

Kanyaratt Supaibulwatana

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Arbuscular mycorrhiza improved growth performance in <i>Macadamia tetraphylla</i> L. grown under water deficit stress involves soluble sugar and proline accumulation. <i>Plant Growth Regulation</i> , 2013, 69, 285-293.	3.4	115
2	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. <i>Protoplasma</i> , 2013, 250, 1157-1167.	2.1	105
3	Overexpression of farnesyl pyrophosphate synthase (FPS) gene affected artemisinin content and growth of <i>Artemisia annua</i> L.. <i>Plant Cell, Tissue and Organ Culture</i> , 2010, 103, 255-265.	2.3	84
4	Enhancement of artemisinin content and biomass in <i>Artemisia annua</i> by exogenous GA3 treatment. <i>Plant Growth Regulation</i> , 2011, 63, 45-54.	3.4	75
5	Expression of <i>Indica</i> rice OsBADH1 gene under salinity stress in transgenic tobacco. <i>Plant Biotechnology Reports</i> , 2010, 4, 75-83.	1.5	49
6	Overproduction of artemisinin in tetraploid <i>Artemisia annua</i> L.. <i>Plant Biotechnology</i> , 2010, 27, 427-433.	1.0	43
7	Genetic manipulation of Japonica rice using the OsBADH1 gene from <i>Indica</i> rice to improve salinity tolerance. <i>Plant Cell, Tissue and Organ Culture</i> , 2011, 104, 79-89.	2.3	40
8	Physiological and comparative proteomic analyses of Thai jasmine rice and two check cultivars in response to drought stress. <i>Journal of Plant Interactions</i> , 2014, 9, 43-55.	2.1	39
9	Promoting root induction and growth of in vitro macadamia (<i>Macadamia tetraphylla</i> L. â€œKeaauâ€™™) plantlets using CO2-enriched photoautotrophic conditions. <i>Plant Cell, Tissue and Organ Culture</i> , 2011, 106, 435-444.	2.3	38
10	The Mode of Cytokinin Functions Assisting Plant Adaptations to Osmotic Stresses. <i>Plants</i> , 2019, 8, 542.	3.5	33
11	High-quality reference genes for quantifying the transcriptional responses of <i>Oryza sativa</i> L. (ssp.) Tj ETQq1 1 0.784314 rgBT, Overload	1.7	29
12	Tetraploid induction of <i>Mitracarpus hirtus</i> L. by colchicine and its characterization including antibacterial activity. <i>Plant Cell, Tissue and Organ Culture</i> , 2014, 117, 381-391.	2.3	27
13	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. <i>Plants</i> , 2020, 9, 1106.	3.5	27
14	Overexpression of the gibberellin 20-oxidase gene from <i>Torenia fournieri</i> resulted in modified trichome formation and terpenoid metabolites of <i>Artemisia annua</i> L.. <i>Plant Cell, Tissue and Organ Culture</i> , 2017, 129, 223-236.	2.3	19
15	Comparative proteomics and protein profile related to phenolic compounds and antioxidant activity in germinated <i>Oryza sativa</i> â€œKDML105â€™™ and Thai brown rice â€œMali Daengâ€™™ for better nutritional value. <i>Journal of the Science of Food and Agriculture</i> , 2018, 98, 566-573.	3.5	16
16	Variation in terpenoids in leaves of <i>Artemisia annua</i> grown under different LED spectra resulting in diverse antimalarial activities against <i>Plasmodium falciparum</i> . <i>BMC Plant Biology</i> , 2022, 22, 128.	3.6	13
17	Mutagenic effects of heavy-ion beam irradiation on in vitro nodal segments of <i>Artemisia annua</i> L.. <i>Plant Cell, Tissue and Organ Culture</i> , 2014, 119, 131-139.	2.3	10
18	CPPU elevates photosynthetic abilities, growth performances and yield traits in salt stressed rice (<i>Oryza sativa</i> L. spp. indica) via free proline and sugar accumulation. <i>Pesticide Biochemistry and Physiology</i> , 2014, 108, 27-33.	3.6	9

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19	A Phenylurea Cytokinin, CPPU, Elevated Reducing Sugar and Correlated to Andrographolide Contents in Leaves of <i>Andrographis paniculata</i> (Burm. F.) Wall. Ex Nees. <i>Applied Biochemistry and Biotechnology</i> , 2017, 181, 638-649.	2.9	8
20	Induction of Meristematic Nodular Calli from Various Explants of <i>Lilium</i> spp. and Long Term Stability in Plant Regeneration Ability and Ploidy Level of the Calli.. <i>Plant Biotechnology</i> , 1998, 15, 95-102.	1.0	8
21	Direct isolation of female germ units from ovules of <i>Petunia hybrida</i> by enzymatic treatment without releasing somatic protoplasts from ovular tissue. <i>Plant Biotechnology</i> , 2009, 26, 369-375.	1.0	6
22	Chemical and Bioactivity Evaluation of the Bark of <i>Neonauclea purpurea</i> . <i>Natural Product Communications</i> , 2012, 7, 1934578X1200700.	0.5	6
23	Horticultural characterization of a tetraploid transgenic plant of <i>Tricyrtis</i> sp. carrying the gibberellin 2-oxidase gene. <i>Plant Biotechnology</i> , 2014, 31, 335-340.	1.0	6
24	A synthetic cytokinin influences the accumulation of leaf soluble sugars and sugar transporters, and enhances the drought adaptability in rice. <i>3 Biotech</i> , 2021, 11, 369.	2.2	5
25	Enhancement of bioactive compounds in baby leaf <i>Amaranthus tricolor</i> L. using short-term application of UV-B irradiation. <i>Plant Physiology and Biochemistry</i> , 2022, 182, 202-215.	5.8	5
26	Gametosomal hybridization between egg cell protoplast and mesophyll protoplast of <i>Petunia hybrida</i> . <i>Plant Biotechnology</i> , 2009, 26, 377-383.	1.0	4
27	Phytochemical alteration and new occurring compounds in hairy root cultures of <i>Mitracarpus hirtus</i> L. induced by phenylurea cytokinin (CPPU). <i>Plant Cell, Tissue and Organ Culture</i> , 2014, 119, 523-532.	2.3	2
28	T-DNA insertion alters the terpenoid content composition and bioactivity of transgenic <i>Artemisia annua</i> . <i>Natural Product Communications</i> , 2014, 9, 363-6.	0.5	2
29	Proteomic sensing associated with terpenoid biosynthesis of <i>Artemisia annua</i> L. in response to different artificial light spectra. <i>Journal of Plant Interactions</i> , 2022, 17, 19-32.	2.1	2
30	A short-term cooling of root-zone temperature increases bioactive compounds in baby leaf <i>Amaranthus tricolor</i> L.. <i>Frontiers in Plant Science</i> , 0, 13, .	3.6	2
31	T-DNA Insertion Alters the Terpenoid Content Composition and Bioactivity of Transgenic <i>Artemisia annua</i> . <i>Natural Product Communications</i> , 2014, 9, 1934578X1400900.	0.5	1