

Qingyi Yu

List of Publications by Year in descending order

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85
papers

5,822
citations

109321

35
h-index

79698

73
g-index

87
all docs

87
docs citations

87
times ranked

5580
citing authors

#	ARTICLE	IF	CITATIONS
1	SunUp and Sunset genomes revealed impact of particle bombardment mediated transformation and domestication history in papaya. <i>Nature Genetics</i> , 2022, 54, 715-724.	21.4	26
2	An Improved Virus-Induced Gene Silencing (VIGS) System in Zoysiagrass. <i>Concepts and Strategies in Plant Sciences</i> , 2021, , 155-168.	0.5	0
3	Transcriptional regulation of dosage compensation in <i>Carica papaya</i> . <i>Scientific Reports</i> , 2021, 11, 5854.	3.3	5
4	The Diversity of Plant Sex Chromosomes Highlighted through Advances in Genome Sequencing. <i>Genes</i> , 2021, 12, 381.	2.4	14
5	Sex biased expression of hormone related genes at early stage of sex differentiation in papaya flowers. <i>Horticulture Research</i> , 2021, 8, 147.	6.3	12
6	Recent amplification of microsatellite-associated miniature inverted-repeat transposable elements in the pineapple genome. <i>BMC Plant Biology</i> , 2021, 21, 424.	3.6	1
7	Positional cloning and characterization of the papaya diminutive mutant reveal a truncating mutation in the CpMMS19 gene. <i>New Phytologist</i> , 2020, 225, 2006-2021.	7.3	0
8	Comparative analysis of sucrose phosphate synthase (SPS) gene family between <i>Saccharum officinarum</i> and <i>Saccharum spontaneum</i> . <i>BMC Plant Biology</i> , 2020, 20, 422.	3.6	27
9	The bracteatus pineapple genome and domestication of clonally propagated crops. <i>Nature Genetics</i> , 2019, 51, 1549-1558.	21.4	60
10	Comparative genomics revealed the gene evolution and functional divergence of magnesium transporter families in <i>Saccharum</i> . <i>BMC Genomics</i> , 2019, 20, 83.	2.8	23
11	Comparative Analysis of SUS Gene Family between <i>Saccharum officinarum</i> and <i>Saccharum spontaneum</i> . <i>Tropical Plant Biology</i> , 2019, 12, 174-185.	1.9	9
12	Differential methylation and expression of HUA1 ortholog in three sex types of papaya. <i>Plant Science</i> , 2018, 272, 99-106.	3.6	7
13	Papain-like cysteine proteases in <i>Carica papaya</i> : lineage-specific gene duplication and expansion. <i>BMC Genomics</i> , 2018, 19, 26.	2.8	28
14	Transcriptomic analysis of transgressive segregants revealed the central role of photosynthetic capacity and efficiency in biomass accumulation in sugarcane. <i>Scientific Reports</i> , 2018, 8, 4415.	3.3	17
15	New insights into the evolution and functional divergence of the SWEET family in <i>Saccharum</i> based on comparative genomics. <i>BMC Plant Biology</i> , 2018, 18, 270.	3.6	42
16	Comprehensively Characterizing the Cytological Features of <i>Saccharum spontaneum</i> by the Development of a Complete Set of Chromosome-Specific Oligo Probes. <i>Frontiers in Plant Science</i> , 2018, 9, 1624.	3.6	42
17	Transcription Factors in the Pineapple Genome. <i>Plant Genetics and Genomics: Crops and Models</i> , 2018, , 183-194.	0.3	0
18	Allele-defined genome of the autopolyploid sugarcane <i>Saccharum spontaneum</i> L.. <i>Nature Genetics</i> , 2018, 50, 1565-1573.	21.4	463

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19	PGD: Pineapple Genomics Database. Horticulture Research, 2018, 5, 66.	6.3	25
20	Comparative Analysis of Homologous Sequences of <i>Saccharum officinarum</i> and <i>Saccharum spontaneum</i> Reveals Independent Polyploidization Events. Frontiers in Plant Science, 2018, 9, 1414.	3.6	3
21	Development and Applications of Chromosome-Specific Cytogenetic BAC-FISH Probes in <i>S. spontaneum</i> . Frontiers in Plant Science, 2018, 9, 218.	3.6	23
22	Development of male-specific markers and identification of sex reversal mutants in papaya. Euphytica, 2017, 213, 1.	1.2	30
23	Evolution and expression of the fructokinase gene family in <i>Saccharum</i> . BMC Genomics, 2017, 18, 197.	2.8	39
24	Diurnal Cycling Transcription Factors of Pineapple Revealed by Genome-Wide Annotation and Global Transcriptomic Analysis. Genome Biology and Evolution, 2017, 9, 2170-2190.	2.5	43
25	Chromosome Nomenclature and Cytological Characterization of Sacred Lotus. Cytogenetic and Genome Research, 2017, 153, 223-231.	1.1	12
26	An Overview of Molecular Advances in Zoysiagrass. Crop Science, 2017, 57, S-73.	1.8	9
27	Comparative structural analysis of Bru1 region homeologs in <i>Saccharum spontaneum</i> and <i>S. officinarum</i> . BMC Genomics, 2016, 17, 446.	2.8	8
28	Comparative Analysis of GC Content Variations in Plant Genomes. Tropical Plant Biology, 2016, 9, 136-149.	1.9	54
29	Structure, phylogeny, allelic haplotypes and expression of sucrose transporter gene families in <i>Saccharum</i> . BMC Genomics, 2016, 17, 88.	2.8	48
30	Construction of high-resolution genetic maps of <i>Zoysia matrella</i> (L.) Merrill and applications to comparative genomic analysis and QTL mapping of resistance to fall armyworm. BMC Genomics, 2016, 17, 562.	2.8	12
31	Transcriptome analysis of the male-to-hermaphrodite sex reversal induced by low temperature in papaya. Tree Genetics and Genomes, 2016, 12, 1.	1.6	17
32	Extremely low nucleotide diversity in the X-linked region of papaya caused by a strong selective sweep. Genome Biology, 2016, 17, 230.	8.8	21
33	Sequence-tagged high-density genetic maps of <i>Zoysia japonica</i> provide insights into genome evolution in Chloridoideae. Plant Journal, 2015, 82, 744-757.	5.7	37
34	Cold Responsive Gene Expression Profiling of Sugarcane and <i>Saccharum spontaneum</i> with Functional Analysis of a Cold Inducible <i>Saccharum</i> Homolog of NOD26-Like Intrinsic Protein to Salt and Water Stress. PLoS ONE, 2015, 10, e0125810.	2.5	44
35	Evidence for Emergence of Sex-Determining Gene(s) in a Centromeric Region in <i>Vasconcellea parviflora</i> . Genetics, 2015, 199, 413-421.	2.9	23
36	Origin and domestication of papaya Y chromosome. Genome Research, 2015, 25, 524-533.	5.5	87

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37	The pineapple genome and the evolution of CAM photosynthesis. <i>Nature Genetics</i> , 2015, 47, 1435-1442.	21.4	472
38	Sex specific expression and distribution of small RNAs in papaya. <i>BMC Genomics</i> , 2014, 15, 20.	2.8	28
39	The Effects of Gibberellic Acid on Sex Expression and Secondary Sexual Characteristics in Papaya. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2014, 49, 378-383.	1.0	5
40	Physical Map of Papaya Genome. , 2014, , 169-183.		0
41	Draft genome sequence of the rubber tree <i>Hevea brasiliensis</i> . <i>BMC Genomics</i> , 2013, 14, 75.	2.8	222
42	Nucleotide Composition of the <i>Nelumbo nucifera</i> Genome. <i>Tropical Plant Biology</i> , 2013, 6, 85-97.	1.9	2
43	Genome of the long-living sacred lotus (<i>Nelumbo nucifera</i> Gaertn.). <i>Genome Biology</i> , 2013, 14, R41.	9.6	329
44	Rapid divergence and expansion of the X chromosome in papaya. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 13716-13721.	7.1	52
45	Sequencing papaya X and Y chromosomes reveals molecular basis of incipient sex chromosome evolution. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 13710-13715.	7.1	264
46	An integrated cytogenetic and physical map reveals unevenly distributed recombination spots along the papaya sex chromosomes. <i>Chromosome Research</i> , 2012, 20, 753-767.	2.2	20
47	Construction of physical maps for the sex-specific regions of papaya sex chromosomes. <i>BMC Genomics</i> , 2012, 13, 176.	2.8	39
48	Asymmetric purine-pyrimidine distribution in cellular small RNA population of papaya. <i>BMC Genomics</i> , 2012, 13, 682.	2.8	41
49	Genome size variation in three <i>Saccharum</i> species. <i>Euphytica</i> , 2012, 185, 511-519.	1.2	93
50	Genome of papaya, a fast growing tropical fruit tree. <i>Tree Genetics and Genomes</i> , 2012, 8, 445-462.	1.6	21
51	Genetic mapping of quantitative trait loci controlling fruit size and shape in papaya. <i>Molecular Breeding</i> , 2012, 29, 457-466.	2.1	40
52	Papaya Genome and Genomics. , 2012, , 241-259.		2
53	Microcollinearity and genome evolution in the vicinity of an ethylene receptor gene of cultivated diploid and allotetraploid coffee species (<i>Coffea</i>). <i>Plant Journal</i> , 2011, 67, 305-317.	5.7	55
54	Construction of Papaya Male and Female BAC Libraries and Application in Physical Mapping of the Sex Chromosomes. <i>Journal of Biomedicine and Biotechnology</i> , 2011, 2011, 1-7.	3.0	14

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55	Integration of Genetic and Cytological Maps and Development of a Pachytene Chromosome-based Karyotype in Papaya. <i>Tropical Plant Biology</i> , 2010, 3, 166-170.	1.9	34
56	Development of Chromosome-specific Cytogenetic Markers and Merging of Linkage Fragments in Papaya. <i>Tropical Plant Biology</i> , 2010, 3, 171-181.	1.9	24
57	Microcollinearity between autopolyploid sugarcane and diploid sorghum genomes. <i>BMC Genomics</i> , 2010, 11, 261.	2.8	175
58	The origin of the non-recombining region of sex chromosomes in <i>Carica</i> and <i>Vasconcellea</i> . <i>Plant Journal</i> , 2010, 63, 801-810.	5.7	25
59	Cloning of the Papaya Chromoplast-Specific Lycopene β -Cyclase, <i>CpCYC-b</i> , Controlling Fruit Flesh Color Reveals Conserved Microsynteny and a Recombination Hot Spot. <i>Plant Physiology</i> , 2010, 152, 2013-2022.	4.8	90
60	Isolating promoters of multigene family members from the polyploid sugarcane genome by PCR-based walking in BAC DNA. <i>Genome</i> , 2010, 53, 840-847.	2.0	9
61	EFFORTS TO DEREGULATE RAINBOW PAPAYA IN JAPAN: MOLECULAR CHARACTERIZATION OF TRANSGENE AND VECTOR INSERTS. <i>Acta Horticulturae</i> , 2010, , 235-240.	0.2	0
62	Enrichment of a papaya high-density genetic map with AFLP markers. <i>Genome</i> , 2009, 52, 716-725.	2.0	28
63	A physical map of the papaya genome with integrated genetic map and genome sequence. <i>BMC Genomics</i> , 2009, 10, 371.	2.8	81
64	Development and application of microsatellite markers for genomic analysis of papaya. <i>Tree Genetics and Genomes</i> , 2008, 4, 333-341.	1.6	45
65	Floral MADS-box Genes in Trioecious Papaya: Characterization of AG and AP1 Subfamily Genes Revealed a Sex-type-specific Gene. <i>Tropical Plant Biology</i> , 2008, 1, 97-107.	1.9	14
66	Recent Origin of Dioecious and Gynodioecious Y Chromosomes in Papaya. <i>Tropical Plant Biology</i> , 2008, 1, 49-57.	1.9	62
67	Fruit Development, Ripening and Quality Related Genes in the Papaya Genome. <i>Tropical Plant Biology</i> , 2008, 1, 246-277.	1.9	31
68	Characterization of Insertion Sites in Rainbow Papaya, the First Commercialized Transgenic Fruit Crop. <i>Tropical Plant Biology</i> , 2008, 1, 293-309.	1.9	25
69	Genome-Wide Comparative Analyses of Microsatellites in Papaya. <i>Tropical Plant Biology</i> , 2008, 1, 278-292.	1.9	34
70	B-class MADS-box genes in trioecious papaya: two paleoAP3 paralogs, <i>CpTM6-1</i> and <i>CpTM6-2</i> , and a PI ortholog <i>CpPI</i> . <i>Planta</i> , 2008, 227, 741-753.	3.2	22
71	The draft genome of the transgenic tropical fruit tree papaya (<i>Carica papaya</i> Linnaeus). <i>Nature</i> , 2008, 452, 991-996.	27.8	964
72	Low X/Y divergence in four pairs of papaya sex-linked genes. <i>Plant Journal</i> , 2008, 53, 124-132.	5.7	78

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73	DNA methylation and heterochromatinization in the male-specific region of the primitive Y chromosome of papaya. <i>Genome Research</i> , 2008, 18, 1938-1943.	5.5	107
74	Genomics of Papaya a Common Source of Vitamins in the Tropics. , 2008, , 405-420.		14
75	Construction of a Sequence-Tagged High-Density Genetic Map of Papaya for Comparative Structural and Evolutionary Genomics in Brassicales. <i>Genetics</i> , 2007, 177, 2481-2491.	2.9	73
76	Sex determination in papaya. <i>Seminars in Cell and Developmental Biology</i> , 2007, 18, 401-408.	5.0	124
77	Chromosomal location and gene paucity of the male specific region on papaya Y chromosome. <i>Molecular Genetics and Genomics</i> , 2007, 278, 177-185.	2.1	73
78	Tissue differential expression of lycopene β -cyclase gene in papaya. <i>Cell Research</i> , 2006, 16, 731-739.	12.0	37
79	Analysis of papaya BAC end sequences reveals first insights into the organization of a fruit tree genome. <i>Molecular Genetics and Genomics</i> , 2006, 276, 1-12.	2.1	61
80	Cloning and characterization of a FLORICAULA/LEAFY ortholog, PFL, in polygamous papaya. <i>Cell Research</i> , 2005, 15, 576-584.	12.0	28
81	Genetic Diversity and Relationships in Native Hawaiian <i>Saccharum officinarum</i> Sugarcane. , 2004, 95, 327-331.		25
82	High-Density Linkage Mapping Revealed Suppression of Recombination at the Sex Determination Locus in Papaya. <i>Genetics</i> , 2004, 166, 419-436.	2.9	132
83	A primitive Y chromosome in papaya marks incipient sex chromosome evolution. <i>Nature</i> , 2004, 427, 348-352.	27.8	351
84	Molecular Diversity of <i>Ralstonia solanacearum</i> Isolated from Ginger in Hawaii. <i>Phytopathology</i> , 2003, 93, 1124-1130.	2.2	35
85	Sexual Recombination and Selection During Domestication of Clonally Propagated Pineapple. <i>SSRN Electronic Journal</i> , 0, , .	0.4	1