

# Yuan-Wen Duan

## List of Publications by Year in descending order

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Version: 2024-02-01

32  
papers

613  
citations

840776

11  
h-index

610901

24  
g-index

32  
all docs

32  
docs citations

32  
times ranked

762  
citing authors

#	ARTICLE	IF	CITATIONS
1	Evolutionary history and underlying adaptation of alpine plants on the Qinghai-Tibet Plateau. <i>Journal of Systematics and Evolution</i> , 2014, 52, 241-249.	3.1	180
2	A Novel R2R3-MYB Transcription Factor Contributes to Petal Blotch Formation by Regulating Organ-Specific Expression of <i>PsCHS</i> in Tree Peony ( <i>Paeonia suffruticosa</i> ). <i>Plant and Cell Physiology</i> , 2019, 60, 599-611.	3.1	77
3	Change in floral orientation in <i>Anisodus luridus</i> (Solanaceae) protects pollen grains and facilitates development of fertilized ovules. <i>American Journal of Botany</i> , 2010, 97, 1618-1624.	1.7	46
4	Reproductive ecology of the Qinghai-Tibet Plateau endemic <i>Gentiana straminea</i> (Gentianaceae), a hermaphrodite perennial characterized by herkogamy and dichogamy. <i>Acta Oecologica</i> , 2005, 27, 225-232.	1.1	41
5	Delayed Selfing in an Alpine Biennial <i>Gentianopsis paludosa</i> (Gentianaceae) in the Qinghai-Tibetan Plateau. <i>Journal of Integrative Plant Biology</i> , 2010, 52, 593-599.	8.5	37
6	Pollen sensitivity to ultraviolet-B (UV-B) suggests floral structure evolution in alpine plants. <i>Scientific Reports</i> , 2014, 4, 4520.	3.3	33
7	Selective seed abortion induced by nectar robbing in the selfing plant <i>Comastoma pulmonarium</i> . <i>New Phytologist</i> , 2011, 192, 249-255.	7.3	24
8	Divergence in Eco-Physiological Responses to Drought Mirrors the Distinct Distribution of <i>Chamerion angustifolium</i> Cytotypes in the Himalaya-Hengduan Mountains Region. <i>Frontiers in Plant Science</i> , 2016, 7, 1329.	3.6	17
9	Intensified wind pollination mediated by pollen dimorphism after range expansion in an ambophilous biennial <i>Aconitum gymnantrum</i> . <i>Ecology and Evolution</i> , 2017, 7, 541-549.	1.9	15
10	Evaluation of pollinator effectiveness based on pollen deposition and seed production in a gynodioecious alpine plant, <i>Cyananthus delavayi</i> . <i>Ecology and Evolution</i> , 2017, 7, 8156-8160.	1.9	15
11	Pollinator Shift and Reproductive Performance of the Qinghai-Tibetan Plateau Endemic and Endangered <i>Swertia przewalskii</i> (Gentianaceae). <i>Biodiversity and Conservation</i> , 2007, 16, 1839-1850.	2.6	13
12	Better than nothing: Evolution of autonomous selfing under strong inbreeding depression in an alpine annual from the Qinghai-Tibet Plateau. <i>Journal of Systematics and Evolution</i> , 2014, 52, 363-367.	3.1	10
13	Differentiation in drought tolerance mirrors the geographic distributions of alpine plants on the Qinghai-Tibet Plateau and adjacent highlands. <i>Scientific Reports</i> , 2017, 7, 42466.	3.3	10
14	Sexual conflict in protandrous flowers and the evolution of gynodioecy*. <i>Evolution; International Journal of Organic Evolution</i> , 2021, 75, 278-293.	2.3	10
15	Equipped for Migrations Across High Latitude Regions? Reduced Spur Length and Outcrossing Rate in a Biennial <i>Halenia elliptica</i> (Gentianaceae) With Mixed Mating System Along a Latitude Gradient. <i>Frontiers in Genetics</i> , 2018, 9, 223.	2.3	9
16	High autonomous selfing capacity and low flower visitation rates in a subalpine population of <i>Prunella vulgaris</i> (Lamiaceae). <i>Plant Ecology and Evolution</i> , 2017, 150, 59-66.	0.7	9
17	Sexual interference in two <i>Chamerion</i> species with contrasting modes of movement herkogamy. <i>Journal of Systematics and Evolution</i> , 2014, 52, 355-362.	3.1	8
18	Changes of flowering phenology and flower size in rosaceous plants from a biodiversity hotspot in the past century. <i>Scientific Reports</i> , 2016, 6, 28302.	3.3	7

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19	Pollination ecology and its implication for conservation of an endangered perennial herb native to the East-Himalaya, <i>Megacodon stylophorus</i> (Gentianaceae). <i>Plant Ecology and Evolution</i> , 2012, 145, 356-362.	0.7	6
20	Pollination Ecology of <i>Arnebia szechenyi</i> (Boraginaceae), a Chinese Endemic Perennial Characterized by Distyly and Heteromorphic Self-Incompatibility. <i>Annales Botanici Fennici</i> , 2014, 51, 297-304.	0.1	6
21	Reproductive isolation is mediated by pollen incompatibility in sympatric populations of two <i>Arnebia</i> species. <i>Ecology and Evolution</i> , 2015, 5, 5838-5846.	1.9	6
22	A century of pollination success revealed by herbarium specimens of seed pods. <i>New Phytologist</i> , 2019, 224, 1512-1517.	7.3	6
23	Multiple lines of evidence supports the two varieties of <i>Halenia elliptica</i> (Gentianaceae) as two species. <i>Plant Diversity</i> , 2022, 44, 290-299.	3.7	5
24	Flower evolution of alpine forbs in the open top chambers (OTCs) from the Qinghai-Tibet Plateau. <i>Scientific Reports</i> , 2015, 5, 10254.	3.3	4
25	Cell number explains the intraspecific spur-length variation in an <i>Aquilegia</i> species. <i>Plant Diversity</i> , 2019, 41, 307-314.	3.7	4
26	Processes on reproductive ecology of plant species in the Qinghai-Xizang Plateau and adjacent highlands. <i>Chinese Journal of Plant Ecology</i> , 2020, 44, 1-21.	0.6	4
27	Pollinator individual-based networks reveal the specialized plant-pollinator mutualism in two biodiverse communities. <i>Ecology and Evolution</i> , 2021, 11, 17509-17518.	1.9	3
28	The coexistence of hermaphroditic and dioecious plants is associated with polyploidy and gender dimorphism in <i>Dasiphora fruticosa</i> . <i>Plant Diversity</i> , 2019, 41, 323-329.	3.7	2
29	Development of Microsatellite Markers for a Dioecious <i>Herpetospermum pedunculatum</i> (Cucurbitaceae). <i>Evolutionary Bioinformatics</i> , 2020, 16, 117693432090826.	1.2	2
30	Polyploidization and sexual dimorphism of floral traits in a subdioecious population of <i>Dasiphora glabra</i> . <i>Journal of Plant Ecology</i> , 2021, 14, 229-240.	2.3	2
31	Differences in floral traits and flower visitation rates in mating systems in <i>Prunella vulgaris</i> (Lamiaceae). <i>Journal of Plant Ecology</i> , 0, , .	2.3	2
32	Phenotypic Selection in <i>Halenia elliptica</i> D. Don (Gentianaceae), an Alpine Biennial with Mixed Mating System. <i>Plants</i> , 2022, 11, 1488.	3.5	0