Maria Pilar Valles

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Bread Wheat Doubled Haploid Production by Anther Culture. Methods in Molecular Biology, 2021, 2287, 227-244.	0.9	4
2	Chromatin dynamics during interphase and cell division: similarities and differences between model and crop plants. Journal of Experimental Botany, 2020, 71, 5205-5222.	4.8	32
3	Trichostatin A Affects Developmental Reprogramming of Bread Wheat Microspores towards an Embryogenic Route. Plants, 2020, 9, 1442.	3.5	15
4	Doubled haploid production from Spanish onion (Allium cepa L.) germplasm: embryogenesis induction, plant regeneration and chromosome doubling. Frontiers in Plant Science, 2015, 6, 384.	3.6	33
5	Effect of ovary induction on bread wheat anther culture: ovary genotype and developmental stage, and candidate gene association. Frontiers in Plant Science, 2015, 6, 402.	3.6	25
6	Effects of n-butanol on barley microspore embryogenesis. Plant Cell, Tissue and Organ Culture, 2014, 117, 411-418.	2.3	13
7	Changes in gene expression patterns associated with microspore embryogenesis in hexaploid triticale (Ă—Triticosecale Wittm.). Plant Cell, Tissue and Organ Culture, 2014, 116, 261-267.	2.3	22
8	Microspore embryogenesis in wheat: new marker genes for early, middle and late stages of embryo development. Plant Reproduction, 2013, 26, 287-296.	2.2	29
9	An Improved Consensus Linkage Map of Barley Based on Flow-Sorted Chromosomes and Single Nucleotide Polymorphism Markers. Plant Genome, 2011, 4, 238-249.	2.8	150
10	Analysis of Diversity in Chinese Cultivated Barley with Simple Sequence Repeats: Differences Between Eco-Geographic Populations. Biochemical Genetics, 2010, 48, 44-56.	1.7	11
11	Microspore embryogenesis: assignment of genes to embryo formation and green vs. albino plant production. Functional and Integrative Genomics, 2009, 9, 311-323.	3.5	37
12	Chromosome Doubling in Monocots. , 2009, , 329-338.		30
13	Expression Profiles in Barley Microspore Embryogenesis. , 2009, , 127-134.		6
14	Identification and validation of QTLs for green plant percentage in barley (Hordeum vulgare L.) anther culture. Molecular Breeding, 2008, 22, 119-129.	2.1	31
15	Zinc sulphate improved microspore embryogenesis in barley. Plant Cell, Tissue and Organ Culture, 2008, 93, 295-301.	2.3	19
16	Effects of colchicine on anther and microspore culture of bread wheat (Triticum aestivum L.). Plant Cell, Tissue and Organ Culture, 2007, 91, 225-234.	2.3	52
17	Genetic markers for doubled haploid response in barley. Euphytica, 2007, 158, 287-294.	1.2	33
18	Transcriptome analysis of barley anthers: effect of mannitol treatment on microspore embryogenesis. Physiologia Plantarum, 2006, 127, 551-560.	5.2	37

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19	Influence of Fe concentration in the medium on multicellular pollen grains and haploid plants induced by mannitol pretreatment in barley (Hordeum vulgare L.). Protoplasma, 2006, 228, 101-106.	2.1	2
20	Production of doubled haploids in durum wheat (Triticum turgidum L.) through isolated microspore culture. Plant Cell Reports, 2006, 25, 257-264.	5.6	64
21	Segregation distortion for agronomic traits in doubled haploid lines of barley. Plant Breeding, 2005, 124, 546-550.	1.9	10
22	Cytological and ultrastructural changes induced in anther and isolated-microspore cultures in barley: Fe deposits in isolated-microspore cultures. Journal of Structural Biology, 2005, 149, 170-181.	2.8	19
23	Efficient production of androgenic doubled-haploid mutants in barley by the application of sodium azide to anther and microspore cultures. Plant Cell Reports, 2001, 20, 105-111.	5.6	50
24	Low responsiveness of six-rowed genotypes to androgenesis in barley does not have a pleiotropic basis. Genome, 2001, 44, 936-940.	2.0	4
25	Title is missing!. Euphytica, 2000, 113, 1-8.	1.2	54
26	Desiccated doubled-haploid embryos obtained from microspore culture of barley cv. Igri. Plant Cell Reports, 1999, 18, 924-928.	5.6	7
27	Genetic diversity of barley cultivars grown in Spain, estimated by RFLP, similarity and coancestry coefficients. Plant Breeding, 1998, 117, 429-435.	1.9	20
28	Asymmetric somatic hybridization between tall fescue (Festuca arundinacea Schreb.) and irradiated Italian ryegrass (Lolium multiflorum Lam.) protoplasts. Theoretical and Applied Genetics, 1994, 88, 509-519.	3.6	36
29	Fertile plant regeneration from protoplasts of meadow fescue (Festuca pratensis Huds.). Plant Cell Reports, 1993, 12, 95-100.	5.6	38
30	Nuclease sensitivity of a maize HRGP gene in chromatin and in naked DNA. Plant Science, 1991, 78, 225-230.	3.6	7
31	Expression of genes for cell-wall proteins in dividing and wounded tissues ofZea mays L Planta, 1990, 180, 524-529.	3.2	67
32	Expression of a Maize Cell Wall Hydroxyproline-Rich Glycoprotein Gene in Early Leaf and Root Vascular Differentiation. Plant Cell, 1990, 2, 785.	6.6	21