

Zhong-Jian Liu

List of Publications by Year in descending order

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151
papers

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159
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159
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#	ARTICLE	IF	CITATIONS
1	<i>R2R3-MYB</i> genes coordinate conical cell development and cuticular wax biosynthesis in <i>Phalaenopsis aphrodite</i> . <i>Plant Physiology</i> , 2022, 188, 318-331.	4.8	13
2	The <i>Melastoma dodecandrum</i> genome and the evolution of Myrtales. <i>Journal of Genetics and Genomics</i> , 2022, 49, 120-131.	3.9	14
3	Phylogenetic analysis and character evolution of tribe Arethuseae (Orchidaceae) reveal a new genus <i>Mengzia</i> . <i>Molecular Phylogenetics and Evolution</i> , 2022, 167, 107362.	2.7	7
4	The camphor tree genome enhances the understanding of magnoliid evolution. <i>Journal of Genetics and Genomics</i> , 2022, 49, 249-253.	3.9	7
5	Genome-wide identification and expression profile of YABBY genes in <i>Averrhoa carambola</i> . <i>PeerJ</i> , 2022, 9, e12558.	2.0	7
6	Genomes shed light on the evolution of <i>Begonia</i> , a mega-diverse genus. <i>New Phytologist</i> , 2022, 234, 295-310.	7.3	18
7	Diversification Slowdown in the Cirrhopetalum Alliance (Bulbophyllum, Orchidaceae): Insights From the Evolutionary Dynamics of Crassulacean Acid Metabolism. <i>Frontiers in Plant Science</i> , 2022, 13, 794171.	3.6	8
8	Genome of <i>Hippophae rhamnoides</i> provides insights into a conserved molecular mechanism in actinorhizal and rhizobial symbioses. <i>New Phytologist</i> , 2022, 235, 276-291.	7.3	14
9	<i>Cymbidium purpureisepalum</i> (Orchidaceae; Epidendroideae), a new species from China: evidence from morphological and molecular data. <i>Phytotaxa</i> , 2022, 538, 225-233.	0.3	0
10	Genomic landscape of a relict fir-associated fungus reveals rapid convergent adaptation towards endophytism. <i>ISME Journal</i> , 2022, 16, 1294-1305.	9.8	3
11	The <i>Cycas</i> genome and the early evolution of seed plants. <i>Nature Plants</i> , 2022, 8, 389-401.	9.3	80
12	Why Black Flowers? An Extreme Environment and Molecular Perspective of Black Color Accumulation in the Ornamental and Food Crops. <i>Frontiers in Plant Science</i> , 2022, 13, 885176.	3.6	4
13	Deletion and tandem duplications of biosynthetic genes drive the diversity of triterpenoids in <i>Aralia elata</i> . <i>Nature Communications</i> , 2022, 13, 2224.	12.8	34
14	Genomes of leafy and leafless <i>Platanthera</i> orchids illuminate the evolution of mycoheterotrophy. <i>Nature Plants</i> , 2022, 8, 373-388.	9.3	36
15	Genome-Wide Identification and Expression Pattern Analysis of KNOX Gene Family in Orchidaceae. <i>Frontiers in Plant Science</i> , 2022, 13, .	3.6	12
16	Genomic insights into the recent chromosome reduction of autopolyploid sugarcane <i>Saccharum spontaneum</i> . <i>Nature Genetics</i> , 2022, 54, 885-896.	21.4	33
17	A novel angiosperm including various parts from the Early Cretaceous sheds new light on flower evolution. <i>Historical Biology</i> , 2021, 33, 2706-2714.	1.4	6
18	Orchid Bsister gene PeMADS28 displays conserved function in ovule integument development. <i>Scientific Reports</i> , 2021, 11, 1205.	3.3	8

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19	Identifying a melanogenesis-related candidate gene by a high-quality genome assembly and population diversity analysis in <i>Hypsizygus marmoreus</i> . <i>Journal of Genetics and Genomics</i> , 2021, 48, 75-87.	3.9	14
20	Comparative analysis of <i>Phytophthora</i> genomes reveals oomycete pathogenesis in crops. <i>Heliyon</i> , 2021, 7, e06317.	3.2	3
21	<i>Cymbidium xichouense</i> (Orchidaceae; Epidendroideae), a new species from China: evidence from morphological and molecular data. <i>Phytotaxa</i> , 2021, 484, 291-297.	0.3	3
22	<i>Cymbidium weishanense</i> (Orchidaceae; Epidendroideae), a new species from China: evidence from morphological and molecular data. <i>Phytotaxa</i> , 2021, 500, 45-50.	0.3	2
23	The ancestral duplicated <i>DL/CRC</i> orthologs, <i>PeDL1</i> and <i>PeDL2</i> , function in orchid reproductive organ innovation. <i>Journal of Experimental Botany</i> , 2021, 72, 5442-5461.	4.8	18
24	The chloroplast genome evolution of Venus slipper (<i>Paphiopedilum</i>): IR expansion, SSC contraction, and highly rearranged SSC regions. <i>BMC Plant Biology</i> , 2021, 21, 248.	3.6	49
25	Divergence of a genomic island leads to the evolution of melanization in a halophyte root fungus. <i>ISME Journal</i> , 2021, 15, 3468-3479.	9.8	9
26	Wolfberry genomes and the evolution of <i>Lycium</i> (Solanaceae). <i>Communications Biology</i> , 2021, 4, 671.	4.4	40
27	<i>Cymbidium motuoense</i> (Orchidaceae; Epidendroideae), a new species from China: evidence from morphological and molecular data. <i>Phytotaxa</i> , 2021, 509, .	0.3	2
28	Genome sequence of <i>Apostasia ramifera</i> provides insights into the adaptive evolution in orchids. <i>BMC Genomics</i> , 2021, 22, 536.	2.8	9
29	Comparative analysis of plastomes in Oxalidaceae: Phylogenetic relationships and potential molecular markers. <i>Plant Diversity</i> , 2021, 43, 281-291.	3.7	12
30	OrchidBase 4.0: a database for orchid genomics and molecular biology. <i>BMC Plant Biology</i> , 2021, 21, 371.	3.6	10
31	The genome of <i>Cymbidium sinense</i> revealed the evolution of orchid traits. <i>Plant Biotechnology Journal</i> , 2021, 19, 2501-2516.	8.3	46
32	Chromosome-scale assembly of the <i>Dendrobium chrysotoxum</i> genome enhances the understanding of orchid evolution. <i>Horticulture Research</i> , 2021, 8, 183.	6.3	41
33	The <i>Euscaphis japonica</i> genome and the evolution of malvids. <i>Plant Journal</i> , 2021, 108, 1382-1399.	5.7	6
34	Phylogenetic incongruence in <i>Cymbidium</i> orchids. <i>Plant Diversity</i> , 2021, 43, 452-461.	3.7	10
35	A review for the breeding of orchids: Current achievements and prospects. <i>Horticultural Plant Journal</i> , 2021, 7, 380-392.	5.0	30
36	Reconstructing the <i>Callianthus plantae</i> —An early aquatic angiosperm from the Lower Cretaceous of China. <i>Cretaceous Research</i> , 2021, 128, 104983.	1.4	8

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37	The <i>Cymbidium goeringii</i> genome provides insight into organ development and adaptive evolution in orchids. <i>Ornamental Plant Research</i> , 2021, 1, 1-13.	0.9	7
38	Genome-Wide Identification of the YABBY Gene Family in Seven Species of Magnoliids and Expression Analysis in <i>Litsea</i> . <i>Plants</i> , 2021, 10, 21.	3.5	10
39	Anthocyanin Genes Involved in the Flower Coloration Mechanisms of <i>Cymbidium kanran</i> . <i>Frontiers in Plant Science</i> , 2021, 12, 737815.	3.6	10
40	Frequent germplasm exchanges drive the high genetic diversity of Chinese-cultivated common apricot germplasm. <i>Horticulture Research</i> , 2021, 8, 215.	6.3	16
41	Genome-Wide Identification and Expression Analysis of Terpene Synthase Genes in <i>Cymbidium faberi</i> . <i>Frontiers in Plant Science</i> , 2021, 12, 751853.	3.6	11
42	The <i>Cymbidium</i> genome reveals the evolution of unique morphological traits. <i>Horticulture Research</i> , 2021, 8, 255.	6.3	33
43	Comparative analysis of <i>Phytophthora</i> genomes data. <i>Data in Brief</i> , 2021, 39, 107663.	1.0	0
44	<i>Bulbophyllum versicolor</i> (Orchidaceae, Malaxideae), a new species from Yunnan, China: evidence from morphology and molecular analyses. <i>Phytotaxa</i> , 2021, 528, 247-254.	0.3	0
45	Genome-Wide Identification of the MYB Gene Family in <i>Cymbidiumensifolium</i> and Its Expression Analysis in Different Flower Colors. <i>International Journal of Molecular Sciences</i> , 2021, 22, 13245.	4.1	18
46	Comparative Transcriptomics Provides Insight into Floral Color Polymorphism in a <i>Pleione limprichtii</i> Orchid Population. <i>International Journal of Molecular Sciences</i> , 2020, 21, 247.	4.1	32
47	Plastid phylogenomic data yield new and robust insights into the phylogeny of <i>Cleisostoma</i> "Gastrochilus" clades (Orchidaceae, Aeridinae). <i>Molecular Phylogenetics and Evolution</i> , 2020, 145, 106729.	2.7	35
48	Molecular phylogenetics and floral evolution of the <i>Cirrhopetalum</i> alliance (<i>Bulbophyllum</i> ,) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 307 Td</i> and <i>Evolution</i> , 2020, 143, 106689.	2.7	20
49	The complete chloroplast genome of <i>Pholidota yunnanensis</i> Rolfe (Orchidaceae: Coelogyninae). <i>Mitochondrial DNA Part B: Resources</i> , 2020, 5, 2469-2470.	0.4	0
50	Identification of high-copy number long terminal repeat retrotransposons and their expansion in <i>Phalaenopsis</i> orchids. <i>BMC Genomics</i> , 2020, 21, 807.	2.8	5
51	The <i>Phoebe</i> genome sheds light on the evolution of magnoliids. <i>Horticulture Research</i> , 2020, 7, 146.	6.3	41
52	The complete chloroplast genome sequence of <i>Monotropa uniflora</i> (Ericaceae). <i>Mitochondrial DNA Part B: Resources</i> , 2020, 5, 3168-3169.	0.4	2
53	Genome-Wide Identification of YABBY Genes in Orchidaceae and Their Expression Patterns in <i>Phalaenopsis</i> Orchid. <i>Genes</i> , 2020, 11, 955.	2.4	20
54	<p>A unique flower in Miocene amber sheds new light on the evolution of flowers</p>. <i>Palaeoentomology</i> , 2020, 3, 423-432.	1.0	1

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55	Chromosome-scale assembly of the <i>Kandelia obovata</i> genome. <i>Horticulture Research</i> , 2020, 7, 75.	6.3	38
56	The genome sequence of star fruit (<i>Averrhoa carambola</i>). <i>Horticulture Research</i> , 2020, 7, 95.	6.3	18
57	Evolution of Two Ubiquitin-like System of Autophagy in Orchid. <i>Horticultural Plant Journal</i> , 2020, 6, 321-334.	5.0	6
58	The <i>Litsea</i> genome and the evolution of the laurel family. <i>Nature Communications</i> , 2020, 11, 1675.	12.8	80
59	Expression regulation of MALATE SYNTHASE involved in glyoxylate cycle during protocorm development in <i>Phalaenopsis aphrodite</i> (Orchidaceae). <i>Scientific Reports</i> , 2020, 10, 10123.	3.3	8
60	Functional analysis of a novel C-glycosyltransferase in the orchid <i>Dendrobium catenatum</i> . <i>Horticulture Research</i> , 2020, 7, 111.	6.3	23
61	The hornwort genome and early land plant evolution. <i>Nature Plants</i> , 2020, 6, 107-118.	9.3	203
62	Transcriptome Analysis and Identification of Genes Associated with Starch Metabolism in <i>Castanea henryi</i> Seed (Fagaceae). <i>International Journal of Molecular Sciences</i> , 2020, 21, 1431.	4.1	19
63	New insight into the molecular mechanism of colour differentiation among floral segments in orchids. <i>Communications Biology</i> , 2020, 3, 89.	4.4	70
64	The evolutionary origin and domestication history of goldfish (<i>Carassius auratus</i>). <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 29775-29785.	7.1	47
65	Plastome structure and adaptive evolution of <i>Calanthe</i> s.l. species. <i>PeerJ</i> , 2020, 8, e10051.	2.0	15
66	Comprehensive transcriptome analysis of reference genes for fruit development of <i>Euscaphis konishii</i> . <i>PeerJ</i> , 2020, 8, e8474.	2.0	4
67	<i>Luisia yunnanensis</i> (Orchidaceae; Epidendroideae), a new species from China: evidence from morphology and DNA analyses. <i>Phytotaxa</i> , 2020, 475, 52-58.	0.3	2
68	<i>Cymbidium codonanthum</i> (Orchidaceae; Epidendroideae; Cymbidiinae), a new species from China: evidence from morphological and molecular analyses. <i>Phytotaxa</i> , 2020, 453, 275-283.	0.3	4
69	<i>Cymbidium brevifolium</i> (Orchidaceae; Epidendroideae), a new species from China: evidence from morphological and molecular data.	0.3	3
70	Complete chloroplast genome of <i>Cymbidium ensifolium</i> (Orchidaceae). <i>Mitochondrial DNA Part B: Resources</i> , 2019, 4, 2236-2237.	0.4	7
71	Multivariate analysis reveals phenotypic diversity of <i>Euscaphis japonica</i> population. <i>PLoS ONE</i> , 2019, 14, e0219046.	2.5	13
72	The re-sequencing and re-assembly of complete chloroplast genome of <i>Melastoma dodecandrum</i> (Melastomataceae) from Fujian, China. <i>Mitochondrial DNA Part B: Resources</i> , 2019, 4, 2219-2220.	0.4	1

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73	A perspective on crassulacean acid metabolism photosynthesis evolution of orchids on different continents: <i>Dendrobium</i> as a case study. <i>Journal of Experimental Botany</i> , 2019, 70, 6611-6619.	4.8	15
74	The complete chloroplast genome sequence of <i>Liparis vivipara</i> (Orchidaceae). <i>Mitochondrial DNA Part B: Resources</i> , 2019, 4, 2223-2224.	0.4	2
75	Complete chloroplast genome of <i>Arundina graminifolia</i> (Orchidaceae). <i>Mitochondrial DNA Part B: Resources</i> , 2019, 4, 2898-2899.	0.4	5
76	Complete chloroplast genome of <i>Chloranthus henryi</i> (chloranthaceae). <i>Mitochondrial DNA Part B: Resources</i> , 2019, 4, 2964-2965.	0.4	4
77	The complete chloroplast genome sequence of <i>Calanthe delavayi</i> (Orchidaceae), an endemic to China. <i>Mitochondrial DNA Part B: Resources</i> , 2019, 4, 1562-1563.	0.4	4
78	Sequencing of Cultivated Peanut, <i>Arachis hypogaea</i> , Yields Insights into Genome Evolution and Oil Improvement. <i>Molecular Plant</i> , 2019, 12, 920-934.	8.3	185
79	Complete plastid genome of <i>Apostasia shenzhenica</i> (Orchidaceae). <i>Mitochondrial DNA Part B: Resources</i> , 2019, 4, 1388-1389.	0.4	7
80	The complete chloroplast genome of <i>Cymbidium floribundum</i> var. <i>pumilum</i> (Orchidaceae). <i>Mitochondrial DNA Part B: Resources</i> , 2019, 4, 3648-3649.	0.4	3
81	The complete chloroplast genome sequence of <i>Ludisia discolor</i> from Hainan of China. <i>Mitochondrial DNA Part B: Resources</i> , 2019, 4, 3663-3664.	0.4	0
82	Genome Sequencing Reveals the Role of MADS-box Gene Families in the Floral Morphology Evolution of Orchids. <i>Horticultural Plant Journal</i> , 2019, 5, 247-254.	5.0	18
83	Transcriptomic Analysis of Differentially Expressed Genes and Alternative Splicing Events Associated with Crassulacean Acid Metabolism in Orchids. <i>Horticultural Plant Journal</i> , 2019, 5, 268-280.	5.0	11
84	A genome for gnetophytes and early evolution of seed plants. <i>Nature Plants</i> , 2018, 4, 82-89.	9.3	151
85	<i>Cymbidium densiflorum</i> (Orchidaceae; Epidendroideae; Cymbidieae): a new orchid species from China based on morphological and molecular evidence. <i>Phytotaxa</i> , 2018, 345, 51.	0.3	5
86	Active Protection: Learning-Activated Raf/MAPK Activity Protects Labile Memory from Rac1-Independent Forgetting. <i>Neuron</i> , 2018, 98, 142-155.e4.	8.1	30
87	The Core Eudicot Boom Registered in Myanmar Amber. <i>Scientific Reports</i> , 2018, 8, 16765.	3.3	20
88	<i>Cymbidium daweshanense</i> (Orchidaceae; Epidendroideae), a new species from China: evidence from morphological and molecular analyses. <i>Phytotaxa</i> , 2018, 374, 249.	0.3	3
89	An unexpected noncarpellate epigynous flower from the Jurassic of China. <i>ELife</i> , 2018, 7, .	6.0	34
90	Sequencing of <i>Euscaphis konishii</i> Endocarp Transcriptome Points to Molecular Mechanisms of Endocarp Coloration. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3209.	4.1	5

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91	A Novel Angiosperm from the Early Cretaceous and Its Implications for Carpelâ€Deriving. <i>Acta Geologica Sinica</i> , 2018, 92, 1293-1298.	1.4	9
92	Morphological Type Identification of Self-Incompatibility in <i>Dendrobium</i> and Its Phylogenetic Evolution Pattern. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2595.	4.1	16
93	The genomic floral language of rose. <i>Nature Genetics</i> , 2018, 50, 770-771.	21.4	1
94	Genome Sequencing and Analysis of the Peanut B-Genome Progenitor (<i>Arachis ipaensis</i>). <i>Frontiers in Plant Science</i> , 2018, 9, 604.	3.6	38
95	Transcriptome-Wide Analysis Reveals the Origin of <i>Peloria</i> in Chinese <i>Cymbidium</i> (<i>Cymbidium sinense</i>). <i>Plant and Cell Physiology</i> , 2018, 59, 2064-2074.	3.1	14
96	Comparative transcriptomics provides insight into the molecular basis of species diversification of section <i>Trigonopedia</i> (<i>Cypripedium</i>) on the Qinghai-Tibetan Plateau. <i>Scientific Reports</i> , 2018, 8, 11640.	3.3	11
97	<i>Liparis vivipara</i> (Orchidaceae: Malaxideae), a new species from China: evidence from morphological and molecular analyses. <i>Phytotaxa</i> , 2018, 351, 289.	0.3	6
98	Advanced Applications of Next-Generation Sequencing Technologies to Orchid Biology. <i>Current Issues in Molecular Biology</i> , 2018, 27, 51-70.	2.4	3
99	<i>Yuhania</i> : a unique angiosperm from the Middle Jurassic of Inner Mongolia, China. <i>Historical Biology</i> , 2017, 29, 431-441.	1.4	28
100	<i>Bulbophyllum lipingtaoi</i> , a new orchid species from China: evidence from morphological and DNA analyses. <i>Phytotaxa</i> , 2017, 295, 218.	0.3	8
101	A <i>Dichocarpum</i> -like Angiosperm from the Early Cretaceous of China. <i>Acta Geologica Sinica</i> , 2017, 91, 1-8.	1.4	19
102	The <i>Apostasia</i> genome and the evolution of orchids. <i>Nature</i> , 2017, 549, 379-383.	27.8	305
103	Preferential distribution of nuclear MAPK signal in $\hat{\pm}/\hat{1}^2$ core neurons during long-term memory consolidation in <i>Drosophila</i> . <i>Protein and Cell</i> , 2017, 8, 780-783.	11.0	1
104	Lack of S-RNase-Based Gametophytic Self-Incompatibility in Orchids Suggests That This System Evolved after the Monocot-Eudicot Split. <i>Frontiers in Plant Science</i> , 2017, 8, 1106.	3.6	17
105	<i>Zhangwuia</i> : an enigmatic organ with a bennettitalean appearance and enclosed ovules. <i>Earth and Environmental Science Transactions of the Royal Society of Edinburgh</i> , 2017, 108, 419-428.	0.3	3
106	A molecular phylogeny of Chinese orchids. <i>Journal of Systematics and Evolution</i> , 2016, 54, 349-362.	3.1	20
107	<i>Vanda funingensis</i> , a new species of Orchidaceae (Epipedroideae; Vandaeae; Aeridinae) from China: evidence from morphology and DNA. <i>Phytotaxa</i> , 2016, 260, 1.	0.3	3
108	Genome-wide identification and characterization of <i>TCP</i> genes involved in ovule development of <i>Phalaenopsis equestris</i> . <i>Journal of Experimental Botany</i> , 2016, 67, 5051-5066.	4.8	55

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109	Nomenclature changes in <i>Phalaenopsis</i> subgen. <i>Hygrochilus</i> (Orchidaceae; Epidendroideae; Vandae) based on DNA evidence. <i>Phytotaxa</i> , 2016, 275, 55.	0.3	6
110	Cdc42-Dependent Forgetting Regulates Repetition Effect in Prolonging Memory Retention. <i>Cell Reports</i> , 2016, 16, 817-825.	6.4	36
111	The <i>Dendrobium catenatum</i> Lindl. genome sequence provides insights into polysaccharide synthase, floral development and adaptive evolution. <i>Scientific Reports</i> , 2016, 6, 19029.	3.3	255
112	De novo transcriptome assembly databases for the butterfly orchid <i>Phalaenopsis equestris</i> . <i>Scientific Data</i> , 2016, 3, 160083.	5.3	21
113	Draft genome of the peanut A-genome progenitor (<i>Arachis duranensis</i>) provides insights into geocarpy, oil biosynthesis, and allergens. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 6785-6790.	7.1	235
114	Origin and mechanism of crassulacean acid metabolism in orchids as implied by comparative transcriptomics and genomics of the carbon fixation pathway. <i>Plant Journal</i> , 2016, 86, 175-185.	5.7	45
115	Importin-7 mediates memory consolidation through regulation of nuclear translocation of training-activated MAPK in <i>Drosophila</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 3072-3077.	7.1	24
116	An enigmatic <i>Ephedra</i> -like fossil lacking micropylar tube from the Lower Cretaceous Yixian Formation of Liaoning, China. <i>Palaeoworld</i> , 2016, 25, 67-75.	1.1	13
117	Evolutionary history of PEPC genes in green plants: Implications for the evolution of CAM in orchids. <i>Molecular Phylogenetics and Evolution</i> , 2016, 94, 559-564.	2.7	39
118	A perfect flower from the Jurassic of China. <i>Historical Biology</i> , 2016, 28, 707-719.	1.4	33
119	Promise and Challenge of DNA Barcoding in Venus Slipper (<i>Paphiopedilum</i>). <i>PLoS ONE</i> , 2016, 11, e0146880.	2.5	27
120	Mining from transcriptomes: 315 single-copy orthologous genes concatenated for the phylogenetic analyses of Orchidaceae. <i>Ecology and Evolution</i> , 2015, 5, 3800-3807.	1.9	21
121	Reticulate evolution and sea-level fluctuations together drove species diversification of slipper orchids (<i>Paphiopedilum</i>) in South-East Asia. <i>Molecular Ecology</i> , 2015, 24, 2838-2855.	3.9	41
122	A New Myco-Heterotrophic Genus, <i>Yunorchis</i> , and the Molecular Phylogenetic Relationships of the Tribe Calypsoeae (Epidendroideae, Orchidaceae) Inferred from Plastid and Nuclear DNA Sequences. <i>PLoS ONE</i> , 2015, 10, e0123382.	2.5	4
123	A molecular phylogeny of Aeridinae (Orchidaceae: Epidendroideae) inferred from multiple nuclear and chloroplast regions. <i>Molecular Phylogenetics and Evolution</i> , 2015, 85, 247-254.	2.7	31
124	A taste of pineapple evolution through genome sequencing. <i>Nature Genetics</i> , 2015, 47, 1374-1376.	21.4	5
125	The genome sequence of the orchid <i>Phalaenopsis equestris</i> . <i>Nature Genetics</i> , 2015, 47, 65-72.	21.4	413
126	Orchid mating: the anther steps onto the stigma. <i>Plant Signaling and Behavior</i> , 2014, 9, e976484.	2.4	0

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127	Evolution and function of <sc>MADS</sc>-box genes involved in orchid floral development. <i>Journal of Systematics and Evolution</i> , 2014, 52, 397-410.	3.1	14
128	New Insight into the Regulation of Floral Morphogenesis. <i>International Review of Cell and Molecular Biology</i> , 2014, 311, 157-182.	3.2	6
129	A review of orchid pollination studies in China. <i>Journal of Systematics and Evolution</i> , 2014, 52, 411-422.	3.1	9
130	Comparison of hypoglycemic and antioxidative effects of polysaccharides from four different <i>Dendrobium</i> species. <i>International Journal of Biological Macromolecules</i> , 2014, 64, 420-427.	7.5	166
131	A new phylogenetic analysis sheds new light on the relationships in the <i>Calanthe</i> alliance (Orchidaceae) in China. <i>Molecular Phylogenetics and Evolution</i> , 2014, 77, 216-222.	2.7	19
132	Revision of <i>Hygrochilus</i> (Orchidaceae: Epidendroideae: Aeridinae) and a molecular phylogenetic analysis. <i>Phytotaxa</i> , 2014, 159, 256.	0.3	23
133	OrchidBase 2.0: Comprehensive Collection of Orchidaceae Floral Transcriptomes. <i>Plant and Cell Physiology</i> , 2013, 54, e7-e7.	3.1	76
134	Transcriptome and Proteome Data Reveal Candidate Genes for Pollinator Attraction in Sexually Deceptive Orchids. <i>PLoS ONE</i> , 2013, 8, e64621.	2.5	46
135	A New Orchid Genus, <i>Danxiaorchis</i> , and Phylogenetic Analysis of the Tribe Calypsoeae. <i>PLoS ONE</i> , 2013, 8, e60371.	2.5	23
136	Adding Perches for Cross-Pollination Ensures the Reproduction of a Self-Incompatible Orchid. <i>PLoS ONE</i> , 2013, 8, e53695.	2.5	8
137	A New Molecular Phylogeny and a New Genus, <i>Pendulorchis</i> , of the <i>Aerides</i> "Vanda Alliance" (Orchidaceae: Epidendroideae). <i>PLoS ONE</i> , 2013, 8, e60097.	2.5	17
138	Predicted Disappearance of <i>Cephalantheropsis obcordata</i> in Luofu Mountain Due to Changes in Rainfall Patterns. <i>PLoS ONE</i> , 2012, 7, e29718.	2.5	5
139	The Anther Steps onto the Stigma for Self-Fertilization in a Slipper Orchid. <i>PLoS ONE</i> , 2012, 7, e37478.	2.5	10
140	C- and D-class MADS-Box Genes from <i>Phalaenopsis equestris</i> (Orchidaceae) Display Functions in Gynostemium and Ovule Development. <i>Plant and Cell Physiology</i> , 2012, 53, 1053-1067.	3.1	59
141	Evolution and Biogeography of the Slipper Orchids: Eocene Vicariance of the Conduplicate Genera in the Old and New World Tropics. <i>PLoS ONE</i> , 2012, 7, e38788.	2.5	61
142	<i>Sinocurculigo</i> , a New Genus of Hypoxidaceae from China Based on Molecular and Morphological Evidence. <i>PLoS ONE</i> , 2012, 7, e38880.	2.5	6
143	OrchidBase: A Collection of Sequences of the Transcriptome Derived from Orchids. <i>Plant and Cell Physiology</i> , 2011, 52, 238-243.	3.1	78
144	Duplicated C-Class MADS-Box Genes Reveal Distinct Roles in Gynostemium Development in <i>Cymbidium ensifolium</i> (Orchidaceae). <i>Plant and Cell Physiology</i> , 2011, 52, 563-577.	3.1	52

#	ARTICLE	IF	CITATIONS
145	Molecular phylogeny of <i>Cypripedium</i> (Orchidaceae: Cypripedioideae) inferred from multiple nuclear and chloroplast regions. <i>Molecular Phylogenetics and Evolution</i> , 2011, 61, 308-320.	2.7	46
146	<i>Paraholcoglossum</i> and <i>Tsiorchis</i> , Two New Orchid Genera Established by Molecular and Morphological Analyses of the <i>Holcoglossum</i> Alliance. <i>PLoS ONE</i> , 2011, 6, e24864.	2.5	21
147	</> <i>Apostasia shenzhenica</i> </>, A New Species of Apostasioideae (Orchidaceae) from China. <i>Zhi Wu Ke Xue Xue Bao</i> , 2011, 29, 38-41.	0.1	12
148	A floral organ moving like a caterpillar for pollinating. <i>Journal of Systematics and Evolution</i> , 2010, 48, 102-108.	3.1	12
149	A new orchid <i>Paphiopedilum guangdongense</i> and its molecular evidence. <i>Journal of Systematics and Evolution</i> , 2010, 48, 350-355.	3.1	1
150	<i>Singchia</i> and <i>Gunnaria</i> , two new genera of Orchidaceae. <i>Journal of Systematics and Evolution</i> , 2009, 47, 599-604.	3.1	6
151	Self-fertilization strategy in an orchid. <i>Nature</i> , 2006, 441, 945-946.	27.8	68