Rafael Pernil

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/11510825/publications.pdf

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16	671	623734	940533
papers	citations	14 h-index	16 g-index

17	17	17	588
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Metalloproteins in the Biology of Heterocysts. Life, 2019, 9, 32.	2.4	23
2	A tight tunable range for Ni(II) sensing and buffering in cells. Nature Chemical Biology, 2017, 13, 409-414.	8.0	37
3	Multiplicity and specificity of siderophore uptake in the cyanobacterium Anabaena sp. PCC 7120. Plant Molecular Biology, 2016, 92, 57-69.	3.9	15
4	Amino Acid Transporters and Release of Hydrophobic Amino Acids in the Heterocyst-Forming Cyanobacterium Anabaena sp. Strain PCC 7120. Life, 2015, 5, 1282-1300.	2.4	20
5	The Peptidoglycan-Binding Protein SjcF1 Influences Septal Junction Function and Channel Formation in the Filamentous Cyanobacterium Anabaena. MBio, 2015, 6, e00376.	4.1	33
6	Metal specificity of cyanobacterial nickelâ€responsive repressor <scp>InrS</scp>: cells maintain zinc and copper below the detection threshold for <scp>InrS</scp>. Molecular Microbiology, 2014, 92, 797-812.	2.5	28
7	Co(ii)-detection does not follow Kco(ii) gradient: channelling in Co(ii)-sensing. Metallomics, 2013, 5, 352.	2.4	13
8	Cyanobacterial metallochaperone inhibits deleterious side reactions of copper. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 95-100.	7.1	91
9	Cytosolic Ni(II) Sensor in Cyanobacterium. Journal of Biological Chemistry, 2012, 287, 12142-12151.	3.4	48
10	A TRAP Transporter for Pyruvate and Other Monocarboxylate 2-Oxoacids in the Cyanobacterium Anabaena sp. Strain PCC 7120. Journal of Bacteriology, 2010, 192, 6089-6092.	2.2	15
11	Catabolic Function of Compartmentalized Alanine Dehydrogenase in the Heterocyst-Forming Cyanobacterium Anabaena sp. Strain PCC 7120. Journal of Bacteriology, 2010, 192, 5165-5172.	2.2	41
12	The outer membrane of a heterocystâ€forming cyanobacterium is a permeability barrier for uptake of metabolites that are exchanged between cells. Molecular Microbiology, 2009, 74, 58-70.	2.5	51
13	ABCâ€type amino acid uptake transporters Bgt and Nâ€I of Anabaena sp. strain PCC 7120 share an ATPase subunit and are expressed in vegetative cells and heterocysts. Molecular Microbiology, 2008, 67, 1067-1080.	2.5	58
14	Septum-Localized Protein Required for Filament Integrity and Diazotrophy in the Heterocyst-Forming Cyanobacterium Anabaena sp. Strain PCC 7120. Journal of Bacteriology, 2007, 189, 3884-3890.	2.2	96
15	A TolC-Like Protein Is Required for Heterocyst Development inAnabaenasp. Strain PCC 7120. Journal of Bacteriology, 2007, 189, 7887-7895.	2.2	51
16	ABC-type neutral amino acid permease N-I is required for optimal diazotrophic growth and is repressed in the heterocysts ofAnabaenasp. strain PCC 7120. Molecular Microbiology, 2005, 57, 1582-1592.	2.5	49