

# Augusta Costa

## List of Publications by Year in descending order

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35  
papers

870  
citations

430874

18  
h-index

501196

28  
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35  
docs citations

35  
times ranked

865  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of climate on cork-ring width and density of <i>Quercus suber</i> L. in Southern Portugal. <i>Trees - Structure and Function</i> , 2022, 36, 1711-1720.	1.9	6
2	Using gradient Forest to predict climate response and adaptation in Cork oak. <i>Journal of Evolutionary Biology</i> , 2021, 34, 910-923.	1.7	25
3	Variation of cork porosity along the stem in harvested cork oak ( <i>Quercus suber</i> L.) trees. <i>Annals of Forest Science</i> , 2021, 78, 1.	2.0	6
4	Is Cork Growth a Reliable Proxy for Stem Diameter Growth in Cork Oak ( <i>Quercus suber</i> L.)? Implications for Forest Management under Climate Change in Mediterranean Regions. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 11998.	2.5	3
5	Phellem versus xylem: genome-wide transcriptomic analysis reveals novel regulators of cork formation in cork oak. <i>Tree Physiology</i> , 2020, 40, 129-141.	3.1	21
6	Modelling bark thickness variation in stems of cork oak in south-western Portugal. <i>European Journal of Forest Research</i> , 2020, 139, 611-625.	2.5	7
7	Antagonistic compounds from controversial bacteria with suppressing effects on the diseases caused by <i>Phytophthora cinnamomi</i> . <i>Archives of Phytopathology and Plant Protection</i> , 2020, 53, 70-81.	1.3	2
8	Climate effects on stem radial growth of <i>Quercus suber</i> L.: does tree size matter?. <i>Forestry</i> , 2019, 92, 73-84.	2.3	12
9	Climate Signal in Cork-Ring Chronologies: Case Studies in Southwestern Portugal and Northwestern Algeria. <i>Tree-Ring Research</i> , 2018, 74, 15-27.	0.6	14
10	Post Hoc Assessment of Stand Structure Across European Wood-Pastures: Implications for Land Use Policy. <i>Rangeland Ecology and Management</i> , 2018, 71, 526-535.	2.3	15
11	Differential DNA Methylation Patterns Are Related to Phellogen Origin and Quality of <i>Quercus suber</i> Cork. <i>PLoS ONE</i> , 2017, 12, e0169018.	2.5	31
12	Climate response of cork growth in the Mediterranean oak ( <i>Quercus suber</i> L.) woodlands of southwestern Portugal. <i>Dendrochronologia</i> , 2016, 38, 72-81.	2.2	38
13	How dependent are cork oak ( <i>Quercus suber</i> L.) woodlands on groundwater? A case study in southwestern Portugal. <i>Forest Ecology and Management</i> , 2016, 378, 122-130.	3.2	35
14	Comparing cork quality from Hafir-Zarieffet mountain forest (Tlemcen, Algeria) vs. Tagus basin Montado (Benavente, Portugal). <i>Cogent Biology</i> , 2016, 2, 1236431.	1.7	5
15	Quality characterization of wine cork stoppers using computer vision. <i>Oeno One</i> , 2016, 39, 209.	1.4	4
16	Patterns and Drivers of Scattered Tree Loss in Agricultural Landscapes: Orchard Meadows in Germany (1968-2009). <i>PLoS ONE</i> , 2015, 10, e0126178.	2.5	49
17	Insights into the Responsiveness of Cork Oak ( <i>Quercus suber</i> L.) to Bark Harvesting. <i>Economic Botany</i> , 2015, 69, 171-184.	1.7	22
18	Is cork oak ( <i>Quercus suber</i> L.) woodland loss driven by eucalyptus plantation? A case-study in southwestern Portugal. <i>IForest</i> , 2014, 7, 193-203.	1.4	7

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19	Fragmentation patterns of evergreen oak woodlands in Southwestern Iberia: Identifying key spatial indicators. <i>Journal of Environmental Management</i> , 2014, 133, 18-26.	7.8	17
20	Cork oak woodlands patchiness: A signature of imminent deforestation?. <i>Applied Geography</i> , 2014, 54, 18-26.	3.7	12
21	Drying kinetics of cork planks in a cork pile in the field. <i>Food and Bioproducts Processing</i> , 2013, 91, 14-22.	3.6	14
22	How resilient is <i>Quercus suber</i> L. to cork harvesting? A review and identification of knowledge gaps. <i>Forest Ecology and Management</i> , 2012, 270, 257-272.	3.2	52
23	Change and dynamics in Mediterranean evergreen oak woodlands landscapes of Southwestern Iberian Peninsula. <i>Landscape and Urban Planning</i> , 2011, 102, 164-176.	7.5	52
24	Analyse des modèles spatiaux de développement du chêne dans les forêts de chêne liège dans les conditions méditerranéennes. <i>Annals of Forest Science</i> , 2010, 67, 204-204.	2.0	82
25	An approach to cork oak forest management planning: a case study in southwestern Portugal. <i>European Journal of Forest Research</i> , 2010, 129, 233-241.	2.5	18
26	Influence of cutting direction of cork planks on the quality and porosity characteristics of natural cork stoppers. <i>Forest Systems</i> , 2010, 19, 51.	0.3	9
27	Landscape dynamics in endangered cork oak woodlands in Southwestern Portugal (1958-2005). <i>Agroforestry Systems</i> , 2009, 77, 83-96.	2.0	47
28	The relationship between cork oak growth patterns and soil, slope and drainage in a cork oak woodland in Southern Portugal. <i>Forest Ecology and Management</i> , 2008, 255, 1525-1535.	3.2	44
29	Influence of vision systems, black and white, colored and visual digitalization, in natural cork stopper quality estimation. <i>Journal of the Science of Food and Agriculture</i> , 2007, 87, 2222-2228.	3.5	17
30	The effect of cork-stripping damage on diameter growth of <i>Quercus suber</i> L.. <i>Forestry</i> , 2004, 77, 1-8.	2.3	22
31	Variability of radial growth in cork oak adult trees under cork production. <i>Forest Ecology and Management</i> , 2003, 175, 239-246.	3.2	54
32	Influence of climate on the seasonality of radial growth of cork oak during a cork production cycle. <i>Annals of Forest Science</i> , 2002, 59, 429-437.	2.0	56
33	A dendroclimatological approach to diameter growth in adult cork-oak trees under production. <i>Trees - Structure and Function</i> , 2001, 15, 438-443.	1.9	38
34	Variation in cork production of the cork oak between two consecutive cork harvests. <i>Forestry</i> , 2001, 74, 337-346.	2.3	6
35	A quantitative approach to cork oak forest management. <i>Forest Ecology and Management</i> , 1997, 97, 223-229.	3.2	28