H ₂ Production Using Cyanobacteria/Cyanobacterial Hydrogenases: From Classical to Synthetic Biology Approaches. <i>Advances in Photosynthesis and Respiration</i> , 2014, , 79-99.	1.0	1
27	Design, Engineering, and Construction of Photosynthetic Microbial Cell Factories for Renewable Solar Fuel Production. <i>Ambio</i> , 2012, 41, 163-168.	5.5	49
28	Synthetic Biology in Cyanobacteria. <i>Methods in Enzymology</i> , 2011, 497, 539-579.	1.0	184
29	FtsZ degradation in the cyanobacterium <i>Anabaena</i> sp. strain PCC 7120. <i>Journal of Plant Physiology</i> , 2011, 168, 1934-1942.	3.5	11
30	Novel Insights into the Regulation of LexA in the Cyanobacterium <i>Synechocystis</i> sp. Strain PCC 6803. <i>Journal of Bacteriology</i> , 2011, 193, 3804-3814.	2.2	13
31	Characterization of the hupSL promoter activity in <i>Nostoc punctiforme</i> ATCC 29133. <i>BMC Microbiology</i> , 2009, 9, 54.	3.3	25
32	Transcriptional regulation of the cyanobacterial bidirectional Hox-hydrogenase. <i>Dalton Transactions</i> , 2009, , 9990.	3.3	30
33	An AbrB-Like Protein Regulates the Expression of the Bidirectional Hydrogenase in <i>Synechocystis</i> sp. Strain PCC 6803. <i>Journal of Bacteriology</i> , 2008, 190, 1011-1019.	2.2	66
34	Transcription and Regulation of the Bidirectional Hydrogenase in the Cyanobacterium <i>Nostoc</i> sp. Strain PCC 7120. <i>Applied and Environmental Microbiology</i> , 2007, 73, 5435-5446.	3.1	45
35	Cyanobacterial hydrogenases: diversity, regulation and applications. <i>FEMS Microbiology Reviews</i> , 2007, 31, 692-720.	8.6	304
36	Transcription and regulation of the hydrogenase(s) accessory genes, hypFCDEAB, in the cyanobacterium <i>Lyngbya majuscula</i> CCAP 1446/4. <i>Archives of Microbiology</i> , 2007, 188, 609-617.	2.2	22

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37	The bidirectional hydrogenase in the cyanobacterium <i>Synechocystis</i> sp. strain PCC 6803. <i>International Journal of Hydrogen Energy</i> , 2006, 31, 1439-1444.	7.1	42
38	LexA, a transcription regulator binding in the promoter region of the bidirectional hydrogenase in the cyanobacterium <i>Synechocystis</i> sp. PCC 6803. <i>FEMS Microbiology Letters</i> , 2005, 251, 59-66.	1.8	68
39	Analysis of the <i>hupSL</i> Operon of the Nonheterocystous Cyanobacterium <i>Lyngbya majuscula</i> CCAP 1446/4: Regulation of Transcription and Expression under a Light-Dark Regimen. <i>Applied and Environmental Microbiology</i> , 2005, 71, 4567-4576.	3.1	30
40	Characterization and transcriptional analysis of <i>hupSLW</i> in <i>Gloeotheca</i> sp. ATCC 27152: an uptake hydrogenase from a unicellular cyanobacterium. <i>Microbiology (United Kingdom)</i> , 2004, 150, 3647-3655.	1.8	36
41	Cyanobacterial H ₂ production ? a comparative analysis. <i>Planta</i> , 2004, 218, 350-359.	3.2	185