Viji Sitther

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/7227103/publications.pdf

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20	217	1040018 9	1058452 14
papers	citations	h-index	g-index

20	20	20	236
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Genetic characterization of guava (Psidium guajava L.) germplasm in the United States using microsatellite markers. Genetic Resources and Crop Evolution, 2014, 61, 829-839.	1.6	34
2	Enhancing the Performance of Dye Sensitized Solar Cells Using Silver Nanoparticles Modified Photoanode. Molecules, 2020, 25, 4021.	3.8	26
3	Erwinia amylovora Auxotrophic Mutant Exometabolomics and Virulence on Apples. Applied and Environmental Microbiology, 2019, 85, .	3.1	19
4	Evaluation of a grapevine-derived reporter gene system for precision breeding of Vitis. Plant Cell, Tissue and Organ Culture, 2016, 124, 599-609.	2.3	15
5	Fremyella diplosiphon as a Biodiesel Agent: Identification of Fatty Acid Methyl Esters via Microwave-Assisted Direct In Situ Transesterification. Bioenergy Research, 2018, 11, 528-537.	3.9	13
6	Agrobacterium-mediated transformation of Camelina sativa for production of transgenic plants. Journal of Biological Methods, 2018, 5, e83.	0.6	12
7	Augmenting Fremyella diplosiphon Cellular Lipid Content and Unsaturated Fatty Acid Methyl Esters Via Sterol Desaturase Gene Overexpression. Applied Biochemistry and Biotechnology, 2019, 189, 1127-1140.	2.9	11
8	Nanoparticle-Mediated Impact on Growth and Fatty Acid Methyl Ester Composition in the Cyanobacterium Fremyella diplosiphon. Bioenergy Research, 2019, 12, 409-418.	3.9	11
9	Genetic diversity of appleâ€•and crabappleâ€infecting isolates of Venturia inaequalis in Pennsylvania, the United States, determined by microsatellite markers. Forest Pathology, 2018, 48, e12405.	1.1	10
10	A comparison of <scp>UP</scp>â€<scp>PCR</scp> and <scp>RAPD</scp> markers to study genetic diversity of <scp>F</scp>usicladium effusum (G. Winter), cause of pecan scab. Forest Pathology, 2014, 44, 266-275.	1.1	9
11	Impact of Zero-Valent Iron Nanoparticles on Fremyella diplosiphon Transesterified Lipids and Fatty Acid Methyl Esters. ACS Omega, 2020, 5, 12166-12173.	3.5	9
12	Cyanobacteria as a biofuel source: advances and applications. , 2020, , 269-289.		8
13	Overexpression of hlyB and mdh genes confers halotolerance in Fremyella diplosiphon, a freshwater cyanobacterium. Enzyme and Microbial Technology, 2017, 103, 12-17.	3.2	7
14	Zero-Valent Iron Nanoparticles Induce Reactive Oxygen Species in the Cyanobacterium, Fremyella diplosiphon. ACS Omega, 2021, 6, 32730-32738.	3.5	7
15	Earthquake Disaster Resilience: A Framework for Sustainable Gardening in Haitiâ€™s Vulnerable Population. Journal of Hunger and Environmental Nutrition, 2017, 12, 136-149.	1.9	6
16	Identification of a Halotolerant Mutant via In Vitro Mutagenesis in the Cyanobacterium Fremyella diplosiphon. Current Microbiology, 2017, 74, 77-83.	2.2	5
17	Microcystin Levels in Selected Cyanobacteria Exposed to Varying Salinity. Journal of Water Resource and Protection, 2019, 11, 395-403.	0.8	5
18	Antibiotic-Induced Changes in Pigment Accumulation, Photosystem II, and Membrane Permeability in a Model Cyanobacterium. Frontiers in Microbiology, 0, 13, .	3.5	4

#	Article	IF	Citations
19	Nitrogen Deprivation in Fremyella diplosiphon Augments Lipid Production without Affecting Growth. Energies, 2020, 13, 5769.	3.1	3
20	Tissue culture of Indian rosewood (Dalbergia latifolia Roxb.). Biologia (Poland), 2021, 76, 3595-3604.	1.5	3