

# Rui Manuel Tavares

## List of Publications by Year in descending order

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53  
papers

1,489  
citations

331259

21  
h-index

329751

37  
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53  
all docs

53  
docs citations

53  
times ranked

2322  
citing authors

#	ARTICLE	IF	CITATIONS
1	Olive Fungal Epiphytic Communities Are Affected by Their Maturation Stage. <i>Microorganisms</i> , 2022, 10, 376.	1.6	5
2	Phylogenetic analysis and genetic diversity of the xylariaceous ascomycete <i>Biscogniauxia mediterranea</i> from cork oak forests in different bioclimates. <i>Scientific Reports</i> , 2022, 12, 2646.	1.6	3
3	SUMO E3 ligase SIZ1 connects sumoylation and reactive oxygen species homeostasis processes in <i>Arabidopsis</i> . <i>Plant Physiology</i> , 2022, 189, 934-954.	2.3	8
4	The influence of bioclimate on soil microbial communities of cork oak. <i>BMC Microbiology</i> , 2022, 22, .	1.3	10
5	Bacteria could help ectomycorrhizae establishment under climate variations. <i>Mycorrhiza</i> , 2021, 31, 395-401.	1.3	7
6	Illuminating <i>Olea europaea</i> L. endophyte fungal community. <i>Microbiological Research</i> , 2021, 245, 126693.	2.5	22
7	Cork Oak Forests Soil Bacteria: Potential for Sustainable Agroforest Production. <i>Microorganisms</i> , 2021, 9, 1973.	1.6	5
8	Cork Oak Endophytic Fungi as Potential Biocontrol Agents against <i>Biscogniauxia mediterranea</i> and <i>Diplodia corticola</i> . <i>Journal of Fungi (Basel, Switzerland)</i> , 2020, 6, 287.	1.5	12
9	The Influence of Endophytes on Cork Oak Forests Under a Changing Climate. , 2019, , 250-274.		1
10	Climatic impacts on the bacterial community profiles of cork oak soils. <i>Applied Soil Ecology</i> , 2019, 143, 89-97.	2.1	15
11	Ectomycorrhizal fungal diversity and community structure associated with cork oak in different landscapes. <i>Mycorrhiza</i> , 2018, 28, 357-368.	1.3	19
12	Sugar signaling regulation by <i>Arabidopsis</i> SIZ1-driven sumoylation is independent of salicylic acid. <i>Plant Signaling and Behavior</i> , 2018, 13, e1179417.	1.2	7
13	<i>Arabidopsis thaliana</i> SPF1 and SPF2 are nuclear-located ULP2-like SUMO proteases that act downstream of SIZ1 in plant development. <i>Journal of Experimental Botany</i> , 2018, 69, 4633-4649.	2.4	25
14	Mycorrhization of Fagaceae Forests Within Mediterranean Ecosystems. , 2017, , 75-97.		3
15	Fungal community in chestnut orchards with different <i>Hypholoma fasciculare</i> aboveground abundance: potential implications for sustainable production. <i>Revista De Ciências Agrárias</i> , 2017, 40, 124-132.	0.2	2
16	Bioinformatics Tools for Exploring the SUMO Gene Network. <i>Methods in Molecular Biology</i> , 2016, 1450, 285-301.	0.4	3
17	SUMO proteases ULP1c and ULP1d are required for development and osmotic stress responses in <i>Arabidopsis thaliana</i> . <i>Plant Molecular Biology</i> , 2016, 92, 143-159.	2.0	39
18	Soil <sc>DNA</sc> pyrosequencing and fruitbody surveys reveal contrasting diversity for various fungal ecological guilds in chestnut orchards. <i>Environmental Microbiology Reports</i> , 2015, 7, 946-954.	1.0	26

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19	Arabidopsis Squalene Epoxidase 3 (SQE3) Complements SQE1 and Is Important for Embryo Development and Bulk Squalene Epoxidase Activity. <i>Molecular Plant</i> , 2015, 8, 1090-1102.	3.9	59
20	SIZ1-Dependent Post-Translational Modification by SUMO Modulates Sugar Signaling and Metabolism in <i>Arabidopsis thaliana</i> . <i>Plant and Cell Physiology</i> , 2015, 56, 2297-2311.	1.5	44
21	RNA-Seq and Gene Network Analysis Uncover Activation of an ABA-Dependent Signalosome During the Cork Oak Root Response to Drought. <i>Frontiers in Plant Science</i> , 2015, 6, 1195.	1.7	30
22	A comprehensive assessment of the transcriptome of cork oak ( <i>Quercus suber</i> ) through EST sequencing. <i>BMC Genomics</i> , 2014, 15, 371.	1.2	53
23	Impact of carbon and phosphate starvation on growth and programmed cell death of maritime pine suspension cells. <i>In Vitro Cellular and Developmental Biology - Plant</i> , 2014, 50, 478-486.	0.9	5
24	Phenotypic analysis of the Arabidopsis heat stress response during germination and early seedling development. <i>Plant Methods</i> , 2014, 10, 7.	1.9	76
25	Oak Root Response to Ectomycorrhizal Symbiosis Establishment: RNA-Seq Derived Transcript Identification and Expression Profiling. <i>PLoS ONE</i> , 2014, 9, e98376.	1.1	45
26	The <i>SUD1</i> Gene Encodes a Putative E3 Ubiquitin Ligase and Is a Positive Regulator of 3-Hydroxy-3-Methylglutaryl Coenzyme A Reductase Activity in <i>Arabidopsis</i> . <i>Plant Cell</i> , 2013, 25, 728-743.	3.1	78
27	A new effective assay to detect antimicrobial activity of filamentous fungi. <i>Microbiological Research</i> , 2013, 168, 1-5.	2.5	26
28	SUMO, a heavyweight player in plant abiotic stress responses. <i>Cellular and Molecular Life Sciences</i> , 2012, 69, 3269-3283.	2.4	118
29	Effect of competitive interactions between ectomycorrhizal and saprotrophic fungi on <i>Castanea sativa</i> performance. <i>Mycorrhiza</i> , 2012, 22, 41-49.	1.3	17
30	Signaling in Ectomycorrhizal Symbiosis Establishment. <i>Soil Biology</i> , 2011, , 157-175.	0.6	3
31	A Strategy for the Identification of New Abiotic Stress Determinants in <i>Arabidopsis</i> Using Web-Based Data Mining and Reverse Genetics. <i>OMICS A Journal of Integrative Biology</i> , 2011, 15, 935-947.	1.0	6
32	Role of Tonoplast Proton Pumps and Na <sup>+</sup> /H <sup>+</sup> Antiport System in Salt Tolerance of <i>Populus euphratica</i> Oliv.. <i>Journal of Plant Growth Regulation</i> , 2010, 29, 23-34.	2.8	46
33	Analysis on the Role of Phenylpropanoid Metabolism in the <i>Pinus pinaster</i> - <i>Botrytis cinerea</i> Interaction. <i>Journal of Phytopathology</i> , 2010, 158, 641.	0.5	4
34	Diversity and fruiting pattern of macrofungi associated with chestnut ( <i>Castanea sativa</i> ) in the Trás-os-Montes region (Northeast Portugal). <i>Fungal Ecology</i> , 2010, 3, 9-19.	0.7	51
35	Effect of salt on ROS homeostasis, lipid peroxidation and antioxidant mechanisms in <i>Pinus pinaster</i> suspension cells. <i>Annals of Forest Science</i> , 2009, 66, 211-211.	0.8	11
36	Establishment and characterization of <i>Pinus pinaster</i> suspension cell cultures. <i>Plant Cell, Tissue and Organ Culture</i> , 2008, 93, 115-121.	1.2	14

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37	The Necrotroph <i>Botrytis cinerea</i> Induces a Non-Host Type II Resistance Mechanism in <i>Pinus pinaster</i> Suspension-Cultured Cells. <i>Plant and Cell Physiology</i> , 2008, 49, 386-395.	1.5	16
38	Phosphate transport by proteoid roots of <i>Hakea sericea</i> . <i>Plant Science</i> , 2007, 173, 550-558.	1.7	23
39	An Hg-sensitive channel mediates the diffusional component of glucose transport in olive cells. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2007, 1768, 2801-2811.	1.4	25
40	Involvement of reactive oxygen species during early stages of ectomycorrhiza establishment between <i>Castanea sativa</i> and <i>Pisolithus tinctorius</i> . <i>Mycorrhiza</i> , 2007, 17, 185-193.	1.3	76
41	Utilization and Transport of Mannitol in <i>Olea europaea</i> and Implications for Salt Stress Tolerance. <i>Plant and Cell Physiology</i> , 2006, 48, 42-53.	1.5	79
42	Induction of phenolic compounds in <i>Hypericum perforatum</i> L. cells by <i>Colletotrichum gloeosporioides</i> elicitation. <i>Phytochemistry</i> , 2006, 67, 149-155.	1.4	87
43	The Non-host Pathogen <i>Botrytis cinerea</i> Enhances Glucose Transport in <i>Pinus pinaster</i> Suspension-cultured Cells. <i>Plant and Cell Physiology</i> , 2006, 47, 290-298.	1.5	21
44	Pathways of Glucose Regulation of Monosaccharide Transport in Grape Cells. <i>Plant Physiology</i> , 2006, 141, 1563-1577.	2.3	95
45	EFFECT OF SOIL TILLAGE ON DIVERSITY AND ABUNDANCE OF MACROFLINGI ASSOCIATED WITH CHESTNUT TREE IN THE NORTHEAST OF PORTUGAL. <i>Acta Horticulturae</i> , 2005, , 685-690.	0.1	1
46	First report of <i>Hakea sericea</i> leaf infection caused by <i>Pestalotiopsis funerea</i> in Portugal. <i>Plant Pathology</i> , 2004, 53, 535-535.	1.2	13
47	Identification of <i>Zantedeschia aethiopica</i> Cat1 and Cat2 catalase genes and their expression analysis during spathe senescence and regreening. <i>Plant Science</i> , 2004, 167, 889-898.	1.7	9
48	Salicylic acid up-regulates the expression of chloroplastic Cu, Zn-superoxide dismutase in needles of maritime pine ( <i>Pinus pinaster</i> Ait.). <i>Annals of Forest Science</i> , 2004, 61, 847-850.	0.8	6
49	An improved method for high-quality RNA isolation from needles of adult maritime pine trees. <i>Plant Molecular Biology Reporter</i> , 2003, 21, 333-338.	1.0	86
50	Utilization and Transport of Glucose in <i>Olea Europaea</i> Cell Suspensions. <i>Plant and Cell Physiology</i> , 2002, 43, 1510-1517.	1.5	28
51	Production and Characterization of a Specific Rubisco Monoclonal Antibody, and Its Use in Rubisco Quantification During <i>Zantedeschia aethiopica</i> Spathe Development. <i>Hybridoma</i> , 1999, 18, 203-209.	0.9	3
52	Thylakoid membrane reorganization during <i>Zantedeschia aethiopica</i> spathe regreening: Consequence of the absence of $\gamma$ -3-trans-hexadecenoic acid in photochemical activity. , 1998, 47, 979-979.		5
53	Lipid composition of thylakoid membranes from leaves and regreened spathes of <i>Zantedeschia aethiopica</i> . <i>Phytochemistry</i> , 1995, 40, 1367-1371.	1.4	18