

Marian Moralejo

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35
papers

954
citations

19
h-index

30
g-index

37
ext. papers

1,085
ext. citations

4.2
avg, IF

3.42
L-index

#	Paper	IF	Citations
35	Biosafety and risk assessment framework for selectable marker genes in transgenic crop plants: a case of the science not supporting the politics. <i>Transgenic Research</i> , 2007 , 16, 261-80	3.3	106
34	Yield formation strategies of durum wheat landraces with distinct pattern of dispersal within the Mediterranean basin I: Yield components. <i>Field Crops Research</i> , 2006 , 95, 194-205	5.5	66
33	Chloroplast DNA microsatellite analysis supports a polyphyletic origin for barley. <i>Theoretical and Applied Genetics</i> , 2005 , 110, 613-9	6	63
32	Patterns of genetic and eco-geographical diversity in Spanish barleys. <i>Theoretical and Applied Genetics</i> , 2008 , 116, 271-82	6	53
31	Genetic Diversity of Glutenin Protein Subunits Composition in Durum Wheat Landraces [Triticum turgidum ssp. turgidum Convar. durum (Desf.) MacKey] from the Mediterranean Basin. <i>Genetic Resources and Crop Evolution</i> , 2006 , 53, 993-1002	2	50
30	Heading date QTL in a spring × winter barley cross evaluated in Mediterranean environments. <i>Molecular Breeding</i> , 2008 , 21, 455-471	3.4	47
29	Dormancy, ABA content and sensitivity of a barley mutant to ABA application during seed development and after ripening. <i>Journal of Experimental Botany</i> , 2001 , 52, 1499-506	7	44
28	Gene and QTL detection in a three-way barley cross under selection by a mixed model with kinship information using SNPs. <i>Theoretical and Applied Genetics</i> , 2011 , 122, 1605-16	6	42
27	Further evidence supporting Morocco as a centre of origin of barley. <i>Theoretical and Applied Genetics</i> , 1999 , 98, 913-918	6	42
26	Dispersal of durum wheat [Triticum turgidum L. ssp. turgidum convar. durum (Desf.) MacKey] landraces across the Mediterranean basin assessed by AFLPs and microsatellites. <i>Genetic Resources and Crop Evolution</i> , 2007 , 54, 1133-1144	2	41
25	QTL analysis of a cross between European and North American malting barleys reveals a putative candidate gene for β-glucan content on chromosome 1H. <i>Molecular Breeding</i> , 2007 , 19, 275-284	3.4	36
24	Yield formation strategies of durum wheat landraces with distinct pattern of dispersal within the Mediterranean basin. <i>Field Crops Research</i> , 2006 , 95, 182-193	5.5	33
23	Quantitative trait loci for agronomic traits in an elite barley population for Mediterranean conditions. <i>Molecular Breeding</i> , 2014 , 33, 249-265	3.4	32
22	Relationships Between Barley Hordeins and Malting Quality in a Mutant of cv. Triumph. II. Genetic and Environmental Effects on Water Uptake. <i>Journal of Cereal Science</i> , 2002 , 36, 39-50	3.8	31
21	Spanish barley landraces outperform modern cultivars at low-productivity sites. <i>Plant Breeding</i> , 2014 , 133, 218-226	2.4	30
20	Use of new EST markers to elucidate the genetic differences in grain protein content between European and North American two-rowed malting barleys. <i>Theoretical and Applied Genetics</i> , 2004 , 110, 116-25	6	30
19	Generation of transgenic Eucalyptus globulus plantlets through Agrobacterium tumefaciens mediated transformation. <i>Functional Plant Biology</i> , 1998 , 25, 207	2.7	26

18	A mutant induced in the malting barley cv Triumph with reduced dormancy and ABA response. <i>Theoretical and Applied Genetics</i> , 1999 , 98, 347-355	6	24
17	Barley β glucan accelerates wound healing by favoring migration versus proliferation of human dermal fibroblasts. <i>Carbohydrate Polymers</i> , 2019 , 210, 389-398	10.3	21
16	On the origin of Spanish two-rowed barleys. <i>Theoretical and Applied Genetics</i> , 1994 , 87, 829-36	6	18
15	Response of last instar <i>Helicoverpa armigera</i> larvae to Bt toxin ingestion: changes in the development and in the CYP6AE14, CYP6B2 and CYP9A12 gene expression. <i>PLoS ONE</i> , 2014 , 9, e99229	3.7	16
14	A model of the genetic differences in malting quality between European and North American barley cultivars based on a QTL study of the cross Triumph \times Morex. <i>Plant Breeding</i> , 2009 , 129, 280-290	2.4	14
13	Genetic variants of the trypsin inhibitor from barley endosperm show different inhibitory activities. <i>Plant Science</i> , 1993 , 89, 23-29	5.3	14
12	Whole-genome analysis with SNPs from BOPA1 shows clearly defined groupings of Western Mediterranean, Ethiopian, and Fertile Crescent barleys. <i>Genetic Resources and Crop Evolution</i> , 2013 , 60, 251-264	2	13
11	Progress in the Spanish National Barley Breeding Program. <i>Spanish Journal of Agricultural Research</i> , 2012 , 10, 741	1.1	12
10	Spanish spelt: a separate gene pool within the spelt germplasm. <i>Plant Breeding</i> , 2004 , 123, 297-299	2.4	10
9	Photosynthesis-dependent/independent control of stomatal responses to CO ₂ in mutant barley with surplus electron transport capacity and reduced SLAH3 anion channel transcript. <i>Plant Science</i> , 2015 , 239, 15-25	5.3	8
8	Purple, high β glucan, hullless barley as valuable ingredient for functional food. <i>LWT - Food Science and Technology</i> , 2020 , 131, 109582	5.4	8
7	Barley Tetrameric Inhibitor of Insect α mylases. Characterization of an Allelic Variant of the BTAI-CMb Subunit. <i>Journal of Cereal Science</i> , 1993 , 17, 107-113	3.8	7
6	Resequencing the Vrs1 gene in Spanish barley landraces revealed reversion of six-rowed to two-rowed spike. <i>Molecular Breeding</i> , 2018 , 38, 1	3.4	5
5	Selection footprints in barley breeding lines detected by combining genotyping-by-sequencing with reference genome information. <i>Molecular Breeding</i> , 2015 , 35, 1	3.4	4
4	Germination and Malting Properties of Mutants Derived from Malting Barley cv. Triumph. <i>Cereal Chemistry</i> , 2002 , 79, 392-396	2.4	3
3	Candidate genes underlying QTL for flowering time and their interactions in a wide spring barley (<i>Hordeum vulgare</i> L.) cross. <i>Crop Journal</i> , 2021 , 9, 862-872	4.6	2
2	Post-anthesis thermal stress induces differential accumulation of bioactive compounds in field-grown barley. <i>Journal of the Science of Food and Agriculture</i> , 2021 , 101, 6496-6504	4.3	1
1	How do caterpillars cope with xenobiotics? The case of <i>Mythimna unipuncta</i> , a species with low susceptibility to Bt. <i>Annals of Applied Biology</i> , 2017 , 171, 364-375	2.6	

