Carla Ceoloni

List of Publications by Year
in descending order

39 papers	1,393 citations	361413 20 h-index	345221 36 g-index
41 all docs	41 docs citations	41 times ranked	1243 citing authors

#	Article	IF	Citations
1	Dissecting a wheat QTL for yield present in a range of environments: from the QTL to candidate genes. Journal of Experimental Botany, 2006, 57, 2627-2637.	4.8	327
2	FISHIS: Fluorescence In Situ Hybridization in Suspension and Chromosome Flow Sorting Made Easy. PLoS ONE, 2013, 8, e57994.	2.5	105
3	Identification of molecular markers linked to Pm13, an Aegilops longissima gene conferring resistance to powdery mildew in wheat. Theoretical and Applied Genetics, 1999, 98, 448-454.	3.6	78
4	Variation in highly repetitive DNA composition of heterochromatin in rye studied by fluorescence in situ hybridization. Genome, 1995, 38, 1061-1069.	2.0	61
5	Fluorescence in situ hybridization with multiple repeated DNA probes applied to the analysis of wheat-rye chromosome pairing. Theoretical and Applied Genetics, 1997, 94, 347-355.	3.6	55
6	Wheat chromosome engineering at the 4x level: the potential of different alien gene transfers into durum wheat. Euphytica, 1996, 89, 87-97.	1.2	54
7	Cytogenetic and molecular mapping of the wheat-Aegilops longissima chromatin breakpoints in powdery mildew-resistant introgression lines. Theoretical and Applied Genetics, 1995, 91, 738-743.	3.6	53
8	Cytogenetic mapping of a major locus for resistance to Fusarium head blight and crown rot of wheat on Thinopyrum elongatum 7EL and its pyramiding with valuable genes from a Th. ponticum homoeologous arm onto bread wheat 7DL. Theoretical and Applied Genetics, 2017, 130, 2005-2024.	3.6	53
9	Recent developments in durum wheat chromosome engineering. Cytogenetic and Genome Research, 2005, 109, 328-334.	1.1	49
10	Race differentiation and search for sources of resistance to Rhynchosporium secalis in barley in Italy. Euphytica, 1980, 29, 547-553.	1.2	37
11	Deoxynivalenol Detoxification in Transgenic Wheat Confers Resistance to Fusarium Head Blight and Crown Rot Diseases. Molecular Plant-Microbe Interactions, 2019, 32, 583-592.	2.6	36
12	A candidate for Lr19, an exotic gene conditioning leaf rust resistance in wheat. Functional and Integrative Genomics, 2009, 9, 325-334.	3.5	33
13	Harnessing Genetic Diversity of Wild Gene Pools to Enhance Wheat Crop Production and Sustainability: Challenges and Opportunities. Diversity, 2017, 9, 55.	1.7	32
14	Stacking small segments of the 1D chromosome of bread wheat containing major gluten quality genes into durum wheat: transfer strategy and breeding prospects. Molecular Breeding, 2012, 30, 149-167.	2.1	29
15	Chromosome Engineering of the Durum Wheat Genome. Genetic Resources, Chromosome Engineering, and Crop Improvement Series, 2006, , 27-59.	0.3	29
16	Combining mutations for the two homoeologous pairing suppressor genes Ph1 and Ph2 in common wheat and in hybrids with alien Triticeae. Genome, 1993, 36, 377-386.	2.0	27
17	Structuralâ€“functional dissection and characterization of yield-contributing traits originating from a group 7 chromosome of the wheatgrass speciesThinopyrum ponticumafter transfer into durum wheat. Journal of Experimental Botany, 2014, 65, 509-525.	4.8	26
18	Isolation of a chromosomally engineered durum wheat line carrying the common wheat Glu-D1d allele. Agronomy for Sustainable Development, 1997, 17, 413-419.	0.8	25

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19	A novel assembly of Thinopyrum ponticum genes into the durum wheat genome: pyramiding Fusarium head blight resistance onto recombinant lines previously engineered for other beneficial traits from the same alien species. Molecular Breeding, 2014, 34, 1701-1716.	2.1	22
20	Effect of different doses of group-2 chromosomes on homoeologous pairing in intergeneric wheat hybrids. Genome, 1986, 28, 240-246.	0.7	21
21	Isolation and characterization of S genome specific sequences fromAegilopssect.sitopsisspecies. Genome, 2003, 46, 478-489.	2.0	20
22	Genomes, Chromosomes and Genes of the Wheatgrass Genus Thinopyrum: the Value of their Transfer into Wheat for Gains in Cytogenomic Knowledge and Sustainable Breeding. , 2014, , 333-358.		20
23	Effects of Thinopyrum ponticum chromosome segments transferred into durum wheat on yield components and related morpho-physiological traits in Mediterranean rain-fed conditions. Field Crops Research, 2016, 186, 86-98.	5.1	20
24	Pyramiding different alien chromosome segments in durum wheat: Feasibility and breeding potential. Israel Journal of Plant Sciences, 2007, 55, 267-276.	0.5	19
25	Targeted exploitation of gene pools of alien Triticeae species for sustainable and multi-faceted improvement of the durum wheat crop. Crop and Pasture Science, 2014, 65, 96.	1.5	19
26	Equipping Durum Wheatâ€"Thinopyrum ponticum Recombinant Lines With a Thinopyrum elongatum Major QTL for Resistance to Fusarium Diseases Through a Cytogenetic Strategy. Frontiers in Plant Science, 2019, 10, 1324.	3.6	19
27	Physical mapping of wheat-Aegilops longissimabreakpoints in mildew-resistant recombinant lines using FISH with highly repeated and low-copy DNA probes. Genome, 1999, 42, 1013-1019.	2.0	18
28	Spindle sensitivity to colchicine of the Ph1 mutant in common wheat. Genome, 1984, 26, 111-118.	0.7	12
29	Genetic analysis of the Aegilops longissima 3S chromosome carrying the Pm13 resistance gene. Euphytica, 2003, 130, 177-183.	1.2	12
30	Wheat-Perennial Triticeae Introgressions: Major Achievements and Prospects. , 2015, , 273-313.		12
31	Yield of chromosomally engineered durum wheat-Thinopyrum ponticum recombinant lines in a range of contrasting rain-fed environments. Field Crops Research, 2018, 228, 147-157.	5.1	11
32	Physical mapping of wheat-Aegilops longissima breakpoints in mildew-resistant recombinant lines using FISH with highly repeated and low-copy DNA probes. Genome, 1999, 42, 1013-1019.	2.0	11
33	Spindle sensitivity to isopropyl-N-phenyl-carbamate and griseofulvin of common wheat plants carrying different doses of the Ph1 gene. Genome, 1984, 26, 119-127.	0.7	10
34	Engineered Durum Wheat Germplasm with Multiple Alien Introgressions: Agronomic and Quality Performance. Agronomy, 2020, 10, 486.	3.0	8
35	Small â€œNestedâ€•Introgressions from Wild Thinopyrum Species, Conferring Effective Resistance to Fusarium Diseases, Positively Impact Durum Wheat Yield Potential. Plants, 2021, 10, 579.	3.5	6
36	Transgene pyramiding in wheat: Combination of deoxynivalenol detoxification with inhibition of cell wall degrading enzymes to contrast Fusarium Head Blight and Crown Rot. Plant Science, 2021, 313, 111059.	3.6	6

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37	New insights into theTaxus baccataL. karyotype based on conventional and molecular cytogenetic analyses. Caryologia, 2017, 70, 248-257.	0.3	5
38	Assessing the Ability of Durum Wheat-Thinopyrum ponticum Recombinant Lines to Suppress Naturally Occurring Weeds under Different Sowing Densities. Agronomy, 2020, 10, 709.	3.0	4
39	Effect of Ph2 mutants promoting homoeologous pairing on spindle sensitivity to colchicine in common wheat. Genome, 1987, 29, 658-663.	2.0	2