

Chun-Neng Wang

List of Publications by Year in descending order

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Version: 2024-02-01

52
papers

1,712
citations

361413

20
h-index

289244

40
g-index

56
all docs

56
docs citations

56
times ranked

1989
citing authors

#	ARTICLE	IF	CITATIONS
1	A Heat-Inducible Transcription Factor, HsfA2, Is Required for Extension of Acquired Thermotolerance in Arabidopsis. <i>Plant Physiology</i> , 2007, 143, 251-262.	4.8	551
2	First insights into fern matK phylogeny. <i>Molecular Phylogenetics and Evolution</i> , 2011, 59, 556-566.	2.7	127
3	Flower development of <i>Phalaenopsis</i> orchid involves functionally divergent <i>SEPALLATA</i> -like genes. <i>New Phytologist</i> , 2014, 202, 1024-1042.	7.3	113
4	Refugia and phylogeography of <i>Taiwania</i> in East Asia. <i>Journal of Biogeography</i> , 2011, 38, 1992-2005.	3.0	82
5	Historical connectivity, contemporary isolation and local adaptation in a widespread but discontinuously distributed species endemic to Taiwan, <i>Rhododendron oldhamii</i> (Ericaceae). <i>Heredity</i> , 2013, 111, 147-156.	2.6	60
6	Phylogenetic Position of <i>Titanotrichum oldhamii</i> (Gesneriaceae) Inferred From Four Different Gene Regions. <i>Systematic Botany</i> , 2004, 29, 407-418.	0.5	55
7	Quantifying floral shape variation in 3D using microcomputed tomography: a case study of a hybrid line between actinomorphic and zygomorphic flowers. <i>Frontiers in Plant Science</i> , 2015, 6, 724.	3.6	45
8	Identifying a mysterious aquatic fern gametophyte. <i>Plant Systematics and Evolution</i> , 2009, 281, 77-86.	0.9	44
9	MicroRNA396-Targeted <i>SHORT VEGETATIVE PHASE</i> Is Required to Repress Flowering and Is Related to the Development of Abnormal Flower Symptoms by the Phyllody Symptoms1 Effector. <i>Plant Physiology</i> , 2015, 168, 1702-1716.	4.8	44
10	Integrating a comprehensive <i>DNA</i> barcode reference library with a global map of yews (<i>Taxus</i> L.) for forensic identification. <i>Molecular Ecology Resources</i> , 2018, 18, 1115-1131.	4.8	38
11	Tissue-free PCR, a rapid and extraction-free method for barcoding of ferns. <i>Molecular Ecology Resources</i> , 2010, 10, 92-95.	4.8	37
12	Altered expression of GFLO, the Gesneriaceae homologue of FLORICAULA/LEAFY, is associated with the transition to bulbil formation in <i>Titanotrichum oldhamii</i> . <i>Development Genes and Evolution</i> , 2004, 214, 122-127.	0.9	36
13	Historical biogeography of the fern genus <i>Deparia</i> (Athyriaceae) and its relation with polyploidy. <i>Molecular Phylogenetics and Evolution</i> , 2016, 104, 123-134.	2.7	36
14	Meristem fate and bulbil formation in <i>Titanotrichum</i> (Gesneriaceae). <i>American Journal of Botany</i> , 2003, 90, 1696-1707.	1.7	34
15	Association between Petal Form Variation and <i>CYC2</i> -like Genotype in a Hybrid Line of <i>Sinningia speciosa</i> . <i>Frontiers in Plant Science</i> , 2017, 8, 558.	3.6	31
16	Population Genetic Structure of <i>Titanotrichum oldhamii</i> (Gesneriaceae), a Subtropical Bulbiliferous Plant with Mixed Sexual and Asexual Reproduction. <i>Annals of Botany</i> , 2004, 93, 201-209.	2.9	30
17	The Contribution of Neutral and Environmentally Dependent Processes in Driving Population and Lineage Divergence in <i>Taiwania</i> (<i>Taiwania cryptomerioides</i>). <i>Frontiers in Plant Science</i> , 2018, 9, 1148.	3.6	27
18	Quantitative analysis of floral symmetry and tube dilation in an F2 cross of <i>Sinningia speciosa</i> . <i>Scientia Horticulturae</i> , 2015, 188, 71-77.	3.6	23

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19	Molecular population genetics and gene expression analysis of duplicated CBF genes of <i>Arabidopsis thaliana</i> . <i>BMC Plant Biology</i> , 2008, 8, 111.	3.6	22
20	A complex case of simple leaves: indeterminate leaves co-express ARP and KNOX1 genes. <i>Development Genes and Evolution</i> , 2010, 220, 25-40.	0.9	22
21	Organelle Genome Inheritance in <i>Deparia</i> Ferns (Athryiaceae, Aspleniineae, Polypodiales). <i>Frontiers in Plant Science</i> , 2018, 9, 486.	3.6	21
22	Evolution of Terpene Synthases in Orchidaceae. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6947.	4.1	19
23	The evolution of genome size and distinct distribution patterns of rDNA in <i>Phalaenopsis</i> (Orchidaceae). <i>Botanical Journal of the Linnean Society</i> , 2017, 185, 65-80.	1.6	17
24	The Hybrid Origin of <i>Adiantum meishanianum</i> (Pteridaceae): A Rare and Endemic Species in Taiwan. <i>Systematic Botany</i> , 2014, 39, 1034-1041.	0.5	16
25	A Taxonomic Revision of the <i>Kerivoula hardwickii</i> Complex (Chiroptera: Vespertilionidae) with the Description of a New Species. <i>Acta Chiropterologica</i> , 2017, 19, 19.	0.6	14
26	Light as environmental regulator for germination and macrocotyledon development in <i>Streptocarpus rexii</i> (Gesneriaceae). <i>South African Journal of Botany</i> , 2012, 81, 50-60.	2.5	13
27	Genetic Analysis of Floral Symmetry Transition in African Violet Suggests the Involvement of Trans-acting Factor for CYCLOIDEA Expression Shifts. <i>Frontiers in Plant Science</i> , 2018, 9, 1008.	3.6	13
28	Aspects of sexual failure in the reproductive processes of a rare bulbiferous plant, <i>Titanotrichum oldhamii</i> (Gesneriaceae), in subtropical Asia. <i>Sexual Plant Reproduction</i> , 2004, 17, 23-31.	2.2	11
29	Development of PCR primer sets for intron 1 of the low-copy gene LEAFY in Davalliaceae. <i>American Journal of Botany</i> , 2012, 99, e223-e225.	1.7	11
30	Floral Color Diversity: How Are Signals Shaped by Elevational Gradient on the Tropical-Subtropical Mountainous Island of Taiwan?. <i>Frontiers in Plant Science</i> , 2020, 11, 582784.	3.6	11
31	From shoot to leaf: step-wise shifts in meristem and KNOX1 activity correlate with the evolution of a unifoliate body plan in Gesneriaceae. <i>Development Genes and Evolution</i> , 2017, 227, 41-60.	0.9	10
32	A Revised Framework of <i>Dryopteris</i> Subg. <i>Nothoperanema</i> (Dryopteridaceae) Inferred from Phylogenetic Evidence, with Descriptions of Two New Sections. <i>Systematic Botany</i> , 2016, 41, 596-605.	0.5	9
33	Morphological characterization of infra-generic lineages in <i>Deparia</i> (Athryiaceae: Polypodiales). <i>Cladistics</i> , 2018, 34, 78-92.	3.3	9
34	Expression shifts of floral symmetry genes correlate to flower actinomorphy in East Asia endemic <i>Conandron ramondioides</i> (Gesneriaceae). , 2018, 59, 24.		9
35	Gibberellin as a suppressor of lateral dominance and inducer of apical growth in the unifoliate <i>Streptocarpus wendlandii</i> (Gesneriaceae). <i>New Zealand Journal of Botany</i> , 2012, 50, 267-287.	1.1	6
36	GA2 and GA20-oxidase expressions are associated with the meristem position in <i>Streptocarpus rexii</i> (Gesneriaceae). <i>Plant Growth Regulation</i> , 2014, 72, 123-140.	3.4	6

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37	Quantifying colour and spot characteristics for the ventral petals in <i>Sinningia speciosa</i> . <i>Biosystems Engineering</i> , 2018, 167, 40-50.	4.3	5
38	Phylogenetic analyses of <i>Bradyrhizobium</i> symbionts associated with invasive <i>Crotalaria zanzibarica</i> and its coexisting legumes in Taiwan. <i>Systematic and Applied Microbiology</i> , 2018, 41, 619-628.	2.8	5
39	Gene duplication and relaxation from selective constraints of GCYC genes correlated with various floral symmetry patterns in Asiatic Gesneriaceae tribe Trichosporeae. <i>PLoS ONE</i> , 2019, 14, e0210054.	2.5	5
40	Effective pollination of <i>Aeschynanthus acuminatus</i> (Gesneriaceae) by generalist passerines, in sunbird-absent East Asia. <i>Scientific Reports</i> , 2019, 9, 17552.	3.3	5
41	Cytokinin biosynthesis ISOPENTENYLTRANSFERASE genes are differentially expressed during phyllomorph development in the acaulescent <i>Streptocarpus rexii</i> (Gesneriaceae). <i>South African Journal of Botany</i> , 2017, 109, 96-111.	2.5	4
42	Infrageneric Revision of the Fern Genus <i>Deparia</i> (Athyriaceae, Aspleniineae, Polypodiales). <i>Systematic Botany</i> , 2018, 43, 645-655.	0.5	4
43	Stress associated proteins coordinate the activation of comprehensive antiviral immunity in <i>Phalaenopsis</i> orchids. <i>New Phytologist</i> , 2022, 233, 145-155.	7.3	4
44	Shoot regeneration process and optimization of <i>Agrobacterium</i> -mediated transformation in <i>Sinningia speciosa</i> . <i>Plant Cell, Tissue and Organ Culture</i> , 2018, 134, 301-316.	2.3	3
45	Genetic Diversity of a Novel Oil Crop, <i>Camellia brevistyla</i> , Revealed by ISSR DNA Markers. <i>Horticultural Science and Technology</i> , 2017, 35, 588-598.	0.6	3
46	Silencing of PhLA, a CIN-TCP gene, causes defected petal conical epidermal cell formation and results in reflexed corolla lobes in <i>petunia</i> . , 2020, 61, 24.		2
47	Transcriptomic Analysis Suggests Auxin Regulation in Dorsal-Ventral Petal Asymmetry of Wild Progenitor <i>Sinningia speciosa</i> . <i>International Journal of Molecular Sciences</i> , 2022, 23, 2073.	4.1	2
48	Development of a petal protoplast transfection system for <i>Sinningia speciosa</i> . <i>Applications in Plant Sciences</i> , 2022, 10, .	2.1	1
49	15-P013 Inheritance and molecular genetics of floral symmetry in Darwin's <i>Gloxinia peloria</i> (<i>Sinningia</i>) Tj ETQq _{1,1} 0.7843 ₁₄ rgBT		0
50	Quantitative Evaluation of the Floral Shape Variation in <i>Sinningia Speciosa</i> Domestication. , 2013, , .		0
51	Three-dimensional Shape Variation Analysis on <i>Sinningia Speciosa</i> Flowers. , 2014, , .		0
52	QUANTITATIVE ASSESSMENT OF ANISOCOTYLY IN <i>HABERLEA RHODOPENSIS</i> AND <i>RAMONDA MYCONI</i> . <i>Edinburgh Journal of Botany</i> , 2019, 76, 377-391.	0.4	0