AngÃ©lique D'hont

List of Publications by Year
in descending order

30 papers	4,686 citations	257450 24 h-index	454955 30 g-index
31 all docs	31 docs citations	31 times ranked	5013 citing authors

#	Article	IF	Citations
1	Detection of dynamic QTLs for traits related to organoleptic quality during banana ripening. Scientia Horticulturae, 2022, 293, 110690.	3.6	6
2	Three founding ancestral genomes involved in the origin of sugarcane. Annals of Botany, 2021, 127, 827-840.	2.9	25
3	Telomere-to-telomere gapless chromosomes of banana using nanopore sequencing. Communications Biology, 2021, 4, 1047.	4.4	86
4	Chromosome reciprocal translocations have accompanied subspecies evolution in bananas. Plant Journal, 2020, 104, 1698-1711.	5.7	35
5	Genome ancestry mosaics reveal multiple and cryptic contributors to cultivated banana. Plant Journal, 2020, 102, 1008-1025.	5.7	48
6	Musa balbisiana genome reveals subgenome evolution and functional divergence. Nature Plants, 2019, 5, 810-821.	9.3	132
7	Two large reciprocal translocations characterized in the disease resistance-rich burmannica genetic group of Musa acuminata. Annals of Botany, 2019, 124, 319-329.	2.9	15
8	Recombination and Large Structural Variations Shape Interspecific Edible Bananas Genomes. Molecular Biology and Evolution, 2019, 36, 97-111.	8.9	58
9	Chromosome-scale assemblies of plant genomes using nanopore long reads and optical maps. Nature Plants, 2018, 4, 879-887.	9.3	316
10	Three new genome assemblies support a rapid radiation in Musa acuminata (wild banana). Genome Biology and Evolution, 2018, 10, 3129-3140.	2.5	29
11	A mosaic monoploid reference sequence for the highly complex genome of sugarcane. Nature Communications, 2018, 9, 2638.	12.8	299
12	Evolution of the Banana Genome (Musa acuminata) Is Impacted by Large Chromosomal Translocations. Molecular Biology and Evolution, 2017, 34, 2140-2152.	8.9	23
13	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
14	Two Evolutionarily Distinct Classes of Paleopolyploidy. Molecular Biology and Evolution, 2014, 31, 448-454.	8.9	159
15	Expansion of banana (Musa acuminata) gene families involved in ethylene biosynthesis and signalling after lineageâ€specific wholeâ€genome duplications. New Phytologist, 2014, 202, 986-1000.	7.3	47
16	The Banana Genome Hub. Database: the Journal of Biological Databases and Curation, 2013, 2013, bat035.	3.0	151
17	The Complete Chloroplast Genome of Banana (Musa acuminata, Zingiberales): Insight into Plastid Monocotyledon Evolution. PLoS ONE, 2013, 8, e67350.	2.5	88
18	Cytogenetic evidence of mixed disomic and polysomic inheritance in an allotetraploid (AABB) Musa genotype. Annals of Botany, 2012, 110, 1593-1606.	2.9	28

#	Article	IF	Citations
19	The banana (Musa acuminata) genome and the evolution of monocotyledonous plants. Nature, 2012, 488, 213-217.	27.8	1,049
20	High homologous gene conservation despite extreme autopolyploid redundancy in sugarcane. New Phytologist, 2011, 189, 629-642.	7.3	69
21	The genome of Theobroma cacao. Nature Genetics, 2011, 43, 101-108.	21.4	656
22	Homoeologous chromosome pairing between the A and B genomes of Musa spp. revealed by genomic in situ hybridization. Annals of Botany, 2011, 108, 975-981.	2.9	36
23	Molecular cytogenetic investigation of chromosome composition and transmission in sugarcane. Molecular Genetics and Genomics, 2010, 284, 65-73.	2.1	157
24	Analysis of genome-wide linkage disequilibrium in the highly polyploid sugarcane. Theoretical and Applied Genetics, 2008, 116, 701-714.	3.6	79
25	Insights into the Musa genome: Syntenic relationships to rice and between Musa species. BMC Genomics, 2008, 9, 58.	2.8	105
26	Diploid/Polyploid Syntenic Shuttle Mapping and Haplotype-Specific Chromosome Walking Toward a Rust Resistance Gene (Bru1) in Highly Polyploid Sugarcane (2n â‰¼ 12x â‰¼ 115). Genetics, 2008, 180, 649-660.	2.9	110
27	Orthologous comparison in a gene-rich region among grasses reveals stability in the sugarcane polyploid genome. Plant Journal, 2007, 50, 574-585.	5.7	154
28	Oligoclonal interspecific origin of 'North Indian' and 'Chinese' sugarcanes. Chromosome Research, 2002, 10, 253-262.	2.2	101
29	Determination of basic chromosome numbers in the genusSaccharumby physical mapping of ribosomal RNA genes. Genome, 1998, 41, 221-225.	2.0	262
30	RFLP Mapping in Cultivated Sugarcane (Saccharum spp.): Genome Organization in a Highly Polyploid and Aneuploid Interspecific Hybrid. Genetics, 1996, 142, 987-1000.	2.9	187