

The coffee genome provides insight into the convergent

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Citation Report

#	ARTICLE	IF	CITATIONS
2	Evolutionary Origins and Dynamics of Octoploid Strawberry Subgenomes Revealed by Dense Targeted Capture Linkage Maps. <i>Genome Biology and Evolution</i> , 2014, 6, 3295-3313.	1.1	197
4	A wake-up call with coffee. <i>Science</i> , 2014, 345, 1124-1124.	6.0	6
6	The Widening Gulf between Genomics Data Generation and Consumption: A Practical Guide to Big Data Transfer Technology. <i>Bioinformatics and Biology Insights</i> , 2015, 9s1, BBI.S28988.	1.0	12
7	Genomics and Evolution in Traditional Medicinal Plants: Road to a Healthier Life. <i>Evolutionary Bioinformatics</i> , 2015, 11, EBO.S31326.	0.6	53
8	Syntenic block overlap multiplicities with a panel of reference genomes provide a signature of ancient polyploidization events. <i>BMC Genomics</i> , 2015, 16, S8.	1.2	4
9	Seed-Specific Stable Expression of the Î±-A11 Inhibitor in Coffee Grains and the In Vivo Implications for the Development of the Coffee Berry Borer. <i>Tropical Plant Biology</i> , 2015, 8, 98-107.	1.0	5
10	Coffee: Grounds for Concern?. <i>Baylor University Medical Center Proceedings</i> , 2015, 28, 122-123.	0.2	2
11	Identification of Putative Molecular Markers Associated with Root Traits in <i>Coffea canephora</i> Pierre ex Froehner. <i>Molecular Biology International</i> , 2015, 2015, 1-11.	1.7	9
12	Whole Genome Sequencing of Fruit Tree Species. <i>Advances in Botanical Research</i> , 2015, , 1-37.	0.5	13
13	It's more than stamp collecting: how genome sequencing can unify biological research. <i>Trends in Genetics</i> , 2015, 31, 411-421.	2.9	37
14	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
15	Evolutionary analysis of RB/Rpi-blb1 locus in the Solanaceae family. <i>Molecular Genetics and Genomics</i> , 2015, 290, 2173-2186.	1.0	3
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17	Genome-wide analysis of LTR-retrotransposons in oil palm. <i>BMC Genomics</i> , 2015, 16, 795.	1.2	18
18	Salicylic acid and methyljasmonate restore the transcription of caffeine biosynthetic N-methyltransferases from a transcription inhibition noticed during late endosperm maturation in coffee. <i>Plant Gene</i> , 2015, 4, 38-44.	1.4	16
19	A genome to unveil the mysteries of orchids. <i>Nature Genetics</i> , 2015, 47, 3-4.	9.4	10
20	Next generation variety development for sustainable production of arabica coffee (<i>Coffea arabica</i> L.): a review. <i>Euphytica</i> , 2015, 204, 243-256.	0.6	124
21	Genome-Wide Analysis of Adaptive Molecular Evolution in the Carnivorous Plant <i>Utricularia gibba</i> . <i>Genome Biology and Evolution</i> , 2015, 7, 444-456.	1.1	33

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22	The Sol Genomics Network (SGN)â€™from genotype to phenotype to breeding. <i>Nucleic Acids Research</i> , 2015, 43, D1036-D1041.	6.5	520
23	Progress, challenges and the future of crop genomes. <i>Current Opinion in Plant Biology</i> , 2015, 24, 71-81.	3.5	197
24	High Gene Family Turnover Rates and Gene Space Adaptation in the Compact Genome of the Carnivorous Plant <i>Utricularia gibba</i> . <i>Molecular Biology and Evolution</i> , 2015, 32, 1284-1295.	3.5	53
25	Terminal-Repeat Retrotransposons with GAG Domain in Plant Genomes: A New Testimony on the Complex World of Transposable Elements. <i>Genome Biology and Evolution</i> , 2015, 7, 493-504.	1.1	23
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27	The coffee genome hub: a resource for coffee genomes. <i>Nucleic Acids Research</i> , 2015, 43, D1028-D1035.	6.5	59
28	Regulatory Divergence between Parental Alleles Determines Gene Expression Patterns in Hybrids. <i>Genome Biology and Evolution</i> , 2015, 7, 1110-1121.	1.1	94
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32	The Greater Phenotypic Homeostasis of the Allopolyploid <i>Coffea arabica</i> Improved the Transcriptional Homeostasis Over that of Both Diploid Parents. <i>Plant and Cell Physiology</i> , 2015, 56, 2035-2051.	1.5	36
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39	Caffeine as a Gelator. <i>Gels</i> , 2016, 2, 9.	2.1	9

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40	Development of clonal seedlings of promising Conilon coffee (<i>Coffea canephora</i>) genotypes. Australian Journal of Crop Science, 2016, 10, 385-392.	0.1	14
41	Resistance to root-knot nematodes <i>Meloidogyne</i> spp. in woody plants. New Phytologist, 2016, 211, 41-56.	3.5	70
42	Advances in genomics for the improvement of quality in coffee. Journal of the Science of Food and Agriculture, 2016, 96, 3300-3312.	1.7	40
43	Emerging Genomics of Angiosperm Trees. Plant Genetics and Genomics: Crops and Models, 2016, , 85-99.	0.3	0
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58	My Way: Noncanonical Biosynthesis Pathways for Plant Volatiles. Trends in Plant Science, 2016, 21, 884-894.	4.3	77

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60	Isolation and Characterization of Cyclotides from Brazilian <i>Psychotria</i> : Significance in Plant Defense and Co-occurrence with Antioxidant Alkaloids. <i>Journal of Natural Products</i> , 2016, 79, 3006-3013.	1.5	12
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67	Inter-genomic DNA Exchanges and Homeologous Gene Silencing Shaped the Nascent Allopolyploid Coffee Genome (<i>Coffea arabica</i> L.). <i>G3: Genes, Genomes, Genetics</i> , 2016, 6, 2937-2948.	0.8	27
68	Economic importance, taxonomic representation and scientific priority as drivers of genome sequencing projects. <i>BMC Genomics</i> , 2016, 17, 782.	1.2	13
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78	Natural allelic variations of TCS1 play a crucial role in caffeine biosynthesis of tea plant and its related species. <i>Plant Physiology and Biochemistry</i> , 2016, 100, 18-26.	2.8	56
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92	Xanthine Alkaloids: Occurrence, Biosynthesis, and Function in Plants. <i>Progress in the Chemistry of Organic Natural Products</i> , 2017, 105, 1-88.	0.8	50
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95	Novel Insights into Tree Biology and Genome Evolution as Revealed Through Genomics. <i>Annual Review of Plant Biology</i> , 2017, 68, 457-483.	8.6	64

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111	Early responses of coffee immunity-related genes to root-knot nematode infection. <i>Physiological and Molecular Plant Pathology</i> , 2017, 100, 142-150.	1.3	7
112	Genome reconstruction in <i>Cynara cardunculus</i> taxa gains access to chromosome-scale DNA variation. <i>Scientific Reports</i> , 2017, 7, 5617.	1.6	30
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134	Ectopic expression of the <i>Coffea canephora</i> SERK1 homolog induced differential transcription of genes involved in auxin metabolism and in the developmental control of embryogenesis. Physiologia Plantarum, 2018, 163, 530-551.	2.6	23
135	Improving <i>Nelumbo nucifera</i> genome assemblies using high-resolution genetic maps and BioNano genome mapping reveals ancient chromosome rearrangements. Plant Journal, 2018, 94, 721-734.	2.8	42
136	Integrative analysis of the late maturation programme and desiccation tolerance mechanisms in intermediate coffee seeds. Journal of Experimental Botany, 2018, 69, 1583-1597.	2.4	35
137	High-throughput targeted genotyping using next-generation sequencing applied in <i>Coffea canephora</i> breeding. Euphytica, 2018, 214, 1.	0.6	19
138	Development of a rapid and efficient DNA-based method to detect and quantify adulterations in coffee (<i>Arabica</i> versus <i>Robusta</i>). Food Control, 2018, 88, 198-206.	2.8	34
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148	Genome Assembly and Annotation of the Medicinal Plant <i>Calotropis gigantea</i> , a Producer of Anticancer and Antimalarial Cardenolides. G3: Genes, Genomes, Genetics, 2018, 8, 385-391.	0.8	38
150	Localization and transport of indole-3-acetic acid during somatic embryogenesis in <i>Coffea canephora</i> . Protoplasma, 2018, 255, 695-708.	1.0	44
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156	SNP in the <i>Coffea arabica</i> genome associated with coffee quality. <i>Tree Genetics and Genomes</i> , 2018, 14, 1.	0.6	19
157	Cloning of the <i>Coffea canephora</i> SERK1 promoter and its molecular analysis during the cell-to-embryo transition. <i>Electronic Journal of Biotechnology</i> , 2018, 36, 34-46.	1.2	4
158	CRISPR/Cas9-mediated efficient targeted mutagenesis has the potential to accelerate the domestication of <i>Coffea canephora</i> . <i>Plant Cell, Tissue and Organ Culture</i> , 2018, 134, 383-394.	1.2	64
159	The Integration of Metabolomics and Next-Generation Sequencing Data to Elucidate the Pathways of Natural Product Metabolism in Medicinal Plants. <i>Planta Medica</i> , 2018, 84, 855-873.	0.7	47
161	High-quality assembly of the reference genome for scarlet sage, <i>Salvia splendens</i> , an economically important ornamental plant. <i>GigaScience</i> , 2018, 7, .	3.3	49
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