Juan C Castro

List of Publications by Year
in descending order

23 papers	215 citations	1464605 7 h-index	1255698 13 g-index
24 all docs	24 docs citations	24 times ranked	453 citing authors

#	Article	IF	Citations
1	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
2	Biochemical profiling, transcriptomic analysis, and biotechnological potential of native microalgae from the Peruvian Amazon. , 2022, , 305-321.		1
3	The complete mitochondrial genome of the oleaginous microalgae Ankistrodesmus falcatus strain UCP001 from the Peruvian Amazon. Mitochondrial DNA Part B: Resources, 2021, 6, 50-52.	0.2	2
4	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
5	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
6	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
7	Metagenomic 16S rDNA amplicon data on bacterial diversity profiling and its predicted metabolic functions of varillales in Allpahuayo-Mishana National Reserve. Data in Brief, 2020, 30, 105625.	0.5	1
8	Dataset of de novo assembly and functional annotation of the transcriptome during germination and initial growth of seedlings of Myrciaria Dubia â€œcamu-camuâ€• Data in Brief, 2020, 31, 105834.	0.5	2
9	Genetic diversity and population structure of endangered rosewood from the Peruvian Amazon using ISSR markers. Acta Amazonica, 2020, 50, 204-212.	0.3	8
10	Bioactive Compounds of Camu-Camu (Myrciaria dubia (Kunth) McVaugh). Reference Series in Phytochemistry, 2020, , 1-25.	0.2	0
11	Bioactive Compounds of Camu-Camu (Myrciaria dubia (Kunth) McVaugh). Reference Series in Phytochemistry, 2020, , 329-352.	0.2	0
12	CaracterizaciÃ³n <i>in silico</i> y anÃ¡lisis de la expresiÃ³n de la subunidad alfa de la acetil-coenzima a carboxilasa heteromÃ©rica de dos microalgas. Acta Biologica Colombiana, 2019, 24, 275-290.	0.1	1
13	Myrciaria dubia â€œCamu Camuâ€•Fruit: Health-Promoting Phytochemicals and Functional Genomic Characteristics. , 2018, , .		1
14	Camu-camuâ€” Myrciaria dubia (Kunth) McVaugh. , 2018, , 97-105.		13
15	Isolation and Characterization of Native Microalgae from the Peruvian Amazon with Potential for Biodiesel Production. Energies, 2017, 10, 224.	1.6	37
16	POTENCIAL BIOTECNOLÃ“GICO PARA LA PRODUCCIÃ“N SUSTENTABLE DE BIODIESEL DE MICROALGAS OLEAGINOSAS AISLADAS DEL RÃO ITAYA, LORETO, PERÃš. EcologÃa Aplicada, 2016, 13, 169.	0.2	4
17	INDUCCIÒN DE LA PRODUCCIÒN DE LÌPIDOS TOTALES EN MICROALGAS SOMETIDAS A ESTRÈS NUTRITIVO. Acta Biologica Colombiana, 2015, 21, .	0.1	5
18	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

#	Article	IF	Citations
19	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
20	ISOLATION OF HIGH-QUALITY TOTAL RNA FROM LEAVES OFMyrciaria dubiaâ€œCAMU CAMUâ€• Preparative Biochemistry and Biotechnology, 2013, 43, 527-538.	1.0	4
21	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
22	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
23	Isolation, Characterization, and Biotechnological Potential of Native Microalgae From the Peruvian Amazon. , 0, , .		2