

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. <i>Methods in Molecular Biology</i> , 2021, 2287, 227-244.	0.9	4
2	Chromatin dynamics during interphase and cell division: similarities and differences between model and crop plants. <i>Journal of Experimental Botany</i> , 2020, 71, 5205-5222.	4.8	32
3	Trichostatin A Affects Developmental Reprogramming of Bread Wheat Microspores towards an Embryogenic Route. <i>Plants</i> , 2020, 9, 1442.	3.5	15
4	Doubled haploid production from Spanish onion (<i>Allium cepa</i> L.) germplasm: embryogenesis induction, plant regeneration and chromosome doubling. <i>Frontiers in Plant Science</i> , 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. <i>Frontiers in Plant Science</i> , 2015, 6, 402.	3.6	25
6	Effects of n-butanol on barley microspore embryogenesis. <i>Plant Cell, Tissue and Organ Culture</i> , 2014, 117, 411-418.	2.3	13
7	Changes in gene expression patterns associated with microspore embryogenesis in hexaploid triticale (<i>Å-Triticosecale</i> Wittm.). <i>Plant Cell, Tissue and Organ Culture</i> , 2014, 116, 261-267.	2.3	22
8	Microspore embryogenesis in wheat: new marker genes for early, middle and late stages of embryo development. <i>Plant Reproduction</i> , 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. <i>Plant Genome</i> , 2011, 4, 238-249.	2.8	150
10	Analysis of Diversity in Chinese Cultivated Barley with Simple Sequence Repeats: Differences Between Eco-Geographic Populations. <i>Biochemical Genetics</i> , 2010, 48, 44-56.	1.7	11
11	Microspore embryogenesis: assignment of genes to embryo formation and green vs. albino plant production. <i>Functional and Integrative Genomics</i> , 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 (<i>Hordeum vulgare</i> L.) anther culture. <i>Molecular Breeding</i> , 2008, 22, 119-129.	2.1	31
15	Zinc sulphate improved microspore embryogenesis in barley. <i>Plant Cell, Tissue and Organ Culture</i> , 2008, 93, 295-301.	2.3	19
16	Effects of colchicine on anther and microspore culture of bread wheat (<i>Triticum aestivum</i> L.). <i>Plant Cell, Tissue and Organ Culture</i> , 2007, 91, 225-234.	2.3	52
17	Genetic markers for doubled haploid response in barley. <i>Euphytica</i> , 2007, 158, 287-294.	1.2	33
18	Transcriptome analysis of barley anthers: effect of mannitol treatment on microspore embryogenesis. <i>Physiologia Plantarum</i> , 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 (<i>Hordeum vulgare</i> L.). <i>Protoplasma</i> , 2006, 228, 101-106.	2.1	2
20	Production of doubled haploids in durum wheat (<i>Triticum turgidum</i> L.) through isolated microspore culture. <i>Plant Cell Reports</i> , 2006, 25, 257-264.	5.6	64
21	Segregation distortion for agronomic traits in doubled haploid lines of barley. <i>Plant Breeding</i> , 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. <i>Journal of Structural Biology</i> , 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. <i>Plant Cell Reports</i> , 2001, 20, 105-111.	5.6	50
24	Low responsiveness of six-rowed genotypes to androgenesis in barley does not have a pleiotropic basis. <i>Genome</i> , 2001, 44, 936-940.	2.0	4
25	Title is missing!. <i>Euphytica</i> , 2000, 113, 1-8.	1.2	54
26	Desiccated doubled-haploid embryos obtained from microspore culture of barley cv. Igri. <i>Plant Cell Reports</i> , 1999, 18, 924-928.	5.6	7
27	Genetic diversity of barley cultivars grown in Spain, estimated by RFLP, similarity and coancestry coefficients. <i>Plant Breeding</i> , 1998, 117, 429-435.	1.9	20
28	Asymmetric somatic hybridization between tall fescue (<i>Festuca arundinacea</i> Schreb.) and irradiated Italian ryegrass (<i>Lolium multiflorum</i> Lam.) protoplasts. <i>Theoretical and Applied Genetics</i> , 1994, 88, 509-519.	3.6	36
29	Fertile plant regeneration from protoplasts of meadow fescue (<i>Festuca pratensis</i> Huds.). <i>Plant Cell Reports</i> , 1993, 12, 95-100.	5.6	38
30	Nuclease sensitivity of a maize HRGP gene in chromatin and in naked DNA. <i>Plant Science</i> , 1991, 78, 225-230.	3.6	7
31	Expression of genes for cell-wall proteins in dividing and wounded tissues of <i>Zea mays</i> L.. <i>Planta</i> , 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. <i>Plant Cell</i> , 1990, 2, 785.	6.6	21