Kanyaratt Supaibulwatana

List of Publications by Year
in descending order

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31 papers	831 citations	567247 15 h-index	501174 28 g-index
32 all docs	32 docs citations	32 times ranked	1055 citing authors

#	Article	IF	Citations
1	Variation in terpenoids in leaves of Artemisia annua grown under different LED spectra resulting in diverse antimalarial activities against Plasmodium falciparum. BMC Plant Biology, 2022, 22, 128.	3.6	13
2	Proteomic sensing associated with terpenoid biosynthesis of Artemisia annua L. in response to different artificial light spectra. Journal of Plant Interactions, 2022, 17, 19-32.	2.1	2
3	Enhancement of bioactive compounds in baby leaf Amaranthus tricolor L. using short-term application of UV-B irradiation. Plant Physiology and Biochemistry, 2022, 182, 202-215.	5.8	5
4	A synthetic cytokinin influences the accumulation of leaf soluble sugars and sugar transporters, and enhances the drought adaptability in rice. 3 Biotech, 2021, 11, 369.	2.2	5
5	A Synthetic Cytokinin Improves Photosynthesis in Rice under Drought Stress by Modulating the Abundance of Proteins Related to Stomatal Conductance, Chlorophyll Contents, and Rubisco Activity. Plants, 2020, 9, 1106.	3.5	27
6	The Mode of Cytokinin Functions Assisting Plant Adaptations to Osmotic Stresses. Plants, 2019, 8, 542.	3.5	33
7	Comparative proteomics and protein profile related to phenolic compounds and antioxidant activity in germinated <scp>Oryza sativa</scp> â€˜KDML105â€™ and Thai brown rice â€˜Mali Daengâ€™ for better nutritional value. Journal of the Science of Food and Agriculture, 2018, 98, 566-573.	3.5	16
8	Overexpression of the gibberellin 20-oxidase gene from Torenia fournieri resulted in modified trichome formation and terpenoid metabolities of Artemisia annua L.. Plant Cell, Tissue and Organ Culture, 2017, 129, 223-236.	2.3	19
9	A Phenylurea Cytokinin, CPPU, Elevated Reducing Sugar and Correlated to Andrographolide Contents in Leaves of Andrographis paniculata (Burm. F.) Wall. Ex Nees. Applied Biochemistry and Biotechnology, 2017, 181, 638-649.	2.9	8
10	Horticultural characterization of a tetraploid transgenic plant of Tricyrtis sp. carrying the gibberellin 2-oxidase gene. Plant Biotechnology, 2014, 31, 335-340.	1.0	6
11	T-DNA Insertion Alters the Terpenoid Content Composition and Bioactivity of Transgenic Artemisia annua. Natural Product Communications, 2014, 9, 1934578X1400900.	0.5	1
12	Physiological and comparative proteomic analyses of Thai jasmine rice and two check cultivars in response to drought stress. Journal of Plant Interactions, 2014, 9, 43-55.	2.1	39
13	CPPU elevates photosynthetic abilities, growth performances and yield traits in salt stressed rice (Oryza sativa L. spp. indica) via free proline and sugar accumulation. Pesticide Biochemistry and Physiology, 2014, 108, 27-33.	3.6	9
14	Tetraploid induction of Mitracarpus hirtus L. by colchicine and its characterization including antibacterial activity. Plant Cell, Tissue and Organ Culture, 2014, 117, 381-391.	2.3	27
15	Phytochemical alteration and new occurring compounds in hairy root cultures of Mitracarpus hirtus L. induced by phenylurea cytokinin (CPPU). Plant Cell, Tissue and Organ Culture, 2014, 119, 523-532.	2.3	2
16	Mutagenic effects of heavy-ion beam irradiation on in vitro nodal segments of Artemisia annua L.. Plant Cell, Tissue and Organ Culture, 2014, 119, 131-139.	2.3	10
17	T-DNA insertion alters the terpenoid content composition and bioactivity of transgenic Artemisia annua. Natural Product Communications, 2014, 9, 363-6.	0.5	2
18	Regulation of some carbohydrate metabolism-related genes, starch and soluble sugar contents, photosynthetic activities and yield attributes of two contrasting rice genotypes subjected to salt stress. Protoplasma, 2013, 250, 1157-1167.	2.1	105

#	Article	IF	Citations
19	High-quality reference genes for quantifying the transcriptional responses of Oryza sativa L. (ssp.) Tj ETQq1 1 0.784314 rgBT /Overloc	1.7	29
20	Arbuscular mycorrhiza improved growth performance in Macadamia tetraphylla L. grown under water deficit stress involves soluble sugar and proline accumulation. Plant Growth Regulation, 2013, 69, 285-293.	3.4	115
21	Chemical and Bioactivity Evaluation of the Bark of Neonauclea purpurea. Natural Product Communications, 2012, 7, 1934578X1200700.	0.5	6
22	Enhancement of artemisinin content and biomass in Artemisia annua by exogenous GA3 treatment. Plant Growth Regulation, 2011, 63, 45-54.	3.4	75
23	Genetic manipulation of Japonica rice using the OsBADH1 gene from Indica rice to improve salinity tolerance. Plant Cell, Tissue and Organ Culture, 2011, 104, 79-89.	2.3	40
24	Promoting root induction and growth of in vitro macadamia (Macadamia tetraphylla L. â€˜Keaauâ€™) plantlets using CO2-enriched photoautotrophic conditions. Plant Cell, Tissue and Organ Culture, 2011, 106, 435-444.	2.3	38
25	Expression of Indica rice OsBADH1 gene under salinity stress in transgenic tobacco. Plant Biotechnology Reports, 2010, 4, 75-83.	1.5	49
26	Overexpression of farnesyl pyrophosphate synthase (FPS) gene affected artemisinin content and growth of Artemisia annua L.. Plant Cell, Tissue and Organ Culture, 2010, 103, 255-265.	2.3	84
27	Overproduction of artemisinin in tetraploid <i>Artemisia annua</i> L.. Plant Biotechnology, 2010, 27, 427-433.	1.0	43
28	Direct isolation of female germ units from ovules of Petunia hybrida by enzymatic treatment without releasing somatic protoplasts from ovular tissue. Plant Biotechnology, 2009, 26, 369-375.	1.0	6
29	Gametosomatic hybridization between egg cell protoplast and mesophyll protoplast of Petunia hybrida. Plant Biotechnology, 2009, 26, 377-383.	1.0	4
30	Induction of Meristematic Nodular Calli from Various Explants of Lilium spp. and Long Term Stability in Plant Regeneration Ability and Ploidy Level of the Calli.. Plant Biotechnology, 1998, 15, 95-102.	1.0	8
31	A short-term cooling of root-zone temperature increases bioactive compounds in baby leaf Amaranthus tricolor L.. Frontiers in Plant Science, 0, 13, .	3.6	2