Viji Sitther

List of Publications by Citations

19 papers	129 citations	7 h-index	10 g-index
20 ext. papers	174 ext. citations	2.8 avg, IF	2.45 L-index

#	Paper	IF	Citations
19	Genetic characterization of guava (Psidium guajava L.) germplasm in the United States using microsatellite markers. *Genetic Resources and Crop Evolution*, **2014**, 61, 829-839	2	22
18	Evaluation of a grapevine-derived reporter gene system for precision breeding of Vitis. *Plant Cell, Tissue and Organ Culture*, **2016**, 124, 599-609	2.7	15
17	Erwinia amylovora Auxotrophic Mutant Exometabolomics and Virulence on Apples. *Applied and Environmental Microbiology*, **2019**, 85,	4.8	12
16	Enhancing the Performance of Dye Sensitized Solar Cells Using Silver Nanoparticles Modified Photoanode. *Molecules*, **2020**, 25,	4.8	11
15	as a biodiesel agent: Identification of fatty acid methyl esters via microwave-assisted direct in situ transesterification. *Bioenergy Research*, **2018**, 11, 528-537	3.1	10
14	Nanoparticle-mediated Impact on Growth and Fatty Acid Methyl Ester Composition in the Cyanobacterium. *Bioenergy Research*, **2019**, 12, 409-418	3.1	9
13	A comparison of UP-PCR and RAPD markers to study genetic diversity of Fusicladium effusum (G. Winter), cause of pecan scab. *Forest Pathology*, **2014**, 44, 266-275	1.2	8
12	Overexpression of hlyB and mdh genes confers halotolerance in Fremyella diplosiphon, a freshwater cyanobacterium. *Enzyme and Microbial Technology*, **2017**, 103, 12-17	3.8	7
11	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	3.2	6
10	-mediated transformation of for production of transgenic plants. *Journal of Biological Methods*, **2018**, 5, e83	1.4	6
9	Identification of a Halotolerant Mutant via In Vitro Mutagenesis in the Cyanobacterium Fremyella diplosiphon. *Current Microbiology*, **2017**, 74, 77-83	2.4	4
8	Cyanobacteria as a biofuel source: advances and applications **2020**, 269-289		4
7	Impact of Zero-Valent Iron Nanoparticles on Transesterified Lipids and Fatty Acid Methyl Esters. *ACS Omega*, **2020**, 5, 12166-12173	3.9	3
6	Genetic diversity of apple- and crabapple-infecting isolates of Venturia inaequalis in Pennsylvania, the United States, determined by microsatellite markers. *Forest Pathology*, **2018**, 48, e12405	1.2	3
5	Microcystin Levels in Selected Cyanobacteria Exposed to Varying Salinity. *Journal of Water Resource and Protection*, **2019**, 11, 395-403	0.7	3
4	Earthquake Disaster Resilience: A Framework for Sustainable Gardening in Haiti's Vulnerable Population. *Journal of Hunger and Environmental Nutrition*, **2017**, 12, 136-149	1.5	2
3	Nitrogen Deprivation in Fremyella diplosiphon Augments Lipid Production without Affecting Growth. *Energies*, **2020**, 13, 5769	3.1	2

2	Zero-Valent Iron Nanoparticles Induce Reactive Oxygen Species in the Cyanobacterium, .. *ACS Omega*, **2021**, 6, 32730-32738	3.9	1
1	Tissue culture of Indian rosewood (Dalbergia latifolia Roxb.). *Biologia (Poland)*,1	1.5	1