

# Cristina Nabais

## List of Publications by Year in descending order

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Version: 2024-02-01

61  
papers

2,831  
citations

159585

30  
h-index

175258

52  
g-index

63  
all docs

63  
docs citations

63  
times ranked

2630  
citing authors

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | Environment Controls Seasonal and Daily Cycles of Stem Diameter Variations in Portuguese Oak ( <i>Quercus faginea</i> Lambert). <i>Forests</i> , 2022, 13, 170.  | 2.1  | 6         |
| 2  | Tropical tree growth driven by dry-season climate variability. <i>Nature Geoscience</i> , 2022, 15, 269-276.   | 12.9 | 38        |
| 3  | Dry and hot years drive growth decline of <i>Pinus halepensis</i> at its southern range limit in the Moroccan High Atlas Mountains. <i>Trees - Structure and Function</i> , 2022, 36, 1585-1595.   | 1.9  | 3         |
| 4  | Extreme Growth Increments Reveal Local and Regional Climatic Signals in Two <i>Pinus pinaster</i> Populations. <i>Frontiers in Plant Science</i> , 2021, 12, 658777.   | 3.6  | 5         |
| 5  | Photoperiod and temperature as dominant environmental drivers triggering secondary growth resumption in Northern Hemisphere conifers. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 20645-20652. | 7.1  | 113       |
| 6  | Reply to Elmendorf and Ettinger: Photoperiod plays a dominant and irreplaceable role in triggering secondary growth resumption. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 32865-32867.       | 7.1  | 2         |
| 7  | Projecto INVISIBLE WOODS. <i>Kairos</i> , 2020, , 68-87.   | 0.0  | 0         |
| 8  | Seasonal adjustment of primary and secondary growth in maritime pine under simulated climatic changes. <i>Annals of Forest Science</i> , 2019, 76, 1.  | 2.0  | 16        |
| 9  | Climatic and physiological regulation of the bimodal xylem formation pattern in <i>Pinus pinaster</i> saplings. <i>Tree Physiology</i> , 2019, 39, 2008-2018.  | 3.1  | 21        |
| 10 | Effect of provenance and climate on intra-annual density fluctuations of Norway spruce <i>Picea abies</i> (L.) Karst. in Poland. <i>Agricultural and Forest Meteorology</i> , 2019, 269-270, 145-156.  | 4.8  | 28        |
| 11 | ANÁLISE DE RISCO DE QUEDA DE ÁRVORES: <i>Tilia tomentosa</i> Moench. <i>Revista Da Sociedade Brasileira De Arborização Urbana</i> , 2019, 14, 01.  | 0.1  | 0         |
| 12 | Climatic signal in growth-rings of <i>Copaifera lucens</i> : An endemic species of a Brazilian Atlantic forest hotspot, southeastern Brazil. <i>Dendrochronologia</i> , 2018, 50, 23-32.   | 2.2  | 12        |
| 13 | The facultative bimodal growth pattern in <i>Quercus ilex</i> â A simple model to predict sub-seasonal and inter-annual growth. <i>Dendrochronologia</i> , 2018, 49, 77-88.  | 2.2  | 40        |
| 14 | The effect of climate on wood density: What provenance trials tell us?. <i>Forest Ecology and Management</i> , 2018, 408, 148-156.   | 3.2  | 71        |
| 15 | Wood anatomy and growth ring boundaries of <i>Copaifera lucens</i> (Fabaceae). <i>IAWA Journal</i> , 2018, 39, 395-405.  | 2.7  | 3         |
| 16 | Dendrochronology and climate in the Brazilian Atlantic Forest: Which species, where and how. <i>Neotropical Biology and Conservation</i> , 2018, 13, .   | 0.9  | 10        |
| 17 | Evaluation of X-ray densitometry to identify tree-ring boundaries of two deciduous species from semi-arid forests in Brazil. <i>Dendrochronologia</i> , 2017, 42, 94-103.  | 2.2  | 16        |
| 18 | Rain exclusion affects cambial activity in adult maritime pines. <i>Agricultural and Forest Meteorology</i> , 2017, 237-238, 303-310.  | 4.8  | 22        |

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|----|--|-----|-----------|
| 19 | Variation in seed packaging of a fleshy-fruited conifer provides insights into the ecology and evolution of multi-seeded fruits. <i>Plant Biology</i> , 2017, 19, 533-541.   | 3.8 | 3         |
| 20 | Dendrochronology of maritime pine in the middle of the Atlantic Ocean. <i>Dendrochronologia</i> , 2017, 45, 73-80.   | 2.2 | 6         |
| 21 | Editorial: Studying Tree Responses to Extreme Events. <i>Frontiers in Plant Science</i> , 2017, 8, 506.  | 3.6 | 13        |
| 22 | Climatic Signals from Intra-annual Density Fluctuation Frequency in Mediterranean Pines at a Regional Scale. <i>Frontiers in Plant Science</i> , 2016, 7, 579.   | 3.6 | 58        |
| 23 | Structure and Function of Intra-Annual Density Fluctuations: Mind the Gaps. <i>Frontiers in Plant Science</i> , 2016, 7, 595.  | 3.6 | 72        |
| 24 | Does the Genotype Have a Significant Effect on the Formation of Intra-Annual Density Fluctuations? A Case Study Using <i>Larix decidua</i> from Northern Poland. <i>Frontiers in Plant Science</i> , 2016, 7, 691. | 3.6 | 11        |
| 25 | tracheide – An R package to standardize tracheidograms. <i>Dendrochronologia</i> , 2016, 37, 64-68.  | 2.2 | 21        |
| 26 | Pre-dispersal predation effect on seed packaging strategies and seed viability. <i>Oecologia</i> , 2016, 180, 91-102.  | 2.0 | 14        |
| 27 | Woody biomass production lags stem-girth increase by over one month in coniferous forests. <i>Nature Plants</i> , 2015, 1, 15160.  | 9.3 | 294       |
| 28 | Adjustment Capacity of Maritime Pine Cambial Activity in Drought-Prone Environments. <i>PLoS ONE</i> , 2015, 10, e0126223.   | 2.5 | 74        |
| 29 | Plastic Response of Tracheids in <i>Pinus pinaster</i> in a Water-Limited Environment: Adjusting Lumen Size instead of Wall Thickness. <i>PLoS ONE</i> , 2015, 10, e0136305.                                       | 2.5 | 49        |
| 30 | Which matters most for the formation of intra-annual density fluctuations in <i>Pinus pinaster</i> : age or size?. <i>Trees - Structure and Function</i> , 2015, 29, 237-245.                                      | 1.9 | 52        |
| 31 | Transplanting native woody legumes: a suitable option for the revegetation of coastal dunes. <i>Ecological Research</i> , 2015, 30, 49-55.   | 1.5 | 3         |
| 32 | Climatic signals of tree-ring width and intra-annual density fluctuations in <i>Pinus pinaster</i> and <i>Pinus pinea</i> along a latitudinal gradient in Portugal. <i>Forestry</i> , 2014, 87, 598-605.           | 2.3 | 52        |
| 33 | Genetic Diversity and Differentiation of <i>Juniperus thurifera</i> in Spain and Morocco as Determined by SSR. <i>PLoS ONE</i> , 2014, 9, e88996.  | 2.5 | 80        |
| 34 | Are neighboring trees in tune? Wood formation in <i>Pinus pinaster</i> . <i>European Journal of Forest Research</i> , 2014, 133, 41-50.  | 2.5 | 44        |
| 35 | Xylogenesis of <i>Pinus pinaster</i> under a Mediterranean climate. <i>Annals of Forest Science</i> , 2014, 71, 71-80.   | 2.0 | 96        |
| 36 | Different growth sensitivity to climate of the conifer <i>Juniperus thurifera</i> on both sides of the Mediterranean Sea. <i>International Journal of Biometeorology</i> , 2014, 58, 2095-2109.                    | 3.0 | 24        |

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|----|--|-----|-----------|
| 37 | Environmental control of vessel traits in <i>Quercus ilex</i> under Mediterranean climate: relating xylem anatomy to function. <i>Trees - Structure and Function</i> , 2013, 27, 655-662.  | 1.9 | 50        |
| 38 | Tree-ring growth and intra-annual density fluctuations of <i>Pinus pinaster</i> responses to climate: does size matter?. <i>Trees - Structure and Function</i> , 2013, 27, 763-772.  | 1.9 | 89        |
| 39 | Seasonal and daily cycles of stem radial variation of <i>Pinus pinaster</i> in a drought-prone environment. <i>Agricultural and Forest Meteorology</i> , 2013, 180, 173-181.   | 4.8 | 82        |
| 40 | Revegetation of abandoned copper mines: the role of seed banks and soil amendments. <i>Web Ecology</i> , 2013, 13, 69-77.  | 1.6 | 21        |
| 41 | detrendeR – A Graphical User Interface to process and visualize tree-ring data using R. <i>Dendrochronologia</i> , 2012, 30, 57-60.  | 2.2 | 58        |
| 42 | Trace element distribution in soils developed on gossan mine wastes and <i>Cistus ladanifer</i> L. tolerance and bioaccumulation. <i>Journal of Geochemical Exploration</i> , 2012, 123, 45-51.  | 3.2 | 43        |
| 43 | Morphology and Karyology of <i>Antirrhinum rothmaleri</i> comb. & stat. nov. (Plantaginaceae), a Plant Endemic to the NW Iberian Peninsula. <i>Annales Botanici Fennici</i> , 2011, 48, 409-421.   | 0.1 | 6         |
| 44 | Nickel speciation in the xylem sap of the hyperaccumulator <i>Alyssum serpyllifolium</i> ssp. <i>lusitanicum</i> growing on serpentine soils of northeast Portugal. <i>Journal of Plant Physiology</i> , 2011, 168, 1715-1722.             | 3.5 | 37        |
| 45 | Effect of root age on the allocation of metals, amino acids and sugars in different cell fractions of the perennial grass <i>Paspalum notatum</i> (bahiagrass). <i>Plant Physiology and Biochemistry</i> , 2011, 49, 1442-1447.            | 5.8 | 16        |
| 46 | Phytogeochemical, geographical and vulnerability study of the Paleosubtropical element <i>Notholaena marantae</i> subsp. <i>marantae</i> (Sinopteridaceae) at the western edge of its range. <i>Biologia (Poland)</i> , 2011, 66, 258-265. | 1.5 | 5         |
| 47 | Climate controls act at different scales on the seasonal pattern of <i>Quercus ilex</i> L. stem radial increments in NE Spain. <i>Trees - Structure and Function</i> , 2011, 25, 637-646.  | 1.9 | 94        |
| 48 | Vessel features of <i>Quercus ilex</i> L. growing under Mediterranean climate have a better climatic signal than tree-ring width. <i>Trees - Structure and Function</i> , 2010, 24, 463-470.   | 1.9 | 93        |
| 49 | Intra-annual density fluctuations of <i>Pinus pinaster</i> are a record of climatic changes in the western Mediterranean region. <i>Canadian Journal of Forest Research</i> , 2010, 40, 1567-1575.   | 1.7 | 54        |
| 50 | Age-dependent responses of tree-ring growth and intra-annual density fluctuations of <i>Pinus pinaster</i> to Mediterranean climate. <i>Trees - Structure and Function</i> , 2009, 23, 257-265.  | 1.9 | 170       |
| 51 | Belowground mutualists and the invasive ability of <i>Acacia longifolia</i> in coastal dunes of Portugal. <i>Biological Invasions</i> , 2009, 11, 651-661.   | 2.4 | 116       |
| 52 | Trace elements and activity of antioxidative enzymes in <i>Cistus ladanifer</i> L. growing on an abandoned mine area. <i>Ecotoxicology</i> , 2009, 18, 860-868.  | 2.4 | 29        |
| 53 | Nickel sorption capacity of ground xylem of <i>Quercus ilex</i> trees and effects of selected ligands present in the xylem sap. <i>Journal of Plant Physiology</i> , 2009, 166, 270-277.   | 3.5 | 8         |
| 54 | Ecophysiological tolerance of duckweeds exposed to copper. <i>Aquatic Toxicology</i> , 2009, 91, 1-9.  | 4.0 | 109       |

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|----|--|-----|-----------|
| 55 | Dendrochronology of <i>Quercus ilex</i> L. and its potential use for climate reconstruction in the Mediterranean region. <i>Canadian Journal of Forest Research</i> , 2009, 39, 2486-2493.           | 1.7 | 42        |
| 56 | Chapter 9 Agriculture-induced contamination of surface water and groundwater in Portugal. <i>Developments in Environmental Science</i> , 2007, 5, 195-206.   | 0.5 | 3         |
| 57 | Relationships between climate and double rings in <i>Quercus ilex</i> from northeast Spain. <i>Canadian Journal of Forest Research</i> , 2007, 37, 1915-1923.  | 1.7 | 62        |
| 58 | Climatic significance of tree-ring width and intra-annual density fluctuations in <i>Pinus pinea</i> from a dry Mediterranean area in Portugal. <i>Annals of Forest Science</i> , 2007, 64, 229-238. | 2.0 | 180       |
| 59 | Dynamic Modelling of Nickel Complexation in Xylem Sap of <i>Quercus ilex</i> : A Voltammetric Study. <i>Electroanalysis</i> , 2006, 18, 814-822.   | 2.9 | 5         |
| 60 | Nitrogen transport in the xylem sap of <i>Quercus ilex</i> : The role of ornithine. <i>Journal of Plant Physiology</i> , 2005, 162, 603-606.   | 3.5 | 13        |
| 61 | Dendroanalysis: a tool for biomonitoring environmental pollution?. <i>Science of the Total Environment</i> , 1999, 232, 33-37.   | 8.0 | 68        |