Ya Zhang

List of Publications by Year
in descending order

11	478	933447 10	1281871 11
papers	citations	h-index	g-index

13	13	13	422
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A More Drought Resistant Stem Xylem of Southern Highbush Than Rabbiteye Blueberry Is Linked to Its Anatomy. Agronomy, 2022, 12, 1244.	3.0	4
2	Pore constrictions in intervessel pit membranes provide a mechanistic explanation for xylem embolism resistance in angiosperms. New Phytologist, 2021, 230, 1829-1843.	7.3	63
3	Within-tree variability and sample storage effects of bordered pit membranes in xylem of Acer pseudoplatanus. Trees - Structure and Function, 2020, 34, 61-71.	1.9	31
4	High porosity with tiny pore constrictions and unbending pathways characterize the 3D structure of intervessel pit membranes in angiosperm xylem. Plant, Cell and Environment, 2020, 43, 116-130.	5.7	60
5	The Pneumatron: An automated pneumatic apparatus for estimating xylem vulnerability to embolism at high temporal resolution. Plant, Cell and Environment, 2020, 43, 131-142.	5.7	33
6	Root xylem in three woody angiosperm species is not more vulnerable to embolism than stem xylem. Plant and Soil, 2020, 450, 479-495.	3.7	26
7	Function and three-dimensional structure of intervessel pit membranes in angiosperms: a review. IAWA Journal, 2019, 40, 673-702.	2.7	66
8	Testing the plant pneumatic method to estimate xylem embolism resistance in stems of temperate trees. Tree Physiology, 2018, 38, 1016-1025.	3.1	47
9	An inconvenient truth about xylem resistance to embolism in the model species for refilling Laurus nobilis L.. Annals of Forest Science, 2018, 75, 1.	2.0	53
10	Is xylem of angiosperm leaves less resistant to embolism than branches? Insights from microCT, hydraulics, and anatomy. Journal of Experimental Botany, 2018, 69, 5611-5623.	4.8	46
11	Bordered pits in xylem of vesselless angiosperms and their possible misinterpretation as perforation plates. Plant, Cell and Environment, 2017, 40, 2133-2146.	5.7	47