

# HerlÃ¢nder Azevedo

## List of Publications by Year in descending order

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33  
papers

986  
citations

567144

15  
h-index

454834

30  
g-index

36  
all docs

36  
docs citations

36  
times ranked

1545  
citing authors

#	ARTICLE	IF	CITATIONS
1	SUMO E3 ligase SIZ1 connects sumoylation and reactive oxygen species homeostasis processes in Arabidopsis. <i>Plant Physiology</i> , 2022, 189, 934-954.	2.3	8
2	Feasibility of applying shotgun metagenomic analyses to grapevine leaf, rhizosphere and soil microbiome characterisation. <i>Australian Journal of Grape and Wine Research</i> , 2021, 27, 519-526.	1.0	4
3	Pervasive hybridization with local wild relatives in Western European grapevine varieties. <i>Science Advances</i> , 2021, 7, eabi8584.	4.7	11
4	Rice F-bZIP transcription factors regulate the zinc deficiency response. <i>Journal of Experimental Botany</i> , 2020, 71, 3664-3677.	2.4	49
5	Plant hexokinase phylogenetic analysis highlights a possible regulation by the posttranslational modifier SUMO. <i>MicroPublication Biology</i> , 2020, 2020, .	0.1	1
6	growth is independently controlled by the SUMO E3 ligase SIZ1 and Hexokinase 1. <i>MicroPublication Biology</i> , 2020, 2020, .	0.1	2
7	Sugar signaling regulation by arabidopsis SIZ1-driven sumoylation is independent of salicylic acid. <i>Plant Signaling and Behavior</i> , 2018, 13, e1179417.	1.2	7
8	Arabidopsis thaliana 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
9	Revised nomenclature and functional overview of the ULP gene family of plant deSUMOylating proteases. <i>Journal of Experimental Botany</i> , 2018, 69, 4505-4509.	2.4	20
10	Phylogenetic analysis of F-bZIP transcription factors indicates conservation of the zinc deficiency response across land plants. <i>Scientific Reports</i> , 2017, 7, 3806.	1.6	46
11	Bioinformatics Tools for Exploring the SUMO Gene Network. <i>Methods in Molecular Biology</i> , 2016, 1450, 285-301.	0.4	3
12	SUMO proteases ULP1c and ULP1d are required for development and osmotic stress responses in Arabidopsis thaliana. <i>Plant Molecular Biology</i> , 2016, 92, 143-159.	2.0	39
13	Transcriptomic profiling of Arabidopsis gene expression in response to varying micronutrient zinc supply. <i>Genomics Data</i> , 2016, 7, 256-258.	1.3	17
14	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
15	SIZ1-Dependent Post-Translational Modification by SUMO Modulates Sugar Signaling and Metabolism in Arabidopsis thaliana. <i>Plant and Cell Physiology</i> , 2015, 56, 2297-2311.	1.5	44
16	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
17	Long-term globular adiponectin administration improves adipose tissue dysmetabolism in high-fat diet-fed Wistar rats. <i>Archives of Physiology and Biochemistry</i> , 2014, 120, 147-157.	1.0	14
18	A comprehensive assessment of the transcriptome of cork oak (Quercus suber) through EST sequencing. <i>BMC Genomics</i> , 2014, 15, 371.	1.2	53

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19	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
20	Phenotypic analysis of the Arabidopsis heat stress response during germination and early seedling development. <i>Plant Methods</i> , 2014, 10, 7.	1.9	76
21	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 Arabidopsis. <i>Plant Cell</i> , 2013, 25, 728-743.	3.1	78
22	A subcellular tug of war involving three MYB-like proteins underlies a molecular antagonism in Arabidopsis flower asymmetry. <i>Plant Journal</i> , 2013, 75, 527-538.	2.8	96
23	SUMO, a heavyweight player in plant abiotic stress responses. <i>Cellular and Molecular Life Sciences</i> , 2012, 69, 3269-3283.	2.4	118
24	Understanding Heat Stress Tolerance of Suspended Cells in the Model Plant <i>Populus euphratica</i> . <i>ISRN Forestry</i> , 2012, 2012, 1-5.	1.0	3
25	A Strategy for the Identification of New Abiotic Stress Determinants in Arabidopsis Using Web-Based Data Mining and Reverse Genetics. <i>OMICS A Journal of Integrative Biology</i> , 2011, 15, 935-947.	1.0	6
26	Analysis on the Role of Phenylpropanoid Metabolism in the Pinus pinaster-Botrytis cinerea Interaction. <i>Journal of Phytopathology</i> , 2010, 158, 641.	0.5	4
27	Effect of salt on ROS homeostasis, lipid peroxidation and antioxidant mechanisms in Pinus pinaster suspension cells. <i>Annals of Forest Science</i> , 2009, 66, 211-211.	0.8	11
28	Establishment and characterization of Pinus pinaster suspension cell cultures. <i>Plant Cell, Tissue and Organ Culture</i> , 2008, 93, 115-121.	1.2	14
29	The Necrotroph Botrytis cinerea Induces a Non-Host Type II Resistance Mechanism in Pinus pinaster Suspension-Cultured Cells. <i>Plant and Cell Physiology</i> , 2008, 49, 386-395.	1.5	16
30	The Non-host Pathogen Botrytis cinerea Enhances Glucose Transport in Pinus pinaster Suspension-cultured Cells. <i>Plant and Cell Physiology</i> , 2006, 47, 290-298.	1.5	21
31	Salicylic acid up-regulates the expression of chloroplastic Cu, Zn-superoxide dismutase in needles of maritime pine (Pinus pinaster Ait.). <i>Annals of Forest Science</i> , 2004, 61, 847-850.	0.8	6
32	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
33	Regulation of the Zinc Deficiency Response in the Legume Model Medicago truncatula. <i>Frontiers in Plant Science</i> , 0, 13, .	1.7	8