

# Yu-Sen Chang

## List of Publications by Year in descending order

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Version: 2024-02-01

29  
papers

280  
citations

1040056

9  
h-index

940533

16  
g-index

29  
all docs

29  
docs citations

29  
times ranked

403  
citing authors

#	ARTICLE	IF	CITATIONS
1	The transcription factor OsbHLH035 mediates seed germination and enables seedling recovery from salt stress through ABA-dependent and ABA-independent pathways, respectively. <i>Rice</i> , 2018, 11, 50.	4.0	57
2	Nitrogen fertilization promotes the phytoremediation of cadmium in <i>Pentas lanceolata</i> . <i>International Biodeterioration and Biodegradation</i> , 2013, 85, 709-714.	3.9	44
3	Flavonoid Compounds and Photosynthesis in <i>Passiflora</i> Plant Leaves under Varying Light Intensities. <i>Plants</i> , 2020, 9, 633.	3.5	16
4	Effects of Types of Horticultural Activity on the Physical and Mental State of Elderly Individuals. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 5225.	2.6	15
5	Effects of shoot bending on ACC content, ethylene production, growth and flowering of bougainvillea. <i>Plant Growth Regulation</i> , 2011, 63, 37-44.	3.4	14
6	Cryopreservation of <i>Bletilla formosana</i> seeds (Orchidaceae) by desiccation. <i>Scientia Horticulturae</i> , 2013, 157, 108-112.	3.6	14
7	Potential of galled leaves of Goji ( <i>Lycium chinense</i> ) as functional food. <i>BMC Nutrition</i> , 2020, 6, 26.	1.6	14
8	Growth, physiological, and antioxidant characteristics in green and red <i>Perilla frutescens</i> varieties as affected by temperature- and water-stressed conditions. <i>Scientia Horticulturae</i> , 2020, 274, 109682.	3.6	13
9	Using Chlorophyll Fluorescence and Vegetation Indices to Predict the Timing of Nitrogen Demand in <i>Pentas lanceolata</i> . <i>Horticultural Science and Technology</i> , 2015, 33, 845-853.	0.6	13
10	Effects of Salicylic Acid and Calcium Chloride on Heat Tolerance of Poinsettia. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2019, 54, 499-504.	1.0	10
11	Effects of Waterlogging with Different Water Resources on Plant Growth and Tolerance Capacity of Four Herbaceous Flowers in a Bioretention Basin. <i>Water (Switzerland)</i> , 2020, 12, 1619.	2.7	9
12	Protective Effects of Salicylic Acid and Calcium Chloride on Sage Plants ( <i>Salvia officinalis</i> L. and) <i>Tj ETQq0 0 0 rgBT (Overlock, 10 Tf 50 30</i>	3.5	9
13	Response of shoot growth, photosynthetic capacity, flowering, and fruiting of potted "Nagami"™ kumquat to different regulated deficit irrigation. <i>Horticulture Environment and Biotechnology</i> , 2015, 56, 444-454.	2.1	8
14	Biostimulation of Maize ( <i>Zea mays</i> ) and Irrigation Management Improved Crop Growth and Water Use under Controlled Environment. <i>Agronomy</i> , 2019, 9, 559.	3.0	7
15	The Induction of Adventitious Roots Regeneration before Transplanting Rootless <i>Ficus elastica</i> Heritage Tree. <i>Forests</i> , 2020, 11, 1057.	2.1	6
16	Screening Growth and Root Formation in Cadmium-Treated Turfgrass Using a Whole-Plant Microculture System. <i>Journal of Plant Nutrition</i> , 2005, 28, 1041-1048.	1.9	5
17	Evaluation of vegetation indices and plant growth regulator use on the rooting of azalea cuttings. <i>Horticultura Brasileira</i> , 2020, 38, 153-159.	0.5	5
18	<i>Phalaenopsis</i> efficiently acclimate to highlight environment through orchid mycorrhization. <i>Scientia Horticulturae</i> , 2014, 179, 184-190.	3.6	4

#	ARTICLE	IF	CITATIONS
19	Cryopreservation of Orchid Genetic Resources by Desiccation: A Case Study of <i>Bletilla formosana</i> . , 0, , .		4
20	Temperature Effects on Shoot Growth and Flowering of Kumquat Trees. Horticultural Science and Technology, 2014, 32, 1-9.	0.6	4
21	Growth and union acclimation process of sweet pepper grafted by a tubing-grafting robotic system. Horticulture Environment and Biotechnology, 2012, 53, 93-101.	2.1	3
22	Effects of plant growth regulators and polyamines on bract longevity in <i>Bougainvillea buttiana</i> . Horticulture Environment and Biotechnology, 2021, 62, 149-157.	2.1	2
23	Comparison of the Effects of Plant Parables on the Promotion of Spiritual Benefits in Students with Differing Horticultural Backgrounds. HortTechnology, 2010, 20, 568-573.	0.9	2
24	Visual ecology: Outdoor light environment for plant design by computer simulation. Building and Environment, 2007, 42, 2920-2928.	6.9	1
25	Chlorophyll Fluorescence and Leaf-Air Temperature Difference as Potential Shade-Tolerance Indexes of Ornamental Plants. Advanced Science Letters, 2013, 19, 3063-3066.	0.2	1
26	Applying Reflectance Spectrum to Evaluate Water Content in <i>Pachira Macrocarpa</i> . Advanced Science Letters, 2012, 13, 784-786.	0.2	0
27	The Correlation Between Shade Tolerance and Leaf Characteristics of Ten Urban Landscape Plants. Advanced Science Letters, 2012, 13, 836-840.	0.2	0
28	Autofluorescence Approaches to Observation of Mycorrhizal Colonization in Five Orchids. Advanced Science Letters, 2012, 13, 400-405.	0.2	0
29	Effects of Light-Emitting Diodes Light Quality on Green-Braided <i>Pachira macrocarpa</i> Production. Advanced Science Letters, 2013, 19, 3004-3006.	0.2	0