

Elisabeth M R Robert

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

2,505
citations

430442

18
h-index

552369

26
g-index

26
all docs

26
docs citations

26
times ranked

5290
citing authors

#	ARTICLE	IF	CITATIONS
1	TRY plant trait database – enhanced coverage and open access. <i>Global Change Biology</i> , 2020, 26, 119-188.	4.2	1,038
2	A synthesis of radial growth patterns preceding tree mortality. <i>Global Change Biology</i> , 2017, 23, 1675-1690.	4.2	394
3	Low growth resilience to drought is related to future mortality risk in trees. <i>Nature Communications</i> , 2020, 11, 545.	5.8	228
4	Early-Warning Signals of Individual Tree Mortality Based on Annual Radial Growth. <i>Frontiers in Plant Science</i> , 2018, 9, 1964.	1.7	117
5	Temperature variation among mangrove latitudinal range limits worldwide. <i>Trees - Structure and Function</i> , 2012, 26, 1919-1931.	0.9	115
6	A safe hydraulic architecture as wood anatomical explanation for the difference in distribution of the mangroves <i>Avicennia</i> and <i>Rhizophora</i> . <i>Functional Ecology</i> , 2009, 23, 649-657.	1.7	70
7	Osmolality and Non-Structural Carbohydrate Composition in the Secondary Phloem of Trees across a Latitudinal Gradient in Europe. <i>Frontiers in Plant Science</i> , 2016, 7, 726.	1.7	60
8	Successive Cambia: A Developmental Oddity or an Adaptive Structure?. <i>PLoS ONE</i> , 2011, 6, e16558.	1.1	59
9	A Tree-Centered Approach to Assess Impacts of Extreme Climatic Events on Forests. <i>Frontiers in Plant Science</i> , 2016, 7, 1069.	1.7	51
10	A Patchy Growth via Successive and Simultaneous Cambia: Key to Success of the Most Widespread Mangrove Species <i>Avicennia marina</i> ?. <i>Annals of Botany</i> , 2007, 101, 49-58.	1.4	50
11	Flood-Ring Formation and Root Development in Response to Experimental Flooding of Young <i>Quercus robur</i> Trees. <i>Frontiers in Plant Science</i> , 2016, 7, 775.	1.7	40
12	Size does matter, but not only size: Two alternative dispersal strategies for viviparous mangrove propagules. <i>Aquatic Botany</i> , 2012, 103, 66-73.	0.8	37
13	Towards a common methodology for developing logistic tree mortality models based on ring-width data. <i>Ecological Applications</i> , 2016, 26, 1827-1841.	1.8	36
14	How to catch the patch? A dendrometer study of the radial increment through successive cambia in the mangrove <i>Avicennia</i> . <i>Annals of Botany</i> , 2014, 113, 741-752.	1.4	35
15	Mangrove growth rings: fact or fiction?. <i>Trees - Structure and Function</i> , 2011, 25, 49-58.	0.9	33
16	Rhizophoraceae Mangrove Saplings Use Hypocotyl and Leaf Water Storage Capacity to Cope with Soil Water Salinity Changes. <i>Frontiers in Plant Science</i> , 2016, 7, 895.	1.7	26
17	Viviparous mangrove propagules of <i>Ceriops tagal</i> and <i>Rhizophora mucronata</i> , where both Rhizophoraceae show different dispersal and establishment strategies. <i>Journal of Experimental Marine Biology and Ecology</i> , 2015, 468, 45-54.	0.7	22
18	Wide Ranging Insect Infestation of the Pioneer Mangrove <i>Sonneratia alba</i> by Two Insect Species along the Kenyan Coast. <i>PLoS ONE</i> , 2016, 11, e0154849.	1.1	20

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19	Tree differences in primary and secondary growth drive convergent scaling in leaf area to sapwood area across Europe. <i>New Phytologist</i> , 2018, 218, 1383-1392.	3.5	18
20	The Anatomy and Functioning of the Xylem in Oaks. <i>Tree Physiology</i> , 2017, , 261-302.	0.9	15
21	Effects of experimental sedimentation on the phenological dynamics and leaf traits of replanted mangroves at Gazi bay, Kenya. <i>Ecology and Evolution</i> , 2014, 4, 3187-3200.	0.8	14
22	Towards an unknown fate: The floating behaviour of recently abscised propagules from wide ranging Rhizophoraceae mangrove species. <i>Aquatic Botany</i> , 2017, 140, 23-33.	0.8	13
23	A Structural and Compositional Analysis of Intervessel pit Membranes in the Sapwood of some Mangrove Woods. <i>IAWA Journal</i> , 2012, 33, 243-256.	2.7	8
24	Computed Tomography and light microscopy: combining visualisation techniques in the study of mangrove seedling development. <i>IAWA Journal</i> , 2016, 37, 28-S3.	2.7	3
25	Zero-calorie sugar delivery to roots. <i>Nature Plants</i> , 2017, 3, 922-923.	4.7	2
26	Hydraulic conductivity and xylem structure of partially buried mangrove tree species. <i>Plant and Soil</i> , 2017, 417, 141-154.	1.8	1