

Christopher Toomajian

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

6,305
citations

361413
20
h-index

501196
28
g-index

30
all docs

30
docs citations

30
times ranked

8075
citing authors

#	ARTICLE	IF	CITATIONS
1	The Pattern of Polymorphism in <i>Arabidopsis thaliana</i> . <i>PLoS Biology</i> , 2005, 3, e196.	5.6	895
2	Common Sequence Polymorphisms Shaping Genetic Diversity in <i>Arabidopsis thaliana</i> . <i>Science</i> , 2007, 317, 338-342.	12.6	689
3	Adaptation to Climate Across the <i>Arabidopsis thaliana</i> Genome. <i>Science</i> , 2011, 334, 83-86.	12.6	636
4	An <i>Arabidopsis</i> Example of Association Mapping in Structured Samples. <i>PLoS Genetics</i> , 2007, 3, e4.	3.5	625
5	Multiple reference genomes and transcriptomes for <i>Arabidopsis thaliana</i> . <i>Nature</i> , 2011, 477, 419-423.	27.8	593
6	Recombination and linkage disequilibrium in <i>Arabidopsis thaliana</i> . <i>Nature Genetics</i> , 2007, 39, 1151-1155.	21.4	497
7	Genome-wide patterns of genetic variation in worldwide <i>Arabidopsis thaliana</i> accessions from the RegMap panel. <i>Nature Genetics</i> , 2012, 44, 212-216.	21.4	476
8	Genome-Wide Association Mapping in <i>Arabidopsis</i> Identifies Previously Known Flowering Time and Pathogen Resistance Genes. <i>PLoS Genetics</i> , 2005, 1, e60.	3.5	378
9	A Genome-Wide Survey of R Gene Polymorphisms in <i>Arabidopsis</i> . <i>Plant Cell</i> , 2006, 18, 1803-1818.	6.6	309
10	A haplotype map of allohexaploid wheat reveals distinct patterns of selection on homoeologous genomes. <i>Genome Biology</i> , 2015, 16, 48.	8.8	216
11	The Evolution of Selfing in <i>Arabidopsis thaliana</i> . <i>Science</i> , 2007, 317, 1070-1072.	12.6	160
12	Heterogeneity of Microsatellite Mutations Within and Between Loci, and Implications for Human Demographic Histories. <i>Genetics</i> , 1998, 148, 1269-1284.	2.9	154
13	A Nonparametric Test Reveals Selection for Rapid Flowering in the <i>Arabidopsis</i> Genome. <i>PLoS Biology</i> , 2006, 4, e137.	5.6	118
14	Phylogenomic Analysis of a 55.1-kb 19-Gene Dataset Resolves a Monophyletic <i>Fusarium</i> that Includes the <i>Fusarium solani</i> Species Complex. <i>Phytopathology</i> , 2021, 111, 1064-1079.	2.2	107
15	Distribution of genetic variation within and among local populations of <i>Arabidopsis thaliana</i> over its species range. <i>Molecular Ecology</i> , 2006, 15, 1405-1418.	3.9	89
16	Molecular, genetic and evolutionary analysis of a paracentric inversion in <i>Arabidopsis thaliana</i> . <i>Plant Journal</i> , 2016, 88, 159-178.	5.7	81
17	A Method for Detecting Recent Selection in the Human Genome From Allele Age Estimates. <i>Genetics</i> , 2003, 165, 287-297.	2.9	60
18	Low Levels of Polymorphism in Genes That Control the Activation of Defense Response in <i>Arabidopsis thaliana</i> . <i>Genetics</i> , 2008, 178, 2031-2043.	2.9	57

#	ARTICLE	IF	CITATIONS
19	Sequence Variation and Haplotype Structure at the HumanHFE Locus. <i>Genetics</i> , 2002, 161, 1609-1623.	2.9	46
20	Genome Sequencing of Multiple Isolates Highlights Subtelomeric Genomic Diversity within <i>Fusarium fujikuroi</i> . <i>Genome Biology and Evolution</i> , 2015, 7, 3062-3069.	2.5	36
21	Unbiased K-mer Analysis Reveals Changes in Copy Number of Highly Repetitive Sequences During Maize Domestication and Improvement. <i>Scientific Reports</i> , 2017, 7, 42444.	3.3	16
22	Segregation of secondary metabolite biosynthesis in hybrids of <i>Fusarium fujikuroi</i> and <i>Fusarium proliferatum</i> . <i>Fungal Genetics and Biology</i> , 2012, 49, 567-577.	2.1	14
23	Fumonisin and Beauvericin Chemotypes and Genotypes of the Sister Species <i>Fusarium subglutinans</i> and <i>Fusarium temperatum</i> . <i>Applied and Environmental Microbiology</i> , 2020, 86, .	3.1	14
24	Climate change and plant health: designing research spillover from plant genomics for understanding the role of microbial communities. <i>Canadian Journal of Plant Pathology</i> , 2012, 34, 349-361.	1.4	11
25	Parental genetic distance and patterns in nonrandom mating and seed yield in predominately selfing <i>Arabidopsis thaliana</i> . <i>Plant Reproduction</i> , 2013, 26, 317-328.	2.2	11
26	Plant organ evolution revealed by phylotranscriptomics in <i>Arabidopsis thaliana</i> . <i>Scientific Reports</i> , 2017, 7, 7567.	3.3	11
27	Divergence and Gene Flow Between <i>Fusarium subglutinans</i> and <i>F. temperatum</i> Isolated from Maize in Argentina. <i>Phytopathology</i> , 2021, 111, 170-183.	2.2	3
28	Genome-wide association mapping in <i>Arabidopsis thaliana</i> identifies previously known genes responsible for variation in flowering time and pathogen resistance. <i>PLoS Genetics</i> , 2005, preprint, e60.	3.5	3