

# Andres Gonzalez

## List of Publications by Year in Descending Order

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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	Fighting the Antibiotic Crisis: Flavonoids as Promising Antibacterial Drugs Against Infection. <i>Frontiers in Cellular and Infection Microbiology</i> , <b>2021</b> , 11, 709749	5.9	2
24	Small Molecule Inhibitors of the Response Regulator ArsR Exhibit Bactericidal Activity against. <i>Microorganisms</i> , <b>2020</b> , 8,	4.9	7
23	Regulation by FurC in Anabaena Links the Oxidative Stress Response to Photosynthetic Metabolism. <i>Plant and Cell Physiology</i> , <b>2019</b> , 60, 1778-1789	4.9	4
22	Identifying potential novel drugs against Helicobacter pylori by targeting the essential response regulator HsrA. <i>Scientific Reports</i> , <b>2019</b> , 9, 11294	4.9	20
21	Repurposing Dihydropyridines for Treatment of Infection. <i>Pharmaceutics</i> , <b>2019</b> , 11,	6.4	8
20	Redox-Based Transcriptional Regulation in Prokaryotes: Revisiting Model Mechanisms. <i>Antioxidants and Redox Signaling</i> , <b>2019</b> , 30, 1651-1696	8.4	14
19	Transcriptional regulators: valuable targets for novel antibacterial strategies. <i>Future Medicinal Chemistry</i> , <b>2018</b> , 10, 541-560	4.1	11
18	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> , <b>2018</b> , 46, 493-501	1.3	2
17	The Challenge of Iron Stress in Cyanobacteria <b>2018</b> ,		5
16	Pivotal Role of Iron in the Regulation of Cyanobacterial Electron Transport. <i>Advances in Microbial Physiology</i> , <b>2016</b> , 68, 169-217	4.4	5
15	Expanding the Role of FurA as Essential Global Regulator in Cyanobacteria. <i>PLoS ONE</i> , <b>2016</b> , 11, e0151384	4.7	21
14	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> , <b>2015</b> , 16, 557	4.5	6
13	Zur (FurB) is a key factor in the control of the oxidative stress response in Anabaena sp. PCC 7120. <i>Environmental Microbiology</i> , <b>2015</b> , 17, 2006-17	5.2	14
12	The FurA regulon in Anabaena sp. PCC 7120: in silico prediction and experimental validation of novel target genes. <i>Nucleic Acids Research</i> , <b>2014</b> , 42, 4833-46	20.1	34
11	Sequential binding of FurA from Anabaena sp. PCC 7120 to iron boxes: exploring regulation at the nanoscale. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , <b>2014</b> , 1844, 623-31	4	8
10	Functional Genomics of Metalloregulators in Cyanobacteria. <i>Advances in Botanical Research</i> , <b>2013</b> , 107-156		9
9	FurA influences heterocyst differentiation in Anabaena sp. PCC 7120. <i>FEBS Letters</i> , <b>2013</b> , 587, 2682-90	3.8	14

8	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> , <b>2012</b> , 279, 2231-46	5.7	24
7	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> , <b>2012</b> , 14, 3175-87	5.2	46
6	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> , <b>2011</b> , 168, 2244-50	3.6	22
5	2-oxoglutarate enhances NtcA binding activity to promoter regions of the microcystin synthesis gene cluster. <i>FEBS Letters</i> , <b>2011</b> , 585, 3921-6	3.8	27
4	Identification of three novel antisense RNAs in the fur locus from unicellular cyanobacteria. <i>Microbiology (United Kingdom)</i> , <b>2011</b> , 157, 3398-3404	2.9	20
3	Unravelling the regulatory function of FurA in <i>Anabaena</i> sp. PCC 7120 through 2-D DIGE proteomic analysis. <i>Journal of Proteomics</i> , <b>2011</b> , 74, 660-71	3.9	36
2	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> , <b>2010</b> , 51, 1900-14	4.9	39
1	High-recovery one-step purification of the DNA-binding protein Fur by mild guanidinium chloride treatment. <i>Process Biochemistry</i> , <b>2010</b> , 45, 292-296	4.8	8