Pilar Prieto

List of Publications by Year
in descending order

50 papers	5,559 citations	236612 25 h-index	214527 47 g-index
51 all docs	51 docs citations	51 times ranked	5791 citing authors

#	Article	IF	Citations
1	Genomic and Meiotic Changes Accompanying Polyploidization. Plants, 2022, 11, 125.	1.6	23
2	Homologous chromosome associations in domains before meiosis could facilitate chromosome recognition and pairing in wheat. Scientific Reports, 2022, 12, .	1.6	2
3	Wild and Cultivated Homoeologous Barley Chromosomes Can Associate and Recombine in Wheat in the Absence of the Ph1 Locus. Agronomy, 2021, 11, 147.	1.3	4
4	Assessing the Involvement of Selected Phenotypes of Pseudomonas simiae PICF7 in Olive Root Colonization and Biological Control of Verticillium dahliae. Plants, 2021, 10, 412.	1.6	20
5	Telomeres and Subtelomeres Dynamics in the Context of Early Chromosome Interactions During Meiosis and Their Implications in Plant Breeding. Frontiers in Plant Science, 2021, 12, 672489.	1.7	17
6	Evaluation of Indigenous Olive Biocontrol Rhizobacteria as Protectants against Drought and Salt Stress. Microorganisms, 2021, 9, 1209.	1.6	8
7	Endophytes from African Rice (Oryza glaberrima L.) Efficiently Colonize Asian Rice (Oryza sativa L.) Stimulating the Activity of Its Antioxidant Enzymes and Increasing the Content of Nitrogen, Carbon, and Chlorophyll. Microorganisms, 2021, 9, 1714.	1.6	8
8	Analysis of Chromosome Associations during Early Meiosis in Wheat Lines Carrying Chromosome Introgressions from Agropyron cristatum. Plants, 2021, 10, 2292.	1.6	0
9	Sequence analysis of wheat subtelomeres reveals a high polymorphism among homoeologous chromosomes. Plant Genome, 2020, 13, e20065.	1.6	15
10	Chromosome Manipulation for Plant Breeding Purposes. Agronomy, 2020, 10, 1695.	1.3	3
11	Identification and validation of reference genes for RT-qPCR normalization in wheat meiosis. Scientific Reports, 2020, 10, 2726.	1.6	23
12	Analytical Methodology of Meiosis in Autopolyploid and Allopolyploid Plants. Methods in Molecular Biology, 2020, 2061, 141-168.	0.4	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. Environmental Microbiology, 2019, 21, 3489-3504.	1.8	47
14	Mycovirus Fusarium oxysporum f. sp. dianthi Virus 1 Decreases the Colonizing Efficiency of Its Fungal Host. Frontiers in Cellular and Infection Microbiology, 2019, 9, 51.	1.8	13
15	Characterization of two homeodomain transcription factors with critical but distinct roles in virulence in the vascular pathogen <i>Verticillium dahliae</i>. Molecular Plant Pathology, 2018, 19, 986-1004.	2.0	39
16	Homoeologous Chromosomes From Two Hordeum Species Can Recognize and Associate During Meiosis in Wheat in the Presence of the Ph1 Locus. Frontiers in Plant Science, 2018, 9, 585.	1.7	14
17	Detection of alien genetic introgressions in bread wheat using dot-blot genomic hybridisation. Molecular Breeding, 2017, 37, 32.	1.0	18
18	Pseudomonas fluorescensPICF7 displays an endophytic lifestyle in cultivated cereals and enhances yield in barley. FEMS Microbiology Ecology, 2016, 92, fiw092.	1.3	25

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19	Molecular diversity of bacterial endosymbionts associated with dagger nematodes of the genus Xiphinema (Nematoda: Longidoridae) reveals a high degree of phylogenetic congruence with their host. Molecular Ecology, 2016, 25, 6225-6247.	2.0	23
20	Fate of Trichoderma harzianum in the olive rhizosphere: time course of the root colonization process and interaction with the fungal pathogen Verticillium dahliae. BioControl, 2016, 61, 269-282.	0.9	56
21	Arabidopsis thaliana as a tool to identify traits involved in Verticillium dahliae biocontrol by the olive root endophyte Pseudomonas fluorescens PICF7. Frontiers in Microbiology, 2015, 06, 266.	1.5	55
22	Control of Seed Germination and Plant Development by Carbon and Nitrogen Availability. Frontiers in Plant Science, 2015, 6, 1023.	1.7	52
23	The use of the ph1b mutant to induce recombination between the chromosomes of wheat and barley. Frontiers in Plant Science, 2015, 6, 160.	1.7	36
24	Effect of 7H^{ch} <i>Hordeum chilense</i> Chromosome Introgressions on the Wheat Endosperm Proteomic Profile. Journal of Agricultural and Food Chemistry, 2015, 63, 3793-3802.	2.4	0
25	Complete genome sequence of Pseudomonas fluorescens strain PICF7, an indigenous root endophyte from olive (Olea europaea L.) and effective biocontrol agent against Verticillium dahliae. Standards in Genomic Sciences, 2015, 10, 10.	1.5	60
26	Endophytic colonization and biocontrol performance of <scp><i>P</i></scp><i>seudomonas fluorescens</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. Environmental Microbiology, 2015, 17, 3139-3153.	1.8	51
27	Novel Bread Wheat Lines Enriched in Carotenoids Carrying Hordeum chilense Chromosome Arms in the ph1b Background. PLoS ONE, 2015, 10, e0134598.	1.1	23
28	Unravelling the proteomic profile of rice meiocytes during early meiosis. Frontiers in Plant Science, 2014, 5, 356.	1.7	26
29	The subtelomeric region is important for chromosome recognition and pairing during meiosis. Scientific Reports, 2014, 4, 6488.	1.6	39
30	Dynamics of DNA Replication during Premeiosis and Early Meiosis in Wheat. PLoS ONE, 2014, 9, e107714.	1.1	3
31	From the root to the stem: interaction between the biocontrol root endophyte <i><scp>P</scp>seudomonas fluorescens</i>â€...<scp>PICF</scp>7 and the pathogen <i><scp>P</scp>seudomonas savastanoi</i>â€...<scp>NCPPB</scp> 3335 in olive knots. Microbial Biotechnology, 2013, 6, 275-287.	2.0	31
32	Mammalian cell entry genes in Streptomyces may provide clues to the evolution of bacterial virulence. Scientific Reports, 2013, 3, 1109.	1.6	27
33	Molecular characterization of TaSTOP1 homoeologues and their response to aluminium and proton (H+) toxicity in bread wheat (Triticum aestivum L.). BMC Plant Biology, 2013, 13, 134.	1.6	61
34	Development of <i>Hordeum chilense</i> 4H^{ch} introgression lines in durum wheat: a tool for breeders and complex trait analysis. Plant Breeding, 2012, 131, 733-738.	1.0	20
35	Bacterial endophytes and root hairs. Plant and Soil, 2012, 361, 301-306.	1.8	54
36	Olive â€" 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 Pseudomonas spp. with Biocontrol Activity. Microbial Ecology, 2011, 62, 435-445.	1.4	142
38	Colonization process of olive tissues by <i>Verticillium dahliae</i> and its <i>in planta</i> interaction with the biocontrol root endophyte <i>Pseudomonas fluorescens</i> PICF7. Microbial Biotechnology, 2009, 2, 499-511.	2.0	127
39	Development of Colletotrichum acutatum on Tolerant and Susceptible Olea europaea L. cultivars: A Microscopic Analysis. Mycopathologia, 2009, 168, 203-211.	1.3	32
40	Endophytic colonization of olive roots by the biocontrol strain Pseudomonas fluorescens PICF7. FEMS Microbiology Ecology, 2008, 64, 297-306.	1.3	56
41	Effective chromosome pairing requires chromatin remodeling at the onset of meiosis. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 6075-6080.	3.3	97
42	Fluorescence in situ hybridization on vibratome sections of plant tissues. Nature Protocols, 2007, 2, 1831-1838.	5.5	42
43	Development and cytogenetic characterisation of a double goat grass-barley chromosome substitution in tritordeum. Euphytica, 2006, 147, 337-342.	0.6	7
44	Control of conformation changes associated with homologue recognition during meiosis. Theoretical and Applied Genetics, 2005, 111, 505-510.	1.8	37
45	Homologue recognition during meiosis is associated with a change in chromatin conformation. Nature Cell Biology, 2004, 6, 906-908.	4.6	135
46	Identification of Intergenomic Translocations Involving Wheat, Hordeum Vulgare and Hordeum Chilense Chromosomes by FISH. Hereditas, 2004, 135, 171-174.	0.5	29
47	Chromosomal distribution of telomeric and telomeric-associated sequences in Hordeum chilense by in situ hybridization. Hereditas, 2004, 141, 122-127.	0.5	30
48	Chromosomes associate premeiotically and in xylem vessel cells via their telomeres and centromeres in diploid rice (Oryza sativa). Chromosoma, 2004, 112, 300-307.	1.0	71
49	A core genetic map of Hordeum chilense and comparisons with maps of barley (Hordeum vulgare) and wheat (Triticum aestivum). Theoretical and Applied Genetics, 2001, 102, 1259-1264.	1.8	63
50	Spectrophotometric Quantitation of Antioxidant Capacity through the Formation of a Phosphomolybdenum Complex: Specific Application to the Determination of Vitamin E. Analytical Biochemistry, 1999, 269, 337-341.	1.1	3,789