

Zoã« Migicovsky

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4277836/publications.pdf>

Version: 2024-02-01

41
papers

1,808
citations

304368

22
h-index

329751

37
g-index

55
all docs

55
docs citations

55
times ranked

2169
citing authors

#	ARTICLE	IF	CITATIONS
1	LinkImpute: Fast and Accurate Genotype Imputation for Nonmodel Organisms. <i>C3: Genes, Genomes, Genetics</i> , 2015, 5, 2383-2390.	0.8	407
2	Exploiting Wild Relatives for Genomics-assisted Breeding of Perennial Crops. <i>Frontiers in Plant Science</i> , 2017, 8, 460.	1.7	116
3	Genome to Phenome Mapping in Apple Using Historical Data. <i>Plant Genome</i> , 2016, 9, plantgenome2015.11.0113.	1.6	102
4	Patterns of genomic and phenomic diversity in wine and table grapes. <i>Horticulture Research</i> , 2017, 4, 17035.	2.9	87
5	Apple whole genome sequences: recent advances and new prospects. <i>Horticulture Research</i> , 2019, 6, 59.	2.9	77
6	Genome-Wide Association Studies in Apple Reveal Loci for Aroma Volatiles, Sugar Composition, and Harvest Date. <i>Plant Genome</i> , 2019, 12, 180104.	1.6	70
7	Epigenetic Memory in Mammals. <i>Frontiers in Genetics</i> , 2011, 2, 28.	1.1	67
8	Transgenerational phenotypic and epigenetic changes in response to heat stress in <i>Arabidopsis thaliana</i> . <i>Plant Signaling and Behavior</i> , 2014, 9, e27971.	1.2	66
9	Topological Data Analysis as a Morphometric Method: Using Persistent Homology to Demarcate a Leaf Morphospace. <i>Frontiers in Plant Science</i> , 2018, 9, 553.	1.7	62
10	Genomic consequences of apple improvement. <i>Horticulture Research</i> , 2021, 8, 9.	2.9	53
11	Transgenerational adaptation to heavy metal salts in <i>Arabidopsis</i> . <i>Frontiers in Plant Science</i> , 2011, 2, 91.	1.7	52
12	Genome-wide association studies in apple reveal loci of large effect controlling apple polyphenols. <i>Horticulture Research</i> , 2019, 6, 107.	2.9	50
13	LinkImputeR: user-guided genotype calling and imputation for non-model organisms. <i>BMC Genomics</i> , 2017, 18, 523.	1.2	48
14	Morphometrics Reveals Complex and Heritable Apple Leaf Shapes. <i>Frontiers in Plant Science</i> , 2017, 8, 2185.	1.7	46
15	Prediction of Cacao (<i>Theobroma cacao</i>) Resistance to <i>Moniliophthora</i> spp. Diseases via Genome-Wide Association Analysis and Genomic Selection. <i>Frontiers in Plant Science</i> , 2018, 9, 343.	1.7	43
16	Genomic ancestry estimation quantifies use of wild species in grape breeding. <i>BMC Genomics</i> , 2016, 17, 478.	1.2	40
17	Rootstock effects on scion phenotypes in a "Chambourcin"™ experimental vineyard. <i>Horticulture Research</i> , 2019, 6, 64.	2.9	37
18	Population structure, relatedness and ploidy levels in an apple gene bank revealed through genotyping-by-sequencing. <i>PLoS ONE</i> , 2018, 13, e0201889.	1.1	35

#	ARTICLE	IF	CITATIONS
19	Using Living Germplasm Collections to Characterize, Improve, and Conserve Woody Perennials. <i>Crop Science</i> , 2019, 59, 2365-2380.	0.8	33
20	Changes to DNA methylation and homologous recombination frequency in the progeny of stressed plants. <i>Biochemistry and Cell Biology</i> , 2013, 91, 1-5.	0.9	30
21	Composite modeling of leaf shape along shoots discriminates <i>Vitis</i> species better than individual leaves. <i>Applications in Plant Sciences</i> , 2020, 8, e11404.	0.8	29
22	Apple Ripening Is Controlled by a NAC Transcription Factor. <i>Frontiers in Genetics</i> , 2021, 12, 671300.	1.1	29
23	Vein-to-vein blade ratio is an allometric indicator of leaf size and plasticity. <i>American Journal of Botany</i> , 2021, 108, 571-579.	0.8	28
24	Cannabis labelling is associated with genetic variation in terpene synthase genes. <i>Nature Plants</i> , 2021, 7, 1330-1334.	4.7	22
25	Transgenerational changes in plant physiology and in transposon expression in response to UV-C stress in <i>Arabidopsis thaliana</i> . <i>Plant Signaling and Behavior</i> , 2014, 9, e976490.	1.2	20
26	Quantifying apple diversity: A phenomic characterization of Canada's Apple Biodiversity Collection. <i>Plants People Planet</i> , 2021, 3, 747-760.	1.6	20
27	Grapevine rootstocks affect growth-related scion phenotypes. <i>Plant Direct</i> , 2021, 5, e00324.	0.8	17
28	Comparative Analysis of Perennial and Annual Phaseolus Seed Nutrient Concentrations. <i>Sustainability</i> , 2019, 11, 2787.	1.6	12
29	Multi-dimensional leaf phenotypes reflect root system genotype in grafted grapevine over the growing season. <i>GigaScience</i> , 2021, 10, .	3.3	11
30	Transgenerational inheritance of epigenetic response to cold in <i>Arabidopsis thaliana</i> . <i>Biocatalysis and Agricultural Biotechnology</i> , 2015, 4, 1-10.	1.5	10
31	Genome-Wide Association Study Reveals a Genomic Region Associated with Mite-Recruitment Phenotypes in the Domesticated Grapevine (<i>Vitis vinifera</i>). <i>Genes</i> , 2021, 12, 1013.	1.0	8
32	Epigenetic Modifications during Angiosperm Gametogenesis. <i>Frontiers in Plant Science</i> , 2012, 3, 20.	1.7	7
33	A Characterization of a Cool-Climate Organic Vineyard's Microbiome. <i>Phytobiomes Journal</i> , 2022, 6, 69-82.	1.4	7
34	Phenotypic divergence between the cultivated apple (<i>Malus domestica</i>) and its primary wild progenitor (<i>Malus sieversii</i>). <i>PLoS ONE</i> , 2022, 17, e0250751.	1.1	7
35	Saltmarsh rhizosphere fungal communities vary by sediment type and dominant plant species cover in Nova Scotia, Canada. <i>Environmental Microbiology Reports</i> , 2021, 13, 458-463.	1.0	6
36	Increases in vein length compensate for leaf area lost to lobing in grapevine. <i>American Journal of Botany</i> , 2022, 109, 1063-1073.	0.8	5

#	ARTICLE	IF	CITATIONS
37	Cider and dessert apples: What is the difference?. <i>Plants People Planet</i> , 0, , .	1.6	4
38	Tasting improvement in fruit flavor using genomics. <i>New Phytologist</i> , 2020, 226, 1539-1540.	3.5	2
39	An inventory of crop wild relatives and wildâ€utilized plants in Canada. <i>Crop Science</i> , 0, , .	0.8	2
40	Fungal symbionts of endangered <i>Crocianthemum canadense</i> (Cistaceae) in Nova Scotia. <i>Botany</i> , 2021, 99, 403-419.	0.5	1
41	Modeling Early Indicators of Grapevine Physiology Using Hyperspectral Imaging and Partial Least Squares Regression (PLSR). , 2020, , .		0