

Alessio Aprile

List of Publications by Year in descending order

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Version: 2024-02-01

43
papers

1,673
citations

304602

22
h-index

302012

39
g-index

45
all docs

45
docs citations

45
times ranked

2554
citing authors

#	ARTICLE	IF	CITATIONS
1	Transcriptional profiling in response to terminal drought stress reveals differential responses along the wheat genome. <i>BMC Genomics</i> , 2009, 10, 279.	1.2	137
2	Mapping regulatory genes as candidates for cold and drought stress tolerance in barley. <i>Theoretical and Applied Genetics</i> , 2006, 112, 445-454.	1.8	128
3	The expression of several Cbf genes at the Fr-A2 locus is linked to frost resistance in wheat. <i>Molecular Genetics and Genomics</i> , 2005, 274, 506-514.	1.0	123
4	Response to zinc deficiency of two rice lines with contrasting tolerance is determined by root growth maintenance and organic acid exudation rates, and not by zinc transporter activity. <i>New Phytologist</i> , 2010, 186, 400-414.	3.5	106
5	Different stress responsive strategies to drought and heat in two durum wheat cultivars with contrasting water use efficiency. <i>BMC Genomics</i> , 2013, 14, 821.	1.2	93
6	Reactive oxygen species and transcript analysis upon excess light treatment in wild-type <i>Arabidopsis thaliana</i> vs a photosensitive mutant lacking zeaxanthin and lutein. <i>BMC Plant Biology</i> , 2011, 11, 62.	1.6	88
7	Novel durum wheat genes up-regulated in response to a combination of heat and drought stress. <i>Plant Physiology and Biochemistry</i> , 2012, 56, 72-78.	2.8	83
8	<i>Xylella fastidiosa</i> induces differential expression of lignification related-genes and lignin accumulation in tolerant olive trees cv. Leccino. <i>Journal of Plant Physiology</i> , 2018, 220, 60-68.	1.6	83
9	Transcriptional responses of winter barley to cold indicate nucleosome remodelling as a specific feature of crown tissues. <i>Functional and Integrative Genomics</i> , 2011, 11, 307-325.	1.4	65
10	Expression of the H ⁺ -ATPase AHA10 proton pump is associated with citric acid accumulation in lemon juice sac cells. <i>Functional and Integrative Genomics</i> , 2011, 11, 551-563.	1.4	54
11	Evaluation of Phytochemical and Antioxidant Properties of 15 Italian <i>Olea europaea</i> L. Cultivar Leaves. <i>Molecules</i> , 2019, 24, 1998.	1.7	53
12	Phenolic Profile and Antioxidant Activity of Italian Monovarietal Extra Virgin Olive Oils. <i>Antioxidants</i> , 2019, 8, 161.	2.2	51
13	Influence of Bagging on the Development and Quality of Fruits. <i>Plants</i> , 2021, 10, 358.	1.6	45
14	Identifying plant genes shaping microbiota composition in the barley rhizosphere. <i>Nature Communications</i> , 2022, 13, .	5.8	44
15	Xylem cavitation susceptibility and refilling mechanisms in olive trees infected by <i>Xylella fastidiosa</i> . <i>Scientific Reports</i> , 2019, 9, 9602.	1.6	42
16	Cadmium Concentration in Grains of Durum Wheat (<i>Triticum turgidum</i> L. subsp. <i>durum</i>). <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 6240-6246.	2.4	39
17	Transcriptomic and proteomic analyses of a pale-green durum wheat mutant shows variations in photosystem components and metabolic deficiencies under drought stress. <i>BMC Genomics</i> , 2014, 15, 125.	1.2	37
18	Editorial for Special Issue "Heavy Metals Accumulation, Toxicity, and Detoxification in Plants" <i>International Journal of Molecular Sciences</i> , 2020, 21, 4103.	1.8	35

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19	Activation of a gene network in durum wheat roots exposed to cadmium. BMC Plant Biology, 2018, 18, 238.	1.6	30
20	Impact of Climate Change on Durum Wheat Yield. Agronomy, 2020, 10, 793.	1.3	29
21	Wounding tomato fruit elicits ripening-stage specific changes in gene expression and production of volatile compounds. Journal of Experimental Botany, 2015, 66, 1511-1526.	2.4	28
22	Accumulation of Azelaic Acid in <i>Xylella fastidiosa</i> -Infected Olive Trees: A Mobile Metabolite for Health Screening. Phytopathology, 2019, 109, 318-325.	1.1	24
23	Antioxidant Activity and Anthocyanin Contents in Olives (cv Cellina di Nard ²) during Ripening and after Fermentation. Antioxidants, 2019, 8, 138.	2.2	23
24	Molecular Effects of <i>Xylella fastidiosa</i> and Drought Combined Stress in Olive Trees. Plants, 2019, 8, 437.	1.6	22
25	Combined Effect of Cadmium and Lead on Durum Wheat. International Journal of Molecular Sciences, 2019, 20, 5891.	1.8	21
26	Screening of Olive Biodiversity Defines Genotypes Potentially Resistant to <i>Xylella fastidiosa</i> . Frontiers in Plant Science, 2021, 12, 723879.	1.7	20
27	Antioxidant Activity and Polyphenols Characterization of Four Monovarietal Grape Pomaces from Salento (Apulia, Italy). Antioxidants, 2021, 10, 1406.	2.2	20
28	Phylogenetic analysis of viruses in Tuscan <i>Vitis vinifera sylvestris</i> (Gmel) Hegi. PLoS ONE, 2018, 13, e0200875.	1.1	17
29	Nutraceutical Properties of Mulberries Grown in Southern Italy (Apulia). Antioxidants, 2019, 8, 223.	2.2	17
30	Biochemical Changes in Leaves of <i>Vitis vinifera</i> cv. Sangiovese Infected by Bois Noir Phytoplasma. Pathogens, 2020, 9, 269.	1.2	17
31	Rootstock and soil induce transcriptome modulation of phenylpropanoid pathway in grape leaves. Journal of Plant Interactions, 2013, 8, 334-349.	1.0	16
32	<i>Arthrinium phaeospermum</i> isolated from <i>Tuber borchii</i> ascomata: the first evidence for a "Mycorrhization Helper Fungus". Mycological Progress, 2015, 14, 1.	0.5	14
33	Grafting response to excess boron and expression analysis of genes coding boron transporters in tomato. Plant Biology, 2017, 19, 728-735.	1.8	10
34	Molecular Responses to Cadmium Exposure in Two Contrasting Durum Wheat Genotypes. International Journal of Molecular Sciences, 2021, 22, 7343.	1.8	10
35	Glutathione S-transferase related detoxification processes are correlated with receptor-mediated vacuolar sorting mechanisms. Plant Cell Reports, 2017, 36, 1361-1373.	2.8	9
36	Secondary Metabolites in <i>Xylella fastidiosa</i> "Plant Interaction. Pathogens, 2020, 9, 675.	1.2	9

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37	Effects of Cadmium on Root Morpho-Physiology of Durum Wheat. <i>Frontiers in Plant Science</i> , 0, 13, .	1.7	9
38	The up-regulation of elongation factors in the barley leaf and the down-regulation of nucleosome assembly genes in the crown are both associated with the expression of frost tolerance. <i>Functional and Integrative Genomics</i> , 2014, 14, 493-506.	1.4	6
39	Phenolic characterization of olive genotypes potentially resistant to <i>Xylella</i> . <i>Journal of Plant Interactions</i> , 2022, 17, 462-474.	1.0	5
40	<i>Salvia clandestina</i> L.: unexploited source of danshensu. <i>Natural Product Research</i> , 2019, 33, 439-442.	1.0	4
41	Early trans-plasma membrane responses to Tobacco mosaic virus infection. <i>Acta Physiologiae Plantarum</i> , 2017, 39, 1.	1.0	2
42	Modification of gene expression under drought and heat stress in durum wheat. <i>Journal of Biotechnology</i> , 2010, 150, 113-113.	1.9	1
43	<i>Tuber borchii</i> Vitt. mycorrhiza protects <i>Cistus creticus</i> L. from heavy metal toxicity. <i>Environmental and Experimental Botany</i> , 2016, 130, 181-188.	2.0	1