Dapeng Zhang

List of Publications by Year
in descending order

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		257450	315739
63	1,774	24	38
papers	citations	h-index	g-index

64	64	64	1597
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Ultraâ€barcoding in cacao (Theobroma spp.; Malvaceae) using whole chloroplast genomes and nuclear ribosomal DNA. American Journal of Botany, 2012, 99, 320-329.	1.7	228
2	Moniliophthora perniciosa, the causal agent of witchesâ€™ broom disease of cacao: what's new from this old foe?. Molecular Plant Pathology, 2008, 9, 577-588.	4.2	116
3	Varietal identification of tea (Camellia sinensis) using nanofluidic array of single nucleotide polymorphism (SNP) markers. Horticulture Research, 2014, 1, 14035.	6.3	71
4	Genetic diversity and parentage in farmer varieties of cacao (Theobroma cacao L.) from Honduras and Nicaragua as revealed by single nucleotide polymorphism (SNP) markers. Genetic Resources and Crop Evolution, 2013, 60, 441-453.	1.6	61
5	Developing single nucleotide polymorphism (SNP) markers from transcriptome sequences for identification of longan (Dimocarpus longan) germplasm. Horticulture Research, 2015, 2, 14065.	6.3	60
6	Molecular genetic diversity of Punica granatum L. (pomegranate) as revealed by microsatellite DNA markers (SSR). Gene, 2012, 493, 105-112.	2.2	49
7	Genetic diversity and population structure of Capsicum baccatum genetic resources. Genetic Resources and Crop Evolution, 2012, 59, 517-538.	1.6	49
8	Molecular characterization of an international cacao collection using microsatellite markers. Tree Genetics and Genomes, 2009, 5, 1-10.	1.6	47
9	Microsatellite Fingerprinting of the USDAâ€ARS Tropical Agriculture Research Station Cacao (Theobroma cacao L.) Germplasm Collection. Crop Science, 2010, 50, 656-667.	1.8	46
10	Accurate Determination of Genetic Identity for a Single Cacao Bean, Using Molecular Markers with a Nanofluidic System, Ensures Cocoa Authentication. Journal of Agricultural and Food Chemistry, 2014, 62, 481-487.	5.2	45
11	Accuracy and Reliability of Highâ€Throughput Microsatellite Genotyping for Cacao Clone Identification. Crop Science, 2006, 46, 2084-2092.	1.8	44
12	Genetic Diversity and Structure of Managed and Semi-natural Populations of Cocoa (Theobroma) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 3	2.9	41
13	The relic Criollo cacao in Belize â€“ genetic diversity and relationship with Trinitario and other cacao clones held in the International Cocoa Genebank, Trinidad. Plant Genetic Resources: Characterisation and Utilisation, 2010, 8, 106-115.	0.8	40
14	Genetic diversity and spatial structure in a new distinct Theobroma cacao L. population in Bolivia. Genetic Resources and Crop Evolution, 2012, 59, 239-252.	1.6	37
15	The impact of SNP fingerprinting and parentage analysis on the effectiveness of variety recommendations in cacao. Tree Genetics and Genomes, 2015, 11, 1.	1.6	35
16	Origin, Dispersal, and Current Global Distribution of Cacao Genetic Diversity. , 2016, , 3-31.		35
17	Developing Single Nucleotide Polymorphism (SNP) Markers for the Identification of Coffee Germplasm. Tropical Plant Biology, 2016, 9, 82-95.	1.9	34
18	Elevated temperature and drought stress significantly affect fruit quality and activity of anthocyanin-related enzymes in jujube (Ziziphus jujuba Mill. cv. â€˜Lingwuchangzaoâ€™). PLoS ONE, 2020, 15, e0241491.	2.5	34

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19	Molecular characterization of an earliest cacao (Theobroma cacao L.) collection from Upper Amazon using microsatellite DNA markers. Tree Genetics and Genomes, 2009, 5, 595-607.	1.6	33
20	Dynamic changes in pod and fungal physiology associated with the shift from biotrophy to necrotrophy during the infection of Theobroma cacao by Moniliophthora roreri. Physiological and Molecular Plant Pathology, 2013, 81, 84-96.	2.5	33
21	Association mapping of seed and disease resistance traits in Theobroma cacao L.. Planta, 2016, 244, 1265-1276.	3.2	30
22	Microsatellite variation and population structure in the â€œRefractarioâ€•cacao of Ecuador. Conservation Genetics, 2008, 9, 327-337.	1.5	29
23	Population Structure and Genetic Diversity of the Trinitario Cacao (Theobroma cacao L.) from Trinidad and Tobago. Crop Science, 2009, 49, 564-572.	1.8	27
24	Genetic diversity, conservation, and utilization of Theobroma cacao L.: genetic resources in the Dominican Republic. Genetic Resources and Crop Evolution, 2013, 60, 605-619.	1.6	27
25	Developing single nucleotide polymorphism markers for the identification of pineapple (Ananas) Tj ETQq1 1 0.784314 rgBT /Overlock	6.3	27
26	The chromosome-level genome of dragon fruit reveals whole-genome duplication and chromosomal co-localization of betacyanin biosynthetic genes. Horticulture Research, 2021, 8, 63.	6.3	25
27	Differential gene expression by <scp>M</scp>oniliophthora roreri while overcoming cacao tolerance in the field. Molecular Plant Pathology, 2014, 15, 711-729.	4.2	23
28	DiversitÃ© et structuration gÃ©nÃ©tiques dans des populations naturelles de cacaoyers (Theobroma) Tj ETQq0 0 0 rgBT /Overlock 10	2.0	22
29	Microsatellite-aided detection of genetic redundancy improves management of the International Cocoa Genebank, Trinidad. Tree Genetics and Genomes, 2013, 9, 1395-1411.	1.6	22
30	Genetic identity and diversity of Nigerian cacao genebank collections verified by single nucleotide polymorphisms (SNPs): a guide to field genebank management and utilization. Tree Genetics and Genomes, 2018, 14, 1.	1.6	22
31	Increasing Accuracy and Throughput in Large-Scale Microsatellite Fingerprinting of Cacao Field Germplasm Collections. Tropical Plant Biology, 2009, 2, 23-37.	1.9	21
32	Genetic identity and origin of â€œPiura Porcelanaâ€â€”a fine-flavored traditional variety of cacao (Theoborma cacao) from the Peruvian Amazon. Tree Genetics and Genomes, 2019, 15, 1.	1.6	21
33	Genetic diversity and parentage in farmer selections of cacao from Southern Sulawesi, Indonesia revealed by microsatellite markers. Breeding Science, 2015, 65, 438-446.	1.9	20
34	Combination of RNAseq and SNP nanofluidic array reveals the center of genetic diversity of cacao pathogen Moniliophthora roreri in the upper Magdalena Valley of Colombia and its clonality. Frontiers in Microbiology, 2015, 6, 850.	3.5	20
35	Identification of the varietal origin of processed loose-leaf tea based on analysis of a single leaf by SNP nanofluidic array. Crop Journal, 2016, 4, 304-312.	5.2	19
36	Dissecting Genetic Structure in Farmer Selections of Theobroma Cacao in the Peruvian Amazon: Implications for on Farm Conservation and Rehabilitation. Tropical Plant Biology, 2011, 4, 106-116.	1.9	18

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37	Complex origin of Trinitario-type Theobroma cacao (Malvaceae) from Trinidad and Tobago revealed using plastid genomics. Tree Genetics and Genomes, 2013, 9, 829-840.	1.6	18
38	Genetic Identity, Ancestry and Parentage in Farmer Selections of Cacao from Aceh, Indonesia Revealed by Single Nucleotide Polymorphism (SNP) Markers. Tropical Plant Biology, 2014, 7, 133-143.	1.9	18
39	Effectiveness of Single Nucleotide Polymorphism Markers in Genotyping Germplasm Collections of Coffea canephora Using KASP Assay. Frontiers in Plant Science, 2020, 11, 612593.	3.6	17
40	Microsatellite fingerprinting in the International Cocoa Genebank, Trinidad: accession and plot homogeneity information for germplasm management. Plant Genetic Resources: Characterisation and Utilisation, 2011, 9, 430-438.	0.8	16
41	Widely distributed variation in tolerance to Phytophthora palmivora in four genetic groups of cacao. Tree Genetics and Genomes, 2020, 16, 1.	1.6	15
42	Genomics of Theobroma cacao, â€œthe Food of the Godsâ€•, 2008, , 145-170.		15
43	Inter- and Intra-specific Variation among Five Erythroxylum Taxa Assessed by AFLP. Annals of Botany, 2005, 95, 601-608.	2.9	14
44	Molecular Characterization of Cacao (Theobroma cacao) Germplasm from Jamaica Using Single Nucleotide Polymorphism (SNP) Markers. Tropical Plant Biology, 2018, 11, 93-106.	1.9	13
45	Accurate Differentiation of Green Beans of Arabica and Robusta Coffee Using Nanofluidic Array of Single Nucleotide Polymorphism (SNP) Markers. Journal of AOAC INTERNATIONAL, 2020, 103, 315-324.	1.5	12
46	Theobroma. , 2011, , 277-296.		10
47	Successful pod infections by <scp>M</scp>oniliophthora roreri result in differential <scp>T</scp>heobroma cacao gene expression depending on the clone's level of tolerance. Molecular Plant Pathology, 2014, 15, 698-710.	4.2	10
48	Selecting a core set of nuclear SNP markers for molecular characterization of Arabica coffee (Coffea) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	0.8	10
49	Molecular Characterization of a Cacao Germplasm Collection Maintained in Yunnan, China Using Single Nucleotide Polymorphism (SNP) Markers. Tropical Plant Biology, 2020, 13, 359-370.	1.9	9
50	Fruit Morphology Measurements of Jujube Cultivar â€˜Lingwu Changzaoâ€™ (Ziziphus jujuba Mill. cv.) Tj ETQq0 0 0 rgBT /Overlock 10 T	2.8	9
51	AFLP Phylogeny of 36 Erythroxylum Species. Tropical Plant Biology, 2011, 4, 126-133.	1.9	8
52	Elucidation of genetic identity and population structure of cacao germplasm within an international cacao genebank. Plant Genetic Resources: Characterisation and Utilisation, 2012, 10, 232-241.	0.8	8
53	Assessing hidden parentage and genetic integrity of the â€œUnited Fruit Clonesâ€•of cacao (Theobroma) Tj ETQq1 1 0.784314 rg	1.9	8
54	Quality Green Tea (Camellia sinensis L.) Clones Marked through Novel Traits. Beverages, 2019, 5, 63.	2.8	8

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55	Traditional varieties of cacao (Theobroma cacao) in Madagascar: their origin and dispersal revealed by SNP markers. Beverage Plant Research, 2021, 1, 1-7.	1.9	7
56	Mining Single Nucleotide Polymorphism (SNP) Markers for Accurate Genotype Identification and Diversity Analysis of Chinese Jujube (Ziziphus jujuba Mill.) Germplasm. Agronomy, 2021, 11, 2303.	3.0	7
57	Physiological Traits and Metabolites of Cacao Seedlings Influenced by Potassium in Growth Medium. American Journal of Plant Sciences, 2013, 04, 1074-1080.	0.8	6
58	Macro and Micro Nutrient Uptake Parameters and Use Efficiency in Cacao Genotypes as Influenced by Levels of Soil Applied K. International Journal of Plant & Soil Science, 2015, 7, 80-90.	0.2	6
59	Selecting SNP markers reflecting population origin for cacao (<i>Theobroma cacao</i> L.) germplasm identification. Beverage Plant Research, 2021, 1, 1-9.	1.9	5
60	A computer simulation study on the number of loci and trees required to estimate genetic variability in cacao (Theobroma cacao L.). Tree Genetics and Genomes, 2006, 2, 152-164.	1.6	4
61	Conserving and exploiting cocoa genetic resources: the key challenges. Burleigh Dodds Series in Agricultural Science, 2018, , 19-46.	0.2	4
62	Relationship between genetic distance based on single nucleotide polymorphism markers and hybrid performance in Robusta coffee (Coffea canephora). Plant Breeding, 0, , .	1.9	2
63	The chromosome-level rambutan genome reveals a significant role of segmental duplication in the expansion of resistance genes. Horticulture Research, 2022, 9, .	6.3	2