

Miguel Angel Villalobos-López

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

472
citations

840119

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713013

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26
docs citations

26
times ranked

748
citing authors

#	ARTICLE	IF	CITATIONS
1	Stress Tolerance and Glucose Insensitive Phenotypes in Arabidopsis Overexpressing the CpMYB10 Transcription Factor Gene. <i>Plant Physiology</i> , 2004, 135, 309-324.	2.3	96
2	Chromium Hyper-Tolerant <i>Bacillus</i> sp. MH778713 Assists Phytoremediation of Heavy Metals by Mesquite Trees (<i>Prosopis laevigata</i>). <i>Frontiers in Microbiology</i> , 2019, 10, 1833.	1.5	56
3	Arbuscular Mycorrhizal Symbiosis-Induced Expression Changes in <i>Solanum lycopersicum</i> Leaves Revealed by RNA-seq Analysis. <i>Plant Molecular Biology Reporter</i> , 2016, 34, 89-102.	1.0	54
4	Evolutionary, structural and functional relationships revealed by comparative analysis of syntenic genes in Rhizobiales. <i>BMC Evolutionary Biology</i> , 2005, 5, 55.	3.2	31
5	Betaine aldehyde dehydrogenase from <i>Pseudomonas aeruginosa</i> : cloning, over-expression in <i>Escherichia coli</i> , and regulation by choline and salt. <i>Archives of Microbiology</i> , 2006, 185, 14-22.	1.0	31
6	The Polycyclic Aromatic Hydrocarbon (PAH) degradation activities and genome analysis of a novel strain <i>Stenotrophomonas</i> sp. Pemsol isolated from Mexico. <i>PeerJ</i> , 2020, 8, e8102.	0.9	26
7	Effect of textile dyes on activity and differential regulation of laccase genes from <i>Pleurotus ostreatus</i> grown in submerged fermentation. <i>AMB Express</i> , 2016, 6, 93.	1.4	19
8	Desiccation-induced viable but nonculturable state in <i>Pseudomonas putida</i> KT2440, a survival strategy. <i>PLoS ONE</i> , 2019, 14, e0219554.	1.1	17
9	Nucleotide sequence of the <i>Rhizobium etli</i> nodS gene. <i>Gene</i> , 1994, 150, 201-202.	1.0	12
10	Cloning, overexpression, and purification of glucose-6-phosphate dehydrogenase of <i>Pseudomonas aeruginosa</i> . <i>Protein Expression and Purification</i> , 2018, 142, 53-61.	0.6	12
11	Differential regulation of <i>Pleurotus ostreatus</i> dye peroxidases gene expression in response to dyes and potential application of recombinant Pleos-DyP1 in decolorization. <i>PLoS ONE</i> , 2019, 14, e0209711.	1.1	12
12	Complete Genome Sequence of <i>Stenotrophomonas maltophilia</i> Strain SVIA2, Isolated from Crude Oil-Contaminated Soil in Tabasco, Mexico. <i>Microbiology Resource Announcements</i> , 2019, 8, .	0.3	11
13	The chloroplast genome of the desiccation-tolerant moss <i>Pseudocrossidium replicatum</i> (Taylor) R.H. Zander. <i>Genetics and Molecular Biology</i> , 2019, 42, 488-493.	0.6	10
14	Genome-wide transcriptional changes triggered by water deficit on a drought-tolerant common bean cultivar. <i>BMC Plant Biology</i> , 2020, 20, 525.	1.6	10
15	argC Orthologs from Rhizobiales Show Diverse Profiles of Transcriptional Efficiency and Functionality in <i>Sinorhizobium meliloti</i> . <i>Journal of Bacteriology</i> , 2011, 193, 460-472.	1.0	9
16	Antimicrobial susceptibility pattern of <i>Stenotrophomonas</i> species isolated from Mexico. <i>African Health Sciences</i> , 2020, 20, 168-181.	0.3	9
17	Protonema suspension cultures of the medicinal moss <i>Polytrichum juniperinum</i> . <i>In Vitro Cellular and Developmental Biology - Plant</i> , 2016, 52, 419-426.	0.9	8
18	Draft Genome Sequence of <i>Burkholderia cenocepacia</i> Strain CEIB S5-2, a Methyl Parathion- and p-Nitrophenol-Degrading Bacterium, Isolated from Agricultural Soils in Morelos, Mexico. <i>Genome Announcements</i> , 2016, 4, .	0.8	8

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19	Pseudocrossidium replicatum (Taylor) R.H. Zander is a fully desiccation-tolerant moss that expresses an inducible molecular mechanism in response to severe abiotic stress. <i>Plant Molecular Biology</i> , 2021, 107, 387-404.	2.0	7
20	The decolorization and degradation of azo dyes by two <i>Stenotrophomonas</i> strains isolated from textile effluent (Tepetitla, Mexico). <i>Brazilian Journal of Microbiology</i> , 2021, 52, 1755-1767.	0.8	7
21	The mitogenome of <i>Pseudocrossidium replicatum</i> , a desiccation-tolerant moss. <i>Mitochondrial DNA Part B: Resources</i> , 2020, 5, 2339-2341.	0.2	6
22	Dissection of mechanisms of resistance to <i>Aspergillus flavus</i> and aflatoxin using tropical maize germplasm. <i>World Mycotoxin Journal</i> , 2018, 11, 215-224.	0.8	4
23	Loci identification of a N-acyl homoserine lactone type quorum sensing system and a new LysR-type transcriptional regulator associated with antimicrobial activity and swarming in <i>Burkholderia gladioli</i> UAPS07070. <i>Open Life Sciences</i> , 2019, 14, 165-178.	0.6	3
24	The Actions of Lyophilized Apple Peel on the Electrical Activity and Organization of the Ventricular Syncytium of the Hearts of Diabetic Rats. <i>Journal of Diabetes Research</i> , 2016, 2016, 1-11.	1.0	1
25	High levels of glucose alter <i>Physcomitrella patens</i> metabolism and trigger a differential proteomic response. <i>PLoS ONE</i> , 2020, 15, e0242919.	1.1	0