

Angela Balzano

List of Publications by Year in descending order

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papers

443
citations

933447

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times ranked

656
citing authors

#	ARTICLE	IF	CITATIONS
1	TYLOSES AND GUMS: A REVIEW OF STRUCTURE, FUNCTION AND OCCURRENCE OF VESSEL OCCLUSIONS. IAWA Journal, 2016, 37, 186-205.	2.7	144
2	Xylogenesis reveals the genesis and ecological signal of IADFs in <i>Pinus pinea</i> L. and <i>Arbutus unedo</i> L.. Annals of Botany, 2018, 121, 1231-1242.	2.9	39
3	Timing of False Ring Formation in <i>Pinus halepensis</i> and <i>Arbutus unedo</i> in Southern Italy: Outlook from an Analysis of Xylogenesis and Tree-Ring Chronologies. Frontiers in Plant Science, 2016, 7, 705.	3.6	32
4	Fire influence on <i>Pinus halepensis</i> : wood responses close and far from the scars. IAWA Journal, 2013, 34, 446-458.	2.7	24
5	Are wood fibres as sensitive to environmental conditions as vessels in tree rings with intra-annual density fluctuations (IADFs) in Mediterranean species?. Trees - Structure and Function, 2016, 30, 971-983.	1.9	20
6	Wood-trait analysis to understand climatic factors triggering intra-annual density-fluctuations in co-occurring Mediterranean trees. IAWA Journal, 2019, 40, 241-258.	2.7	20
7	Improving Fungal Decay Resistance of Less Durable Sapwood by Impregnation with Scots Pine Knotwood and Black Locust Heartwood Hydrophilic Extractives with Antifungal or Antioxidant Properties. Forests, 2020, 11, 1024.	2.1	20
8	Morpho-anatomical and physiological traits of two <i>Bougainvillea</i> genotypes trained to two shapes under deficit irrigation. Trees - Structure and Function, 2017, 31, 173-187.	1.9	19
9	Combining Dendrometer Series and Xylogenesis Imageryâ€”DevX, a Simple Visualization Tool to Explore Plant Secondary Growth Phenology. Frontiers in Forests and Global Change, 2019, 2, .	2.3	17
10	Dust accumulation due to anthropogenic impact induces anatomical and photochemical changes in leaves of <i>Centranthus ruber</i> growing on the slope of the Vesuvius volcano. Plant Biology, 2020, 22, 93-102.	3.8	14
11	Optimal Surface Preparation for Wood Anatomy Research of Invasive Species by Scanning Electron Microscopy. Drvna Industrija, 2020, 71, 117-127.	0.6	11
12	Effects of Different Energy Intensities of Microwave Treatment on Heartwood and Sapwood Microstructures in Norway Spruce. Forests, 2021, 12, 598.	2.1	11
13	Alien Wood Species as a Resource for Wood-Plastic Composites. Applied Sciences (Switzerland), 2021, 11, 44.	2.5	11
14	Xylem Plasticity in <i>Pinus pinaster</i> and <i>Quercus ilex</i> Growing at Sites with Different Water Availability in the Mediterranean Region: Relations between Intra-Annual Density Fluctuations and Environmental Conditions. Forests, 2020, 11, 379.	2.1	10
15	Intra-seasonal trends in phloem traits in <i>Pinus</i> spp. from drought-prone environments. IAWA Journal, 2020, 41, 219-235.	2.7	7
16	Xylem and Phloem Formation Dynamics in <i>Quercus ilex</i> L. at a Dry Site in Southern Italy. Forests, 2021, 12, 188.	2.1	7
17	Scanning Electron Microscopy Protocol for Studying Anatomy of Highly Degraded Waterlogged Archaeological Wood. Forests, 2022, 13, 161.	2.1	7
18	Application of confocal laser scanning microscopy in dendrochronology. Les/Wood, 2019, 68, 5-17.	0.3	6

#	ARTICLE	IF	CITATIONS
19	Cell-wall fluorescence highlights the phases of xylogenesis. IAWA Journal, 2021, 43, 80-91.	1.0	5
20	Investigation of the material resistance and moisture performance of pubescent oak (Quercus Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 70	1.9	4
21	Assessment of Wooden Foundation Piles after 125 Years of Service. Forests, 2021, 12, 143.	2.1	3
22	Wood identification using non-destructive confocal laser scanning microscopy. Les/Wood, 2019, 68, 19-29.	0.3	3
23	Wood formation in Norway spruce on a lowland site in Slovenia in 2015 and comparison with other conifers all over Europe. Les/Wood, 2017, 66, 15-27.	0.3	2
24	Tree-rings in Mediterranean pines " can we ascribe them to calendar years?. Les/Wood, 2019, 68, 5-14.	0.3	2
25	Wood identification of charcoal with Confocal Laser Scanning Microscopy. Les/Wood, 2020, 69, 21-35.	0.3	2
26	Inter-tree variability of autumn leaf phenology of European beech (Fagus sylvatica) on a site in Ljubljana, Slovenia. Les/Wood, 2020, 69, 5-20.	0.3	2
27	Dendrochronology of sessile oak (Quercus petraea) on the transition between the sub-Mediterranean and temperate Continental climatic zones in Slovenia. Les/Wood, 2018, 67, 5-20.	0.3	1
28	Analiza razkrojenosti smrekovega lesa zaÅitenege z biocidnim proizvodom CCB po 14 letih izpostavitve na prostem. Les/Wood, 2021, 70, 19-29.	0.3	0
29	Ocena razkrojenosti lesa v Podzemni slemenski utrdbi Goli vrh. Les/Wood, 2019, 68, 61-70.	0.3	0