

HÃ©lia G Cardoso

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Ex Vitro Rooting and Simultaneous Micrografting of the Walnut Hybrid Rootstock "Paradox"™ (Juglans) Tj ETQg1.1 0.784314 rgB	3.0	4
2	Editorial: Advances on the Biological Mechanisms Involved in Adventitious Root Formation: From Signaling to Morphogenesis. <i>Frontiers in Plant Science</i> , 2022, 13, 867651.	3.6	2
3	Exploring the Applicability of Calorespirometry to Assess Seed Metabolic Stability Upon Temperature Stress Conditions" <i>Pisum sativum</i> L. Used as a Case Study. <i>Frontiers in Plant Science</i> , 2022, 13, 827117.	3.6	4
4	Understanding the Role of PIN Auxin Carrier Genes under Biotic and Abiotic Stresses in <i>Olea europaea</i> L.. <i>Biology</i> , 2022, 11, 1040.	2.8	2
5	Laser Microdissection of Specific Stem-Base Tissue Types from Olive Microcuttings for Isolation of High-Quality RNA. <i>Biology</i> , 2021, 10, 209.	2.8	4
6	Carrot AOX2a Transcript Profile Responds to Growth and Chilling Exposure. <i>Plants</i> , 2021, 10, 2369.	3.5	7
7	Response of Mycorrhizal "Touriga Nacional" Variety Grapevines to High Temperatures Measured by Calorespirometry and Near-Infrared Spectroscopy. <i>Plants</i> , 2020, 9, 1499.	3.5	8
8	Somatic Embryogenesis from Mature Embryos of <i>Olea europaea</i> L. cv. "Galega Vulgar"™ and Long-Term Management of Calli Morphogenic Capacity. <i>Plants</i> , 2020, 9, 758.	3.5	13
9	Expression Profile of PIN-Formed Auxin Efflux Carrier Genes during IBA-Induced In Vitro Adventitious Rooting in <i>Olea europaea</i> L.. <i>Plants</i> , 2020, 9, 185.	3.5	17
10	Genome Modification Approaches to Improve Performance, Quality, and Stress Tolerance of Important Mediterranean Fruit Species (<i>Olea europaea</i> L., <i>Vitis vinifera</i> L., and <i>Quercus suber</i> L.). , 2019, , 273-312.		2
11	Somatic Embryogenesis in Iberian Grapevine (<i>Vitis vinifera</i>) Cultivars Using Carpels as Initial Explants: Protocol Establishment and Histological Evaluation. <i>Journal of Agricultural Science and Technology B</i> , 2019, 9, .	0.1	2
12	AOX1-Subfamily Gene Members in <i>Olea europaea</i> cv. "Galega Vulgar"™ Gene Characterization and Expression of Transcripts during IBA-Induced in Vitro Adventitious Rooting. <i>International Journal of Molecular Sciences</i> , 2018, 19, 597.	4.1	23
13	Interlaboratory Comparison of Methods Determining the Botanical Composition of Animal Feed. <i>Journal of AOAC INTERNATIONAL</i> , 2018, 101, 227-234.	1.5	3
14	A TaqMan real-time PCR method based on alternative oxidase genes for detection of plant species in animal feed samples. <i>PLoS ONE</i> , 2018, 13, e0190668.	2.5	7
15	Screening natural variability for carrot breeding application " a target gene approach. <i>Acta Horticulturae</i> , 2017, , 69-76.	0.2	0
16	Characterization of the plastid terminal oxidase gene in carrot-involvement in carotenoids accumulation during storage root development. <i>Acta Horticulturae</i> , 2017, , 85-92.	0.2	0
17	Stress-Induced Accumulation of DcAOX1 and DcAOX2a Transcripts Coincides with Critical Time Point for Structural Biomass Prediction in Carrot Primary Cultures (<i>Daucus carota</i> L.). <i>Frontiers in Genetics</i> , 2016, 7, 1.	2.3	120
18	Alternative Oxidase Gene Family in <i>Hypericum perforatum</i> L.: Characterization and Expression at the Post-germinative Phase. <i>Frontiers in Plant Science</i> , 2016, 7, 1043.	3.6	12

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19	Isolation and characterization of plastid terminal oxidase gene from carrot and its relation to carotenoid accumulation. <i>Plant Gene</i> , 2016, 5, 13-21.	2.3	7
20	Carrot plastid terminal oxidase gene (DcPTOX) responds early to chilling and harbors intronic pre-miRNAs related to plant disease defense. <i>Plant Gene</i> , 2016, 7, 21-25.	2.3	7
21	Allelic variation on DcAOX1 gene in carrot (<i>Daucus carota</i> L.): An interesting simple sequence repeat in a highly variable intron. <i>Plant Gene</i> , 2016, 5, 49-55.	2.3	25
22	Do Mitochondria Play a Central Role in Stress-Induced Somatic Embryogenesis?. <i>Methods in Molecular Biology</i> , 2016, 1359, 87-100.	0.9	9
23	Exploring AOX gene diversity. , 2015, , 239-254.		6
24	Functional marker development from AOX genes requires deep phenotyping and individualized diagnosis. , 2015, , 273-280.		0
25	Intra and Inter-Spore Variability in <i>Rhizophagus irregularis</i> AOX Gene. <i>PLoS ONE</i> , 2015, 10, e0142339.	2.5	23
26	Selection of suitable reference genes for reverse transcription quantitative real-time PCR studies on different experimental systems from carrot (<i>Daucus carota</i> L.). <i>Scientia Horticulturae</i> , 2015, 186, 115-123.	3.6	22
27	Reference Genes Selection and Normalization of Oxidative Stress Responsive Genes upon Different Temperature Stress Conditions in <i>Hypericum perforatum</i> L. <i>PLoS ONE</i> , 2014, 9, e115206.	2.5	44
28	Carrot antifreeze protein enhances chilling tolerance in transgenic tomato. <i>Acta Physiologiae Plantarum</i> , 2014, 36, 21-27.	2.1	10
29	Involvement of alternative oxidase (AOX) in adventitious rooting of <i>Olea europaea</i> L. microshoots is linked to adaptive phenylpropanoid and lignin metabolism. <i>Plant Cell Reports</i> , 2012, 31, 1581-1590.	5.6	42
30	Alternative oxidase (AOX) and phenolic metabolism in methyl jasmonate-treated hairy root cultures of <i>Daucus carota</i> L.. <i>Journal of Plant Physiology</i> , 2012, 169, 657-663.	3.5	35
31	GENETIC TRANSFORMATION OF <i>V. VINIFERA</i> - TWO ALTERNATIVE SYSTEMS UNDER EVALUATION. <i>Acta Horticulturae</i> , 2012, , 421-427.	0.2	0
32	Polymorphisms in intron 1 of carrot <i>AOX2b</i> â€” a useful tool to develop a functional marker?. <i>Plant Genetic Resources: Characterisation and Utilisation</i> , 2011, 9, 177-180.	0.8	13
33	Use of morphometric parameters for tracking ovule and microspore evolution in grapevine (<i>Vitis</i>) Tj ETQq1 1 0.784314 rgBT /Overlook 1 embryogenesis efficiency from gametophyte tissues. <i>In Vitro Cellular and Developmental Biology - Plant</i> . 2010, 46, 499-508.	2.1	10
34	SIMPLIFYING PROCEDURES TO INCREASE COMPETITIVENESS AT IN VITRO PROPAGATION OF THE OLIVE CULTIVAR 'GALEGA VULGAR'. <i>Acta Horticulturae</i> , 2009, , 277-283.	0.2	1
35	The alternative oxidase family of <i>Vitis vinifera</i> reveals an attractive model to study the importance of genomic design. <i>Physiologia Plantarum</i> , 2009, 137, 553-565.	5.2	34
36	Alternative oxidase involvement in <i>Daucus carota</i> somatic embryogenesis. <i>Physiologia Plantarum</i> , 2009, 137, 498-508.	5.2	34

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37	The gymnosperm <i>Pinus pinea</i> contains both AOX gene subfamilies, AOX1 and AOX2. <i>Physiologia Plantarum</i> , 2009, 137, 566-577.	5.2	23
38	Differential expression and co-regulation of carrot AOX genes (<i>Daucus carota</i>). <i>Physiologia Plantarum</i> , 2009, 137, 578-591.	5.2	43
39	Intron polymorphism pattern in AOX1b of wild St John's wort (<i>Hypericum perforatum</i>) allows discrimination between individual plants. <i>Physiologia Plantarum</i> , 2009, 137, 520-531.	5.2	32
40	Carrot alternative oxidase gene AOX2a demonstrates allelic and genotypic polymorphisms in intron 3. <i>Physiologia Plantarum</i> , 2009, 137, 592-608.	5.2	36
41	Physiologic responses and gene diversity indicate olive alternative oxidase as a potential source for markers involved in efficient adventitious root induction. <i>Physiologia Plantarum</i> , 2009, 137, 532-552.	5.2	61
42	<i>Daucus carota</i> L. " An old model for cell reprogramming gains new importance through a novel expansion pattern of alternative oxidase (AOX) genes. <i>Plant Physiology and Biochemistry</i> , 2009, 47, 753-759.	5.8	32
43	Coconut water and BAP successfully replaced zeatin in olive (<i>Olea europaea</i> L.) micropropagation. <i>Scientia Horticulturae</i> , 2007, 113, 1-7.	3.6	69
44	Cost effective method for construction of high quality cDNA libraries. <i>New Biotechnology</i> , 2007, 24, 419-421.	2.7	1
45	OPTIMIZATION OF A PARTICLE BOMBARDMENT PROTOCOL FOR VITIS VINIFERA CV. 'TRINCADEIRA' AND CV. 'ARAGONEZ' TRANSFORMATION. <i>Acta Horticulturae</i> , 2004, , 407-413.	0.2	0