

MarÃ-a-Dolores Rey

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

1,568
citations

567281

15
h-index

526287

27
g-index

35
all docs

35
docs citations

35
times ranked

2065
citing authors

#	ARTICLE	IF	CITATIONS
1	Untargeted MS-Based Metabolomics Analysis of the Responses to Drought Stress in <i>Quercus ilex</i> L. Leaf Seedlings and the Identification of Putative Compounds Related to Tolerance. <i>Forests</i> , 2022, 13, 551.	2.1	13
2	Population genetic structure and dispersal of <i>Pinus occidentalis</i> in the Dominican Republic by chloroplastic SSR, with implications for its conservation, management, and reforestation. <i>Canadian Journal of Forest Research</i> , 2022, 52, 553-560.	1.7	0
3	Wheat, Rye, and Barley Genomes Can Associate during Meiosis in Newly Synthesized Trigeneric Hybrids. <i>Plants</i> , 2021, 10, 113.	3.5	6
4	Proteomics Data Analysis for the Identification of Proteins and Derived Proteotypic Peptides of Potential Use as Putative Drought Tolerance Markers for <i>Quercus ilex</i> . <i>International Journal of Molecular Sciences</i> , 2021, 22, 3191.	4.1	13
5	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
6	Combining P and Zn fertilization to enhance yield and grain quality in maize grown on Mediterranean soils. <i>Scientific Reports</i> , 2021, 11, 7427.	3.3	12
7	Subtelomeric assembly of a multi-gene pathway for antimicrobial defense compounds in cereals. <i>Nature Communications</i> , 2021, 12, 2563.	12.8	51
8	Changes in the transcript and protein profiles of <i>Quercus ilex</i> seedlings in response to drought stress. <i>Journal of Proteomics</i> , 2021, 243, 104263.	2.4	13
9	Effect and Response of <i>Quercus ilex</i> subsp. <i>ballota</i> [Desf.] Samp. Seedlings From Three Contrasting Andalusian Populations to Individual and Combined <i>Phytophthora cinnamomi</i> and Drought Stresses. <i>Frontiers in Plant Science</i> , 2021, 12, 722802.	3.6	23
10	Intergenomic Crossover Formation in Newly Synthesized Trigeneric Hybrids Involving Wheat, Rye and Barley. <i>Biology and Life Sciences Forum</i> , 2021, 4, 24.	0.6	0
11	Dmc1 is a candidate for temperature tolerance during wheat meiosis. <i>Theoretical and Applied Genetics</i> , 2020, 133, 809-828.	3.6	23
12	Responses and Differences in Tolerance to Water Shortage under Climatic Dryness Conditions in Seedlings from <i>Quercus</i> spp. and Andalusian <i>Q. ilex</i> Populations. <i>Forests</i> , 2020, 11, 707.	2.1	19
13	Specific Protein Database Creation from Transcriptomics Data in Nonmodel Species: Holm Oak (<i>Quercus ilex</i> L.). <i>Methods in Molecular Biology</i> , 2020, 2139, 57-68.	0.9	3
14	Ion Torrent and Illumina, two complementary RNA-seq platforms for constructing the holm oak (<i>Quercus ilex</i>) transcriptome. <i>PLoS ONE</i> , 2019, 14, e0210356.	2.5	28
15	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
16	Proteomics, Holm Oak (<i>Quercus ilex</i> L.) and Other Recalcitrant and Orphan Forest Tree Species: How do They See Each Other?. <i>International Journal of Molecular Sciences</i> , 2019, 20, 692.	4.1	20
17	Speed breeding is a powerful tool to accelerate crop research and breeding. <i>Nature Plants</i> , 2018, 4, 23-29.	9.3	770
18	Identification and comparison of individual chromosomes of three accessions of <i>Hordeum chilense</i> , <i>Hordeum vulgare</i> , and <i>Triticum aestivum</i> by FISH. <i>Genome</i> , 2018, 61, 387-396.	2.0	32

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19	Magnesium Increases Homoeologous Crossover Frequency During Meiosis in ZIP4 (Ph1 Gene) Mutant Wheat-Wild Relative Hybrids. <i>Frontiers in Plant Science</i> , 2018, 9, 509.	3.6	96
20	Homoeologous Chromosomes From Two Hordeum Species Can Recognize and Associate During Meiosis in Wheat in the Presence of the Ph1 Locus. <i>Frontiers in Plant Science</i> , 2018, 9, 585.	3.6	14
21	Dual effect of the wheat Ph1 locus on chromosome synapsis and crossover. <i>Chromosoma</i> , 2017, 126, 669-680.	2.2	108
22	Detection of alien genetic introgressions in bread wheat using dot-blot genomic hybridisation. <i>Molecular Breeding</i> , 2017, 37, 32.	2.1	18
23	Exploiting the ZIP4 homologue within the wheat Ph1 locus has identified two lines exhibiting homoeologous crossover in wheat-wild relative hybrids. <i>Molecular Breeding</i> , 2017, 37, 95.	2.1	126
24	<i>Pseudomonas fluorescens</i> PICF7 displays an endophytic lifestyle in cultivated cereals and enhances yield in barley. <i>FEMS Microbiology Ecology</i> , 2016, 92, fiv092.	2.7	25
25	The use of the ph1b mutant to induce recombination between the chromosomes of wheat and barley. <i>Frontiers in Plant Science</i> , 2015, 6, 160.	3.6	36
26	Mapping the "breaker"™ element of the gametocidal locus proximal to a block of sub-telomeric heterochromatin on the long arm of chromosome 4Ssh of <i>Aegilops sharonensis</i> . <i>Theoretical and Applied Genetics</i> , 2015, 128, 1049-1059.	3.6	15
27	Novel Bread Wheat Lines Enriched in Carotenoids Carrying Hordeum chilense Chromosome Arms in the ph1b Background. <i>PLoS ONE</i> , 2015, 10, e0134598.	2.5	23
28	The subtelomeric region is important for chromosome recognition and pairing during meiosis. <i>Scientific Reports</i> , 2014, 4, 6488.	3.3	39
29	Dynamics of DNA Replication during Premeiosis and Early Meiosis in Wheat. <i>PLoS ONE</i> , 2014, 9, e107714.	2.5	3
30	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