Chunxian Chen

List of Publications by Year
in descending order

53	2,095	394421	243625
papers	citations	19	44
		h-index	g-index

53	53	53	1980
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Sequencing of diverse mandarin, pummelo and orange genomes reveals complex history of admixture during citrus domestication. Nature Biotechnology, 2014, 32, 656-662.	17.5	572
2	Mining and characterizing microsatellites from citrus ESTs. Theoretical and Applied Genetics, 2006, 112, 1248-1257.	3.6	216
3	A reference genetic map of C. clementina hort. ex Tan.; citrus evolution inferences from comparative mapping. BMC Genomics, 2012, 13, 593.	2.8	129
4	Comparative iTRAQ proteome and transcriptome analyses of sweet orange infected by â€œCandidatus Liberibacter asiaticusâ€• Physiologia Plantarum, 2011, 143, 235-245.	5.2	122
5	EST-SSR genetic maps for Citrus sinensis and Poncirus trifoliata. Tree Genetics and Genomes, 2008, 4, 1-10.	1.6	119
6	Citrus genomics. Tree Genetics and Genomes, 2012, 8, 611-626.	1.6	104
7	Comparative Transcriptional and Anatomical Analyses of Tolerant Rough Lemon and Susceptible Sweet Orange in Response to â€˜Candidatus Liberibacter asiaticusâ€™ Infection. Molecular Plant-Microbe Interactions, 2012, 25, 1396-1407.	2.6	80
8	Origin and frequency of 2n gametes in Citrus sinensisÃ—Poncirus trifoliata and their reciprocal crosses. Plant Science, 2008, 174, 1-8.	3.6	56
9	Title is missing!. Plant Cell, Tissue and Organ Culture, 2002, 71, 147-155.	2.3	51
10	Characterization of zygotic and nucellar seedlings from sour orange-like citrus rootstock candidates using RAPD and EST-SSR markers. Tree Genetics and Genomes, 2008, 4, 113-124.	1.6	50
11	Comparison of carotenoid accumulation and biosynthetic gene expression between Valencia and Rohde Red Valencia sweet oranges. Plant Science, 2014, 227, 28-36.	3.6	48
12	Differential anatomical responses of tolerant and susceptible citrus species to the infection of â€˜Candidatus Liberibacter asiaticusâ€™. Physiological and Molecular Plant Pathology, 2013, 83, 69-74.	2.5	42
13	Expression and phylogenetic analysis of two new lycopene Î²â€cyclases from Citrus paradisi. Physiologia Plantarum, 2011, 141, 1-10.	5.2	36
14	Identification of QTLs controlling aroma volatiles using a â€˜Fortuneâ€™ x â€˜Murcottâ€™ (Citrus reticulata) population. BMC Genomics, 2017, 18, 646.	2.8	35
15	Novel expression patterns of carotenoid pathway-related genes in citrus leaves and maturing fruits. Tree Genetics and Genomes, 2014, 10, 439-448.	1.6	33
16	Lack of Evidence for Transmission of â€˜Candidatus Liberibacter asiaticusâ€™ Through Citrus Seed Taken from Affected Fruit. Plant Disease, 2010, 94, 1200-1205.	1.4	30
17	Juice volatile composition differences between Valencia orange and its mutant Rohde Red Valencia are associated with carotenoid profile differences. Food Chemistry, 2018, 245, 223-232.	8.2	29
18	Mining of haplotype-based expressed sequence tag single nucleotide polymorphisms in citrus. BMC Genomics, 2013, 14, 746.	2.8	28

#	Article	IF	Citations
19	Identification of novel members in sweet orange carotenoid biosynthesis gene families. Tree Genetics and Genomes, 2010, 6, 905-914.	1.6	27
20	Draft genome sequence of Venturia carpophila, the causal agent of peach scab. Standards in Genomic Sciences, 2017, 12, 68.	1.5	22
21	Comparative analysis of juice volatiles in selected mandarins, mandarin relatives and other citrus genotypes. Journal of the Science of Food and Agriculture, 2018, 98, 1124-1131.	3.5	21
22	Draft genome sequence of Fusicladium effusum, cause of pecan scab. Standards in Genomic Sciences, 2016, 11, 36.	1.5	19
23	Production of New Allotetraploid and Autotetraploid Citrus Breeding Parents: Focus on Zipperskin Mandarins. Hortscience: A Publication of the American Society for Hortcultural Science, 2010, 45, 1160-1163.	1.0	19
24	Cytological and molecular characterization of three gametoclones of Citrus clementina. BMC Plant Biology, 2013, 13, 129.	3.6	18
25	Characterization of Furanocoumarin Profile and Inheritance Toward Selection of Low Furanocoumarin Seedless Grapefruit Cultivars. Journal of the American Society for Horticultural Science, 2011, 136, 358-363.	1.0	15
26	Mechanism-based inhibition of human Cytochrome P450-3A activity by grapefruit hybrids having low furanocoumarin content. Xenobiotica, 2012, 42, 1163-1169.	1.1	14
27	Peach Fruit Set and Buttoning after Spring Frost. Hortscience: A Publication of the American Society for Hortcultural Science, 2016, 51, 816-821.	1.0	14
28	Novel Primers and Sampling for PCR Detection ofXylellafastidiosain Peach. Phytopathology, 2019, 109, 307-317.	2.2	13
29	Cybridization of Grapefruit with â€˜Dancyâ€™ Mandarin Leads to Improved Fruit Characteristics. Journal of the American Society for Horticultural Science, 2015, 140, 427-435.	1.0	12
30	Verification of Mandarin and Pummelo Somatic Hybrids by Expressed Sequence Tagâ€“Simple Sequence Repeat Marker Analysis. Journal of the American Society for Horticultural Science, 2008, 133, 794-800.	1.0	11
31	Genome-wide characterization and selection of expressed sequence tag simple sequence repeat primers for optimized marker distribution and reliability in peach. Tree Genetics and Genomes, 2014, 10, 1271-1279.	1.6	10
32	Isolation and characterization of a novel anthocyanin-promoting MYBA gene family in Citrus. Tree Genetics and Genomes, 2012, 8, 675-685.	1.6	8
33	Genetic variability among populations of Fusicladium species from different host trees and geographic locations in the USA. Mycological Progress, 2014, 13, 1179.	1.4	8
34	Effect of a Late Spring Application of Hydrogen Cyanamide on High-Chill Peaches. Agronomy, 2019, 9, 726.	3.0	8
35	Genetic Diversity and Population Structure Analysis of Citrus Germplasm with Single Nucleotide Polymorphism Markers. Journal of the American Society for Horticultural Science, 2018, 143, 399-408.	1.0	7
36	New Somatic Hybrid Mandarin Tetraploids Generated by Optimized Protoplast Fusion and Confirmed by Molecular Marker Analysis and Flow Cytometry. Journal of the American Society for Horticultural Science, 2019, 144, 151-163.	1.0	7

#	Article	IF	Citations
37	Mining and characterization of microsatellites from a genome of Venturia carpophila. Mycological Progress, 2018, 17, 885-895.	1.4	6
38	Development of pGreen-derived GFP Binary Vectors for Citrus Transformation. Hortscience: A Publication of the American Society for Hortcultural Science, 2007, 42, 7-10.	1.0	6
39	Novel Peach Flower Types in a Segregating Population from â€˜Helen Borchersâ€™. Journal of the American Society for Horticultural Science, 2015, 140, 172-177.	1.0	6
40	Identification of genes associated with low furanocoumarin content in grapefruit. Genome, 2014, 57, 537-545.	2.0	5
41	Comparison of fruit characters and volatile components in peach-to-nectarine mutants. Euphytica, 2016, 209, 409-418.	1.2	5
42	Characterization of Polymorphic Chloroplast Microsatellites in Prunus Species and Maternal Lineages in Peach Genotypes. Journal of the American Society for Horticultural Science, 2017, 142, 217-224.	1.0	5
43	Pecan Bacterial Leaf Scorch, Caused by Xylella fastidiosa, Is Endemic in Georgia Pecan Orchards. Plant Health Progress, 2018, 19, 284-287.	1.4	5
44	Mating Type Idiomorphs, Heterothallism, and High Genetic Diversity in Venturia carpophila, Cause of Peach Scab. Phytopathology, 2021, 111, 408-424.	2.2	5
45	â€˜UF-1013-1â€™: An Infertile Cultivar of Lantana camara. Hortscience: A Publication of the American Society for Hortcultural Science, 2020, 55, 953-958.	1.0	5
46	Title is missing!. Plant Molecular Biology Reporter, 1999, 17, 231-238.	1.8	4
47	Genetic relationship and parentages of historical peaches revealed by microsatellite markers. Tree Genetics and Genomes, 2021, 17, 1.	1.6	3
48	â€˜Liberty Joyâ€™ Peach. Hortscience: A Publication of the American Society for Hortcultural Science, 2020, 55, 951-952.	1.0	2
49	Population Structure and Phylogeny of Some U.S. Peach Cultivars. Journal of the American Society for Horticultural Science, 2022, 147, 1-6.	1.0	2
50	Rectification concerning â€œIsolation and characterization of a novel anthocyanin-promoting MYBA gene family in Citrusâ€• Tree Genetics and Genomes, 2012, 8, 687-687.	1.6	1
51	â€˜Rich Joyâ€™ Peach. Hortscience: A Publication of the American Society for Hortcultural Science, 2020, 55, 591-592.	1.0	1
52	â€˜Crimson Joyâ€™ Peach. Hortscience: A Publication of the American Society for Hortcultural Science, 2020, 55, 972-973.	1.0	1
53	Assessment of Prunus Rootstock Accessions Using Chloroplast and Nuclear Microsatellites. Journal of the American Society for Horticultural Science, 2022, 147, 95-103.	1.0	0