

Fadi Chen

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

167
papers

2,821
citations

30
h-index

41
g-index

178
ext. papers

3,833
ext. citations

4.8
avg, IF

5.14
L-index

#	Paper	IF	Citations
167	An Eruption of LTR Retrotransposons in the Autopolyploid Genomes of (Asteraceae).. <i>Plants</i> , 2022 , 11,	4.5	1
166	Long-distance transport RNAs between rootstocks and scions and graft hybridization.. <i>Planta</i> , 2022 , 255, 96	4.7	2
165	Transcriptome Analysis Reveals Genes Respond to Chlorophyll Deficiency in Green and Yellow Leaves of <i>Chrysanthemum morifolium</i> Ramat. <i>Horticulturae</i> , 2022 , 8, 14	2.5	0
164	CmSCL4 and CmR1MYB1 synergistically enhance the drought tolerance by regulation of ABA signaling in chrysanthemum. <i>Environmental and Experimental Botany</i> , 2022 , 104886	5.9	
163	Dynamic regulation of volatile terpenoid production and emission from <i>Chrysanthemum morifolium</i> capitula.. <i>Plant Physiology and Biochemistry</i> , 2022 , 182, 11-21	5.4	0
162	Genetic Diversity and Genome-Wide Association Study of Architectural Traits of Spray Cut <i>Chrysanthemum</i> Varieties. <i>Horticulturae</i> , 2022 , 8, 458	2.5	0
161	Uneven Levels of 5S and 45S rDNA Site Number and Loci Variations across Wild <i>Chrysanthemum</i> Accessions. <i>Genes</i> , 2022 , 13, 894	4.2	0
160	Exploring the Relationship between Trichome and Terpene Chemistry in <i>Chrysanthemum</i> . <i>Plants</i> , 2022 , 11, 1410	4.5	
159	A novel transcription factor CmMYB012 inhibits flavone and anthocyanin biosynthesis in response to high temperatures in chrysanthemum. <i>Horticulture Research</i> , 2021 , 8, 248	7.7	5
158	Effects of Inorganic, Organic and Bio-Organic Fertilizer on Growth, Rhizosphere Soil Microflora and Soil Function Sustainability in <i>Chrysanthemum</i> Monoculture. <i>Agriculture (Switzerland)</i> , 2021 , 11, 1214	3	1
157	Diversity and Biosynthesis of Volatile Terpenoid Secondary Metabolites in the <i>Chrysanthemum</i> Genus. <i>Critical Reviews in Plant Sciences</i> , 2021 , 40, 422-445	5.6	2
156	CmMYB9a activates floral coloration by positively regulating anthocyanin biosynthesis in chrysanthemum. <i>Plant Molecular Biology</i> , 2021 , 1	4.6	2
155	CmRCD1 represses flowering by directly interacting with CmBBX8 in summer chrysanthemum. <i>Horticulture Research</i> , 2021 , 8, 79	7.7	1
154	Overexpression of the CmJAZ1-like gene delays flowering in <i>Chrysanthemum morifolium</i> . <i>Horticulture Research</i> , 2021 , 8, 87	7.7	11
153	CmMLO17 and its partner CmKIC potentially support <i>Alternaria alternata</i> growth in <i>Chrysanthemum morifolium</i> . <i>Horticulture Research</i> , 2021 , 8, 101	7.7	2
152	Integrated Signals of Jasmonates, Sugars, Cytokinins and Auxin Influence the Initial Growth of the Second Buds of <i>Chrysanthemum</i> after Decapitation. <i>Biology</i> , 2021 , 10,	4.9	5
151	Transcriptome analysis reveals Vernalization is independent of cold acclimation in <i>Arabidopsis</i> . <i>BMC Genomics</i> , 2021 , 22, 462	4.5	3

150	Identification of 5S and 45S rDNA sites in Chrysanthemum species by using oligonucleotide fluorescence in situ hybridization (Oligo-FISH). <i>Molecular Biology Reports</i> , 2021 , 48, 21-31	2.8	5
149	Dual species dynamic transcripts reveal the interaction mechanisms between Chrysanthemum morifolium and <i>Alternaria alternata</i> . <i>BMC Genomics</i> , 2021 , 22, 523	4.5	1
148	The transcription factor CmLEC1 positively regulates the seed-setting rate in hybridization breeding of chrysanthemum. <i>Horticulture Research</i> , 2021 , 8, 191	7.7	0
147	A Novel Lateral Organ Boundary-domain Factor CmLBD2 Positively Regulates Pollen Development by Activating CmACOS5 in Chrysanthemum morifolium. <i>Plant and Cell Physiology</i> , 2021 , 62, 1687-1701	4.9	2
146	Concentration-dependent emission of floral scent terpenoids from diverse cultivars of Chrysanthemum morifolium and their wild relatives. <i>Plant Science</i> , 2021 , 309, 110959	5.3	2
145	Labour-saving construction of a target protein interaction network by selective culture and high-throughput sequencing. <i>Biotechnology Journal</i> , 2021 , 16, e2100204	5.6	0
144	Herbivory-Induced Emission of Volatile Terpenes in Functions as an Indirect Defense against Larvae by Attracting Natural Enemies. <i>Journal of Agricultural and Food Chemistry</i> , 2021 , 69, 9743-9753	5.7	2
143	Physiological and Transcripts Analyses Reveal the Mechanism by Which Melatonin Alleviates Heat Stress in Chrysanthemum Seedlings. <i>Frontiers in Plant Science</i> , 2021 , 12, 673236	6.2	5
142	Functional identification of a flavone synthase and a flavonol synthase genes affecting flower color formation in Chrysanthemum morifolium. <i>Plant Physiology and Biochemistry</i> , 2021 , 166, 1109-1120	5.4	2
141	Diverse Terpenoids and Their Associated Antifungal Properties from Roots of Different Cultivars of Ramat. <i>Molecules</i> , 2020 , 25,	4.8	7
140	The core regulatory networks and hub genes regulating flower development in Chrysanthemum morifolium. <i>Plant Molecular Biology</i> , 2020 , 103, 669-688	4.6	5
139	A temporal gene expression map of Chrysanthemum leaves infected with reveals different stages of defense mechanisms. <i>Horticulture Research</i> , 2020 , 7, 23	7.7	11
138	Regulation of flowering time in chrysanthemum by the R2R3 MYB transcription factor is associated with changes in gibberellin metabolism. <i>Horticulture Research</i> , 2020 , 7, 96	7.7	12
137	Chrysanthemum negatively regulates the resistance of chrysanthemum to the aphid. <i>Horticulture Research</i> , 2020 , 7, 109	7.7	5
136	Ubiquitin E3 Ligase AaBre1 Responsible for H2B Monoubiquitination Is Involved in Hyphal Growth, Conidiation and Pathogenicity in. <i>Genes</i> , 2020 , 11,	4.2	1
135	Deep tillage combined with biofertilizer following soil fumigation improved chrysanthemum growth by regulating the soil microbiome. <i>MicrobiologyOpen</i> , 2020 , 9, e1045	3.4	5
134	Physiological and transcriptome changes induced by exogenous putrescine in anthurium under chilling stress. <i>Botanical Studies</i> , 2020 , 61, 28	2.3	3
133	CmMYB8 encodes an R2R3 MYB transcription factor which represses lignin and flavonoid synthesis in chrysanthemum. <i>Plant Physiology and Biochemistry</i> , 2020 , 149, 217-224	5.4	13

132	Evaluation of a Yeast Two-Hybrid Library by High-Throughput Sequencing. <i>Journal of Proteome Research</i> , 2020 , 19, 3567-3572	5.6	2
131	Chrysanthemum (<i>Chrysanthemum morifolium</i>) CmICE2 conferred freezing tolerance in Arabidopsis. <i>Plant Physiology and Biochemistry</i> , 2020 , 146, 31-41	5.4	9
130	Overexpression of CmSOS1 confers waterlogging tolerance in Chrysanthemum. <i>Journal of Integrative Plant Biology</i> , 2020 , 62, 1059-1064	8.3	7
129	Genetic characterization of anemone-type chrysanthemum (<i>Chrysanthemum morifolium</i>) using floral morphology and SRAP markers. <i>Plant Breeding</i> , 2020 , 139, 419-427	2.4	1
128	CmBBX8 accelerates flowering by targeting CmFTL1 directly in summer chrysanthemum. <i>Plant Biotechnology Journal</i> , 2020 , 18, 1562-1572	11.6	13
127	Characterization of an APETALA1 and a FRUITFUL-like homolog in chrysanthemum. <i>Scientia Horticulturae</i> , 2020 , 272, 109518	4.1	1
126	Small-scale alpine topography at low latitudes and high altitudes: refuge areas of the genus <i>Chrysanthemum</i> and its allies. <i>Horticulture Research</i> , 2020 , 7, 184	7.7	8
125	Heterologous expression of chrysanthemum TOPLESS corepressor CmTPL1-1 alters meristem maintenance and organ development in <i>Arabidopsis thaliana</i> . <i>Plant Physiology and Biochemistry</i> , 2020 , 157, 256-263	5.4	0
124	is a regulator of boundary formation in chrysanthemum ray florets. <i>Horticulture Research</i> , 2020 , 7, 129	7.7	8
123	Genetic dissection of floral traits in anemone-type chrysanthemum by QTL mapping. <i>Molecular Breeding</i> , 2019 , 39, 1	3.4	2
122	Current achievements and future prospects in the genetic breeding of chrysanthemum: a review. <i>Horticulture Research</i> , 2019 , 6, 109	7.7	47
121	Identification of favorable SNP alleles and candidate genes responsible for inflorescence-related traits via GWAS in chrysanthemum. <i>Plant Molecular Biology</i> , 2019 , 99, 407-420	4.6	13
120	Genome-wide association study identifies favorable SNP alleles and candidate genes for waterlogging tolerance in chrysanthemums. <i>Horticulture Research</i> , 2019 , 6, 21	7.7	22
119	A single residue change in the product of the chrysanthemum gene TPL1-2 leads to a failure in its repression of flowering. <i>Plant Science</i> , 2019 , 285, 165-174	5.3	3
118	Strigolactone represses the synthesis of melatonin, thereby inducing floral transition in <i>Arabidopsis thaliana</i> in an FLC-dependent manner. <i>Journal of Pineal Research</i> , 2019 , 67, e12582	10.4	23
117	Genetic variation and QTL mapping for cold tolerance in a chrysanthemum F1 population at different growth stages. <i>Euphytica</i> , 2019 , 215, 1	2.1	1
116	Comprehensive characterization of a floral mutant reveals the mechanism of hooked petal morphogenesis in <i>Chrysanthemum morifolium</i> . <i>Plant Biotechnology Journal</i> , 2019 , 17, 2325-2340	11.6	12
115	Genetic variation and development of a SCAR marker of anemone-type flower in chrysanthemum. <i>Molecular Breeding</i> , 2019 , 39, 1	3.4	5

114	Overexpression of provides chrysanthemum resistance to aphids by regulating the biosynthesis of lignin. <i>Horticulture Research</i> , 2019 , 6, 84	7.7	21
113	The Heterologous Expression of a Chrysanthemum nankingense TCP Transcription Factor Blocks Cell Division in Yeast and Arabidopsis thaliana. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	2
112	The heterologous expression in Arabidopsis thaliana of a chrysanthemum gene encoding the BBX family transcription factor CmBBX13 delays flowering. <i>Plant Physiology and Biochemistry</i> , 2019 , 144, 480-487	5.4	8
111	Sugar Transporter, CmSWEET17, Promotes Bud Outgrowth in. <i>Genes</i> , 2019 , 11,	4.2	8
110	Assessing the Influence of Fumigation and Bacillus Subtilis-Based Biofungicide on the Microbiome of Chrysanthemum Rhizosphere. <i>Agriculture (Switzerland)</i> , 2019 , 9, 255	3	5
109	Transcriptome Profiling Unravels a Vital Role of Pectin and Pectinase in Anther Dehiscence in Chrysanthemum. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	3
108	Characterization of Composition and Antifungal Properties of Leaf Secondary Metabolites from Thirteen Cultivars of Ramat. <i>Molecules</i> , 2019 , 24,	4.8	13
107	The CmTCP20 gene regulates petal elongation growth in Chrysanthemum morifolium. <i>Plant Science</i> , 2019 , 280, 248-257	5.3	11
106	The Constitutive Expression of a Chrysanthemum ERF Transcription Factor Influences Flowering Time in Arabidopsis thaliana. <i>Molecular Biotechnology</i> , 2019 , 61, 20-31	3	8
105	The heterologous expression of CmBBX22 delays leaf senescence and improves drought tolerance in Arabidopsis. <i>Plant Cell Reports</i> , 2019 , 38, 15-24	5.1	13
104	Genomic and transcriptomic alterations following intergeneric hybridization and polyploidization in the Hybrid and allopolyploid (Asteraceae). <i>Horticulture Research</i> , 2018 , 5, 5	7.7	10
103	Dynamic and epistatic QTL mapping reveals the complex genetic architecture of waterlogging tolerance in chrysanthemum. <i>Planta</i> , 2018 , 247, 899-924	4.7	14
102	Association analysis of drought tolerance in cut chrysanthemum (Ramat.) at seedling stage. <i>Biotech</i> , 2018 , 8, 226	2.8	5
101	A Transcriptomic Analysis Targeting Genes Involved in the Floral Transition of Winter-Flowering Chrysanthemum. <i>Journal of Plant Growth Regulation</i> , 2018 , 37, 220-232	4.7	3
100	Investigation of Differences in Fertility among Progenies from Self-Pollinated Chrysanthemum. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	4
99	Comparative Transcriptome Analysis of Waterlogging-Sensitive and Waterlogging-Tolerant Chrysanthemum morifolium Cultivars under Waterlogging Stress and Reoxygenation Conditions. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	24
98	CLE2F1 Overexpression Enhances Plant Growth in Chrysanthemum lavandulifolium (Fisch. ex Trautv.) Makino. <i>Plant Molecular Biology Reporter</i> , 2018 , 36, 341-349	1.7	2
97	The loss of a single residue from CmFTL3 leads to the failure of florigen to flower. <i>Plant Science</i> , 2018 , 276, 99-104	5.3	3

96	Overexpression of Phosphate Transporter Gene Facilitated Pi Uptake and Alternated the Metabolic Profiles of Chrysanthemum Under Phosphate Deficiency. <i>Frontiers in Plant Science</i> , 2018 , 9, 686	6.2	9
95	GC-MS Analysis of the Volatile Constituents in the Leaves of 14 Compositae Plants. <i>Molecules</i> , 2018 , 23,	4.8	28
94	Comprehensive analysis of mitogen-activated protein kinase cascades in chrysanthemum. <i>PeerJ</i> , 2018 , 6, e5037	3.1	5
93	Chrysanthemum CmHSFA4 gene positively regulates salt stress tolerance in transgenic chrysanthemum. <i>Plant Biotechnology Journal</i> , 2018 , 16, 1311-1321	11.6	41
92	Evaluation of Soil-Applied Chemical Fungicide and Biofungicide for Control of the Fusarium Wilt of Chrysanthemum and Their Effects on Rhizosphere Soil Microbiota. <i>Agriculture (Switzerland)</i> , 2018 , 8, 184	3	8
91	The Chrysanthemum nankingense Genome Provides Insights into the Evolution and Diversification of Chrysanthemum Flowers and Medicinal Traits. <i>Molecular Plant</i> , 2018 , 11, 1482-1491	14.4	74
90	Over-expression of chrysanthemum CmDREB6 enhanced tolerance of chrysanthemum to heat stress. <i>BMC Plant Biology</i> , 2018 , 18, 178	5.3	22
89	Comparative profiling of microRNAs and their effects on abiotic stress in wild-type and dark green leaf color mutant plants of Anthurium andraeanum 'Sonate'. <i>Plant Physiology and Biochemistry</i> , 2018 , 132, 258-270	5.4	4
88	Cellular and molecular characteristics of pollen abortion in chrysanthemum cv. Kingfisher. <i>Plant Molecular Biology</i> , 2018 , 98, 233-247	4.6	5
87	Transcriptome analysis of differentially expressed unigenes involved in flavonoid biosynthesis during flower development of Chrysanthemum morifolium 'Chuju'. <i>Scientific Reports</i> , 2018 , 8, 13414	4.9	35
86	The chrysanthemum leaf and root transcript profiling in response to salinity stress. <i>Gene</i> , 2018 , 674, 1613-1619	3.89	12
85	The over-expression of a chrysanthemum gene encoding an RNA polymerase II CTD phosphatase-like 1 enzyme enhances tolerance to heat stress. <i>Horticulture Research</i> , 2018 , 5, 37	7.7	8
84	Transcriptomic and hormone analyses reveal mechanisms underlying petal elongation in Chrysanthemum morifolium 'Jinba'. <i>Plant Molecular Biology</i> , 2017 , 93, 593-606	4.6	30
83	is involved in the photoperiod- and sucrose-mediated control of flowering time in chrysanthemum. <i>Horticulture Research</i> , 2017 , 4, 17001	7.7	20
82	The heterologous expression of a chrysanthemum TCP-P transcription factor CmTCP14 suppresses organ size and delays senescence in Arabidopsis thaliana. <i>Plant Physiology and Biochemistry</i> , 2017 , 115, 239-248	5.4	15
81	Genetic diversity and methylation polymorphism analysis of Chrysanthemum nankingense. <i>Biochemical Systematics and Ecology</i> , 2017 , 72, 1-7	1.4	2
80	MicroRNA and Putative Target Discoveries in Chrysanthemum Polyploidy Breeding. <i>International Journal of Genomics</i> , 2017 , 2017, 6790478	2.5	10
79	Combining ability, heterosis, genetic distance and their intercorrelations for waterlogging tolerance traits in chrysanthemum. <i>Euphytica</i> , 2017 , 213, 1	2.1	19

78	Whole genome duplication enhances the photosynthetic capacity of Chrysanthemum nankingense. <i>Molecular Genetics and Genomics</i> , 2017 , 292, 1247-1256	3.1	9
77	CmMYB19 Over-Expression Improves Aphid Tolerance in Chrysanthemum by Promoting Lignin Synthesis. <i>International Journal of Molecular Sciences</i> , 2017 , 18,	6.3	43
76	Gibberellic Acid Signaling Is Required to Induce Flowering of Chrysanthemums Grown under Both Short and Long Days. <i>International Journal of Molecular Sciences</i> , 2017 , 18,	6.3	17
75	Expression profiling of Chrysanthemum crassum under salinity stress and the initiation of morphological changes. <i>PLoS ONE</i> , 2017 , 12, e0175972	3.7	2
74	Genetic variation and association mapping of waterlogging tolerance in chrysanthemum. <i>Planta</i> , 2016 , 244, 1241-1252	4.7	17
73	Chromosome doubling to overcome the chrysanthemum cross barrier based on insight from transcriptomic and proteomic analyses. <i>BMC Genomics</i> , 2016 , 17, 585	4.5	8
72	Chrysanthemum transcription factor CmLBD1 direct lateral root formation in Arabidopsis thaliana. <i>Scientific Reports</i> , 2016 , 6, 20009	4.9	9
71	Variation in tissue Na(+) content and the activity of SOS1 genes among two species and two related genera of Chrysanthemum. <i>BMC Plant Biology</i> , 2016 , 16, 98	5.3	28
70	Transcriptome-wide identification and expression analysis of chrysanthemum SBP-like transcription factors. <i>Plant Physiology and Biochemistry</i> , 2016 , 102, 10-6	5.4	26
69	A SNP-Enabled Assessment of Genetic Diversity, Evolutionary Relationships and the Identification of Candidate Genes in Chrysanthemum. <i>Genome Biology and Evolution</i> , 2016 , 8, 3661-3671	3.9	16
68	Transcriptome-Wide Survey and Expression Profile Analysis of Putative Chrysanthemum HD-Zip I and II Genes. <i>Genes</i> , 2016 , 7,	4.2	4
67	Transcriptome-Wide Identification and Expression Profiling Analysis of Chrysanthemum Trihelix Transcription Factors. <i>International Journal of Molecular Sciences</i> , 2016 , 17,	6.3	18
66	Involvement of CmWRKY10 in Drought Tolerance of Chrysanthemum through the ABA-Signaling Pathway. <i>International Journal of Molecular Sciences</i> , 2016 , 17,	6.3	33
65	Morphological, Genome and Gene Expression Changes in Newly Induced Autopolyploid Chrysanthemum lavandulifolium (Fisch. ex Trautv.) Makino. <i>International Journal of Molecular Sciences</i> , 2016 , 17,	6.3	28
64	The Effects of Fungicide, Soil Fumigant, Bio-Organic Fertilizer and Their Combined Application on Chrysanthemum Fusarium Wilt Controlling, Soil Enzyme Activities and Microbial Properties. <i>Molecules</i> , 2016 , 21, 526	4.8	31
63	CmWRKY1 Enhances the Dehydration Tolerance of Chrysanthemum through the Regulation of ABA-Associated Genes. <i>PLoS ONE</i> , 2016 , 11, e0150572	3.7	39
62	Transcriptome-Wide Identification and Expression Profiling of the DOF Transcription Factor Gene Family in Chrysanthemum morifolium. <i>Frontiers in Plant Science</i> , 2016 , 7, 199	6.2	30
61	miRNAs Are Involved in Determining the Improved Vigor of Autotetraploid. <i>Frontiers in Plant Science</i> , 2016 , 7, 1412	6.2	11

60	Transcriptomic analysis of differentially expressed genes in the floral transition of the summer flowering chrysanthemum. <i>BMC Genomics</i> , 2016 , 17, 673	4.5	19
59	Functional analysis of alternative splicing of the orthologous gene in. <i>Horticulture Research</i> , 2016 , 3, 16058	7.7	20
58	Cloning of chrysanthemum high-affinity nitrate transporter family (CmNRT2) and characterization of CmNRT2.1. <i>Scientific Reports</i> , 2016 , 6, 23462	4.9	22
57	Identification and characterization of a novel NAC-like gene in chrysanthemum (<i>Dendranthema lavandulifolium</i>). <i>Plant Cell Reports</i> , 2016 , 35, 1783-98	5.1	12
56	Genetic diversity, population structure and association analysis in cut chrysanthemum (<i>Chrysanthemum morifolium</i> Ramat.). <i>Molecular Genetics and Genomics</i> , 2016 , 291, 1117-25	3.1	30
55	Treatment with spermidine protects chrysanthemum seedlings against salinity stress damage. <i>Plant Physiology and Biochemistry</i> , 2016 , 105, 260-270	5.4	10
54	Morphological and physiological differences between dehiscent and indehiscent anthers of <i>Chrysanthemum morifolium</i> . <i>Journal of Plant Research</i> , 2016 , 129, 1069-1082	2.6	5
53	Reference gene selection for cross-species and cross-ploidy level comparisons in <i>Chrysanthemum</i> spp. <i>Scientific Reports</i> , 2015 , 5, 8094	4.9	28
52	The over-expression of a chrysanthemum WRKY transcription factor enhances aphid resistance. <i>Plant Physiology and Biochemistry</i> , 2015 , 95, 26-34	5.4	41
51	Isolation and characterization of six AP2/ERF transcription factor genes in <i>Chrysanthemum nankingense</i> . <i>International Journal of Molecular Sciences</i> , 2015 , 16, 2052-65	6.3	14
50	Identification of nitrogen starvation-responsive microRNAs in <i>Chrysanthemum nankingense</i> . <i>Plant Physiology and Biochemistry</i> , 2015 , 91, 41-8	5.4	16
49	Identification of quantitative trait loci for branching traits of spray cut chrysanthemum. <i>Euphytica</i> , 2015 , 202, 385-392	2.1	14
48	Localization of 45S and 5S rDNA sites and karyotype of <i>Chrysanthemum</i> and its related genera by fluorescent in situ hybridization. <i>Biochemical Systematics and Ecology</i> , 2015 , 62, 164-172	1.4	8
47	Identification of floral scent in chrysanthemum cultivars and wild relatives by gas chromatography-mass spectrometry. <i>Molecules</i> , 2015 , 20, 5346-59	4.8	33
46	Identification of MicroRNAs and their Targets Associated with Embryo Abortion during <i>Chrysanthemum</i> Cross Breeding via High-Throughput Sequencing. <i>PLoS ONE</i> , 2015 , 10, e0124371	3.7	18
45	CmWRKY15 Facilitates <i>Alternaria tenuissima</i> Infection of <i>Chrysanthemum</i> . <i>PLoS ONE</i> , 2015 , 10, e0143349	4.7	11
44	Limited DNA methylation variation and the transcription of MET1 and DDM1 in the genus <i>Chrysanthemum</i> (Asteraceae): following the track of polyploidy. <i>Frontiers in Plant Science</i> , 2015 , 6, 668	6.2	5
43	Effects of aphid herbivory on volatile organic compounds of <i>Artemisia annua</i> and <i>Chrysanthemum morifolium</i> . <i>Biochemical Systematics and Ecology</i> , 2015 , 60, 225-233	1.4	14

42	MicroRNA Expression Profile during Aphid Feeding in Chrysanthemum (<i>Chrysanthemum morifolium</i>). <i>PLoS ONE</i> , 2015 , 10, e0143720	3.7	23
41	Chrysanthemum CmNAR2 interacts with CmNRT2 in the control of nitrate uptake. <i>Scientific Reports</i> , 2014 , 4, 5833	4.9	12
40	Transcriptomic and proteomic analysis reveals mechanisms of embryo abortion during chrysanthemum cross breeding. <i>Scientific Reports</i> , 2014 , 4, 6536	4.9	27
39	Bio-organic fertilizer application significantly reduces the <i>Fusarium oxysporum</i> population and alters the composition of fungi communities of watermelon <i>Fusarium</i> wilt rhizosphere soil. <i>Biology and Fertility of Soils</i> , 2014 , 50, 765-774	6.1	41
38	Intergeneric hybrids between <i>Chrysanthemum morifolium</i> and <i>Artemisia vulgaris</i> show enhanced resistance against both aphids and <i>Alternaria</i> leaf spot. <i>Euphytica</i> , 2014 , 197, 399-408	2.1	7
37	The constitutive expression of a two transgene construct enhances the abiotic stress tolerance of chrysanthemum. <i>Plant Physiology and Biochemistry</i> , 2014 , 80, 114-20	5.4	25
36	Identification of differentially expressed genes in <i>Chrysanthemum nankingense</i> (Asteraceae) under heat stress by RNA Seq. <i>Gene</i> , 2014 , 552, 59-66	3.8	15
35	A bHLH transcription factor regulates iron intake under Fe deficiency in chrysanthemum. <i>Scientific Reports</i> , 2014 , 4, 6694	4.9	30
34	Reference genes for normalizing transcription in diploid and tetraploid <i>Arabidopsis</i> . <i>Scientific Reports</i> , 2014 , 4, 6781	4.9	30
33	Microsatellite polymorphism among <i>Chrysanthemum</i> sp. polyploids: the influence of whole genome duplication. <i>Scientific Reports</i> , 2014 , 4, 6730	4.9	14
32	A transcriptomic analysis of <i>Chrysanthemum nankingense</i> provides insights into the basis of low temperature tolerance. <i>BMC Genomics</i> , 2014 , 15, 844	4.5	53
31	Characterization of in vitro haploid and doubled haploid <i>Chrysanthemum morifolium</i> plants via unfertilized ovule culture for phenotypical traits and DNA methylation pattern. <i>Frontiers in Plant Science</i> , 2014 , 5, 738	6.2	18
30	Phylogenetic and transcription analysis of chrysanthemum WRKY transcription factors. <i>International Journal of Molecular Sciences</i> , 2014 , 15, 14442-55	6.3	30
29	Inheritance and molecular markers for aphid (<i>Macrosiphoniella sanbourni</i>) resistance in chrysanthemum (<i>Chrysanthemum morifolium</i> Ramat.). <i>Scientia Horticulturae</i> , 2014 , 180, 220-226	4.1	17
28	Rapid genetic and epigenetic alterations under intergeneric genomic shock in newly synthesized <i>Chrysanthemum morifolium</i> x <i>Leucanthemum paludosum</i> hybrids (Asteraceae). <i>Genome Biology and Evolution</i> , 2014 , 6, 247-59	3.9	30
27	A chrysanthemum heat shock protein confers tolerance to abiotic stress. <i>International Journal of Molecular Sciences</i> , 2014 , 15, 5063-78	6.3	71
26	Ambient temperature enhanced freezing tolerance of <i>Chrysanthemum dichrum</i> CdICE1 <i>Arabidopsis</i> via miR398. <i>BMC Biology</i> , 2013 , 11, 121	7.3	52
25	Rapid genomic and transcriptomic alterations induced by wide hybridization: <i>Chrysanthemum nankingense</i> [<i>Tanacetum vulgare</i> and <i>C. crassum</i>] [<i>Crossostephium chinense</i> (Asteraceae). <i>BMC Genomics</i> , 2013 , 14, 902	4.5	16

24	Chrysanthemum Biotechnology: Quo vadis?. <i>Critical Reviews in Plant Sciences</i> , 2013 , 32, 21-52	5.6	59
23	Proteomic changes in the base of chrysanthemum cuttings during adventitious root formation. <i>BMC Genomics</i> , 2013 , 14, 919	4.5	27
22	Genetic mapping of quantitative trait loci underlying flowering time in chrysanthemum (<i>Chrysanthemum morifolium</i>). <i>PLoS ONE</i> , 2013 , 8, e83023	3.7	21
21	High genetic diversity and insignificant interspecific differentiation in <i>Opisthopappus</i> Shih, an endangered cliff genus endemic to the Taihang Mountains of China. <i>Scientific World Journal</i> , 2013 , 2013, 275753	2.2	5
20	Next-generation sequencing of the <i>Chrysanthemum nankingense</i> (Asteraceae) transcriptome permits large-scale unigene assembly and SSR marker discovery. <i>PLoS ONE</i> , 2013 , 8, e62293	3.7	86
19	Mapping single-locus and epistatic quantitative trait loci for plant architectural traits in chrysanthemum. <i>Molecular Breeding</i> , 2012 , 30, 1027-1036	3.4	25
18	The constitutive expression of <i>Chrysanthemum dichrum</i> ICE1 in <i>Chrysanthemum grandiflorum</i> improves the level of low temperature, salinity and drought tolerance. <i>Plant Cell Reports</i> , 2012 , 31, 1747-1758	5.1	48
17	First intergeneric hybrids within the tribe Anthemideae Cass. III. <i>Chrysanthemum indicum</i> L. Des Moul. × <i>Opisthopappus taihangensis</i> (Ling) Shih. <i>Biochemical Systematics and Ecology</i> , 2012 , 43, 87-92	1.4	4
16	In vitro induced tetraploid of <i>Dendranthema nankingense</i> (Nakai) Tzvel. shows an improved level of abiotic stress tolerance. <i>Scientia Horticulturae</i> , 2011 , 127, 411-419	4.1	86
15	Genetic analysis and associated SRAP markers for flowering traits of chrysanthemum (<i>Chrysanthemum morifolium</i>). <i>Euphytica</i> , 2011 , 177, 15-24	2.1	49
14	Creating novel chrysanthemum germplasm via interspecific hybridization and backcrossing. <i>Euphytica</i> , 2011 , 177, 45-53	2.1	23
13	SRAP-based mapping and QTL detection for inflorescence-related traits in chrysanthemum (<i>Dendranthema morifolium</i>). <i>Molecular Breeding</i> , 2011 , 27, 11-23	3.4	70
12	Karyotype and meiotic analysis of five species in the genus <i>Artemisia</i> . <i>Caryologia</i> , 2010 , 63, 382-390		8
11	Transgenic chrysanthemum plants expressing a harpinXoo gene demonstrate induced resistance to alternaria leaf spot and accelerated development. <i>Russian Journal of Plant Physiology</i> , 2010 , 57, 548-553 ^{1.6}		18
10	Molecular cytogenetic identification and relationship of the artificial intergeneric hybrid between <i>Dendranthema indica</i> and <i>Crossostephium chinense</i> by GISH. <i>Plant Systematics and Evolution</i> , 2010 , 289, 91-99	1.3	17
9	The Lateral Suppressor-Like Gene, DgLsL, Alternated the Axillary Branching in Transgenic <i>Chrysanthemum</i> (<i>Chrysanthemum morifolium</i>) by Modulating IAA and GA Content. <i>Plant Molecular Biology Reporter</i> , 2010 , 28, 144-151	1.7	31
8	Interspecific hybrids between <i>Dendranthema morifolium</i> (Ramat.) Kitamura and <i>D. nankingense</i> (Nakai) Tzvel. achieved using ovary rescue and their cold tolerance characteristics. <i>Euphytica</i> , 2010 , 172, 101-108	2.1	43
7	Reproductive barriers in the intergeneric hybridization between <i>Chrysanthemum grandiflorum</i> (Ramat.) Kitam. and <i>Ajania przewalskii</i> Poljak. (Asteraceae). <i>Euphytica</i> , 2010 , 174, 41-50	2.1	27

6	Morphological and physiological responses of two chrysanthemum cultivars differing in their tolerance to waterlogging. <i>Environmental and Experimental Botany</i> , 2009 , 67, 87-93	5.9	96
5	Intergeneric hybridization and relationship of genera within the tribe Anthemideae Cass. (l. <i>Dendranthema crassum</i> (kitam.) kitam. [Crossostephium chinense (L.) Makino). <i>Euphytica</i> , 2009 , 169, 133-140	2.1	36
4	Analysis of Expressed Sequence Tags (ESTs) Collected from the Inflorescence of Chrysanthemum. <i>Plant Molecular Biology Reporter</i> , 2009 , 27, 503-510	1.7	32
3	Anatomical structure and gravitropic response of the creeping shoots of ground-cover chrysanthemum 'Yuhuaajinhua'. <i>Plant Growth Regulation</i> , 2008 , 56, 141-150	3.2	10
2	The Anthurium APRR2-like Gene Promotes Photosynthetic Pigment Accumulation in Response to Salt Stress. <i>Tropical Plant Biology</i> , 1	1.6	0
1	Heterologous expression of Chrysanthemum nankingense TCP13 suppresses leaf development in <i>Arabidopsis thaliana</i> . <i>Plant Growth Regulation</i> , 1	3.2	0