

Cesar Benito

List of Publications by Year in descending order

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79
papers

1,668
citations

304602

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h-index

330025

37
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81
all docs

81
docs citations

81
times ranked

1208
citing authors

#	ARTICLE	IF	CITATIONS
1	Repression of Mitochondrial Citrate Synthase Genes by Aluminum Stress in Roots of <i>Secale cereale</i> and <i>Brachypodium distachyon</i> . <i>Frontiers in Plant Science</i> , 2022, 13, 832981.	1.7	2
2	The rye transcription factor ScSTOP1 regulates the tolerance to aluminum by activating the ALMT1 transporter. <i>Plant Science</i> , 2021, 310, 110951.	1.7	10
3	Sulfate nutrition improves short-term Al ³⁺ -stress tolerance in roots of <i>Lolium perenne</i> L. <i>Plant Physiology and Biochemistry</i> , 2020, 148, 103-113.	2.8	7
4	Isolation and characterization of a new <i>MATE</i> gene located in the same chromosome arm of the aluminium tolerance (<i>Alt1</i>) rye locus. <i>Plant Biology</i> , 2020, 22, 691-700.	1.8	5
5	Biochemical, physiological and genetic analysis of aluminum tolerance of different rye species. <i>Environmental and Experimental Botany</i> , 2019, 162, 87-94.	2.0	10
6	Transcriptional profiling of wheat and wheat-rye addition lines to identify candidate genes for aluminum tolerance. <i>Biologia Plantarum</i> , 2018, 62, 741-749.	1.9	6
7	Characterization, genetic diversity, phylogenetic relationships, and expression of the aluminum tolerance <i>MATE1</i> gene in <i>Secale</i> species. <i>Biologia Plantarum</i> , 2018, 62, 109-120.	1.9	13
8	Molecular cloning of <i>TaMATE2</i> homoeologues potentially related to aluminium tolerance in bread wheat (<i>Triticum aestivum</i> L.). <i>Plant Biology</i> , 2018, 20, 817-824.	1.8	13
9	Leishmaniasis in the major endemic region of Plurinational State of Bolivia: Species identification, phylogeography and drug susceptibility implications. <i>Acta Tropica</i> , 2017, 176, 150-161.	0.9	18
10	Neutral molecular markers support common origin of aluminium tolerance in three congeneric grass species growing in acidic soils. <i>AoB PLANTS</i> , 2017, 9, plx060.	1.2	3
11	Differential Physiological Responses of Portuguese Bread Wheat (<i>Triticum aestivum</i> L.) Genotypes under Aluminium Stress. <i>Diversity</i> , 2016, 8, 26.	0.7	11
12	Molecular diversity and genetic relationships in <i>Secale</i> . <i>Journal of Genetics</i> , 2016, 95, 273-281.	0.4	11
13	Screening and identification of potential sex-associated sequences in <i>Danio rerio</i> . <i>Molecular Reproduction and Development</i> , 2015, 82, 756-764.	1.0	13
14	The role of two superoxide dismutase <i>mRNA</i> s in rye aluminium tolerance. <i>Plant Biology</i> , 2015, 17, 694-702.	1.8	6
15	On the consequences of aluminium stress in rye: repression of two mitochondrial malate dehydrogenase <i>mRNA</i> s. <i>Plant Biology</i> , 2015, 17, 123-133.	1.8	12
16	<i>Brachypodium distachyon</i> : a model species for aluminium tolerance in Poaceae. <i>Functional Plant Biology</i> , 2014, 41, 1270.	1.1	11
17	Pectin methylesterase gene and aluminum tolerance in <i>Secale cereale</i> . <i>Environmental and Experimental Botany</i> , 2014, 107, 125-133.	2.0	21
18	Molecular characterization of the citrate transporter gene <i>TaMATE1</i> and expression analysis of upstream genes involved in organic acid transport under Al stress in bread wheat (<i>Triticum aestivum</i>). <i>Physiologia Plantarum</i> , 2014, 152, 441-452.	2.6	40

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19	Molecular characterization of TaSTOP1 homoeologues and their response to aluminium and proton (H+) toxicity in bread wheat (<i>Triticum aestivum</i> L.). <i>BMC Plant Biology</i> , 2013, 13, 134.	1.6	61
20	The ScaACT1 gene at the Q alt5 locus as a candidate for increased aluminum tolerance in rye (<i>Secale</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	1.6	31
21	Genetic Variation in Natural Populations of <i>Stipa tenacissima</i> from Algeria. <i>Biochemical Genetics</i> , 2010, 48, 857-872.	0.8	12
22	From the rye Alt3 and Alt4 aluminum tolerance loci to orthologous genes in other cereals. <i>Plant and Soil</i> , 2010, 327, 107-120.	1.8	18
23	Allelic frequencies of the 15 STR loci included in the AmpFISTR® Identifilerâ,ç PCR Amplification Kit in an autochthonous sample from Spain. <i>Forensic Science International</i> , 2007, 173, 241-245.	1.3	28
24	The molecular diversity of different isolates of <i>Beauveria bassiana</i> (Bals.) Vuill. as assessed using intermicrosatellites (ISSRs). <i>Cellular and Molecular Biology Letters</i> , 2007, 12, 240-52.	2.7	26
25	Detection and mapping of SSRs in rye ESTs from aluminium-stressed roots. <i>Molecular Breeding</i> , 2007, 20, 103-115.	1.0	15
26	MOLECULAR CHARACTERIZATION OF TRICHINELLA GENOTYPES BY INTER-SIMPLE SEQUENCE REPEAT POLYMERASE CHAIN REACTION (ISSR-PCR). <i>Journal of Parasitology</i> , 2006, 92, 606-610.	0.3	14
27	Genic heterozygosity, chromosomal interchanges and fitness in rye: any relationship?. <i>Genetica</i> , 2006, 128, 273-286.	0.5	1
28	Candidate gene identification of an aluminum-activated organic acid transporter gene at the Alt4 locus for aluminum tolerance in rye (<i>Secale cereale</i> L.). <i>Theoretical and Applied Genetics</i> , 2006, 114, 249-260.	1.8	89
29	A new aluminum tolerance gene located on rye chromosome arm 7RS. <i>Theoretical and Applied Genetics</i> , 2005, 111, 360-369.	1.8	45
30	DNA fingerprint of F1 interspecific hybrids from the Triticeae tribe using ISSRs. <i>Euphytica</i> , 2005, 143, 93-99.	0.6	31
31	<i>Secale cereale</i> inter-microsatellites (SCIMs): chromosomal location and genetic inheritance. <i>Genetica</i> , 2005, 123, 303-311.	0.5	15
32	Chromosomal location of molecular markers linked to aluminum tolerance genes in rye. <i>Czech Journal of Genetics and Plant Breeding</i> , 2005, 41, 288-288.	0.4	2
33	Phylogenetic Relationships among Portuguese Rye Based on Isozyme, RAPD and ISSR Markers. <i>Hereditas</i> , 2004, 134, 229-236.	0.5	33
34	A simple method for the estimation of recombination frequencies and genetic distances. <i>Cellular and Molecular Biology Letters</i> , 2004, 9, 617-34.	2.7	4
35	The use of ISSR and RAPD markers for detecting DNA polymorphism, genotype identification and genetic diversity among barley cultivars with known origin. <i>Theoretical and Applied Genetics</i> , 2002, 104, 845-851.	1.8	227
36	Is the Mnr locus of Triticeae species the same as the Ndh and Dia loci?. <i>Theoretical and Applied Genetics</i> , 2002, 104, 513-517.	1.8	0

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37	Chromosomal location of 46 new RAPD markers in rye (<i>Secale cereale</i> L.). <i>Genetica</i> , 2002, 115, 205-211.	0.5	6
38	Chromosomal location of PCR fragments as a source of DNA markers linked to aluminium tolerance genes in rye. <i>Theoretical and Applied Genetics</i> , 1998, 96, 426-434.	1.8	27
39	Molecular markers linked to the aluminium tolerance gene Alt1 in rye (<i>Secale cereale</i> L.). <i>Theoretical and Applied Genetics</i> , 1998, 97, 1104-1109.	1.8	47
40	Genetic control of aluminium tolerance in rye (<i>Secale cereale</i> L.). <i>Theoretical and Applied Genetics</i> , 1997, 95, 393-399.	1.8	74
41	<i>Echinococcus granulosus</i> : genomic and isoenzymatic study of Spanish strains isolated from different intermediate hosts. <i>Veterinary Parasitology</i> , 1996, 63, 273-282.	0.7	16
42	Sex influence on recombination frequency in <i>Secale cereale</i> L.. <i>Theoretical and Applied Genetics</i> , 1996, 93-93, 926-931.	1.8	10
43	PCR derived molecular markers and phylogenetic relationships in the <i>Secale</i> genus. <i>Biologia Plantarum</i> , 1995, 37, 481-489.	1.9	19
44	A map of rye chromosome 4R with cytological and isozyme markers. <i>Theoretical and Applied Genetics</i> , 1994, 87, 941-946.	1.8	11
45	Rapid identification of Triticeae genotypes from single seeds using the polymerase chain reaction. <i>Plant Molecular Biology</i> , 1993, 21, 181-183.	2.0	56
46	Random amplified polymorphic DNA technique for speciation studies of <i>Echinococcus granulosus</i> . <i>Zeitschrift für Parasitenkunde (Berlin, Germany)</i> , 1993, 79, 343-345.	0.8	28
47	Genic heterozygosity and fitness in rye populations with B chromosomes. <i>Heredity</i> , 1992, 69, 406-411.	1.2	4
48	Genetic and cytogenetic maps of chromosomes 1R, 4R, and 7R in cultivated rye (<i>Secale cereale</i>). <i>Genome</i> , 1991, 34, 681-685.	0.9	8
49	High mutability in rye (<i>Secale cereale</i> L.). <i>Mutation Research-Fundamental and Molecular Mechanisms of Mutagenesis</i> , 1991, 264, 171-177.	1.2	5
50	NADH dehydrogenase: a new molecular marker for homoeology group 4 in Triticeae. A map of the 4RS chromosome arm in rye. <i>Theoretical and Applied Genetics</i> , 1991, 83, 169-172.	1.8	5
51	Biochemical evidence of a translocation between 6 RL/7 RL chromosome arms in rye (<i>Secale cereale</i> L.). A genetic map of 6R chromosome. <i>Theoretical and Applied Genetics</i> , 1991, 82, 27-32.	1.8	19
52	A map of rye chromosome 2R using isozyme and morphological markers. <i>Theoretical and Applied Genetics</i> , 1991, 82, 112-116.	1.8	13
53	Linkage and cytogenetic maps of genes controlling endosperm storage proteins and isozymes in rye (<i>Secale cereale</i> L.). <i>Theoretical and Applied Genetics</i> , 1990, 79, 347-352.	1.8	27
54	Chromosomal location of adenylate kinase isozymes in Triticeae species. <i>Theoretical and Applied Genetics</i> , 1990, 79, 157-160.	1.8	9

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55	Association of four isozyme loci with a reciprocal translocation between 1R/4R chromosomes in cultivated rye (<i>Secale cereale</i> L.). <i>Theoretical and Applied Genetics</i> , 1989, 78, 224-228.	1.8	13
56	Genic heterozygosity maintained by chromosomal interchanges in rye. <i>Heredity</i> , 1988, 60, 47-54.	1.2	7
57	Chromosomal Location of Dimeric Phosphatase Structural Genes in Hexaploid Wheat. <i>Plant Breeding</i> , 1988, 100, 188-192.	1.0	2
58	Genetics of rye phosphatases: evidence of a duplication. <i>Theoretical and Applied Genetics</i> , 1987, 73, 683-689.	1.8	8
59	The peroxidase isozymes of the wheat kernel: tissue and substrate specificity and their chromosomal location. <i>Theoretical and Applied Genetics</i> , 1987, 73, 701-706.	1.8	16
60	Location of genes coding isozyme markers on <i>Aegilops umbellulata</i> chromosomes adds data on homoeology among Triticeae chromosomes. <i>Theoretical and Applied Genetics</i> , 1987, 73, 581-588.	1.8	19
61	Leaf peroxidases " A biochemical marker for the group 2 chromosomes in the Triticinae. <i>Genetical Research</i> , 1986, 47, 103-107.	0.3	20
62	Biochemical evidence of homoeology between <i>Triticum aestivum</i> and <i>Agropyron intermedium</i> chromosomes. <i>Theoretical and Applied Genetics</i> , 1986, 72, 826-832.	1.8	20
63	Chromosomal location of isozyme markers in wheat-barley addition lines. <i>Theoretical and Applied Genetics</i> , 1985, 70, 192-198.	1.8	18
64	Esterase isozymes in rye ? characterization, genetic control and chromosomal location. <i>Theoretical and Applied Genetics</i> , 1985, 71, 136-140.	1.8	24
65	Chromosomal location of α -amylase structural genes in rye (<i>Secale cereale</i> L.). <i>Experientia</i> , 1985, 41, 1180-1181.	1.2	4
66	Chromosomal locations of phosphoglucomutase, phosphoglucose isomerase, and glutamate oxaloacetate transaminase structural genes in different rye cultivars. <i>Genome</i> , 1985, 27, 105-113.	0.7	23
67	ASSOCIATION OF ISOZYMES WITH A RECIPROCAL TRANSLOCATION IN CULTIVATED RYE (<i>SECALE CEREALE</i> L.). <i>Genetics</i> , 1985, 109, 177-193.	1.2	40
68	Phosphogluco mutase " a biochemical marker for group 4 chromosomes in the Triticinae. <i>Theoretical and Applied Genetics</i> , 1984, 68, 555-557.	1.8	23
69	Chromosomal location of genes controlling 6-phosphogluconate dehydrogenase, glucose-6-phosphate dehydrogenase and glutamate dehydrogenase isozymes in cultivated rye. <i>Euphytica</i> , 1983, 32, 783-790.	0.6	19
70	The chromosomal location of malate dehydrogenase isozymes in hexaploid wheat (<i>Triticum aestivum</i>) Tj ETQq0 0 0,rgBT /Overlock 10 Tf	1.8	22
71	A comparative study of the changes of peroxidase patterns during wheat, rye, and triticale kernel maturation. <i>Canadian Journal of Botany</i> , 1983, 61, 825-829.	1.2	2
72	Identification of hexaploid wheat cultivars based on isozyme patterns. <i>Journal of the Science of Food and Agriculture</i> , 1982, 33, 221-226.	1.7	15

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73	The inheritance of rye seed peroxidases. Theoretical and Applied Genetics, 1982, 61, 341-351.	1.8	43
74	The chromosomal location of factors determining the presence of phenolic compounds in wheat (<i>Triticum aestivum</i> L.). Theoretical and Applied Genetics, 1982, 61, 125-128.	1.8	1
75	The chromosomal location of phosphatase isozymes of the wheat endosperm. Experientia, 1981, 37, 557-559.	1.2	9
76	Endosperm peroxidase electrophoresis patterns to distinguish tetraploid from hexaploid wheats. Euphytica, 1981, 30, 389-392.	0.6	6
77	The chromosomal location of the embryo plus scutellum alcohol dehydrogenase isozymes in the hexaploid wheat kernel. Euphytica, 1981, 30, 729-734.	0.6	3
78	The inheritance of wheat kernel peroxidases. Journal of Heredity, 1980, 71, 416-418.	1.0	21
79	The chromosomal location of peroxidase isozymes of the wheat kernel. Theoretical and Applied Genetics, 1979, 55, 73-76.	1.8	37