

Andres Gonzalez

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

25
papers

413
citations

13
h-index

19
g-index

29
ext. papers

521
ext. citations

4.6
avg, IF

3.45
L-index

#	Paper	IF	Citations
25	FurA is the master regulator of iron homeostasis and modulates the expression of tetrapyrrole biosynthesis genes in <i>Anabaena</i> sp. PCC 7120. <i>Environmental Microbiology</i> , 2012 , 14, 3175-87	5.2	46
24	Overexpression of FurA in <i>Anabaena</i> sp. PCC 7120 reveals new targets for this regulator involved in photosynthesis, iron uptake and cellular morphology. <i>Plant and Cell Physiology</i> , 2010 , 51, 1900-14	4.9	39
23	Unravelling the regulatory function of FurA in <i>Anabaena</i> sp. PCC 7120 through 2-D DIGE proteomic analysis. <i>Journal of Proteomics</i> , 2011 , 74, 660-71	3.9	36
22	The FurA regulon in <i>Anabaena</i> sp. PCC 7120: in silico prediction and experimental validation of novel target genes. <i>Nucleic Acids Research</i> , 2014 , 42, 4833-46	20.1	34
21	2-oxoglutarate enhances NtcA binding activity to promoter regions of the microcystin synthesis gene cluster. <i>FEBS Letters</i> , 2011 , 585, 3921-6	3.8	27
20	Site-directed mutagenesis and spectral studies suggest a putative role of FurA from <i>Anabaena</i> sp. PCC 7120 as a heme sensor protein. <i>FEBS Journal</i> , 2012 , 279, 2231-46	5.7	24
19	Expression of fur and its antisense $\overline{\text{Fur}}$ from <i>Microcystis aeruginosa</i> PCC7806 as response to light and oxidative stress. <i>Journal of Plant Physiology</i> , 2011 , 168, 2244-50	3.6	22
18	Expanding the Role of FurA as Essential Global Regulator in Cyanobacteria. <i>PLoS ONE</i> , 2016 , 11, e0151384	9.7	21
17	Identifying potential novel drugs against <i>Helicobacter pylori</i> by targeting the essential response regulator HsrA. <i>Scientific Reports</i> , 2019 , 9, 11294	4.9	20
16	Identification of three novel antisense RNAs in the fur locus from unicellular cyanobacteria. <i>Microbiology (United Kingdom)</i> , 2011 , 157, 3398-3404	2.9	20
15	FurA influences heterocyst differentiation in <i>Anabaena</i> sp. PCC 7120. <i>FEBS Letters</i> , 2013 , 587, 2682-90	3.8	14
14	Zur (FurB) is a key factor in the control of the oxidative stress response in <i>Anabaena</i> sp. PCC 7120. <i>Environmental Microbiology</i> , 2015 , 17, 2006-17	5.2	14
13	Redox-Based Transcriptional Regulation in Prokaryotes: Revisiting Model Mechanisms. <i>Antioxidants and Redox Signaling</i> , 2019 , 30, 1651-1696	8.4	14
12	Transcriptional regulators: valuable targets for novel antibacterial strategies. <i>Future Medicinal Chemistry</i> , 2018 , 10, 541-560	4.1	11
11	Functional Genomics of Metalloregulators in Cyanobacteria. <i>Advances in Botanical Research</i> , 2013 , 107-156		9
10	Sequential binding of FurA from <i>Anabaena</i> sp. PCC 7120 to iron boxes: exploring regulation at the nanoscale. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2014 , 1844, 623-31	4	8
9	High-recovery one-step purification of the DNA-binding protein Fur by mild guanidinium chloride treatment. <i>Process Biochemistry</i> , 2010 , 45, 292-296	4.8	8

8	Repurposing Dihydropyridines for Treatment of Infection. <i>Pharmaceutics</i> , 2019 , 11,	6.4	8
7	Small Molecule Inhibitors of the Response Regulator ArsR Exhibit Bactericidal Activity against. <i>Microorganisms</i> , 2020 , 8,	4.9	7
6	The Pkn22 Ser/Thr kinase in Nostoc PCC 7120: role of FurA and NtcA regulators and transcript profiling under nitrogen starvation and oxidative stress. <i>BMC Genomics</i> , 2015 , 16, 557	4.5	6
5	Pivotal Role of Iron in the Regulation of Cyanobacterial Electron Transport. <i>Advances in Microbial Physiology</i> , 2016 , 68, 169-217	4.4	5
4	The Challenge of Iron Stress in Cyanobacteria 2018 ,		5
3	Regulation by FurC in Anabaena Links the Oxidative Stress Response to Photosynthetic Metabolism. <i>Plant and Cell Physiology</i> , 2019 , 60, 1778-1789	4.9	4
2	Overexpression, immunodetection, and site-directed mutagenesis of Anabaena sp. PCC 7120 flavodoxin: A comprehensive laboratory practice on molecular biology. <i>Biochemistry and Molecular Biology Education</i> , 2018 , 46, 493-501	1.3	2
1	Fighting the Antibiotic Crisis: Flavonoids as Promising Antibacterial Drugs Against Infection. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021 , 11, 709749	5.9	2