

Juan M Gonzalez

List of Publications by Year in descending order

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35
papers

492
citations

759233

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36
docs citations

36
times ranked

488
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#	ARTICLE	IF	CITATIONS
1	The use of double fluorescence in situ hybridization to physically map the positions of 5S rDNA genes in relation to the chromosomal location of 18S and 26S rDNA and a C genome specific DNA sequence in the genus <i>Avena</i> . <i>Genome</i> , 1996, 39, 535-542.	2.0	111
2	Mapping of QTLs for androgenetic response based on a molecular genetic map of <i>Triticosecale</i> Wittmack. <i>Genome</i> , 2005, 48, 999-1009.	2.0	46
3	Random amplified polymorphic DNA analysis in <i>Hordeum</i> species. <i>Genome</i> , 1993, 36, 1029-1031.	2.0	44
4	Influence of genotype and culture medium on callus formation and plant regeneration from immature embryos of <i>Triticum turgidum</i> Desf. Cultivars. <i>Plant Breeding</i> , 2001, 120, 513-517.	1.9	30
5	Phenotypic variation in root architecture traits and their relationship with eco-geographical and agronomic features in a core collection of tetraploid wheat landraces (<i>Triticum turgidum</i> L.). <i>Euphytica</i> , 2018, 214, 1.	1.2	25
6	Identification of C-banded chromosomes in meiosis of common wheat, <i>Triticum aestivum</i> L.. <i>Theoretical and Applied Genetics</i> , 1984, 67, 257-261.	3.6	22
7	Microspore development during in vitro androgenesis in triticale. <i>Biologia Plantarum</i> , 2005, 49, 23-28.	1.9	18
8	Improvement of Anther Culture Media for Haploid Production in Triticale. <i>Cereal Research Communications</i> , 2000, 28, 65-72.	1.6	18
9	Prolamin storage proteins and allopolyploidy in wild populations of the small grass <i>Brachypodium distachyon</i> (L.) P. Beauv.. <i>Plant Systematics and Evolution</i> , 2011, 297, 99-111.	0.9	17
10	The meiotic pairing of nine wheat chromosomes. <i>Theoretical and Applied Genetics</i> , 1984, 69, 193-198.	3.6	16
11	Genetic diversity of SSR and ISSR markers in wild populations of <i>Brachypodium distachyon</i> and its close relatives <i>B. stacei</i> and <i>B. hybridum</i> (Poaceae). <i>Plant Systematics and Evolution</i> , 2014, 300, 2029-2040.	0.9	16
12	Common Vetch, Valuable Germplasm for Resilient Agriculture: Genetic Characterization and Spanish Core Collection Development. <i>Frontiers in Plant Science</i> , 2021, 12, 617873.	3.6	14
13	Meiotic pairing of the amphiploid <i>Hordeum chilense</i> X <i>Triticum turgidum</i> conv. <i>durum</i> studied by means of Giemsa C-banding technique. <i>Theoretical and Applied Genetics</i> , 1985, 70, 85-91.	3.6	12
14	Efficient transient expression of the β -glucuronidase reporter gene in garlic (<i>Allium sativum</i> L.). <i>Agronomy for Sustainable Development</i> , 2000, 20, 869-874.	0.8	12
15	Gladin gene location and C-banding identification of <i>Aegilops longissima</i> chromosomes added to wheat. <i>Genome</i> , 1991, 34, 236-240.	2.0	9
16	Durum Wheat Seminal Root Traits within Modern and Landrace Germplasm in Algeria. <i>Agronomy</i> , 2020, 10, 713.	3.0	9
17	Metaphase-I analysis of a <i>Triticum aestivum</i> x <i>T. monococcum</i> hybrid by the C-banding technique. <i>Euphytica</i> , 1993, 68, 187-192.	1.2	8
18	The genetic diversity associated with seed proteins in a collection of Spanish underground vetches (<i>Vicia sativa</i> L. subsp. <i>amphicarpa</i> (Dorthe) Asch. et Graebn.). <i>Genetic Resources and Crop Evolution</i> , 2010, 57, 565-573.	1.6	8

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19	Tyramide Signal Amplification: Fluorescence In Situ Hybridization for Identifying Homoeologous Chromosomes. <i>Methods in Molecular Biology</i> , 2016, 1429, 35-48.	0.9	8
20	The detection, cloning, and characterisation of WIS 2-1A retrotransposon-like sequences in <i>Triticum aestivum</i> L. and <i>Triticosecale</i> Wittmack and an examination of their evolution in related Triticeae. <i>Genome</i> , 2001, 44, 979-989.	2.0	7
21	Biolistic Transfer of the Gene uidA and Its Expression in Haploid Embryo-like Structures of Triticale (<i>Triticosecale</i> Wittmack). <i>Plant Cell, Tissue and Organ Culture</i> , 2004, 77, 203-209.	2.3	6
22	Callus induction and plant regeneration from immature embryos of <i>Brachypodium distachyon</i> with different chromosome numbers. <i>Biologia Plantarum</i> , 2011, 55, .	1.9	6
23	Root Trait Diversity in Field Grown Durum Wheat and Comparison with Seedlings. <i>Agronomy</i> , 2021, 11, 2545.	3.0	6
24	Prolamin Analysis of Progenies from Androgenetic Plants of Triticale. <i>Plant Breeding</i> , 1993, 111, 42-48.	1.9	4
25	A comparative study of root system architecture in seedlings of <i>Brachypodium</i> spp. using three plant growth supports. <i>Cereal Research Communications</i> , 2016, 44, 69-78.	1.6	4
26	Partial asynapsis involving specific chromosomes in intervarietal hybrids of <i>Triticum aestivum</i> L.. <i>Euphytica</i> , 1986, 35, 529-537.	1.2	3
27	Chromosomal location by F1 monosomic analysis of endosperm proteins in bread wheat. <i>Theoretical and Applied Genetics</i> , 1988, 76, 933-940.	3.6	3
28	Cytogenetic evidence supports <i>Avena insularis</i> being closely related to hexaploid oats. <i>PLoS ONE</i> , 2021, 16, e0257100.	2.5	3
29	Genetic mapping between Gli-B1 locus and a telomeric C-heterochromatin band in wheat. <i>Theoretical and Applied Genetics</i> , 1990, 80, 791-794.	3.6	2
30	Study of Variability in Root System Architecture of Spanish <i>Triticum turgidum</i> L. Subspecies and Analysis of the Presence of a MITE Element Inserted in the TtDro1B Gene: Evolutionary Implications. <i>Agronomy</i> , 2021, 11, 2294.	3.0	2
31	PK-profiling method for identifying the expression of resistance-associated genes in partially resistant oats to crown rust. <i>BMC Plant Biology</i> , 2018, 18, 376.	3.6	1
32	Molecular Genetic Analysis of Drought Stress Response Traits in <i>Brachypodium</i> spp.. <i>Agronomy</i> , 2020, 10, 518.	3.0	1
33	Isolation and Molecular Characterisation of TtDro1A and TtDro1B Genes from <i>Triticum turgidum</i> Subspecies durum and turgidum, Study of Their Influences on Seedling Root Angles. <i>Plants</i> , 2022, 11, 821.	3.5	1
34	Analysis of cpSSR in triticale plants obtained by <i>in vitro</i> androgenesis. <i>Cereal Research Communications</i> , 2009, 37, 345-352.	1.6	0
35	Endosperm Proteins of Androgenic Double Haploid Lines of 6x-Triticale. <i>Developments in Plant Breeding</i> , 1996, , 383-389.	0.2	0