

Ignacio Luque

List of Publications by Year in descending order

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33
papers

1,204
citations

430874

18
h-index

395702

33
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34
all docs

34
docs citations

34
times ranked

1285
citing authors

#	ARTICLE	IF	CITATIONS
1	Role of a cryptic tRNA gene operon in survival under translational stress. <i>Nucleic Acids Research</i> , 2021, 49, 8757-8776.	14.5	8
2	The Inorganic Nutrient Regime and the <i>mre</i> Genes Regulate Cell and Filament Size and Morphology in the Phototrophic Multicellular Bacterium <i>Anabaena</i> . <i>MSphere</i> , 2020, 5, .	2.9	8
3	Targeted Quantification of Isoforms of a Thylakoid-Bound Protein: MRM Method Development. <i>Methods in Molecular Biology</i> , 2018, 1696, 147-162.	0.9	17
4	FtsZ of Filamentous, Heterocyst-Forming Cyanobacteria Has a Conserved N-Terminal Peptide Required for Normal FtsZ Polymerization and Cell Division. <i>Frontiers in Microbiology</i> , 2018, 9, 2260.	3.5	24
5	Mechanisms for Protein Redistribution in Thylakoids of <i>Anabaena</i> During Cell Differentiation. <i>Plant and Cell Physiology</i> , 2018, 59, 1860-1873.	3.1	6
6	Sub-Cellular Localization and Complex Formation by Aminoacyl-tRNA Synthetases in Cyanobacteria: Evidence for Interaction of Membrane-Anchored ValRS with ATP Synthase. <i>Frontiers in Microbiology</i> , 2016, 7, 857.	3.5	12
7	Trans-oligomerization of duplicated aminoacyl-tRNA synthetases maintains genetic code fidelity under stress. <i>Nucleic Acids Research</i> , 2015, 43, gkv1020.	14.5	17
8	<i>Zur</i> (<i>FurB</i>) is a key factor in the control of the oxidative stress response in <i>Ala</i> <i>nabaena</i> sp. <i>PCC</i> 7120. <i>Environmental Microbiology</i> , 2015, 17, 2006-2017.	3.8	19
9	RNA isolation from loquat and other recalcitrant woody plants with high quality and yield. <i>Analytical Biochemistry</i> , 2014, 452, 46-53.	2.4	35
10	CURT1,CAAD-containing aARSs, thylakoid curvature and gene translation. <i>Trends in Plant Science</i> , 2014, 19, 63-66.	8.8	10
11	Regulation of Internal Promoters in a Zinc-Responsive Operon Is Influenced by Transcription from Upstream Promoters. <i>Journal of Bacteriology</i> , 2013, 195, 1285-1293.	2.2	13
12	Development and Validation of MRM Methods to Quantify Protein Isoforms of Polyphenol Oxidase in Loquat Fruits. <i>Journal of Proteome Research</i> , 2013, 12, 5709-5722.	3.7	19
13	<i>Prochlorococcus</i> can use the Pro1404 transporter to take up glucose at nanomolar concentrations in the Atlantic Ocean. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 8597-8602.	7.1	72
14	Characterization of the Response to Zinc Deficiency in the Cyanobacterium <i>Anabaena</i> sp. Strain PCC 7120. <i>Journal of Bacteriology</i> , 2012, 194, 2426-2436.	2.2	77
15	Membrane Anchoring of Aminoacyl-tRNA Synthetases by Convergent Acquisition of a Novel Protein Domain. <i>Journal of Biological Chemistry</i> , 2011, 286, 41057-41068.	3.4	15
16	Specific Role of the Cyanobacterial PipX Factor in the Heterocysts of <i>Anabaena</i> sp. Strain PCC 7120. <i>Journal of Bacteriology</i> , 2011, 193, 1172-1182.	2.2	52
17	Proteomics of Multigenic Families from Species Underrepresented in Databases: The Case of Loquat (<i>Eriobotrya japonica</i> Lindl.) Polyphenol Oxidases. <i>Journal of Proteome Research</i> , 2008, 7, 4095-4106.	3.7	16
18	Intraphylum Diversity and Complex Evolution of Cyanobacterial Aminoacyl-tRNA Synthetases. <i>Molecular Biology and Evolution</i> , 2008, 25, 2369-2389.	8.9	23

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19	Regulated expression of glutamyl-tRNA synthetase is directed by a mobile genetic element in the cyanobacterium <i>Tolypothrix</i> sp. PCC 7601. <i>Molecular Microbiology</i> , 2006, 60, 1276-1288.	2.5	14
20	Watering, Fertilization, and Slurry Inoculation Promote Recovery of Biological Crust Function in Degraded Soils. <i>Microbial Ecology</i> , 2006, 52, 365-377.	2.8	84
21	Interactions between the Nitrogen Signal Transduction Protein PII and N-Acetyl Glutamate Kinase in Organisms That Perform Oxygenic Photosynthesis. <i>Journal of Bacteriology</i> , 2004, 186, 3346-3354.	2.2	111
22	In vivo activity of the nitrogen control transcription factor NtcA is subjected to metabolic regulation in <i>Synechococcus</i> sp. strain PCC 7942. <i>FEMS Microbiology Letters</i> , 2004, 236, 47-52.	1.8	29
23	In vivo activity of the nitrogen control transcription factor NtcA is subjected to metabolic regulation in <i>Synechococcus</i> sp. strain PCC 7942. <i>FEMS Microbiology Letters</i> , 2004, 236, 47-52.	1.8	14
24	The NblA protein from the filamentous cyanobacterium <i>Tolypothrix</i> PCC 7601: regulation of its expression and interactions with phycobilisome components. <i>Molecular Microbiology</i> , 2003, 50, 1043-1054.	2.5	34
25	Convergence of two global transcriptional regulators on nitrogen induction of the stress-acclimation gene <i>nblA</i> in the cyanobacterium <i>Synechococcus</i> sp. PCC 7942. <i>Molecular Microbiology</i> , 2002, 41, 937-947.	2.5	61
26	Co-ordinated expression of phycobiliprotein operons in the chromatically adapting cyanobacterium <i>Calothrix</i> PCC 7601: a role for RcaD and RcaG. <i>Molecular Microbiology</i> , 2002, 43, 749-762.	2.5	19
27	Expression of the glutamyl-tRNA synthetase gene from the cyanobacterium <i>Synechococcus</i> sp. PCC 7942 depends on nitrogen availability and the global regulator NtcA. <i>Molecular Microbiology</i> , 2002, 46, 1157-1167.	2.5	16
28	N-terminal determinants of $\hat{I}^{\hat{B}}\hat{B}^{\hat{I}}$ necessary for the cytoplasmic regulation of c-Rel. <i>Oncogene</i> , 2000, 19, 1239-1244.	5.9	9
29	Distinct Domains of $\hat{I}^{\hat{B}}\hat{B}^{\hat{I}}$ Regulate c-Rel in the Cytoplasm and in the Nucleus. <i>Molecular and Cellular Biology</i> , 1998, 18, 1213-1224.	2.3	25
30	Rel/NF- $\hat{I}^{\hat{B}}$ and $\hat{I}^{\hat{B}}$ factors in oncogenesis. <i>Seminars in Cancer Biology</i> , 1997, 8, 103-111.	9.6	143
31	Nitrate and nitrite transport in the cyanobacterium <i>Synechococcus</i> sp. PCC 7942 are mediated by the same permease. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 1994, 1184, 296-298.	1.0	61
32	Nitrite reductase gene from <i>Synechococcus</i> sp. PCC 7942: homology between cyanobacterial and higher-plant nitrite reductases. <i>Plant Molecular Biology</i> , 1993, 21, 1201-1205.	3.9	83
33	Clustering of genes involved in nitrate assimilation in the cyanobacterium <i>Synechococcus</i> . <i>Molecular Genetics and Genomics</i> , 1992, 232, 7-11.	2.4	58