Alberto Cenci

List of Publications by Year in descending order

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44 papers	2,936 citations	218677 26 h-index	254184 43 g-index
49 all docs	49 docs citations	49 times ranked	3875 citing authors

#	Article	IF	Citations
1	The coffee genome provides insight into the convergent evolution of caffeine biosynthesis. Science, 2014, 345, 1181-1184.	12.6	520
2	Grinding up Wheat: A Massive Loss of Nucleotide Diversity Since Domestication. Molecular Biology and Evolution, 2007, 24, 1506-1517.	8.9	331
3	The Banana Genome Hub. Database: the Journal of Biological Databases and Curation, 2013, 2013, bat035.	3.0	151
4	A genetic linkage map of durum wheat. Theoretical and Applied Genetics, 1998, 97, 721-728.	3.6	134
5	Improvement of the banana â€œMusa acuminataâ€•reference sequence using NGS data and semi-automated bioinformatics methods. BMC Genomics, 2016, 17, 243.	2.8	129
6	Construction and characterization of a half million clone BAC library of durum wheat (Triticum) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 54	3.6	124
7	Genomic analysis of NAC transcription factors in banana (Musa acuminata) and definition of NAC orthologous groups for monocots and dicots. Plant Molecular Biology, 2014, 85, 63-80.	3.9	91
8	Evolutionary Analyses of GRAS Transcription Factors in Angiosperms. Frontiers in Plant Science, 2017, 8, 273.	3.6	89
9	Sequencing of the Triticum monococcum Hardness locus reveals good microcolinearity with rice. Molecular Genetics and Genomics, 2004, 271, 377-386.	2.1	85
10	Molecular mapping of the novel powdery mildew resistance gene Pm36 introgressed from Triticum turgidum var. dicoccoides in durum wheat. Theoretical and Applied Genetics, 2008, 117, 135-142.	3.6	82
11	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
12	Multigenic phylogeny and analysis of tree incongruences in Triticeae (Poaceae). BMC Evolutionary Biology, 2011, 11, 181.	3.2	72
13	AN INTEGRATIVE TEST OF THE DEAD-END HYPOTHESIS OF SELFING EVOLUTION IN TRITICEAE (POACEAE). Evolution; International Journal of Organic Evolution, 2010, 64, no-no.	2.3	69
14	Mating system and recombination affect molecular evolution in fourTriticeaespecies. Genetical Research, 2008, 90, 97-109.	0.9	66
15	Genome evolution in diploid and tetraploid Coffea species as revealed by comparative analysis of orthologous genome segments. Plant Molecular Biology, 2012, 78, 135-145.	3.9	64
16	Assessment of genetic and epigenetic changes during cell culture ageing and relations with somaclonal variation in Coffea arabica. Plant Cell, Tissue and Organ Culture, 2015, 122, 517-531.	2.3	63
17	A Genome-Wide Association Study on the Seedless Phenotype in Banana (Musa spp.) Reveals the Potential of a Selected Panel to Detect Candidate Genes in a Vegetatively Propagated Crop. PLoS ONE, 2016, 11, e0154448.	2.5	61
18	Introgression of Dasypyrum villosum chromatin into common wheat improves grain protein quality. Euphytica, 2001, 117, 67-75.	1.2	60

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19	Highâ€throughput single nucleotide polymorphism genotyping in wheat (Triticum spp.). Plant Biotechnology Journal, 2009, 7, 364-374.	8.3	60
20	High Genetic and Epigenetic Stability in Coffea arabica Plants Derived from Embryogenic Suspensions and Secondary Embryogenesis as Revealed by AFLP, MSAP and the Phenotypic Variation Rate. PLoS ONE, 2013, 8, e56372.	2.5	59
21	Fast computation of minimum hybridization networks. Bioinformatics, 2012, 28, 191-197.	4.1	56
22	Homeologous Gene Expression in Response to Growing Temperature in a Recent Allopolyploid (Coffea) Tj ETQq0 0 0 rgBT /Overlock 10 T	2.4	50
23	Comparative sequence analyses indicate that Coffea (Asterids) and Vitis (Rosids) derive from the same paleo-hexaploid ancestral genome. Molecular Genetics and Genomics, 2010, 283, 493-501.	2.1	40
24	Transcriptomic analysis of resistant and susceptible banana corms in response to infection by Fusarium oxysporum f. sp. cubense tropical race 4. Scientific Reports, 2019, 9, 8199.	3.3	40
25	PCR identification of durum wheat BAC clones containing genes coding for carotenoid biosynthesis enzymes and their chromosome localization. Genome, 2004, 47, 911-917.	2.0	38
26	Differential root transcriptomics in a polyploid non-model crop: the importance of respiration during osmotic stress. Scientific Reports, 2016, 6, 22583.	3.3	34
27	Organization and molecular evolution of a disease-resistance gene cluster in coffee trees. BMC Genomics, 2011, 12, 240.	2.8	31
28	Three new genome assemblies support a rapid radiation in Musa acuminata (wild banana). Genome Biology and Evolution, 2018, 10, 3129-3140.	2.5	29
29	Unravelling the complex story of intergenomic recombination in ABB allotriploid bananas. Annals of Botany, 2021, 127, 7-20.	2.9	27
30	SNiPloid: A Utility to Exploit High-Throughput SNP Data Derived from RNA-Seq in Allopolyploid Species. International Journal of Plant Genomics, 2013, 2013, 1-6.	2.2	26
31	Effect of paleopolyploidy and allopolyploidy on gene expression in banana. BMC Genomics, 2019, 20, 244.	2.8	22
32	First Report of Fusarium oxysporum f. sp. cubense Tropical Race 4 Causing Fusarium Wilt in Cavendish Bananas in Peru. Plant Disease, 2022, 106, 2268.	1.4	22
33	Genetic and physical mapping of the SH3 region that confers resistance to leaf rust in coffee tree (Coffea arabica L.). Tree Genetics and Genomes, 2010, 6, 973-980.	1.6	21
34	Extension of the Messapia x dicoccoides linkage map of Triticum turgidum (L.) Thell. Cellular and Molecular Biology Letters, 2004, 9, 529-41.	7.0	18
35	The pgip family in soybean and three other legume species: evidence for a birth-and-death model of evolution. BMC Plant Biology, 2014, 14, 189.	3.6	15
36	Genetic analysis of the Aegilops longissima 3S chromosome carrying the Pm13 resistance gene. Euphytica, 2003, 130, 177-183.	1.2	12

#	Article	IF	Citations
37	A LTR copia retrotransposon and Mutator transposons interrupt Pgip genes in cultivated and wild wheats. Theoretical and Applied Genetics, 2008, 116, 859-867.	3.6	12
38	Differences in Evolution Rates among Eudicotyledon Species Observed by Analysis of Protein Divergence. Journal of Heredity, 2013, 104, 459-464.	2.4	12
39	The cytogenetics and molecular characteristics of a translocated chromosome 1AS.1AL-1DL with a Glu-D1 locus in durum wheat. Cellular and Molecular Biology Letters, 2002, 7, 559-67.	7.0	12
40	Data for the characterization of the HSP70 family during osmotic stress in banana, a non-model crop. Data in Brief, 2015, 3, 78-84.	1.0	10
41	Glycosyltransferase Family 61 in Liliopsida (Monocot): The Story of a Gene Family Expansion. Frontiers in Plant Science, 2018, 9, 1843.	3.6	10
42	Genome-wide and comparative phylogenetic analysis of senescence-associated NAC transcription factors in sunflower (Helianthus annuus). BMC Genomics, 2021, 22, 893.	2.8	6
43	A Protocol for Detection of Large Chromosome Variations in Banana Using Next Generation Sequencing. , 2022, , 129-148.		1
44	Diversity and evolution of coffee trees in light of genomics. Cahiers Agricultures, 2012, 21, 134-142.	0.9	0