

Yi-Ping Xia

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	MADS-box transcription factors determine the duration of temporary winter dormancy in closely related evergreen and deciduous <i>Iris</i> spp.. Journal of Experimental Botany, 2022, 73, 1429-1449.	4.8	6
2	Photoprotection contributes to freezing tolerance as revealed by RNA-seq profiling of <i>Rhododendron</i> leaves during cold acclimation and deacclimation over time.. Horticulture Research, 2022, 9, .	6.3	6
3	Knowledge Map of Spatial Planning and Sustainable Development: A Visual Analysis Using CiteSpace. Land, 2022, 11, 331.	2.9	17
4	Photoprotection conferring plant tolerance to freezing stress through rescuing photosystem in evergreen <i>Rhododendron</i> . Plant, Cell and Environment, 2022, 45, 2093-2108.	5.7	6
5	Hybrid RNA Sequencing Strategy for the Dynamic Transcriptomes of Winter Dormancy in an Evergreen Herbaceous Perennial, <i>Iris japonica</i> . Frontiers in Genetics, 2022, 13, 841957.	2.3	5
6	Impact of summer heat stress inducing physiological and biochemical responses in herbaceous peony cultivars (<i>Paeonia lactiflora</i> Pall.) from different latitudes. Industrial Crops and Products, 2022, 184, 115000.	5.2	6
7	Integrative Comparative Assessment of Cold Acclimation in Evergreen and Deciduous <i>Iris</i> Species. Antioxidants, 2022, 11, 977.	5.1	1
8	Clonal bulblet regeneration and endophytic communities profiling of <i>Lycoris sprengeri</i> , an economically valuable bulbous plant of pharmaceutical and ornamental value. Scientia Horticulturae, 2021, 279, 109856.	3.6	7
9	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> . Journal of Zhejiang University: Science B, 2021, 22, 476-491.	2.8	5
10	Assessing Emotional Responses to the Spatial Quality of Urban Green Spaces through Self-Report and Face Recognition Measures. International Journal of Environmental Research and Public Health, 2021, 18, 8526.	2.6	5
11	Chilling Requirement Validation and Physiological and Molecular Responses of the Bud Endodormancy Release in <i>Paeonia lactiflora</i> "Meiju"™. International Journal of Molecular Sciences, 2021, 22, 8382.	4.1	7
12	High-quality evergreen azalea genome reveals tandem duplication-facilitated low-altitude adaptability and floral scent evolution. Plant Biotechnology Journal, 2021, 19, 2544-2560.	8.3	35
13	Effects of Visual Attributes of Flower Borders in Urban Vegetation Landscapes on Aesthetic Preference and Emotional Perception. International Journal of Environmental Research and Public Health, 2021, 18, 9318.	2.6	17
14	Early Sucrose Degradation and the Dominant Sucrose Cleavage Pattern Influence <i>Lycoris sprengeri</i> Bulblet Regeneration In Vitro. International Journal of Molecular Sciences, 2021, 22, 11890.	4.1	9
15	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. Frontiers in Plant Science, 2021, 12, 772285.	3.6	3
16	A Comparative Study between Evergreen and Deciduous Daylily Species Reveals the Potential Contributions of Winter Shoot Growth and Leaf Freezing Tolerance to Foliar Habits. Journal of Plant Growth Regulation, 2020, 39, 1030-1045.	5.1	6
17	The ancient wave of polyploidization events in flowering plants and their facilitated adaptation to environmental stress. Plant, Cell and Environment, 2020, 43, 2847-2856.	5.7	71
18	Combined Proteome and Transcriptome Analysis of Heat-Primed Azalea Reveals New Insights Into Plant Heat Acclimation Memory. Frontiers in Plant Science, 2020, 11, 1278.	3.6	18

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19	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
20	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
21	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
22	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
23	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
24	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
25	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
26	Plantlet regeneration from primary callus cultures of <i>Lilium brownii</i> F.E.Br. ex Mieliez var. <i>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
27	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
28	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
29	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
30	Cytological analysis of the bulblet initiation and development in <i>Lycoris</i> species. <i>Scientia Horticulturae</i> , 2017, 218, 72-79.	3.6	20
31	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
32	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
33	Identification of differentially expressed genes in flower, leaf and bulb scale of <i>Lilium</i> oriental hybrid 'Sorbonne'™ and putative control network for scent genes. <i>BMC Genomics</i> , 2017, 18, 899.	2.8	18
34	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
35	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
36	EFFECTS OF 5-AZACYTIDINE AND GIBBERELLIC ACID ON FLOWER DEVELOPMENT OF AZALEA. <i>Pakistan Journal of Agricultural Sciences</i> , 2016, 53, 01-06.	0.2	2

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37	Transcriptomic Analysis of the Underground Renewal Buds during Dormancy Transition and Release in "Hangbaishao"™ Peony (<i>Paeonia lactiflora</i>). PLoS ONE, 2015, 10, e0119118.	2.5	16
38	Selection of generally applicable SSR markers for evaluation of genetic diversity and identity in <i>Lilium</i> . Biochemical Systematics and Ecology, 2015, 61, 278-285.	1.3	13
39	De Novo Assembled Transcriptome Analysis and SSR Marker Development of a Mixture of Six Tissues from <i>Lilium</i> Oriental Hybrid "Sorbonne"™. Plant Molecular Biology Reporter, 2015, 33, 281-293.	1.8	54
40	Determination of genetic relationships between evergreen azalea cultivars in China using AFLP markers. Journal of Zhejiang University: Science B, 2013, 14, 299-308.	2.8	8
41	Analysis of gene expression and enzyme activities related to starch metabolism in <i>Lycoris sprengeri</i> bulbs of different sizes. Scientia Horticulturae, 2013, 161, 118-124.	3.6	24
42	Chlorocholine chloride and paclobutrazol treatments promote carbohydrate accumulation in bulbs of <i>Lilium</i> Oriental hybrids "Sorbonne"™. Journal of Zhejiang University: Science B, 2012, 13, 136-144.	2.8	43