

Pilar Prieto

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

5,559
citations

236925
25
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214800
47
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51
all docs

51
docs citations

51
times ranked

5791
citing authors

#	ARTICLE	IF	CITATIONS
1	Genomic and Meiotic Changes Accompanying Polyploidization. <i>Plants</i> , 2022, 11, 125.	3.5	23
2	Homologous chromosome associations in domains before meiosis could facilitate chromosome recognition and pairing in wheat. <i>Scientific Reports</i> , 2022, 12, .	3.3	2
3	Wild and Cultivated Homoeologous Barley Chromosomes Can Associate and Recombine in Wheat in the Absence of the Ph1 Locus. <i>Agronomy</i> , 2021, 11, 147.	3.0	4
4	Assessing the Involvement of Selected Phenotypes of <i>Pseudomonas simiae</i> PICF7 in Olive Root Colonization and Biological Control of <i>Verticillium dahliae</i> . <i>Plants</i> , 2021, 10, 412.	3.5	20
5	Telomeres and Subtelomeres Dynamics in the Context of Early Chromosome Interactions During Meiosis and Their Implications in Plant Breeding. <i>Frontiers in Plant Science</i> , 2021, 12, 672489.	3.6	17
6	Evaluation of Indigenous Olive Biocontrol Rhizobacteria as Protectants against Drought and Salt Stress. <i>Microorganisms</i> , 2021, 9, 1209.	3.6	8
7	Endophytes from African Rice (<i>Oryza glaberrima</i> L.) Efficiently Colonize Asian Rice (<i>Oryza sativa</i> L.) Stimulating the Activity of Its Antioxidant Enzymes and Increasing the Content of Nitrogen, Carbon, and Chlorophyll. <i>Microorganisms</i> , 2021, 9, 1714.	3.6	8
8	Analysis of Chromosome Associations during Early Meiosis in Wheat Lines Carrying Chromosome Introgressions from <i>Agropyron cristatum</i> . <i>Plants</i> , 2021, 10, 2292.	3.5	0
9	Sequence analysis of wheat subtelomeres reveals a high polymorphism among homoeologous chromosomes. <i>Plant Genome</i> , 2020, 13, e20065.	2.8	15
10	Chromosome Manipulation for Plant Breeding Purposes. <i>Agronomy</i> , 2020, 10, 1695.	3.0	3
11	Identification and validation of reference genes for RT-qPCR normalization in wheat meiosis. <i>Scientific Reports</i> , 2020, 10, 2726.	3.3	23
12	Analytical Methodology of Meiosis in Autopolyploid and Allopolyploid Plants. <i>Methods in Molecular Biology</i> , 2020, 2061, 141-168.	0.9	3
13	Efficient colonization of the endophytes <i>Herbaspirillum huttiense</i> RCA24 and <i>Enterobacter cloacae</i> RCA25 influences the physiological parameters of <i>Oryza sativa</i> L. cv. Baldo rice. <i>Environmental Microbiology</i> , 2019, 21, 3489-3504.	3.8	47
14	Mycovirus <i>Fusarium oxysporum</i> f. sp. <i>dianthi</i> Virus 1 Decreases the Colonizing Efficiency of Its Fungal Host. <i>Frontiers in Cellular and Infection Microbiology</i> , 2019, 9, 51.	3.9	13
15	Characterization of two homeodomain transcription factors with critical but distinct roles in virulence in the vascular pathogen <i>Verticillium dahliae</i> . <i>Molecular Plant Pathology</i> , 2018, 19, 986-1004.	4.2	39
16	Homoeologous Chromosomes From Two <i>Hordeum</i> 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
17	Detection of alien genetic introgressions in bread wheat using dot-blot genomic hybridisation. <i>Molecular Breeding</i> , 2017, 37, 32.	2.1	18
18	<i>Pseudomonas fluorescens</i> PICF7 displays an endophytic lifestyle in cultivated cereals and enhances yield in barley. <i>FEMS Microbiology Ecology</i> , 2016, 92, fiw092.	2.7	25

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19	Molecular diversity of bacterial endosymbionts associated with dagger nematodes of the genus <i>Xiphinema</i> (Nematoda: Longidoridae) reveals a high degree of phylogenetic congruence with their host. <i>Molecular Ecology</i> , 2016, 25, 6225-6247.	3.9	23
20	Fate of <i>Trichoderma harzianum</i> in the olive rhizosphere: time course of the root colonization process and interaction with the fungal pathogen <i>Verticillium dahliae</i> . <i>BioControl</i> , 2016, 61, 269-282.	2.0	56
21	<i>Arabidopsis thaliana</i> as a tool to identify traits involved in <i>Verticillium dahliae</i> biocontrol by the olive root endophyte <i>Pseudomonas fluorescens</i> PICF7. <i>Frontiers in Microbiology</i> , 2015, 06, 266.	3.5	55
22	Control of Seed Germination and Plant Development by Carbon and Nitrogen Availability. <i>Frontiers in Plant Science</i> , 2015, 6, 1023.	3.6	52
23	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
24	Effect of 7H^{ch} <i>Hordeum chilense</i> Chromosome Introgressions on the Wheat Endosperm Proteomic Profile. <i>Journal of Agricultural and Food Chemistry</i> , 2015, 63, 3793-3802.	5.2	0
25	Complete genome sequence of <i>Pseudomonas fluorescens</i> strain PICF7, an indigenous root endophyte from olive (<i>Olea europaea</i> L.) and effective biocontrol agent against <i>Verticillium dahliae</i> . <i>Standards in Genomic Sciences</i> , 2015, 10, 10.	1.5	60
26	Endophytic colonization and biocontrol performance of <scp><i>P</i></scp><i>seudomonas fluorescens</i></i>â€¦<scp>PICF</scp>7 in olive (<scp><i>O</i></scp><i>lea europaea</i> L.) are determined neither by pyoverdine production nor swimming motility. <i>Environmental Microbiology</i> , 2015, 17, 3139-3153.	3.8	51
27	Novel Bread Wheat Lines Enriched in Carotenoids Carrying <i>Hordeum chilense</i> Chromosome Arms in the ph1b Background. <i>PLoS ONE</i> , 2015, 10, e0134598.	2.5	23
28	Unravelling the proteomic profile of rice meiocytes during early meiosis. <i>Frontiers in Plant Science</i> , 2014, 5, 356.	3.6	26
29	The subtelomeric region is important for chromosome recognition and pairing during meiosis. <i>Scientific Reports</i> , 2014, 4, 6488.	3.3	39
30	Dynamics of DNA Replication during Premeiosis and Early Meiosis in Wheat. <i>PLoS ONE</i> , 2014, 9, e107714.	2.5	3
31	From the root to the stem: interaction between the biocontrol root endophyte <i><scp>P</scp><i>seudomonas fluorescens</i></i>â€¦<scp>PICF</scp>7 and the pathogen <i><scp>P</scp><i>seudomonas savastanoi</i></i>â€¦<scp>NCPPB</scp> 3335 in olive knots. <i>Microbial Biotechnology</i> , 2013, 6, 275-287.	4.2	31
32	Mammalian cell entry genes in <i>Streptomyces</i> may provide clues to the evolution of bacterial virulence. <i>Scientific Reports</i> , 2013, 3, 1109.	3.3	27
33	Molecular characterization of TaSTOP1 homoeologues and their response to aluminium and proton (H ⁺) toxicity in bread wheat (<i>Triticum aestivum</i> L.). <i>BMC Plant Biology</i> , 2013, 13, 134.	3.6	61
34	Development of <i>Hordeum chilense</i> 4H^{ch} introgression lines in durum wheat: a tool for breeders and complex trait analysis. <i>Plant Breeding</i> , 2012, 131, 733-738.	1.9	20
35	Bacterial endophytes and root hairs. <i>Plant and Soil</i> , 2012, 361, 301-306.	3.7	54
36	Olive â€œ Colletotrichum acutatum: An Example of Fruit-Fungal Interaction. , 2012, , .		1

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37	Root Hairs Play a Key Role in the Endophytic Colonization of Olive Roots by <i>Pseudomonas</i> spp. with Biocontrol Activity. <i>Microbial Ecology</i> , 2011, 62, 435-445.	2.8	142
38	Colonization process of olive tissues by <i>Verticillium dahliae</i> and its interaction with the biocontrol root endophyte <i>Pseudomonas fluorescens</i> PICF7. <i>Microbial Biotechnology</i> , 2009, 2, 499-511.	4.2	127
39	Development of <i>Colletotrichum acutatum</i> on Tolerant and Susceptible <i>Olea europaea</i> L. cultivars: A Microscopic Analysis. <i>Mycopathologia</i> , 2009, 168, 203-211.	3.1	32
40	Endophytic colonization of olive roots by the biocontrol strain <i>Pseudomonas fluorescens</i> PICF7. <i>FEMS Microbiology Ecology</i> , 2008, 64, 297-306.	2.7	56
41	Effective chromosome pairing requires chromatin remodeling at the onset of meiosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 6075-6080.	7.1	97
42	Fluorescence in situ hybridization on vibratome sections of plant tissues. <i>Nature Protocols</i> , 2007, 2, 1831-1838.	12.0	42
43	Development and cytogenetic characterisation of a double goat grass-barley chromosome substitution in tritordeum. <i>Euphytica</i> , 2006, 147, 337-342.	1.2	7
44	Control of conformation changes associated with homologue recognition during meiosis. <i>Theoretical and Applied Genetics</i> , 2005, 111, 505-510.	3.6	37
45	Homologue recognition during meiosis is associated with a change in chromatin conformation. <i>Nature Cell Biology</i> , 2004, 6, 906-908.	10.3	135
46	Chromosomal distribution of telomeric and telomeric-associated sequences in <i>Hordeum chilense</i> by in situ hybridization. <i>Hereditas</i> , 2004, 141, 122-127.	1.4	30
47	Chromosomes associate premeiotically and in xylem vessel cells via their telomeres and centromeres in diploid rice (<i>Oryza sativa</i>). <i>Chromosoma</i> , 2004, 112, 300-307.	2.2	71
48	A core genetic map of <i>Hordeum chilense</i> and comparisons with maps of barley (<i>Hordeum vulgare</i>) and wheat (<i>Triticum aestivum</i>). <i>Theoretical and Applied Genetics</i> , 2001, 102, 1259-1264.	3.6	63
49	Identification of Intergenomic Translocations Involving Wheat, <i>Hordeum Vulgare</i> and <i>Hordeum Chilense</i> Chromosomes by FISH. <i>Hereditas</i> , 2001, 135, 171-174.	1.4	29
50	Spectrophotometric Quantitation of Antioxidant Capacity through the Formation of a Phosphomolybdenum Complex: Specific Application to the Determination of Vitamin E. <i>Analytical Biochemistry</i> , 1999, 269, 337-341.	2.4	3,789