

Viji Sittther

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Zero-Valent Iron Nanoparticles Induce Reactive Oxygen Species in the Cyanobacterium, .. <i>ACS Omega</i> , 2021 , 6, 32730-32738	3.9	1
18	Impact of Zero-Valent Iron Nanoparticles on Transesterified Lipids and Fatty Acid Methyl Esters. <i>ACS Omega</i> , 2020 , 5, 12166-12173	3.9	3
17	Cyanobacteria as a biofuel source: advances and applications 2020 , 269-289		4
16	Enhancing the Performance of Dye Sensitized Solar Cells Using Silver Nanoparticles Modified Photoanode. <i>Molecules</i> , 2020 , 25,	4.8	11
15	Nitrogen Deprivation in <i>Fremyella diplosiphon</i> Augments Lipid Production without Affecting Growth. <i>Energies</i> , 2020 , 13, 5769	3.1	2
14	Augmenting <i>Fremyella diplosiphon</i> Cellular Lipid Content and Unsaturated Fatty Acid Methyl Esters Via Sterol Desaturase Gene Overexpression. <i>Applied Biochemistry and Biotechnology</i> , 2019 , 189, 1127-1140	3.2	6
13	<i>Erwinia amylovora</i> Auxotrophic Mutant Exometabolomics and Virulence on Apples. <i>Applied and Environmental Microbiology</i> , 2019 , 85,	4.8	12
12	Nanoparticle-mediated Impact on Growth and Fatty Acid Methyl Ester Composition in the Cyanobacterium. <i>Bioenergy Research</i> , 2019 , 12, 409-418	3.1	9
11	Microcystin Levels in Selected Cyanobacteria Exposed to Varying Salinity. <i>Journal of Water Resource and Protection</i> , 2019 , 11, 395-403	0.7	3
10	Genetic diversity of apple- and crabapple-infecting isolates of <i>Venturia inaequalis</i> in Pennsylvania, the United States, determined by microsatellite markers. <i>Forest Pathology</i> , 2018 , 48, e12405	1.2	3
9	as a biodiesel agent: Identification of fatty acid methyl esters via microwave-assisted direct in situ transesterification. <i>Bioenergy Research</i> , 2018 , 11, 528-537	3.1	10
8	-mediated transformation of for production of transgenic plants. <i>Journal of Biological Methods</i> , 2018 , 5, e83	1.4	6
7	Earthquake Disaster Resilience: A Framework for Sustainable Gardening in Haiti's Vulnerable Population. <i>Journal of Hunger and Environmental Nutrition</i> , 2017 , 12, 136-149	1.5	2
6	Identification of a Halotolerant Mutant via In Vitro Mutagenesis in the Cyanobacterium <i>Fremyella diplosiphon</i> . <i>Current Microbiology</i> , 2017 , 74, 77-83	2.4	4
5	Overexpression of <i>hlyB</i> and <i>mdh</i> genes confers halotolerance in <i>Fremyella diplosiphon</i> , a freshwater cyanobacterium. <i>Enzyme and Microbial Technology</i> , 2017 , 103, 12-17	3.8	7
4	Evaluation of a grapevine-derived reporter gene system for precision breeding of <i>Vitis</i> . <i>Plant Cell, Tissue and Organ Culture</i> , 2016 , 124, 599-609	2.7	15
3	Genetic characterization of guava (<i>Psidium guajava</i> L.) germplasm in the United States using microsatellite markers. <i>Genetic Resources and Crop Evolution</i> , 2014 , 61, 829-839	2	22

2	A comparison of UP-PCR and RAPD markers to study genetic diversity of <i>Fusicladium effusum</i> (G. Winter), cause of pecan scab. <i>Forest Pathology</i> , 2014 , 44, 266-275	1.2	8
1	Tissue culture of Indian rosewood (<i>Dalbergia latifolia</i> Roxb.). <i>Biologia (Poland)</i> ,1	1.5	1