

# Ana Milhinhos

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5123737/publications.pdf>

Version: 2024-02-01

13  
papers

265  
citations

1307543

7  
h-index

1125717

13  
g-index

14  
all docs

14  
docs citations

14  
times ranked

434  
citing authors

#	ARTICLE	IF	CITATIONS
1	Thermospermine levels are controlled by an auxinâ€dependent feedback loop mechanism in <i>Populus</i> xylem. <i>Plant Journal</i> , 2013, 75, 685-698.	5.7	57
2	Hormone interactions in xylem development: a matter of signals. <i>Plant Cell Reports</i> , 2013, 32, 867-883.	5.6	48
3	The <i>SHORT-ROOT</i> -like gene <i>PtSHR2B</i> is involved in <i>Populus</i> phellogen activity. <i>Journal of Experimental Botany</i> , 2016, 67, 1545-1555.	4.8	46
4	Zygotic and somatic embryo morphogenesis in <i>Pinus pinaster</i> : comparative histological and histochemical study. <i>Tree Physiology</i> , 2007, 27, 661-669.	3.1	36
5	Small RNA profiling in <i>Pinus pinaster</i> reveals the transcriptome of developing seeds and highlights differences between zygotic and somatic embryos. <i>Scientific Reports</i> , 2019, 9, 11327.	3.3	28
6	SOBIR1/EVR prevents precocious initiation of fiber differentiation during wood development through a mechanism involving BP and ERECTA. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 18710-18716.	7.1	18
7	A simple mathematical model of allometric exponential growth describes the early three-dimensional growth dynamics of secondary xylem in <i>Arabidopsis</i> roots. <i>Royal Society Open Science</i> , 2019, 6, 190126.	2.4	8
8	On the Progression of COVID-19 in Portugal: A Comparative Analysis of Active Cases Using Non-linear Regression. <i>Frontiers in Public Health</i> , 2020, 8, 495.	2.7	8
9	Determining DNA strand breakage from embryogenic cell cultures of a conifer species using the single-cell gel electrophoresis assay. <i>Tree Genetics and Genomes</i> , 2012, 8, 425-430.	1.6	6
10	ACAULIS5 Is Required for Cytokinin Accumulation and Function During Secondary Growth of <i>Populus</i> Trees. <i>Frontiers in Plant Science</i> , 2020, 11, 601858.	3.6	3
11	miR160 Interacts in vivo With <i>Pinus pinaster</i> AUXIN RESPONSE FACTOR 18 Target Site and Negatively Regulates Its Expression During Conifer Somatic Embryo Development. <i>Frontiers in Plant Science</i> , 2022, 13, 857611.	3.6	3
12	In search for the role of thermospermine synthase gene in poplar vascular development. <i>BMC Proceedings</i> , 2011, 5, .	1.6	1
13	microRNA-Mediated Regulation of Plant Vascular Development and Secondary Growth. <i>Concepts and Strategies in Plant Sciences</i> , 2020, , 143-168.	0.5	1