

Juan C Castro

List of Publications by Year in descending order

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docs citations

24
times ranked

417
citing authors

#	ARTICLE	IF	CITATIONS
1	Plasmodium falciparum Genetic Diversity Maintained and Amplified Over 5 Years of a Low Transmission Endemic in the Peruvian Amazon. Molecular Biology and Evolution, 2011, 28, 1973-1986.	3.5	50
2	Isolation and Characterization of Native Microalgae from the Peruvian Amazon with Potential for Biodiesel Production. Energies, 2017, 10, 224.	1.6	37
3	Association between SLC11A1 polymorphisms and susceptibility to different clinical forms of tuberculosis in the Peruvian population. Infection, Genetics and Evolution, 2006, 6, 361-367.	1.0	30
4	De novo assembly and functional annotation of Myrciaria dubia fruit transcriptome reveals multiple metabolic pathways for L-ascorbic acid biosynthesis. BMC Genomics, 2015, 16, 997.	1.2	25
5	Camu-camuâ€” Myrciaria dubia (Kunth) McVaugh. , 2018, , 97-105.		13
6	Nutritional evaluation and human health-promoting potential of compounds biosynthesized by native microalgae from the Peruvian Amazon. World Journal of Microbiology and Biotechnology, 2020, 36, 121.	1.7	9
7	Genetic diversity and population structure of endangered rosewood from the Peruvian Amazon using ISSR markers. Acta Amazonica, 2020, 50, 204-212.	0.3	8
8	Gene expression and enzyme activities of the D-mannose/L-galactose pathway influence L-ascorbic acid content in Myrciaria dubia. Biologia Plantarum, 2015, 59, 783-787.	1.9	7
9	In-Depth Genetic Diversity and Population Structure of Endangered Peruvian Amazon Rosewood Germplasm Using Genotyping by Sequencing (GBS) Technology. Forests, 2021, 12, 197.	0.9	7
10	INDUCCIOÌN DE LA PRODUCCIOÌN DE LÌPIDOS TOTALES EN MICROALGAS SOMETIDAS A ESTREÌS NUTRITIVO. Acta Biologica Colombiana, 2015, 21, .	0.1	5
11	ISOLATION OF HIGH-QUALITY TOTAL RNA FROM LEAVES OF Myrciaria dubiaâ€œCAMU CAMUâ€œ. Preparative Biochemistry and Biotechnology, 2013, 43, 527-538.	1.0	4
12	POTENCIAL BIOTECNOLÃ“GICO PARA LA PRODUCCIÃ“N SUSTENTABLE DE BIODIESEL DE MICROALGAS OLEAGINOSAS AISLADAS DEL RÃ“O ITAYA, LORETO, PERÃŠ. EcologÃa Aplicada, 2016, 13, 169.	0.2	4
13	Applicability of inter-primer binding site iPBS- retrotransposon marker system for the assessment of genetic diversity and population structure of Peruvian rosewood (Aniba rosaeodora Ducke) germplasm. Molecular Biology Reports, 2022, 49, 2553-2564.	1.0	4
14	Dataset of de novo assembly and functional annotation of the transcriptomes of three native oleaginous microalgae from the Peruvian Amazon. Data in Brief, 2020, 31, 105917.	0.5	2
15	Dataset of de novo assembly and functional annotation of the transcriptome during germination and initial growth of seedlings of Myrciaria Dubia â€œcamu-camuâ€œ. Data in Brief, 2020, 31, 105834.	0.5	2
16	The complete mitochondrial genome of the oleaginous microalgae <i>Ankistrodesmus falcatus</i> strain UCPO01 from the Peruvian Amazon. Mitochondrial DNA Part B: Resources, 2021, 6, 50-52.	0.2	2
17	Isolation, Characterization, and Biotechnological Potential of Native Microalgae From the Peruvian Amazon. , 0, , .		2
18	Myrciaria dubia â€œCamu Camuâ€œFruit: Health-Promoting Phytochemicals and Functional Genomic Characteristics. , 2018, , .		1

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19	Caracterización <i>in silico</i> y análisis de la expresión de la subunidad alfa de la acetil-coenzima A carboxilasa heteromérica de dos microalgas. <i>Acta Biologica Colombiana</i> , 2019, 24, 275-290.	0.1	1
20	Metagenomic 16S rDNA amplicon data on bacterial diversity profiling and its predicted metabolic functions of varillales in Allpahuayo-Mishana National Reserve. <i>Data in Brief</i> , 2020, 30, 105625.	0.5	1
21	Biochemical profiling, transcriptomic analysis, and biotechnological potential of native microalgae from the Peruvian Amazon. , 2022, , 305-321.		1
22	Bioactive Compounds of Camu-Camu (<i>Myrciaria dubia</i> (Kunth) McVaugh). <i>Reference Series in Phytochemistry</i> , 2020, , 1-25.	0.2	0
23	Bioactive Compounds of Camu-Camu (<i>Myrciaria dubia</i> (Kunth) McVaugh). <i>Reference Series in Phytochemistry</i> , 2020, , 329-352.	0.2	0