Yang Liu

List of Publications by Year
in descending order

22 papers	769 citations	758635 12 h-index	752256 20 g-index
24 all docs	24 docs citations	24 times ranked	1535 citing authors

#	Article	IF	Citations
1	Insights into salt tolerance from the genome of Thellungiella salsuginea. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 12219-12224.	3.3	272
2	A roadmap for urban evolutionary ecology. Evolutionary Applications, 2019, 12, 384-398.	1.5	161
3	Expression Patterns of ABA and GA Metabolism Genes and Hormone Levels during Rice Seed Development and Imbibition: A Comparison of Dormant and Non-Dormant Rice Cultivars. Journal of Genetics and Genomics, 2014, 41, 327-338.	1.7	69
4	ZEBRA2, encoding a carotenoid isomerase, is involved in photoprotection in rice. Plant Molecular Biology, 2011, 75, 211-221.	2.0	54
5	Landscape of fluid sets of hairpin-derived 21-/24-nt-long small RNAs at seed set uncovers special epigenetic features in Picea glauca. Genome Biology and Evolution, 2017, 9, evw283.	1.1	34
6	Genetic transformation of lipid transfer protein encoding gene in Phalaenopsis amabilis to enhance cold resistance. Euphytica, 2011, 177, 33-43.	0.6	28
7	Timing of seed germination correlated with temperature-based environmental conditions during seed development in conifers. Seed Science Research, 2015, 25, 29-45.	0.8	20
8	Phenotypic plasticity of natural Populus trichocarpa populations in response to temporally environmental change in a common garden. BMC Evolutionary Biology, 2019, 19, 231.	3.2	18
9	Changes in hormone flux and signaling in white spruce (Picea glauca) seeds during the transition from dormancy to germination in response to temperature cues. BMC Plant Biology, 2015, 15, 292.	1.6	17
10	Evapotranspiration and favorable growing degree-days are key to tree height growth and ecosystem functioning: Meta-analyses of Pacific Northwest historical data. Scientific Reports, 2018, 8, 8228.	1.6	15
11	Impact of temperature shifts on the joint evolution of seed dormancy and size. Ecology and Evolution, 2017, 7, 26-37.	0.8	14
12	Regulatory crosstalk between microRNAs and hormone signalling cascades controls the variation on seed dormancy phenotype at Arabidopsis thaliana seed set. Plant Cell Reports, 2017, 36, 705-717.	2.8	12
13	Contributions of dynamic environmental signals during life-cycle transitions to early life-history traits in lodgepole pine (<i>Pinus contorta</i> Dougl.). Biogeosciences, 2016, 13, 2945-2958.	1.3	9
14	Improving lodgepole pine genomic evaluation using spatial correlation structure and SNP selection with single-step GBLUP. Heredity, 2022, 128, 209-224.	1.2	9
15	Global Analysis of Small RNA Dynamics during Seed Development of Picea glauca and Arabidopsis thaliana Populations Reveals Insights on their Evolutionary Trajectories. Frontiers in Plant Science, 2017, 8, 1719.	1.7	8
16	The role of moist-chilling and thermo-priming on the germination characteristics of white spruce (Picea glauca) seed. Seed Science and Technology, 2013, 41, 321-335.	0.6	7
17	Novel Insights into Plant Genome Evolution and Adaptation as Revealed through Transposable Elements and Non-Coding RNAs in Conifers. Genes, 2019, 10, 228.	1.0	7
18	Roles of the Environment in Plant Life-History Trade-offs. , 2017, , .		6

#	Article	IF	Citations
19	Ecological drivers of plant life-history traits: Assessment of seed mass and germination variation using climate cues and nitrogen resources in conifers. Ecological Indicators, 2020, 117, 106517.	2.6	6
20	Transcriptome-wide analysis of introgression-resistant regions reveals genetic divergence genes under positive selection in Populus trichocarpa. Heredity, 2021, 126, 442-462.	1.2	2
21	Conservation prioritization based on past cascading climatic effects on genetic diversity and population size dynamics: Insights from a temperate tree species. Diversity and Distributions, 2022, 28, 2712-2728.	1.9	1
22	Techniques for Small Non-Coding RNA Analysis in Seeds of Forest Tree Species. Methods in Molecular Biology, 2020, 2093, 217-225.	0.4	0