

# Piyada Theerakulpisut

## List of Publications by Year in descending order

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Version: 2024-02-01

41  
papers

1,804  
citations

516710

16  
h-index

302126

39  
g-index

41  
all docs

41  
docs citations

41  
times ranked

2031  
citing authors

#	ARTICLE	IF	CITATIONS
1	Nanoprimer technology for enhancing germination and starch metabolism of aged rice seeds using phytosynthesized silver nanoparticles. <i>Scientific Reports</i> , 2017, 7, 8263.	3.3	383
2	Exogenous proline and trehalose promote recovery of rice seedlings from salt-stress and differentially modulate antioxidant enzymes and expression of related genes. <i>Journal of Plant Physiology</i> , 2012, 169, 596-604.	3.5	287
3	Environmentally benign synthesis of phytochemicals-capped gold nanoparticles as nanoprimer agent for promoting maize seed germination. <i>Science of the Total Environment</i> , 2016, 573, 1089-1102.	8.0	199
4	Cloning sequencing of Lol p1, the major allergenic protein of rye-grass pollen. <i>FEBS Letters</i> , 1991, 279, 210-215.	2.8	138
5	Physiological and biochemical parameters for evaluation and clustering of rice cultivars differing in salt tolerance at seedling stage. <i>Saudi Journal of Biological Sciences</i> , 2016, 23, 467-477.	3.8	112
6	Effects of roasting degree on radical scavenging activity, phenolics and volatile compounds of Arabica coffee beans ( <i>Coffea arabica</i> L. cv. Catimor). <i>International Journal of Food Science and Technology</i> , 2011, 46, 2287-2296.	2.7	95
7	Effect of shading on yield, sugar content, phenolic acids and antioxidant property of coffee beans ( <i>Coffea Arabica</i> L. cv. Catimor) harvested from north-eastern Thailand. <i>Journal of the Science of Food and Agriculture</i> , 2012, 92, 1956-1963.	3.5	62
8	High Performance of Photosynthesis and Osmotic Adjustment Are Associated With Salt Tolerance Ability in Rice Carrying Drought Tolerance QTL: Physiological and Co-expression Network Analysis. <i>Frontiers in Plant Science</i> , 2018, 9, 1135.	3.6	58
9	Alleviation of Salt Stress in Seedlings of Black Glutinous Rice by Seed Priming with Spermidine and Gibberellic Acid. <i>Notulae Botanicae Horti Agrobotanici Cluj-Napoca</i> , 2014, 42, 405-413.	1.1	49
10	Cloning, expression and immunological characterization of Ory s 1, the major allergen of rice pollen. <i>Gene</i> , 1995, 164, 255-259.	2.2	41
11	Salt-responsive mechanisms in chromosome segment substitution lines of rice ( <i>Oryza sativa</i> L. cv.) Tj ETQq1 1 0.784314 rgBT /Overlook	5.8	36
12	Physiological Responses under Drought Stress of Improved Drought-Tolerant Rice Lines and their Parents. <i>Notulae Botanicae Horti Agrobotanici Cluj-Napoca</i> , 2018, 46, 679-687.	1.1	36
13	Title is missing!. <i>ScienceAsia</i> , 2005, 31, 403.	0.5	36
14	Effects of Salt Stress after Late Booting Stage on Yield and Antioxidant Capacity in Pigmented Rice Grains and Alleviation of the Salt-Induced Yield Reduction by Exogenous Spermidine. <i>Plant Production Science</i> , 2015, 18, 32-42.	2.0	30
15	Growth rates and yields of cassava at different planting dates in a tropical savanna climate. <i>Scientia Agricola</i> , 2019, 76, 376-388.	1.2	26
16	Physiological changes during development of rice ( <i>Oryza sativa</i> L.) varieties differing in salt tolerance under saline field condition. <i>Plant and Soil</i> , 2013, 370, 89-101.	3.7	22
17	Seasonal Variation in Starch Accumulation and Starch Granule Size in Cassava Genotypes in a Tropical Savanna Climate. <i>Agronomy</i> , 2018, 8, 297.	3.0	18
18	Compatibility of inter-specific crosses between <i>Capsicum chinense</i> Jacq. and <i>Capsicum baccatum</i> L. at different fertilization stages. <i>Scientia Horticulturae</i> , 2014, 179, 9-15.	3.6	16

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19	Isolation and Developmental Expression of Bcp1, an Anther-Specific cDNA Clone in <i>Brassica campestris</i> . <i>Plant Cell</i> , 1991, 3, 1073.	6.6	15
20	Seasonal Variations in Canopy Size and Yield of Rayong 9 Cassava Genotype under Rainfed and Irrigated Conditions. <i>Agronomy</i> , 2019, 9, 362.	3.0	15
21	Seasonal Variation in Diurnal Photosynthesis and Chlorophyll Fluorescence of Four Genotypes of Cassava ( <i>Manihot esculenta</i> Crantz) under Irrigation Conditions in a Tropical Savanna Climate. <i>Agronomy</i> , 2019, 9, 206.	3.0	15
22	The Impact of Seasonal Environments in a Tropical Savanna Climate on Forking, Leaf Area Index, and Biomass of Cassava Genotypes. <i>Agronomy</i> , 2019, 9, 19.	3.0	13
23	Identification of RAPD and SCAR markers linked to northern leaf blight resistance in waxy corn ( <i>Zea mays</i> L.) inbred line BTx623. <i>Plant Breeding</i> , 2011, 131, 111-117.	1.2	11
24	Differential Proteins Expressed in Rice Leaves and Grains in Response to Salinity and Exogenous Spermidine Treatments. <i>Rice Science</i> , 2016, 23, 9-21.	3.9	9
25	Physiology, Growth and Yield of Different Cassava Genotypes Planted in Upland with Dry Environment during High Storage Root Accumulation Stage. <i>Agronomy</i> , 2020, 10, 576.	3.0	9
26	Starch Accumulation and Granule Size Distribution of Cassava cv. Rayong 9 Grown under Irrigated and Rainfed Conditions Using Different Growing Seasons. <i>Agronomy</i> , 2020, 10, 412.	3.0	9
27	High Temperature Alters Leaf Lipid Membrane Composition Associated with Photochemistry of PSII and Membrane Thermostability in Rice Seedlings. <i>Plants</i> , 2022, 11, 1454.	3.5	9
28	Pollen morphology of <i>Verbascum thapsus</i> L. (Scrophulariaceae) in Northern and Central Iraq. <i>Bangladesh Journal of Plant Taxonomy</i> , 2014, 21, 159-165.	0.2	8
29	Performance of the CSM "MANIHOT" Cassava model for simulating planting date response of cassava genotypes. <i>Field Crops Research</i> , 2021, 264, 108073.	5.1	7
30	Variation in leaf anatomical characteristics in chromosomal segment substitution lines of KDML105 carrying drought tolerant QTL segments. <i>ScienceAsia</i> , 2018, 44, 197.	0.5	7
31	Canopy Structure and Photosynthetic Performance of Irrigated Cassava Genotypes Growing in Different Seasons in a Tropical Savanna Climate. <i>Agronomy</i> , 2020, 10, 2018.	3.0	5
32	Physiological evaluation for salt tolerance in green and purple leaf color rice cultivars at seedling stage. <i>Physiology and Molecular Biology of Plants</i> , 2021, 27, 2819-2832.	3.1	5
33	Pollen morphology of the genus <i>Cornukaempferia</i> (Zingiberaceae) in Thailand. <i>Journal of Systematics and Evolution</i> , 2009, 47, 139-143.	3.1	4
34	Seasonal Variation in Canopy Size, Light Penetration and Photosynthesis of Three Cassava Genotypes with Different Canopy Architectures. <i>Agronomy</i> , 2020, 10, 1554.	3.0	4
35	Genetic diversity of citrus (Rutaceae) in Iraq based on random amplified polymorphic DNA (RAPD) markers. <i>African Journal of Agricultural Research</i> Vol Pp, 2014, 9, 1012-1019.	0.5	3
36	Effect of short-term heat exposure on physiological traits of indica rice at grain-filling stage. <i>Acta Physiologiae Plantarum</i> , 2018, 40, 1.	2.1	3

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37	Identifying Suitable Genotypes for Different Cassava Production Environmentsâ€”A Modeling Approach. <i>Agronomy</i> , 2021, 11, 1372.	3.0	3
38	Spermidine priming promotes germination of deteriorated seeds and reduced salt stressed damage in rice seedlings. <i>Notulae Botanicae Horti Agrobotanici Cluj-Napoca</i> , 2021, 49, 12130.	1.1	2
39	Quantitative Evaluation of Macro-Nutrient Uptake by Cassava in a Tropical Savanna Climate. <i>Agriculture (Switzerland)</i> , 2021, 11, 1199.	3.1	2
40	Accumulation Dynamics of Starch and Its Granule Size Distribution of Cassava Genotypes at Different Growing Seasons. <i>Agriculture (Switzerland)</i> , 2020, 10, 380.	3.1	1
41	Light Interception and Radiation Use Efficiency of Cassava under Irrigated and Rainfed Conditions and Seasonal Variations. <i>Agriculture (Switzerland)</i> , 2022, 12, 725.	3.1	1