Augusta Costa

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/2586546/publications.pdf

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35	870	430874	501196
papers	citations	18 h-index	28 g-index

35	35	35	865
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Analyse des modÃ¨les spatiaux de dÃ©pÃ©rissement du chÃªne dans les forÃªts de chÃªne liÃ¨ge dans les conditions mÃ©diterranÃ©ennes. Annals of Forest Science, 2010, 67, 204-204.	2.0	82
2	Influence of climate on the seasonality of radial growth of cork oak during a cork production cycle. Annals of Forest Science, 2002, 59, 429-437.	2.0	56
3	Variability of radial growth in cork oak adult trees under cork production. Forest Ecology and Management, 2003, 175, 239-246.	3.2	54
4	Change and dynamics in Mediterranean evergreen oak woodlands landscapes of Southwestern Iberian Peninsula. Landscape and Urban Planning, 2011, 102, 164-176.	7.5	52
5	How resilient is Quercus suber L. to cork harvesting? A review and identification of knowledge gaps. Forest Ecology and Management, 2012, 270, 257-272.	3.2	52
6	Patterns and Drivers of Scattered Tree Loss in Agricultural Landscapes: Orchard Meadows in Germany (1968-2009). PLoS ONE, 2015, 10, e0126178.	2.5	49
7	Landscape dynamics in endangered cork oak woodlands in Southwestern Portugal (1958â€“2005). Agroforestry Systems, 2009, 77, 83-96.	2.0	47
8	The relationship between cork oak growth patterns and soil, slope and drainage in a cork oak woodland in Southern Portugal. Forest Ecology and Management, 2008, 255, 1525-1535.	3.2	44
9	A dendroclimatological approach to diameter growth in adult cork-oak trees under production. Trees - Structure and Function, 2001, 15, 438-443.	1.9	38
10	Climate response of cork growth in the Mediterranean oak (Quercus suber L.) woodlands of southwestern Portugal. Dendrochronologia, 2016, 38, 72-81.	2.2	38
11	How dependent are cork oak (Quercus suber L.) woodlands on groundwater? A case study in southwestern Portugal. Forest Ecology and Management, 2016, 378, 122-130.	3.2	35
12	Differential DNA Methylation Patterns Are Related to Phellogen Origin and Quality of Quercus suber Cork. PLoS ONE, 2017, 12, e0169018.	2.5	31
13	A quantitative approach to cork oak forest management. Forest Ecology and Management, 1997, 97, 223-229.	3.2	28
14	Using gradient Forest to predict climate response and adaptation in Cork oak. Journal of Evolutionary Biology, 2021, 34, 910-923.	1.7	25
15	The effect of cork-stripping damage on diameter growth of Quercus suber L.. Forestry, 2004, 77, 1-8.	2.3	22
16	Insights into the Responsiveness of Cork Oak (Quercus suber L.) to Bark Harvesting. Economic Botany, 2015, 69, 171-184.	1.7	22
17	Phellem versus xylem: genome-wide transcriptomic analysis reveals novel regulators of cork formation in cork oak. Tree Physiology, 2020, 40, 129-141.	3.1	21
18	An approach to cork oak forest management planning: a case study in southwestern Portugal. European Journal of Forest Research, 2010, 129, 233-241.	2.5	18

#	Article	IF	Citations
19	Influence of vision systems, black and white, colored and visual digitalization, in natural cork stopper quality estimation. Journal of the Science of Food and Agriculture, 2007, 87, 2222-2228.	3.5	17
20	Fragmentation patterns of evergreen oak woodlands in Southwestern Iberia: Identifying key spatial indicators. Journal of Environmental Management, 2014, 133, 18-26.	7.8	17
21	Post Hoc Assessment of Stand Structure Across European Wood-Pastures: Implications for Land Use Policy. Rangeland Ecology and Management, 2018, 71, 526-535.	2.3	15
22	Drying kinetics of cork planks in a cork pile in the field. Food and Bioproducts Processing, 2013, 91, 14-22.	3.6	14
23	Climate Signal in Cork-Ring Chronologies: Case Studies in Southwestern Portugal and Northwestern Algeria. Tree-Ring Research, 2018, 74, 15-27.	0.6	14
24	Cork oak woodlands patchiness: A signature of imminent deforestation?. Applied Geography, 2014, 54, 18-26.	3.7	12
25	Climate effects on stem radial growth ofQuercus suberL.: does tree size matter?. Forestry, 2019, 92, 73-84.	2.3	12
26	Influence of cutting direction of cork planks on the quality and porosity characteristics of natural cork stoppers. Forest Systems, 2010, 19, 51.	0.3	9
27	Is cork oak (Quercus suber L.) woodland loss driven by eucalyptus plantation? A case-study in southwestern Portugal. IForest, 2014, 7, 193-203.	1.4	7
28	Modelling bark thickness variation in stems of cork oak in south-western Portugal. European Journal of Forest Research, 2020, 139, 611-625.	2.5	7
29	Variation in cork production of the cork oak between two consecutive cork harvests. Forestry, 2001, 74, 337-346.	2.3	6
30	Variation of cork porosity along the stem in harvested cork oak (Quercus suber L.) trees. Annals of Forest Science, 2021, 78, 1.	2.0	6
31	Effect of climate on cork-ring width and density of Quercus suber L. in Southern Portugal. Trees - Structure and Function, 2022, 36, 1711-1720.	1.9	6
32	Comparing cork quality from Hafir-Zarieffet mountain forest (Tlemcen, Algeria) vs. Tagus basinMontado(Benavente, Portugal). Cogent Biology, 2016, 2, 1236431.	1.7	5
33	Quality characterization of wine cork stoppers using computer vision. Oeno One, 2016, 39, 209.	1.4	4
34	Is Cork Growth a Reliable Proxy for Stem Diameter Growth in Cork Oak (Quercus suber L.)? Implications for Forest Management under Climate Change in Mediterranean Regions. Applied Sciences (Switzerland), 2021, 11, 11998.	2.5	3
35	Antagonistic compounds from controversial bacteria with suppressing effects on the diseases caused by Phytophthora cinnamomi. Archives of Phytopathology and Plant Protection, 2020, 53, 70-81.	1.3	2