

Supachai Vuttipongchaikij

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

276
citations

1163117

8
h-index

940533

16
g-index

22
all docs

22
docs citations

22
times ranked

500
citing authors

#	ARTICLE	IF	CITATIONS
1	<i>Arabidopsis</i> GT34 family contains five xyloglucan 1,6-xylosyltransferases. <i>New Phytologist</i> , 2012, 195, 585-595.	7.3	64
2	Arabinan Metabolism during Seed Development and Germination in <i>Arabidopsis</i> . <i>Molecular Plant</i> , 2009, 2, 966-976.	8.3	50
3	De novo transcriptome analysis and gene expression profiling of an oleaginous microalga <i>Scenedesmus acutus</i> TISTR8540 during nitrogen deprivation-induced lipid accumulation. <i>Scientific Reports</i> , 2018, 8, 3668.	3.3	35
4	Evaluation of strategies for improving the transgene expression in an oleaginous microalga <i>Scenedesmus acutus</i> . <i>BMC Biotechnology</i> , 2019, 19, 4.	3.3	23
5	Increasing the Triacylglycerol Content in <i>Dunaliella tertiolecta</i> through Isolation of Starch-Deficient Mutants. <i>Journal of Microbiology and Biotechnology</i> , 2016, 26, 854-866.	2.1	23
6	Effects of Sequence and Expression of Eight Anthocyanin Biosynthesis Genes on Floral Coloration in Four <i>Dendrobium</i> Hybrids. <i>Horticulture Journal</i> , 2015, 84, 83-92.	0.8	16
7	Genetic evidence of multiple invasions and a small number of founders of Asian Palmyra palm (<i>Borassus flabellifer</i>) in Thailand. <i>BMC Genetics</i> , 2017, 18, 88.	2.7	10
8	The complete chloroplast genome sequence of Asian Palmyra palm (<i>Borassus flabellifer</i>). <i>BMC Research Notes</i> , 2017, 10, 740.	1.4	8
9	Growth modulation effects of CBM2a under the control of AtEXP4 and CaMV35S promoters in <i>Arabidopsis thaliana</i> , <i>Nicotiana tabacum</i> and <i>Eucalyptus camaldulensis</i> . <i>Transgenic Research</i> , 2017, 26, 447-463.	2.4	6
10	Agrobacterium-mediated transformation of a <i>Eucalyptus camaldulensis</i> tereticornis hybrid using peeled nodal-stem segments with yeast HAL2 for improving salt tolerance. <i>New Forests</i> , 2018, 49, 311-327.	1.7	6
11	Evaluations of the mutagenicity of a pigment extract from bulb culture of <i>Hippeastrum reticulatum</i> . <i>Food and Chemical Toxicology</i> , 2014, 69, 237-243.	3.6	5
12	Gel permeation chromatography-enzyme-linked immunosorbent assay method for systematic mass distribution profiling of plant cell wall matrix polysaccharides. <i>Plant Journal</i> , 2021, 106, 1776-1790.	5.7	5
13	Towards sex identification of Asian Palmyra palm (<i>Borassus flabellifer</i> L.) by DNA fingerprinting, suppression subtractive hybridization and de novo transcriptome sequencing. <i>PeerJ</i> , 2019, 7, e7268.	2.0	4
14	Overexpression of <i>Jatropha curcas</i> ERFVII2 Transcription Factor Confers Low Oxygen Tolerance in Transgenic <i>Arabidopsis</i> by Modulating Expression of Metabolic Enzymes and Multiple Stress-Responsive Genes. <i>Plants</i> , 2020, 9, 1068.	3.5	4
15	Ancient DNA of pigs in Thailand: Evidence of multiple origins of Thai pigs in the late Neolithic period. <i>ScienceAsia</i> , 2013, 39, 456.	0.5	4
16	Cross-genera Transferability of Microsatellite Loci for Asian Palmyra Palm (<i>Borassus flabellifer</i> L.). <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2017, 52, 1164-1167.	1.0	3
17	Cloning, overexpression, and purification of a gene of unknown function of prophage loci from <i>Candidatus Liberibacter asiaticus</i> , the destructive bacterial pathogen of huanglongbing disease in citrus plants. <i>Protein Expression and Purification</i> , 2018, 150, 72-80.	1.3	3
18	C-Methylation controls the biosynthetic programming of alternanapyrone. <i>Organic and Biomolecular Chemistry</i> , 2022, 20, 5050-5054.	2.8	3

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19	Oil Palm Phytochrome-Interacting Factor4 (PIF4) Gene is Conserved and Highly Expressed During Somatic Embryogenesis. HAYATI Journal of Biosciences, 2019, 26, 172.	0.4	2
20	An efficient method for isolating large quantity and high quality RNA from oleaginous microalgae for transcriptome sequencing. Plant OMICS, 2016, 9, 126-135.	0.4	1
21	RNA editing in the chloroplast of Asian Palmyra palm (<i>Borassus flabellifer</i>). Genetics and Molecular Biology, 2019, 42, e20180371.	1.3	1
22	Evaluation of manihot glaziovii scion-cassava understock grafting for cassava growth and root yield during rainy and dry seasons. Journal of Crop Improvement, 0, , 1-14.	1.7	0