

Mnica Meijn

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

46
papers

1,325
citations

22
h-index

36
g-index

48
ext. papers

1,809
ext. citations

5.3
avg, IF

4.27
L-index

#	Paper	IF	Citations
46	Phosphatidylinositol 4,5-bisphosphate influences PIN polarization by controlling clathrin-mediated membrane trafficking in Arabidopsis. <i>Plant Cell</i> , 2013 , 25, 4894-911	11.6	127
45	Genome-wide association study using cellular traits identifies a new regulator of root development in Arabidopsis. <i>Nature Genetics</i> , 2014 , 46, 77-81	36.3	109
44	Involvement of DNA methylation in tree development and micropropagation. <i>Plant Cell, Tissue and Organ Culture</i> , 2007 , 91, 75-86	2.7	102
43	Acetylated H4 histone and genomic DNA methylation patterns during bud set and bud burst in <i>Castanea sativa</i> . <i>Journal of Plant Physiology</i> , 2009 , 166, 1360-9	3.6	82
42	A universal protocol for the combined isolation of metabolites, DNA, long RNAs, small RNAs, and proteins from plants and microorganisms. <i>Plant Journal</i> , 2014 , 79, 173-80	6.9	66
41	DNA methylation dynamics and MET1a-like gene expression changes during stress-induced pollen reprogramming to embryogenesis. <i>Journal of Experimental Botany</i> , 2012 , 63, 6431-44	7	59
40	Is the interplay between epigenetic markers related to the acclimation of cork oak plants to high temperatures?. <i>PLoS ONE</i> , 2013 , 8, e53543	3.7	56
39	Variations in DNA methylation, acetylated histone H4, and methylated histone H3 during <i>Pinus radiata</i> needle maturation in relation to the loss of in vitro organogenic capability. <i>Journal of Plant Physiology</i> , 2010 , 167, 351-7	3.6	51
38	Combined proteomic and transcriptomic analysis identifies differentially expressed pathways associated to <i>Pinus radiata</i> needle maturation. <i>Journal of Proteome Research</i> , 2010 , 9, 3954-79	5.6	50
37	Comprehensive cell-specific protein analysis in early and late pollen development from diploid microsporocytes to pollen tube growth. <i>Molecular and Cellular Proteomics</i> , 2014 , 13, 295-310	7.6	44
36	Exploring natural variation of <i>Pinus pinaster</i> Aiton using metabolomics: Is it possible to identify the region of origin of a pine from its metabolites?. <i>Molecular Ecology</i> , 2016 , 25, 959-76	5.7	42
35	Integrated physiological and hormonal profile of heat-induced thermotolerance in <i>Pinus radiata</i> . <i>Tree Physiology</i> , 2016 , 36, 63-77	4.2	40
34	Morphological and physiological responses of proliferating shoots of teak to temporary immersion and BA treatments. <i>Plant Cell, Tissue and Organ Culture</i> , 2012 , 109, 223-234	2.7	40
33	Dynamics of DNA methylation and Histone H4 acetylation during floral bud differentiation in azalea. <i>BMC Plant Biology</i> , 2010 , 10, 10	5.3	39
32	Salicylic acid application modulates physiological and hormonal changes in <i>Eucalyptus globulus</i> under water deficit. <i>Environmental and Experimental Botany</i> , 2015 , 118, 56-66	5.9	31
31	Epigenetic characterization of the vegetative and floral stages of azalea buds: dynamics of DNA methylation and histone H4 acetylation. <i>Journal of Plant Physiology</i> , 2009 , 166, 1624-36	3.6	31
30	Kaolin modulates ABA and IAA dynamics and physiology of grapevine under Mediterranean summer stress. <i>Journal of Plant Physiology</i> , 2018 , 220, 181-192	3.6	31

29	Kaolin particle film application lowers oxidative damage and DNA methylation on grapevine (<i>Vitis vinifera</i> L.). <i>Environmental and Experimental Botany</i> , 2017 , 139, 39-47	5.9	30
28	Improvement of compactness and floral quality in azalea by means of application of plant growth regulators. <i>Scientia Horticulturae</i> , 2009 , 119, 169-176	4.1	30
27	Integrated Physiological, Proteomic, and Metabolomic Analysis of Ultra Violet (UV) Stress Responses and Adaptation Mechanisms in. <i>Molecular and Cellular Proteomics</i> , 2017 , 16, 485-501	7.6	28
26	Metabolome Integrated Analysis of High-Temperature Response in. <i>Frontiers in Plant Science</i> , 2018 , 9, 485	6.2	25
25	System-wide analysis of short-term response to high temperature in <i>Pinus radiata</i> . <i>Journal of Experimental Botany</i> , 2017 , 68, 3629-3641	7	25
24	Kaolin and salicylic acid alleviate summer stress in rainfed olive orchards by modulation of distinct physiological and biochemical responses. <i>Scientia Horticulturae</i> , 2019 , 246, 201-211	4.1	21
23	Salicylic acid modulates olive tree physiological and growth responses to drought and rewatering events in a dose dependent manner. <i>Journal of Plant Physiology</i> , 2018 , 230, 21-32	3.6	19
22	Epigenetic and physiological effects of gibberellin inhibitors and chemical pruners on the floral transition of azalea. <i>Physiologia Plantarum</i> , 2011 , 141, 276-88	4.6	19
21	Integrative analysis of the nuclear proteome in <i>Pinus radiata</i> reveals thermoprimering coupled to epigenetic regulation. <i>Journal of Experimental Botany</i> , 2020 , 71, 2040-2057	7	17
20	Early induced protein 1 (PrELIP1) and other photosynthetic, stress and epigenetic regulation genes are involved in <i>Pinus radiata</i> D. don UV-B radiation response. <i>Physiologia Plantarum</i> , 2012 , 146, 308-20	4.6	15
19	Depicting how <i>Eucalyptus globulus</i> survives drought: involvement of redox and DNA methylation events. <i>Functional Plant Biology</i> , 2016 , 43, 838-850	2.7	13
18	Hormonal Profile in Vegetative and Floral Buds of Azalea: Levels of Polyamines, Gibberellins, and Cytokinins. <i>Journal of Plant Growth Regulation</i> , 2011 , 30, 74-82	4.7	12
17	Conserved Epigenetic Mechanisms Could Play a Key Role in Regulation of Photosynthesis and Development-Related Genes during Needle Development of <i>Pinus radiata</i> . <i>PLoS ONE</i> , 2015 , 10, e0126405	3.7	12
16	Germination and Early Seedling Development in Recalcitrant and Non-dormant Seeds: Targeted Transcriptional, Hormonal, and Sugar Analysis. <i>Frontiers in Plant Science</i> , 2018 , 9, 1508	6.2	9
15	Induction of <i>Radiata</i> Pine Somatic Embryogenesis at High Temperatures Provokes a Long-Term Decrease in DNA Methylation/Hydroxymethylation and Differential Expression of Stress-Related Genes. <i>Plants</i> , 2020 , 9,	4.5	7
14	In-depth analysis of the <i>Quercus suber</i> metabolome under drought stress and recovery reveals potential key metabolic players. <i>Plant Science</i> , 2020 , 299, 110606	5.3	7
13	Low UV-C stress modulates biomass composition and oxidative stress response through proteomic and metabolomic changes involving novel signalers and effectors. <i>Biotechnology for Biofuels</i> , 2020 , 13, 110	7.8	6
12	Plant Epigenetics 2008 , 225-239		6

11	Promotion of flowering in azaleas by manipulating photoperiod and temperature induces epigenetic alterations during floral transition. <i>Physiologia Plantarum</i> , 2011 , 143, 82-92	4.6	5
10	Epigenetics, the role of DNA methylation in tree development. <i>Methods in Molecular Biology</i> , 2012 , 877, 277-301	1.4	4
9	Basic procedures for epigenetic analysis in plant cell and tissue culture. <i>Methods in Molecular Biology</i> , 2012 , 877, 325-41	1.4	4
8	Epigenetics in Forest Trees: Keep Calm and Carry On 2019 , 381-403		3
7	Can Epigenetics Help Forest Plants to Adapt to Climate Change? 2014 , 125-146		2
6	The rainbow protocol: A sequential method for quantifying pigments, sugars, free amino acids, phenolics, flavonoids and MDA from a small amount of sample. <i>Plant, Cell and Environment</i> , 2021 , 44, 1977-1986	8.4	2
5	When the Tree Let Us See the Forest: Systems Biology and Natural Variation Studies in Forest Species. <i>Progress in Botany Fortschritte Der Botanik</i> , 2018 , 353-375	0.6	2
4	Proteometabolomic characterization of apical bud maturation in <i>Pinus pinaster</i> . <i>Tree Physiology</i> , 2021 , 41, 508-521	4.2	1
3	Subcellular Proteomics in Conifers: Purification of Nuclei and Chloroplast Proteomes. <i>Methods in Molecular Biology</i> , 2020 , 2139, 69-78	1.4	0
2	Protein Interaction Networks: Functional and Statistical Approaches. <i>Methods in Molecular Biology</i> , 2020 , 2139, 21-56	1.4	0
1	Multiple Biomolecule Isolation Protocol Compatible with Mass Spectrometry and Other High-Throughput Analyses in Microalgae. <i>Methods in Molecular Biology</i> , 2020 , 2139, 11-20	1.4	