Andrea Nardini

List of Publications by Year
in descending order

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146 papers	10,998 citations	29994 54 h-index	33814 99 g-index
146 all docs	146 docs citations	146 times ranked	8006 citing authors

#	Article	IF	Citations
1	Global convergence in the vulnerability of forests to drought. Nature, 2012, 491, 752-755.	13.7	1,944
2	Weak tradeoff between xylem safety and xylemâ€specific hydraulic efficiency across the world's woody plant species. New Phytologist, 2016, 209, 123-136.	3.5	466
3	Refilling embolized xylem conduits: Is it a matter of phloem unloading?. Plant Science, 2011, 180, 604-611.	1.7	321
4	Refilling of Embolized Vessels in Young Stems of Laurel. Do We Need a New Paradigm?1. Plant Physiology, 1999, 120, 11-22.	2.3	300
5	Limitation of stomatal conductance by hydraulic traits: sensing or preventing xylem cavitation?. Trees - Structure and Function, 2000, 15, 14-24.	0.9	293
6	Xylem cavitation and hydraulic control of stomatal conductance in Laurel (Laurus nobilis L.). Plant, Cell and Environment, 2000, 23, 71-79.	2.8	254
7	Stomatal closure is induced by hydraulic signals and maintained by ABA in drought-stressed grapevine. Scientific Reports, 2015, 5, 12449.	1.6	245
8	New evidence for a role of vessel-associated cells and phloem in the rapid xylem refilling of cavitated stems of Laurus nobilis L.. Plant, Cell and Environment, 2004, 27, 1065-1076.	2.8	238
9	Xylem Cavitation in the Leaf of Prunus laurocerasusand Its Impact on Leaf Hydraulics. Plant Physiology, 2001, 125, 1700-1709.	2.3	202
10	Shoot desiccation and hydraulic failure in temperate woody angiosperms during an extreme summer drought. New Phytologist, 2013, 200, 322-329.	3.5	176
11	Starch-to-sugar conversion in wood parenchyma of field-growing Laurus nobilis plants: a component of the signal pathway for embolism repair?. Functional Plant Biology, 2009, 36, 815.	1.1	166
12	Mechanisms of woody-plant mortality under rising drought, CO2 and vapour pressure deficit. Nature Reviews Earth & Environment, 2022, 3, 294-308.	12.2	163
13	Tradeâ€offs between leaf hydraulic capacity and drought vulnerability: morphoâ€anatomical bases, carbon costs and ecological consequences. New Phytologist, 2012, 196, 788-798.	3.5	161
14	Hydraulic architecture of leaf blades: where is the main resistance?. Plant, Cell and Environment, 2004, 27, 1257-1267.	2.8	159
15	More than just a vulnerable pipeline: xylem physiology in the light of ion-mediated regulation of plant water transport. Journal of Experimental Botany, 2011, 62, 4701-4718.	2.4	138
16	Rooting depth, water relations and nonâ€structural carbohydrate dynamics in three woody angiosperms differentially affected by an extreme summer drought. Plant, Cell and Environment, 2016, 39, 618-627.	2.8	126
17	The dependence of leaf hydraulic conductance on irradiance during HPFM measurements: any role for stomatal response?. Journal of Experimental Botany, 2005, 56, 737-744.	2.4	119
18	Circadian regulation of leaf hydraulic conductance in sunflower (Helianthus annuus L. cv Margot). Plant, Cell and Environment, 2005, 28, 750-759.	2.8	118

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19	Xylem embolism refilling and resilience against droughtâ€induced mortality in woody plants: processes and tradeâ€offs. Ecological Research, 2018, 33, 839-855.	0.7	116
20	Leaf hydraulic capacity and drought vulnerability: possible tradeâ€offs and correlations with climate across three major biomes. Functional Ecology, 2014, 28, 810-818.	1.7	112
21	Droughtâ€induced xylem cavitation and hydraulic deterioration: risk factors for urban trees under climate change?. New Phytologist, 2015, 205, 1106-1116.	3.5	111
22	Competitive strategies for water availability in two Mediterranean Quercus species. Plant, Cell and Environment, 1999, 22, 109-116.	2.8	108
23	Vulnerability to cavitation of leaf minor veins: any impact on leaf gas exchange?. Plant, Cell and Environment, 2001, 24, 851-859.	2.8	104
24	Changes in root hydraulic conductance (KR) of Olea oleaster seedlings following drought stress and irrigation. New Phytologist, 1998, 140, 25-31.	3.5	101
25	The challenge of the Mediterranean climate to plant hydraulics: Responses and adaptations. Environmental and Experimental Botany, 2014, 103, 68-79.	2.0	96
26	Changes in leaf hydraulic conductance correlate with leaf vein embolism in Cercis siliquastrum L.. Trees - Structure and Function, 2003, 17, 529-534.	0.9	95
27	Relax and refill: xylem rehydration prior to hydraulic measurements favours embolism repair in stems and generates artificially low <scp>PLC</scp> values. Plant, Cell and Environment, 2014, 37, 2491-2499.	2.8	94
28	Root and shoot hydraulic conductance of seven Quercus species. Annales Des Sciences ForestiÃ¨res, 1999, 56, 371-377.	1.1	93
29	Influence of substrate depth and vegetation type on temperature and water runoff mitigation by extensive green roofs: shrubs versus herbaceous plants. Urban Ecosystems, 2012, 15, 697-708.	1.1	93
30	Drought resistance of Quercus pubescens as a function of root hydraulic conductance, xylem embolism and hydraulic architecture. New Phytologist, 1999, 143, 485-493.	3.5	87
31	Ultrasound acoustic emissions from dehydrating leaves of deciduous and evergreen trees. Plant, Cell and Environment, 1997, 20, 1381-1390.	2.8	83
32	Diurnal and seasonal variations in leaf hydraulic conductance in evergreen and deciduous trees. Tree Physiology, 2005, 25, 505-512.	1.4	76
33	The Possible Role of Non-Structural Carbohydrates in the Regulation of Tree Hydraulics. International Journal of Molecular Sciences, 2020, 21, 144.	1.8	76
34	Title is missing!. Plant Ecology, 2000, 148, 139-147.	0.7	75
35	Diurnal changes in embolism rate in nine dry forest trees: relationships with species-specific xylem vulnerability, hydraulic strategy and wood traits. Tree Physiology, 2015, 35, 694-705.	1.4	75
36	Effects of defoliation caused by the leaf miner Cameraria ohridella on wood production and efficiency in Aesculus hippocastanum growing in north-eastern Italy. Trees - Structure and Function, 2003, 17, 367-375.	0.9	74

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37	Do quantitative vessel and pit characters account for ionâ€mediated changes in the hydraulic conductance of angiosperm xylem?. New Phytologist, 2011, 189, 218-228.	3.5	74
38	Drought resistance of Ailanthus altissima: root hydraulics and water relations. Tree Physiology, 2004, 24, 107-114.	1.4	71
39	Hydraulic efficiency of the leaf venation system in sun- and shade-adapted species. Functional Plant Biology, 2005, 32, 953.	1.1	71
40	Species-specific reversal of stem xylem embolism after a prolonged drought correlates to endpoint concentration of soluble sugars. Plant Physiology and Biochemistry, 2016, 106, 198-207.	2.8	70
41	The contribution of vascular and extra-vascular water pathways to drought-induced decline of leaf hydraulic conductance. Journal of Experimental Botany, 2016, 67, 5029-5039.	2.4	70
42	Short-term effects of potassium fertilization on the hydraulic conductance of Laurus nobilis L.. Tree Physiology, 2011, 31, 131-138.	1.4	69
43	Coping with drought-induced xylem cavitation: coordination of embolism repair and ionic effects in three Mediterranean evergreens. Tree Physiology, 2014, 34, 109-122.	1.4	69
44	Relationships between stomatal behavior, xylem vulnerability to cavitation and leaf water relations in two cultivars of Vitis vinifera. Physiologia Plantarum, 2014, 152, 453-464.	2.6	68
45	Ion-mediated increase in the hydraulic conductivity of Laurel stems: role of pits and consequences for the impact of cavitation on water transport. Plant, Cell and Environment, 2006, 29, 1946-1955.	2.8	67
46	Changes in leaf hydraulics and stomatal conductance following drought stress and irrigation in Ceratonia siliqua (Carob tree). Physiologia Plantarum, 2003, 117, 186-194.	2.6	65
47	Ion-mediated enhancement of xylem hydraulic conductivity is not always suppressed by the presence of Ca2+ in the sap. Journal of Experimental Botany, 2007, 58, 2609-2615.	2.4	63
48	Changes of xylem sap ionic content and stem hydraulics in response to irradiance in Laurus nobilis. Tree Physiology, 2010, 30, 628-635.	1.4	63
49	Plasticity in leafâ€level water relations of tropical rainforest trees in response to experimental drought. New Phytologist, 2016, 211, 477-488.	3.5	62
50	Water stress-induced modifications of leaf hydraulic architecture in sunflower: co-ordination with gas exchange. Journal of Experimental Botany, 2005, 56, 3093-3101.	2.4	60
51	Xâ€ray microtomography observations of xylem embolism in stems of Laurus nobilis are consistent with hydraulic measurements of percentage loss of conductance. New Phytologist, 2017, 213, 1068-1075.	3.5	60
52	Impact of the leaf miner Cameraria ohridella on photosynthesis, water relations and hydraulics of Aesculus hippocastanum leaves. Trees - Structure and Function, 2003, 17, 376-382.	0.9	59
53	Kinetics of recovery of leaf hydraulic conductance and vein functionality from cavitation-induced embolism in sunflower. Journal of Experimental Botany, 2003, 54, 2323-2330.	2.4	59
54	Are Sclerophylls and Malacophylls Hydraulically Different?. Biologia Plantarum, 2001, 44, 239-245.	1.9	55

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55	Post-drought hydraulic recovery is accompanied by non-structural carbohydrate depletion in the stem wood of Norway spruce saplings. Scientific Reports, 2017, 7, 14308.	1.6	55
56	Axial-to-radial water permeability of leaf major veins: a possible determinant of the impact of vein embolism on leaf hydraulics?. Plant, Cell and Environment, 2003, 26, 1749-1758.	2.8	54
57	Effects of the experimental blockage of the major veins on hydraulics and gas exchange of Prunus laurocerasus L. leaves. Journal of Experimental Botany, 2003, 54, 1213-1219.	2.4	53
58	Is rootstock-induced dwarfing in olive an effect of reduced plant hydraulic efficiency?. Tree Physiology, 2006, 26, 1137-1144.	1.4	53
59	Insights from inÂvivo microâ€<scp>CT</scp> analysis: testing the hydraulic vulnerability segmentation in Acer pseudoplatanus and Fagus sylvatica seedlings. New Phytologist, 2019, 221, 1831-1842.	3.5	53
60	Effects of prolonged drought on stem non-structural carbohydrates content and post-drought hydraulic recovery in Laurus nobilis L.: The possible link between carbon starvation and hydraulic failure. Plant Physiology and Biochemistry, 2017, 120, 232-241.	2.8	52
61	Make it simpler: Alien species decrease functional diversity of coastal plant communities. Journal of Vegetation Science, 2019, 30, 498-509.	1.1	52
62	Green roofs for a drier world: Effects of hydrogel amendment on substrate and plant water status. Science of the Total Environment, 2014, 490, 467-476.	3.9	51
63	Impact of different green roof layering on plant water status and drought survival. Ecological Engineering, 2013, 57, 188-196.	1.6	49
64	Changes in Stem and Leaf Hydraulics Preceding Leaf Shedding in Castanea Sativa L.. Biologia Plantarum, 2002, 45, 227-234.	1.9	48
65	Vein cavitation and stomatal behaviour of sunflower (Helianthus annuus) leaves under water limitation. Physiologia Plantarum, 2003, 119, 409-417.	2.6	48
66	Xylem embolism alleviated by ion-mediated increase in hydraulic conductivity of functional xylem: insights from field measurements. Tree Physiology, 2008, 28, 1505-1512.	1.4	48
67	Effects of prescribed burning on ecophysiological, anatomical and stem hydraulic properties inPinus pineaL.. Tree Physiology, 2016, 36, 1019-1031.	1.4	48
68	Hydraulic recovery from xylem embolism in excised branches of twelve woody species: Relationships with parenchyma cells and non-structural carbohydrates. Plant Physiology and Biochemistry, 2019, 139, 513-520.	2.8	48
69	Resistance to water flow through leaves of Coffea arabica is dominated by extra-vascular tissues. Functional Plant Biology, 2004, 31, 1161.	1.1	47
70	Water relations and hydraulic characteristics of three woody species co-occurring in the same habitat. Annals of Forest Science, 2003, 60, 297-305.	0.8	46
71	Rootstock effects on xylem conduit dimensions and vulnerability to cavitation of Olea europaea L.. Trees - Structure and Function, 2007, 21, 549-556.	0.9	45
72	Plant performance on Mediterranean green roofs: interaction of species-specific hydraulic strategies and substrate water relations. AoB PLANTS, 2015, 7, .	1.2	44

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73	Hydraulics in the 21st century. New Phytologist, 2019, 224, 537-542.	3.5	44
74	Expression of PIP1 and PIP2 aquaporins is enhanced in olive dwarf genotypes and is related to root and leaf hydraulic conductance. Physiologia Plantarum, 2007, 130, 543-551.	2.6	43
75	When smaller is better: leaf hydraulic conductance and drought vulnerability correlate to leaf size and venation density across four Coffea arabica genotypes. Functional Plant Biology, 2014, 41, 972.	1.1	43
76	Vein recovery from embolism occurs under negative pressure in leaves of sunflower (Helianthus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	2.6	41
77	Postâ€fire effects in xylem hydraulics of Picea abies, Pinus sylvestris and Fagus sylvatica. New Phytologist, 2018, 217, 1484-1493.	3.5	41
78	Leafminers help us understanding leaf hydraulic design. Plant, Cell and Environment, 2010, 33, 1091-100.	2.8	40
79	Ion-mediated enhancement of xylem hydraulic conductivity in four Acer species: relationships with ecological and anatomical features. Tree Physiology, 2012, 32, 1434-1441.	1.4	40
80	The pitfalls of inÂvivo imaging techniques: evidence for cellular damage caused by synchrotron Xâ€ray computed microâ€tomography. New Phytologist, 2018, 220, 104-110.	3.5	40
81	Impact of the leaf miner Cameraria ohridella on whole-plant photosynthetic productivity of Aesculus hippocastanum: insights from a model. Trees - Structure and Function, 2004, 18, 714-721.	0.9	39
82	Non-structural carbohydrate and hydraulic dynamics during drought and recovery in Fraxinus ornus and Ostrya carpinifolia saplings. Plant Physiology and Biochemistry, 2019, 145, 1-9.	2.8	38
83	Vulnerability to xylem embolism correlates to wood parenchyma fraction in angiosperms but not in gymnosperms. Tree Physiology, 2019, 39, 1675-1684.	1.4	38
84	OUP accepted manuscript. Tree Physiology, 2017, 37, 523-535.	1.4	36
85	Less safety for more efficiency: water relations and hydraulics of the invasive treeAilanthus altissima(Mill.) Swingle compared with nativeFraxinus ornusL.. Tree Physiology, 2019, 39, 76-87.	1.4	36
86	Correlation of Field-Measured and Remotely Sensed Plant Water Status as a Tool to Monitor the Risk of Drought-Induced Forest Decline. Forests, 2020, 11, 77.	0.9	36
87	Drought versus heat: What's the major constraint on Mediterranean green roof plants?. Science of the Total Environment, 2016, 566-567, 753-760.	3.9	35
88	Shadeâ€induced reduction of stem nonstructural carbohydrates increases xylem vulnerability to embolism and impedes hydraulic recovery in Populus nigra. New Phytologist, 2021, 231, 108-121.	3.5	34
89	Pit membrane chemistry influences the magnitude of ion-mediated enhancement of xylem hydraulic conductance in four Lauraceae species. Tree Physiology, 2011, 31, 48-58.	1.4	33
90	Interplay of growth rate and xylem plasticity for optimal coordination of carbon and hydraulic economies inFraxinus ornustrees. Tree Physiology, 2016, 36, 1310-1319.	1.4	33

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91	Drought-induced embolism in stems of sunflower: A comparison of inÂvivo micro-CT observations and destructive hydraulic measurements. Plant Physiology and Biochemistry, 2017, 120, 24-29.	2.8	33
92	Heterogeneity of gas exchange rates over the leaf surface in tobacco: an effect of hydraulic architecture?. Plant, Cell and Environment, 2008, 31, 804-812.	2.8	32
93	Ion-mediated compensation for drought-induced loss of xylem hydraulic conductivity in field-growing plants of Laurus nobilis. Functional Plant Biology, 2011, 38, 606.	1.1	32
94	Seasonal changes in the ion-mediated increase of xylem hydraulic conductivity in stems of three evergreens: any functional role?. Physiologia Plantarum, 2007, 129, 597-606.	2.6	31
95	Aquaporins in Coffea arabica L.: Identification, expression, and impacts on plant water relations and hydraulics. Plant Physiology and Biochemistry, 2015, 95, 92-102.	2.8	30
96	Chemical inhibition of xylem cellular activity impedes the removal of droughtâ€induced embolisms in poplar stems â€“ new insights from microâ€CT analysis. New Phytologist, 2021, 229, 820-830.	3.5	30
97	The hydraulic conductance of Fraxinus ornus leaves is constrained by soil water availability and coordinated with gas exchange rates. Tree Physiology, 2009, 29, 529-539.	1.4	29
98	Leaf hydraulic vulnerability protects stem functionality under drought stress in Salvia officinalis. Functional Plant Biology, 2016, 43, 370.	1.1	29
99	Water â€˜on the rocksâ€™: a summer drink for thirsty trees?. New Phytologist, 2021, 229, 199-212.	3.5	29
100	Xylem sap chemistry: seasonal changes in timberline conifers Pinus cembra, Picea abies, and Larix decidua. Biologia Plantarum, 2018, 62, 157-165.	1.9	26
101	Hydraulic architecture of plants of Helianthus annuus L. cv. Margot: evidence for plant segmentation in herbs. Journal of Experimental Botany, 2004, 55, 1549-1556.	2.4	25
102	Effects of reduced irradiance on hydraulic architecture and water relations of two olive clones with different growth potentials. Environmental and Experimental Botany, 2009, 66, 249-256.	2.0	25
103	Alternative methods for scaling leaf hydraulic conductance offer new insights into the structure - function relationships of sun and shade leaves. Functional Plant Biology, 2012, 39, 394.	1.1	25
104	Sampling intraspecific variability in leaf functional traits: Practical suggestions to maximize collected information. Ecology and Evolution, 2017, 7, 11236-11245.	0.8	25
105	Analysis of Non-Structural Carbohydrates and Xylem Anatomy of Leaf Petioles Offers New Insights in the Drought Response of Two Grapevine Cultivars. International Journal of Molecular Sciences, 2020, 21, 1457.	1.8	25
106	Close to the edge: effects of repeated severe drought on stem hydraulics and non-structural carbohydrates in European beech saplings. Tree Physiology, 2019, 39, 717-728.	1.4	24
107	Title is missing!. Plant Ecology, 1998, 139, 81-90.	0.7	23
108	Does short-term potassium fertilization improve recovery from drought stress in laurel?. Tree Physiology, 2014, 34, 906-913.	1.4	23

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109	Water relations of two Sicilian grapevine cultivars in response to potassium availability and drought stress. Plant Physiology and Biochemistry, 2020, 148, 282-290.	2.8	23
110	Leaf hydraulic architecture and water relations of three ferns from contrasting light habitats. Functional Plant Biology, 2010, 37, 566.	1.1	22
111	Morpho-anatomical and physiological traits in saplings of drought-tolerant Mediterranean woody species. Trees - Structure and Function, 2017, 31, 1137-1148.	0.9	22
112	Vineyard water relations in a karstic area: deep roots and irrigation management. Agriculture, Ecosystems and Environment, 2018, 263, 53-59.	2.5	22
113	A simplified framework for fast and reliable measurement of leaf turgor loss point. Plant Physiology and Biochemistry, 2019, 139, 395-399.	2.8	22
114	Hydraulic kinetics of the graft union in different Olea europaea L. scion/rootstock combinations. Environmental and Experimental Botany, 2007, 60, 245-250.	2.0	21
115	On research priorities to advance understanding of the safetyâ€“efficiency tradeoff in xylem. New Phytologist, 2016, 211, 1156-1158.	3.5	21
116	More nature in the city. Plant Biosystems, 2020, 154, 1003-1006.	0.8	21
117	Hard and tough: the coordination between leaf mechanical resistance and drought tolerance. Flora: Morphology, Distribution, Functional Ecology of Plants, 2022, 288, 152023.	0.6	21
118	Does shallow substrate improve water status of plants growing on green roofs? Testing the paradox in two sub-Mediterranean shrubs. Ecological Engineering, 2015, 84, 292-300.	1.6	19
119	Water relation parameters of six Peltigera species correlate with their habitat preferences. Fungal Ecology, 2013, 6, 397-407.	0.7	18
120	Water relations of an invasive halophyte (Spartina patens): osmoregulation and ionic effects on xylem hydraulics. Functional Plant Biology, 2015, 42, 264.	1.1	16
121	Reduced Content of Homogalacturonan Does Not Alter the Ion-Mediated Increase in Xylem Hydraulic Conductivity in Tobacco. Plant Physiology, 2007, 143, 1975-1981.	2.3	15
122	Changes in abscisic acid content during and after drought are related to carbohydrate mobilization and hydraulic recovery in poplar stems. Tree Physiology, 2020, 40, 1043-1057.	1.4	15
123	From systematic to ecological wood anatomy and finally plant hydraulics: are we making progress in understanding xylem evolution?. New Phytologist, 2014, 203, 12-15.	3.5	14
124	Drought Stress and the Recovery from Xylem Embolism in Woody Plants. Progress in Botany Fortschritte Der Botanik, 2017, , 197-231.	0.1	14
125	Functional differentiation of invasive and native plants along a leaf efficiency/safety trade-off. Environmental and Experimental Botany, 2021, 188, 104518.	2.0	14
126	The extraâ€vascular water pathway regulates dynamic leaf hydraulic decline and recovery in Populus nigra. Physiologia Plantarum, 2021, 172, 29-40.	2.6	13

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127	Too dry to survive: Leaf hydraulic failure in two Salvia species can be predicted on the basis of water content. Plant Physiology and Biochemistry, 2021, 166, 215-224.	2.8	13
128	Grapevine water relations and rooting depth in karstic soils. Science of the Total Environment, 2019, 692, 669-675.	3.9	12
129	Functional Divergence Drives Invasibility of Plant Communities at the Edges of a Resource Availability Gradient. Diversity, 2020, 12, 148.	0.7	12
130	Elevational trends in hydraulic efficiency and safety of Pinus cembra roots. Oecologia, 2016, 180, 1091-1102.	0.9	11
131	Seasonal changes of plant hydraulics, water relations and growth of Aesculus hippocastanum seedlings infested by the leafminer Cameraria ohridella. Annals of Forest Science, 2005, 62, 99-104.	0.8	10
132	Relationships between water status and photosystem functionality in a chlorolichen and its isolated photobiont. Planta, 2018, 247, 705-714.	1.6	10
133	OUP accepted manuscript. , 2019, 7, coz012.		10
134	Effects of NaCl addition to the growing medium on plant hydraulics and water relations of tomato. Functional Plant Biology, 2013, 40, 459.	1.1	9
135	Plasticity of functional traits of tree of heaven is higher in exotic than in native habitats. Trees - Structure and Function, 2019, 33, 411-420.	0.9	9
136	Changes of pH of solutions during perfusion through stem segments: further evidence for hydrogel regulation of xylem hydraulic properties?. Biologia Plantarum, 2008, 52, 502-506.	1.9	8
137	A tracheomycosis as a tool for studying the impact of stem xylem dysfunction on leaf water status and gas exchange in Citrus aurantium L.. Trees - Structure and Function, 2010, 24, 327-333.	0.9	8
138	Hydraulic engineering of the angiosperm leaf: do the Baileyan trends in perforation plate evolution account for the origin of high vein density?. New Phytologist, 2013, 199, 627-629.	3.5	7
139	Turgor loss point and vulnerability to xylem embolism predict speciesâ€specific risk of droughtâ€induced decline of urban trees. Plant Biology, 2022, 24, 1198-1207.	1.8	7
140	A Leaf Selfie: Using a Smartphone to Quantify Leaf Vulnerability to Hydraulic Dysfunction. Plants, 2020, 9, 234.	1.6	6
141	Stem Photosynthesis Affects Hydraulic Resilience in the Deciduous Populusalba but Not in the Evergreen Laurus nobilis. Water (Switzerland), 2021, 13, 2911.	1.2	6
142	No Evidence for Light-Induced Embolism Repair in Cut Stems of Drought-Resistant Mediterranean Species under Soaking. Plants, 2022, 11, 307.	1.6	5
143	High spatial heterogeneity of water stress levels in RefoÅ¡k grapevines cultivated in Classical Karst. Agricultural Water Management, 2022, 260, 107288.	2.4	4
144	Can trees harden up to survive global change-type droughts?. Tree Physiology, 2021, 41, 2004-2007.	1.4	3

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145	Alpine dwarf shrubs show high proportions of nonfunctional xylem: Visualization and quantification of speciesâ€specific patterns. Plant, Cell and Environment, 2022, 45, 55-68.	2.8	1
146	Green roof irrigation management based on substrate water potential assures water saving without affecting plant physiological performance. Ecohydrology, 0, , .	1.1	1