

JesÃ³s A GÃ³mez Ochoa De Alda

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

551
citations

759233

12
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23
g-index

27
all docs

27
docs citations

27
times ranked

700
citing authors

#	ARTICLE	IF	CITATIONS
1	Feasibility of recycling pulp and paper mill sludge in the paper and board industries. <i>Resources, Conservation and Recycling</i> , 2008, 52, 965-972.	10.8	118
2	The plastid ancestor originated among one of the major cyanobacterial lineages. <i>Nature Communications</i> , 2014, 5, 4937.	12.8	83
3	<i>Synechocystis</i> Strain PCC 6803cya2, a Prokaryotic Gene That Encodes a Guanylyl Cyclase. <i>Journal of Bacteriology</i> , 2000, 182, 3839-3842.	2.2	56
4	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
5	Genomic survey of cAMP and cGMP signalling components in the cyanobacterium <i>Synechocystis</i> PCC 6803. <i>Microbiology (United Kingdom)</i> , 2000, 146, 3183-3194.	1.8	33
6	Changes in intracellular amino acids and organic acids induced by nitrogen starvation and nitrate or ammonium resupply in the cyanobacterium <i>Phormidium laminosum</i> . <i>Planta</i> , 1996, 198, 526-531.	3.2	28
7	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
8	Intraphylum Diversity and Complex Evolution of Cyanobacterial Aminoacyl-tRNA Synthetases. <i>Molecular Biology and Evolution</i> , 2008, 25, 2369-2389.	8.9	23
9	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
10	Trans-oligomerization of duplicated aminoacyl-tRNA synthetases maintains genetic code fidelity under stress. <i>Nucleic Acids Research</i> , 2015, 43, gkv1020.	14.5	17
11	Emociones académicas y aprendizaje de biología, una asociación duradera. <i>Enseñanza De Las Ciencias</i> , 2019, 37, 43-61.	0.3	16
12	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
13	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
14	Immunolocalization of NblA, a protein involved in phycobilisome turnover, during heterocyst differentiation in cyanobacteria. <i>Microbiology (United Kingdom)</i> , 2004, 150, 1377-1384.	1.8	11
15	Changes in nitrogen source modify distribution of excitation energy in the cyanobacterium <i>Phormidium laminosum</i> . <i>Physiologia Plantarum</i> , 1996, 97, 69-78.	5.2	10
16	CURT1, CAAD-containing aARs, thylakoid curvature and gene translation. <i>Trends in Plant Science</i> , 2014, 19, 63-66.	8.8	10
17	Role of a cryptic tRNA gene operon in survival under translational stress. <i>Nucleic Acids Research</i> , 2021, 49, 8757-8776.	14.5	8
18	BIOENERGETIC PROCESSES ARE MODIFIED DURING NITROGEN STARVATION AND RECOVERY IN PHORMIDIUM LAMINOSUM (CYANOPHYCEAE)1. <i>Journal of Phycology</i> , 1996, 32, 258-265.	2.3	7

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19	Conocimiento previo, emociones y aprendizaje en una actividad experimental de ciencias. Enseñanza De Las Ciencias, 2022, 40, 107-124.	0.3	7
20	CHANGES IN PHOTOSYNTHETIC YIELD, AMINO ACIDS, AND ORGANIC ACIDS ARE INDUCED BY AMMONIUM ADDITION TO CELLS OF PHORMIDIUM LAMINOSUM (CYANOPHYCEAE)1. Journal of Phycology, 1996, 32, 602-608.	2.3	4
21	Extracción de ADN con material cotidiano: diseño, implementación y validación de una intervención activa interdisciplinar. Educacion Quimica, 2019, 30, 42.	0.1	4
22	Determination of 2-Oxoglutarate in the Presence of Citrate and/or Isocitrate After Ion-Exclusion High-Performance Liquid Chromatography. Analytical Letters, 1995, 28, 1959-1971.	1.8	3
23	Extracción de ADN con material cotidiano: desarrollo de una estrategia interdisciplinar a partir de sus fundamentos científicos. Educacion Quimica, 2019, 30, 58.	0.1	3
24	Valor subjetivo y emociones hacia el uso de Química en una práctica activa interdisciplinar. Educacion Quimica, 2020, 31, 101.	0.1	3
25	Effective detergent/ chlorophyll ratio and detergent concentration in the aqueous phase during solubilization of Phormidium laminosum membranes. Biochimica Et Biophysica Acta - Biomembranes, 1995, 1240, 209-215.	2.6	2
26	Analogías propuestas por futuros maestros para la enseñanza de Biología: implicaciones en la formación inicial. Ápice Revista De Educación Científica, 2021, 5, 73-86.	0.3	1