

# Yi-Ping Xia

## List of Publications by Year in descending order

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Version: 2024-02-01

42  
papers

663  
citations

623734

14  
h-index

642732

23  
g-index

42  
all docs

42  
docs citations

42  
times ranked

584  
citing authors

#	ARTICLE	IF	CITATIONS
1	The ancient wave of polyploidization events in flowering plants and their facilitated adaptation to environmental stress. <i>Plant, Cell and Environment</i> , 2020, 43, 2847-2856.	5.7	71
2	De Novo Assembled Transcriptome Analysis and SSR Marker Development of a Mixture of Six Tissues from <i>Lilium Oriental Hybrid "Sorbonne"</i> . <i>Plant Molecular Biology Reporter</i> , 2015, 33, 281-293.	1.8	54
3	The effect of humic acid on endogenous hormone levels and antioxidant enzyme activity during in vitro rooting of evergreen azalea. <i>Scientia Horticulturae</i> , 2018, 227, 234-243.	3.6	45
4	Chlorocholine chloride and paclobutrazol treatments promote carbohydrate accumulation in bulbs of <i>Lilium Oriental hybrids "Sorbonne"</i> . <i>Journal of Zhejiang University: Science B</i> , 2012, 13, 136-144.	2.8	43
5	High-quality evergreen azalea genome reveals tandem duplication-facilitated low-altitude adaptability and floral scent evolution. <i>Plant Biotechnology Journal</i> , 2021, 19, 2544-2560.	8.3	35
6	Factors affecting freezing tolerance: a comparative transcriptomics study between field and artificial cold acclimations in overwintering evergreens. <i>Plant Journal</i> , 2020, 103, 2279-2300.	5.7	29
7	Analysis of gene expression and enzyme activities related to starch metabolism in <i>Lycoris sprengeri</i> bulbs of different sizes. <i>Scientia Horticulturae</i> , 2013, 161, 118-124.	3.6	24
8	Root Development Enhanced by Using Indole-3-butyric Acid and Naphthalene Acetic Acid and Associated Biochemical Changes of In Vitro Azalea Microshoots. <i>Journal of Plant Growth Regulation</i> , 2018, 37, 813-825.	5.1	24
9	Cytological analysis of the bulblet initiation and development in <i>Lycoris</i> species. <i>Scientia Horticulturae</i> , 2017, 218, 72-79.	3.6	20
10	Change in Sucrose Cleavage Pattern and Rapid Starch Accumulation Govern Lily Shoot-to-Bulblet Transition in vitro. <i>Frontiers in Plant Science</i> , 2020, 11, 564713.	3.6	20
11	Identification of differentially expressed genes in flower, leaf and bulb scale of <i>Lilium oriental hybrid "Sorbonne"</i> and putative control network for scent genes. <i>BMC Genomics</i> , 2017, 18, 899.	2.8	18
12	Differential Effects of Paclobutrazol on the Bulblet Growth of Oriental Lily Cultured In Vitro: Growth Behavior, Carbohydrate Metabolism, and Antioxidant Capacity. <i>Journal of Plant Growth Regulation</i> , 2019, 38, 359-372.	5.1	18
13	Combined Proteome and Transcriptome Analysis of Heat-Primed Azalea Reveals New Insights Into Plant Heat Acclimation Memory. <i>Frontiers in Plant Science</i> , 2020, 11, 1278.	3.6	18
14	Effects of Visual Attributes of Flower Borders in Urban Vegetation Landscapes on Aesthetic Preference and Emotional Perception. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 9318.	2.6	17
15	Knowledge Map of Spatial Planning and Sustainable Development: A Visual Analysis Using CiteSpace. <i>Land</i> , 2022, 11, 331.	2.9	17
16	Transcriptomic Analysis of the Underground Renewal Buds during Dormancy Transition and Release in "Hangbaishao" Peony ( <i>Paeonia lactiflora</i> ). <i>PLoS ONE</i> , 2015, 10, e0119118.	2.5	16
17	Seasonal responses to cold and light stresses by two elevational ecotypes of <i>Rhododendron catawbiense</i> : A comparative study of overwintering strategies. <i>Environmental and Experimental Botany</i> , 2019, 163, 86-96.	4.2	15
18	Low humic acids promote in vitro lily bulblet enlargement by enhancing roots growth and carbohydrate metabolism. <i>Journal of Zhejiang University: Science B</i> , 2016, 17, 892-904.	2.8	14

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19	Selection of generally applicable SSR markers for evaluation of genetic diversity and identity in <i>Lilium</i> . <i>Biochemical Systematics and Ecology</i> , 2015, 61, 278-285.	1.3	13
20	Comparative Physiology of Natural Deacclimation in Ten Azalea Cultivars. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2017, 52, 1451-1457.	1.0	12
21	Mining and expression analysis of candidate genes involved in regulating the chilling requirement fulfillment of <i>Paeonia lactiflora</i> ‘‘Hang Baishao’’™. <i>BMC Plant Biology</i> , 2017, 17, 262.	3.6	11
22	Evaluating the Comprehensive Performance of Herbaceous Peonies at low latitudes by the Integration of Long-running Quantitative Observation and Multi-Criteria Decision Making Approach. <i>Scientific Reports</i> , 2019, 9, 15079.	3.3	10
23	Plantlet regeneration from primary callus cultures of <i>Lilium brownii</i> F.E.Br. ex <i>Miellez var. giganteum</i> G. Y. Li & Z. H. Chen, a rare bulbous germplasm. <i>In Vitro Cellular and Developmental Biology - Plant</i> , 2019, 55, 44-59.	2.1	9
24	Early Sucrose Degradation and the Dominant Sucrose Cleavage Pattern Influence <i>Lycoris sprengeri</i> Bulblet Regeneration In Vitro. <i>International Journal of Molecular Sciences</i> , 2021, 22, 11890.	4.1	9
25	Determination of genetic relationships between evergreen azalea cultivars in China using AFLP markers. <i>Journal of Zhejiang University: Science B</i> , 2013, 14, 299-308.	2.8	8
26	Green Period Characteristics and Foliar Cold Tolerance in 12 Iris Species and Cultivars in the Yangtze Delta, China. <i>HortTechnology</i> , 2017, 27, 399-407.	0.9	7
27	Efficient somatic embryogenesis and bulblet regeneration of the endangered bulbous flower <i>Griffinia liboniana</i> . <i>Plant Cell, Tissue and Organ Culture</i> , 2018, 135, 523-533.	2.3	7
28	Annual growth cycle observation, hybridization and forcing culture for improving the ornamental application of <i>Paeonia lactiflora</i> Pall. in the low-latitude regions. <i>PLoS ONE</i> , 2019, 14, e0218164.	2.5	7
29	Improving crucial details and selecting the optimal model for evaluating the chilling requirement of <i>Paeonia lactiflora</i> Pall. at low latitudes during four winters. <i>Scientia Horticulturae</i> , 2020, 265, 109175.	3.6	7
30	Clonal bulblet regeneration and endophytic communities profiling of <i>Lycoris sprengeri</i> , an economically valuable bulbous plant of pharmaceutical and ornamental value. <i>Scientia Horticulturae</i> , 2021, 279, 109856.	3.6	7
31	Chilling Requirement Validation and Physiological and Molecular Responses of the Bud Endodormancy Release in <i>Paeonia lactiflora</i> ‘‘Meiju’’™. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8382.	4.1	7
32	A Comparative Study between Evergreen and Deciduous Daylily Species Reveals the Potential Contributions of Winter Shoot Growth and Leaf Freezing Tolerance to Foliar Habits. <i>Journal of Plant Growth Regulation</i> , 2020, 39, 1030-1045.	5.1	6
33	MADS-box transcription factors determine the duration of temporary winter dormancy in closely related evergreen and deciduous <i>Iris</i> spp.. <i>Journal of Experimental Botany</i> , 2022, 73, 1429-1449.	4.8	6
34	Photoprotection contributes to freezing tolerance as revealed by RNA-seq profiling of <i>Rhododendron</i> leaves during cold acclimation and deacclimation over time.. <i>Horticulture Research</i> , 2022, 9, .	6.3	6
35	Photoprotection conferring plant tolerance to freezing stress through rescuing photosystem in evergreen <i>Rhododendron</i> . <i>Plant, Cell and Environment</i> , 2022, 45, 2093-2108.	5.7	6
36	Impact of summer heat stress inducing physiological and biochemical responses in herbaceous peony cultivars ( <i>Paeonia lactiflora</i> Pall.) from different latitudes. <i>Industrial Crops and Products</i> , 2022, 184, 115000.	5.2	6

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37	Molecular cloning, characterization and expression analysis of three key starch synthesis-related genes from the bulb of a rare lily germplasm, <i>Lilium brownii</i> var. <i>giganteum</i> . <i>Journal of Zhejiang University: Science B</i> , 2021, 22, 476-491.	2.8	5
38	Assessing Emotional Responses to the Spatial Quality of Urban Green Spaces through Self-Report and Face Recognition Measures. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 8526.	2.6	5
39	Hybrid RNA Sequencing Strategy for the Dynamic Transcriptomes of Winter Dormancy in an Evergreen Herbaceous Perennial, <i>Iris japonica</i> . <i>Frontiers in Genetics</i> , 2022, 13, 841957.	2.3	5
40	Comparative Study on Physiological Responses and Gene Expression of Bud Endodormancy Release Between Two Herbaceous Peony Cultivars ( <i>Paeonia lactiflora</i> Pall.) With Contrasting Chilling Requirements. <i>Frontiers in Plant Science</i> , 2021, 12, 772285.	3.6	3
41	EFFECTS OF 5-AZACYTIDINE AND GIBBERELIC ACID ON FLOWER DEVELOPMENT OF AZALEA. <i>Pakistan Journal of Agricultural Sciences</i> , 2016, 53, 01-06.	0.2	2
42	Integrative Comparative Assessment of Cold Acclimation in Evergreen and Deciduous Iris Species. <i>Antioxidants</i> , 2022, 11, 977.	5.1	1