

# Mónica Escandón Martínez

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/328251/publications.pdf>

Version: 2024-02-01

21  
papers

627  
citations

759233

12  
h-index

839539

18  
g-index

22  
all docs

22  
docs citations

22  
times ranked

621  
citing authors

#	ARTICLE	IF	CITATIONS
1	A universal protocol for the combined isolation of metabolites, <sc>DNA</sc>, long <sc>RNA</sc>s, small <sc>RNA</sc>s, and proteins from plants and microorganisms. <i>Plant Journal</i> , 2014, 79, 173-180.	5.7	132
2	Integrated Physiological, Proteomic, and Metabolomic Analysis of Ultra Violet (UV) Stress Responses and Adaptation Mechanisms in <i>Pinus radiata</i> . <i>Molecular and Cellular Proteomics</i> , 2017, 16, 485-501.	3.8	75
3	Integrated physiological and hormonal profile of heat-induced thermotolerance in <i>Pinus radiata</i>. <i>Tree Physiology</i> , 2016, 36, 63-77.	3.1	70
4	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.	4.8	67
5	Metabolome Integrated Analysis of High-Temperature Response in <i>Pinus radiata</i> . <i>Frontiers in Plant Science</i> , 2018, 9, 485.	3.6	46
6	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.	4.2	44
7	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.	3.6	35
8	Integrative analysis of the nuclear proteome in <i>Pinus radiata</i> reveals thermopriming coupled to epigenetic regulation. <i>Journal of Experimental Botany</i> , 2020, 71, 2040-2057.	4.8	34
9	The variations in the nuclear proteome reveal new transcription factors and mechanisms involved in UV stress response in <i>Pinus radiata</i> . <i>Journal of Proteomics</i> , 2016, 143, 390-400.	2.4	20
10	Molecular Research on Stress Responses in <i>Quercus</i> spp.: From Classical Biochemistry to Systems Biology through Omics Analysis. <i>Forests</i> , 2021, 12, 364.	2.1	18
11	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.	3.6	17
12	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.	2.5	13
13	Can Epigenetics Help Forest Plants to Adapt to Climate Change?. , 2014, , 125-146.		12
14	GeLC-Orbitrap/MS and 2-DE-MALDI-TOF/TOF comparative proteomics analysis of seed cotyledons from the non-orthodox <i>Quercus ilex</i> tree species. <i>Journal of Proteomics</i> , 2021, 233, 104087.	2.4	11
15	Temporal physiological response of pine to <i>Fusarium circinatum</i> infection is dependent on host susceptibility level: the role of ABA catabolism. <i>Tree Physiology</i> , 2021, 41, 801-816.	3.1	8
16	Protein Interaction Networks: Functional and Statistical Approaches. <i>Methods in Molecular Biology</i> , 2020, 2139, 21-56.	0.9	7
17	Recent Advances in MS-Based Plant Proteomics: Proteomics Data Validation Through Integration with Other Classic and -Omics Approaches. <i>Progress in Botany Fortschritte Der Botanik</i> , 2019, , 77-101.	0.3	6
18	Application and optimization of label-free shotgun approaches in the study of <i>Quercus ilex</i> . <i>Journal of Proteomics</i> , 2021, 233, 104082.	2.4	6

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19	Identification of Proteases and Protease Inhibitors in Seeds of the Recalcitrant Forest Tree Species <i>Quercus ilex</i> . <i>Frontiers in Plant Science</i> , 0, 13, .	3.6	3
20	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.	0.3	2
21	A Pipeline for Metabolic Pathway Reconstruction in Plant Orphan Species. <i>Methods in Molecular Biology</i> , 2020, 2139, 367-380.	0.9	0