

Yuxuan Yuan

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

770
citations

932766

10
h-index

887659

17
g-index

21
all docs

21
docs citations

21
times ranked

1041
citing authors

#	ARTICLE	IF	CITATIONS
1	Sequencing the USDA core soybean collection reveals gene loss during domestication and breeding. <i>Plant Genome</i> , 2022, 15, e20109.	1.6	53
2	Applications of Optical Mapping for Plant Genome Assembly and Structural Variation Detection. <i>Methods in Molecular Biology</i> , 2022, 2443, 245-257.	0.4	1
3	Current status of structural variation studies in plants. <i>Plant Biotechnology Journal</i> , 2021, 19, 2153-2163.	4.1	65
4	Modelling of gene loss propensity in the pangenomes of three <i>Brassica</i> species suggests different mechanisms between polyploids and diploids. <i>Plant Biotechnology Journal</i> , 2021, 19, 2488-2500.	4.1	44
5	Toward haplotype studies in polyploid plants to assist breeding. <i>Molecular Plant</i> , 2021, 14, 1969-1972.	3.9	6
6	Advances in optical mapping for genomic research. <i>Computational and Structural Biotechnology Journal</i> , 2020, 18, 2051-2062.	1.9	71
7	Legume Pangenome Construction Using an Iterative Mapping and Assembly Approach. <i>Methods in Molecular Biology</i> , 2020, 2107, 35-47.	0.4	7
8	Method for Genome-Wide Association Study: A Soybean Example. <i>Methods in Molecular Biology</i> , 2020, 2107, 147-158.	0.4	2
9	Construction and comparison of three reference-quality genome assemblies for soybean. <i>Plant Journal</i> , 2019, 100, 1066-1082.	2.8	113
10	Using Genomics to Adapt Crops to Climate Change. , 2019, , 91-109.		4
11	Large-Scale Structural Variation Detection in Subterranean Clover Subtypes Using Optical Mapping. <i>Frontiers in Plant Science</i> , 2018, 9, 971.	1.7	10
12	Single-Cell Genomic Analysis in Plants. <i>Genes</i> , 2018, 9, 50.	1.0	25
13	An advanced reference genome of <i>Trifolium subterraneum</i> L. reveals genes related to agronomic performance. <i>Plant Biotechnology Journal</i> , 2017, 15, 1034-1046.	4.1	38
14	Improvements in Genomic Technologies: Application to Crop Genomics. <i>Trends in Biotechnology</i> , 2017, 35, 547-558.	4.9	72
15	Assembly and comparison of two closely related <i>Brassica napus</i> genomes. <i>Plant Biotechnology Journal</i> , 2017, 15, 1602-1610.	4.1	150
16	runBNG: a software package for BioNano genomic analysis on the command line. <i>Bioinformatics</i> , 2017, 33, 3107-3109.	1.8	10
17	Databases for Wheat Genomics and Crop Improvement. <i>Methods in Molecular Biology</i> , 2017, 1679, 277-291.	0.4	8
18	BioNanoAnalyst: a visualisation tool to assess genome assembly quality using BioNano data. <i>BMC Bioinformatics</i> , 2017, 18, 323.	1.2	9

#	ARTICLE	IF	CITATIONS
19	Advances in genomics for adapting crops to climate change. <i>Current Plant Biology</i> , 2016, 6, 2-10.	2.3	82