Amaia Nogales

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/1562079/publications.pdf

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28	480	759233 12	713466 21
papers	citations	h-index	g-index

30	30	30	636
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Stress-Induced Accumulation of DcAOX1 and DcAOX2a Transcripts Coincides with Critical Time Point for Structural Biomass Prediction in Carrot Primary Cultures (Daucus carota L.). Frontiers in Genetics, 2016, 7, 1.	2.3	120
2	Can functional hologenomics aid tackling current challenges in plant breeding?. Briefings in Functional Genomics, 2016, 15, 288-297.	2.7	52
3	Response of mycorrhizal grapevine to Armillaria mellea inoculation: disease development and polyamines. Plant and Soil, 2009, 317, 177-187.	3.7	42
4	Response of the grapevine rootstock Richter 110 to inoculation with native and selected arbuscular mycorrhizal fungi and growth performance in a replant vineyard. Mycorrhiza, 2008, 18, 211-216.	2.8	40
5	A Functional Approach towards Understanding the Role of the Mitochondrial Respiratory Chain in an Endomycorrhizal Symbiosis. Frontiers in Plant Science, 2017, 8, 417.	3.6	29
6	Allelic variation on DcAOX1 gene in carrot (Daucus carota L.): An interesting simple sequence repeat in a highly variable intron. Plant Gene, 2016, 5, 49-55.	2.3	25
7	Intra and Inter-Spore Variability in Rhizophagus irregularis AOX Gene. PLoS ONE, 2015, 10, e0142339.	2.5	23
8	Mycorrhizal Inoculation Differentially Affects Grapevine's Performance in Copper Contaminated and Non-contaminated Soils. Frontiers in Plant Science, 2018, 9, 1906.	3.6	20
9	The effects of field inoculation of arbuscular mycorrhizal fungi through rye donor plants on grapevine performance and soil properties. Agriculture, Ecosystems and Environment, 2021, 313, 107369.	5.3	18
10	Phenotyping carrot (Daucus carota L.) for yield-determining temperature response by calorespirometry. Planta, 2015, 241, 525-538.	3.2	16
11	Calorespirometry, oxygen isotope analysis and functional-marker-assisted selection ('CalOxy-FMAS') for genotype screening: A novel concept and tool kit for predicting stable plant growth performance and functional marker identification. Briefings in Functional Genomics, 2015, 15, 10-5.	2.7	14
12	Calorespirometry as a tool for studying temperature response in carrot (Daucus carota L.). Engineering in Life Sciences, 2013, 13, 541-548.	3.6	13
13	Alternative Oxidase Gene Family in Hypericum perforatum L.: Characterization and Expression at the Post-germinative Phase. Frontiers in Plant Science, 2016, 7, 1043.	3.6	12
14	Response of Mycorrhizal â€™Touriga Nacionalâ€˜ Variety Grapevines to High Temperatures Measured by Calorespirometry and Near-Infrared Spectroscopy. Plants, 2020, 9, 1499.	3.5	8
15	Isolation and characterization of plastid terminal oxidase gene from carrot and its relation to carotenoid accumulation. Plant Gene, 2016, 5, 13-21.	2.3	7
16	Carrot plastid terminal oxidase gene (DcPTOX) responds early to chilling and harbors intronic pre-miRNAs related to plant disease defense. Plant Gene, 2016, 7, 21-25.	2.3	7
17	Carrot AOX2a Transcript Profile Responds to Growth and Chilling Exposure. Plants, 2021, 10, 2369.	3.5	7
18	ExploringAOXgene diversity. , 2015, , 239-254.		6

#	Article	IF	Citations
19	AOXgene diversity can affect DNA methylation and genome organization relevant for functional marker development. , 2015, , 281-285.		4
20	Exploring the Applicability of Calorespirometry to Assess Seed Metabolic Stability Upon Temperature Stress Conditionsâ€"Pisum sativum L. Used as a Case Study. Frontiers in Plant Science, 2022, 13, 827117.	3.6	4
21	Plantago lanceolata growth and Cr uptake after mycorrhizal inoculation in a Cr amended substrate. Agricultural and Food Science, 2012, 21, 72-79.	0.9	3
22	Detrimental effects of copper and EDTA co-application on grapevine root growth and nutrient balance. Rhizosphere, 2021, 19, 100392.	3.0	2
23	Phosphate Fertilization and Mycorrhizal Inoculation Increase Corn Leaf and Grain Nutrient Contents. Agronomy, 2022, 12, 1597.	3.0	2
24	AOXdiversity studies stimulate novel tool development for phenotyping. , 2015, , 299-304.		1
25	Functional marker development fromAOXgenes requires deep phenotyping and individualized diagnosis. , 2015, , 273-280.		0
26	Screening natural variability for carrot breeding application â€“ a target gene approach. Acta Horticulturae, 2017, , 69-76.	0.2	0
27	Characterization of the plastid terminal oxidase gene in carrot-involvement in carotenoids accumulation during storage root development. Acta Horticulturae, 2017, , 85-92.	0.2	0
28	Chemical Seed Treatment And Mycorrhizal Inoculation Provide Better Development And Nutrition Of Common Bean Plants. Pest Management Science, 2022, , .	3.4	0