The Anatomy and Functioning of the Xylem in Oaks

DOI: 10.1007/978-3-319-69099-5_8
Tree Physiology, 2017, , 261-302.

#	Paper	IF	Citations
11	The Involvement of Phytophthora Root Rot and Drought Stress in Holm Oak Decline: from Ecophysiology to Microbiome Influence. *Current Forestry Reports*, **2019**, 5, 251-266	8	10
10	Correlated evolution of morphology, gas exchange, growth rates and hydraulics as a response to precipitation and temperature regimes in oaks (Quercus). *New Phytologist*, **2020**, 227, 794-809	9.8	22
9	Seasonal variation in native hydraulic conductivity between two deciduous oak species. *Journal of Plant Ecology*, **2020**, 13, 78-86	1.7	1
8	Reforesting drylands under novel climates with extreme drought filters: The importance of trait-based species selection. *Forest Ecology and Management*, **2020**, 467, 118156	3.9	6
7	Root vascular traits differ systematically between African savanna tree and grass species, with implications for water use. *American Journal of Botany*, **2021**, 108, 83-90	2.7	2
6	The role of wood anatomical traits in the coexistence of oak species along an environmental gradient. *AoB PLANTS*, **2021**, 13, plab066	2.9	1
5	Adaptive variation among oaks in wood anatomical properties is shaped by climate of origin and shows limited plasticity across environments. *Functional Ecology*,	5.6	2
4	Inverse analysis of oxygen diffusivity in oak wood using the back-face method: application to cooperage. *Wood Science and Technology*, **2022**, 56, 219-239	2.5	
3	Strategies to mitigate shifts in red oak (Quercus sect. Lobatae) distribution under a changing climate. *Tree Physiology*,	4.2	
2	Stem hydraulic conductivity and embolism resistance of Quercus species are associated with their climatic niche.		0
1	Revue documentaire et nouvelles perspectives de l'anatomie du bois aidant à mieux comprendre et lutter contre le flétrissement du chêne. **2023**, 103, 1		0