

# Alberto Cenci

## List of Publications by Year in descending order

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44  
papers

2,936  
citations

218592

26  
h-index

254106

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. <i>Science</i> , 2014, 345, 1181-1184.	6.0	520
2	Grinding up Wheat: A Massive Loss of Nucleotide Diversity Since Domestication. <i>Molecular Biology and Evolution</i> , 2007, 24, 1506-1517.	3.5	331
3	The Banana Genome Hub. Database: the Journal of Biological Databases and Curation, 2013, 2013, bat035.	1.4	151
4	A genetic linkage map of durum wheat. <i>Theoretical and Applied Genetics</i> , 1998, 97, 721-728.	1.8	134
5	Improvement of the banana <i>Musa acuminata</i> reference sequence using NGS data and semi-automated bioinformatics methods. <i>BMC Genomics</i> , 2016, 17, 243.	1.2	129
6	Construction and characterization of a half million clone BAC library of durum wheat ( <i>Triticum turgidum</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 54	1.8	124
7	Genomic analysis of NAC transcription factors in banana ( <i>Musa acuminata</i> ) and definition of NAC orthologous groups for monocots and dicots. <i>Plant Molecular Biology</i> , 2014, 85, 63-80.	2.0	91
8	Evolutionary Analyses of GRAS Transcription Factors in Angiosperms. <i>Frontiers in Plant Science</i> , 2017, 8, 273.	1.7	89
9	Sequencing of the <i>Triticum monococcum</i> Hardness locus reveals good microcolinearity with rice. <i>Molecular Genetics and Genomics</i> , 2004, 271, 377-386.	1.0	85
10	Molecular mapping of the novel powdery mildew resistance gene Pm36 introgressed from <i>Triticum turgidum</i> var. <i>dicoccoides</i> in durum wheat. <i>Theoretical and Applied Genetics</i> , 2008, 117, 135-142.	1.8	82
11	Identification of molecular markers linked to Pm13, an <i>Aegilops longissima</i> gene conferring resistance to powdery mildew in wheat. <i>Theoretical and Applied Genetics</i> , 1999, 98, 448-454.	1.8	78
12	Multigenic phylogeny and analysis of tree incongruences in Triticeae (Poaceae). <i>BMC Evolutionary Biology</i> , 2011, 11, 181.	3.2	72
13	AN INTEGRATIVE TEST OF THE DEAD-END HYPOTHESIS OF SELFING EVOLUTION IN TRITICEAE (POACEAE). <i>Evolution; International Journal of Organic Evolution</i> , 2010, 64, no-no.	1.1	69
14	Mating system and recombination affect molecular evolution in four <i>Triticeae</i> species. <i>Genetical Research</i> , 2008, 90, 97-109.	0.3	66
15	Genome evolution in diploid and tetraploid <i>Coffea</i> species as revealed by comparative analysis of orthologous genome segments. <i>Plant Molecular Biology</i> , 2012, 78, 135-145.	2.0	64
16	Assessment of genetic and epigenetic changes during cell culture ageing and relations with somaclonal variation in <i>Coffea arabica</i> . <i>Plant Cell, Tissue and Organ Culture</i> , 2015, 122, 517-531.	1.2	63
17	A Genome-Wide Association Study on the Seedless Phenotype in Banana ( <i>Musa</i> spp.) Reveals the Potential of a Selected Panel to Detect Candidate Genes in a Vegetatively Propagated Crop. <i>PLoS ONE</i> , 2016, 11, e0154448.	1.1	61
18	Introgression of <i>Dasypyrum villosum</i> chromatin into common wheat improves grain protein quality. <i>Euphytica</i> , 2001, 117, 67-75.	0.6	60

#	ARTICLE	IF	CITATIONS
19	High-throughput single nucleotide polymorphism genotyping in wheat ( <i>Triticum</i> spp.). <i>Plant Biotechnology Journal</i> , 2009, 7, 364-374.	4.1	60
20	High Genetic and Epigenetic Stability in <i>Coffea arabica</i> Plants Derived from Embryogenic Suspensions and Secondary Embryogenesis as Revealed by AFLP, MSAP and the Phenotypic Variation Rate. <i>PLoS ONE</i> , 2013, 8, e56372.	1.1	59
21	Fast computation of minimum hybridization networks. <i>Bioinformatics</i> , 2012, 28, 191-197.	1.8	56
22	Homeologous Gene Expression in Response to Growing Temperature in a Recent Allopolyploid ( <i>Coffea</i> ) Tj ETQq0 0 0 rgBT /Overlock 10	1.0	50
23	Comparative sequence analyses indicate that <i>Coffea</i> (Asterids) and <i>Vitis</i> (Rosids) derive from the same paleo-hexaploid ancestral genome. <i>Molecular Genetics and Genomics</i> , 2010, 283, 493-501.	1.0	40
24	Transcriptomic analysis of resistant and susceptible banana corms in response to infection by <i>Fusarium oxysporum</i> f. sp. <i>cubense</i> tropical race 4. <i>Scientific Reports</i> , 2019, 9, 8199.	1.6	40
25	PCR identification of durum wheat BAC clones containing genes coding for carotenoid biosynthesis enzymes and their chromosome localization. <i>Genome</i> , 2004, 47, 911-917.	0.9	38
26	Differential root transcriptomics in a polyploid non-model crop: the importance of respiration during osmotic stress. <i>Scientific Reports</i> , 2016, 6, 22583.	1.6	34
27	Organization and molecular evolution of a disease-resistance gene cluster in coffee trees. <i>BMC Genomics</i> , 2011, 12, 240.	1.2	31
28	Three new genome assemblies support a rapid radiation in <i>Musa acuminata</i> (wild banana). <i>Genome Biology and Evolution</i> , 2018, 10, 3129-3140.	1.1	29
29	Unravelling the complex story of intergenomic recombination in ABB allotriploid bananas. <i>Annals of Botany</i> , 2021, 127, 7-20.	1.4	27
30	SNiPloid: A Utility to Exploit High-Throughput SNP Data Derived from RNA-Seq in Allopolyploid Species. <i>International Journal of Plant Genomics</i> , 2013, 2013, 1-6.	2.2	26
31	Effect of paleopolyploidy and allopolyploidy on gene expression in banana. <i>BMC Genomics</i> , 2019, 20, 244.	1.2	22
32	First Report of <i>Fusarium oxysporum</i> f. sp. <i>cubense</i> Tropical Race 4 Causing Fusarium Wilt in Cavendish Bananas in Peru. <i>Plant Disease</i> , 2022, 106, 2268.	0.7	22
33	Genetic and physical mapping of the SH3 region that confers resistance to leaf rust in coffee tree ( <i>Coffea arabica</i> L.). <i>Tree Genetics and Genomes</i> , 2010, 6, 973-980.	0.6	21
34	Extension of the Messapia x <i>dicoccoides</i> linkage map of <i>Triticum turgidum</i> (L.) Thell. <i>Cellular and Molecular Biology Letters</i> , 2004, 9, 529-41.	2.7	18
35	The <i>pgip</i> family in soybean and three other legume species: evidence for a birth-and-death model of evolution. <i>BMC Plant Biology</i> , 2014, 14, 189.	1.6	15
36	Genetic analysis of the <i>Aegilops longissima</i> 3S chromosome carrying the Pm13 resistance gene. <i>Euphytica</i> , 2003, 130, 177-183.	0.6	12

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37	A LTR copia retrotransposon and Mutator transposons interrupt Pgi genes in cultivated and wild wheats. <i>Theoretical and Applied Genetics</i> , 2008, 116, 859-867.	1.8	12
38	Differences in Evolution Rates among Eudicotyledon Species Observed by Analysis of Protein Divergence. <i>Journal of Heredity</i> , 2013, 104, 459-464.	1.0	12
39	The cytogenetics and molecular characteristics of a translocated chromosome 1AS.1AL-1DL with a Glu-D1 locus in durum wheat. <i>Cellular and Molecular Biology Letters</i> , 2002, 7, 559-67.	2.7	12
40	Data for the characterization of the HSP70 family during osmotic stress in banana, a non-model crop. <i>Data in Brief</i> , 2015, 3, 78-84.	0.5	10
41	Glycosyltransferase Family 61 in Liliopsida (Monocot): The Story of a Gene Family Expansion. <i>Frontiers in Plant Science</i> , 2018, 9, 1843.	1.7	10
42	Genome-wide and comparative phylogenetic analysis of senescence-associated NAC transcription factors in sunflower ( <i>Helianthus annuus</i> ). <i>BMC Genomics</i> , 2021, 22, 893.	1.2	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. <i>Cahiers Agricultures</i> , 2012, 21, 134-142.	0.4	0