Cristina Silvar

List of Publications by Year
in descending order

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Version: 2024-02-01

33 papers	2,251 citations	430874 18 h-index	395702 33 g-index
33 all docs	33 docs citations	33 times ranked	2881 citing authors

#	Article	IF	Citations
1	Genome sequence and analysis of the Irish potato famine pathogen Phytophthora infestans. Nature, 2009, 461, 393-398.	27.8	1,405
2	Diversity of Phytophthora capsici in Northwest Spain: Analysis of Virulence, Metalaxyl Response, and Molecular Characterization. Plant Disease, 2006, 90, 1135-1142.	1.4	76
3	Development of specific PCR primers for identification and detection of Phytophthora capsici Leon. European Journal of Plant Pathology, 2005, 112, 43-52.	1.7	67
4	Real-Time Polymerase Chain Reaction Quantification of Phytophthora capsici in Different Pepper Genotypes. Phytopathology, 2005, 95, 1423-1429.	2.2	64
5	Screening the Spanish Barley Core Collection for disease resistance. Plant Breeding, 2010, 129, 45-52.	1.9	51
6	Differential activation of defense-related genes in susceptible and resistant pepper cultivars infected with Phytophthora capsici. Journal of Plant Physiology, 2008, 165, 1120-1124.	3.5	49
7	Cross-protection of pepper plants stressed by copper against a vascular pathogen is accompanied by the induction of a defence response. Plant Science, 2010, 178, 176-182.	3.6	48
8	New Insights into Capsicum spp Relatedness and the Diversification Process of Capsicum annuum in Spain. PLoS ONE, 2014, 9, e116276.	2.5	44
9	Deciphering the role of the phenylpropanoid metabolism in the tolerance of Capsicum annuum L. to Verticillium dahliae Kleb.. Plant Science, 2017, 258, 12-20.	3.6	34
10	Resistance in pepper plants induced by Fusarium oxysporum f. sp. lycopersici involves different defenceâ€related genes. Plant Biology, 2009, 11, 68-74.	3.8	33
11	Assessing genetic and phenotypic diversity in pepper (Capsicum annuum L.) landraces from North-West Spain. Scientia Horticulturae, 2016, 203, 1-11.	3.6	33
12	Fusarium confers protection against several mycelial pathogens of pepper plants. Plant Pathology, 2005, 54, 773-780.	2.4	32
13	Fine mapping of the Rrs1 resistance locus against scald in two large populations derived from Spanish barley landraces. Theoretical and Applied Genetics, 2013, 126, 3091-3102.	3.6	30
14	Fine mapping and comparative genomics integration of two quantitative trait loci controlling resistance to powdery mildew in a Spanish barley landrace. Theoretical and Applied Genetics, 2012, 124, 49-62.	3.6	25
15	Quantitative Trait Loci and Candidate Loci for Heading Date in a Large Population of a Wide Barley Cross. Crop Science, 2012, 52, 2469-2480.	1.8	24
16	Development of a costâ€effective pyrosequencing approach for SNP genotyping in barley. Plant Breeding, 2011, 130, 394-397.	1.9	22
17	Identification of quantitative trait loci for resistance to powdery mildew in a Spanish barley landrace. Molecular Breeding, 2010, 25, 581-592.	2.1	20
18	Resistance to powdery mildew in Spanish barley landraces is controlled by different sets of quantitative trait loci. Theoretical and Applied Genetics, 2011, 123, 1019-1028.	3.6	19

#	Article	IF	Citations
19	Assessing the genetic diversity in onion (Allium cepaL.) landraces from northwest Spain and comparison with the European variability. New Zealand Journal of Crop and Horticultural Science, 2016, 44, 103-120.	1.3	19
20	A versatile fluorescence-based multiplexing assay for CAPS genotyping on capillary electrophoresis systems. Molecular Breeding, 2013, 32, 61-69.	2.1	18
21	Screening old peppers (Capsicum spp.) for disease resistance and pungency-related traits. Scientia Horticulturae, 2017, 218, 249-257.	3.6	15
22	Analysis of powdery mildew resistance in the Spanish barley core collection. Plant Breeding, 2011, 130, 195-202.	1.9	14
23	Towards Positional Isolation of Three Quantitative Trait Loci Conferring Resistance to Powdery Mildew in Two Spanish Barley Landraces. PLoS ONE, 2013, 8, e67336.	2.5	14
24	A Cluster of Nucleotideâ€Binding Siteâ€“Leucineâ€Rich Repeat Genes Resides in a Barley Powdery Mildew Resistance Quantitative Trait Loci on 7HL. Plant Genome, 2016, 9, plantgenome2015.10.0101.	2.8	13
25	Deciphering Genetic Diversity in the Origins of Pepper (Capsicum spp.) and Comparison with Worldwide Variability. Crop Science, 2016, 56, 3100-3111.	1.8	13
26	Exploring the Serbian GenBank barley (Hordeum vulgare L. subsp. vulgare) collection for powdery mildew resistance. Genetic Resources and Crop Evolution, 2016, 63, 275-287.	1.6	13
27	Resistance to powdery mildew in one Spanish barley landrace hardly resembles other previously identified wild barley resistances. European Journal of Plant Pathology, 2013, 136, 459-468.	1.7	12
28	Assessing the Barley Genome Zipper and Genomic Resources for Breeding Purposes. Plant Genome, 2015, 8, eplantgenome2015.06.0045.	2.8	10
29	Phytochemical Assessment of Native Ecuadorian Peppers (Capsicum spp.) and Correlation Analysis to Fruit Phenomics. Plants, 2020, 9, 986.	3.5	9
30	Genetic diversity and population structure in onion (Allium cepa L.) accessions based on morphological and molecular approaches. Physiology and Molecular Biology of Plants, 2021, 27, 2517-2532.	3.1	9
31	Exploring genetic diversity and quality traits in a collection of onion (Allium cepa L) landraces from north-west Spain. Genetika, 2015, 47, 885-900.	0.4	7
32	Correlation Analysis of High-Throughput Fruit Phenomics and Biochemical Profiles in Native Peppers (Capsicum spp.) from the Primary Center of Diversification. Agronomy, 2021, 11, 262.	3.0	5
33	Diallel analysis of the morphoagronomic, phytochemical, and antioxidant traits in Capsicum baccatum var. pendulum. Horticulture Environment and Biotechnology, 2021, 62, 435-446.	2.1	4