

Iago Hale

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

2,100
citations

623734

14
h-index

526287

27
g-index

29
all docs

29
docs citations

29
times ranked

2960
citing authors

#	ARTICLE	IF	CITATIONS
1	Wild emmer genome architecture and diversity elucidate wheat evolution and domestication. <i>Science</i> , 2017, 357, 93-97.	12.6	781
2	Durum wheat genome highlights past domestication signatures and future improvement targets. <i>Nature Genetics</i> , 2019, 51, 885-895.	21.4	576
3	GBS-SNP-CROP: a reference-optional pipeline for SNP discovery and plant germplasm characterization using variable length, paired-end genotyping-by-sequencing data. <i>BMC Bioinformatics</i> , 2016, 17, 29.	2.6	109
4	Identification and characterization of Rht25, a locus on chromosome arm 6AS affecting wheat plant height, heading time, and spike development. <i>Theoretical and Applied Genetics</i> , 2018, 131, 2021-2035.	3.6	94
5	Mapping a region within the 1RS.1BL translocation in common wheat affecting grain yield and canopy water status. <i>Theoretical and Applied Genetics</i> , 2014, 127, 2695-2709.	3.6	92
6	The role of genetics in mainstreaming the production of new and orphan crops to diversify food systems and support human nutrition. <i>New Phytologist</i> , 2019, 224, 37-54.	7.3	75
7	Enhancing African orphan crops with genomics. <i>Nature Genetics</i> , 2020, 52, 356-360.	21.4	63
8	A roadmap for breeding orphan leafy vegetable species: a case study of <i>Gynandropsis gynandra</i> (Cleomaceae). <i>Horticulture Research</i> , 2018, 5, 2.	6.3	54
9	QTLs for uniform grain dimensions and germination selected during wheat domestication are co-located on chromosome 4B. <i>Theoretical and Applied Genetics</i> , 2016, 129, 1303-1315.	3.6	37
10	Genome Based Meta-QTL Analysis of Grain Weight in Tetraploid Wheat Identifies Rare Alleles of GRF4 Associated with Larger Grains. <i>Genes</i> , 2018, 9, 636.	2.4	37
11	Genotyping of U.S. Wheat Germplasm for Presence of Stem Rust Resistance Genes <i>Sr24</i> , <i>Sr36</i> and <i>Sr1RS</i> ^{Amigo} . <i>Crop Science</i> , 2010, 50, 668-675.	1.8	36
12	Wheat domestication in light of haplotype analyses of the Brittle rachis 1 genes (BTR1-A and BTR1-B). <i>Plant Science</i> , 2019, 285, 193-199.	3.6	23
13	A Vavilovian approach to discovering crop-associated microbes with potential to enhance plant immunity. <i>Frontiers in Plant Science</i> , 2014, 5, 492.	3.6	22
14	A Scale-Explicit Framework for Conceptualizing the Environmental Impacts of Agricultural Land Use Changes. <i>Sustainability</i> , 2014, 6, 8432-8451.	3.2	14
15	GBS-Based Deconvolution of the Surviving North American Collection of Cold-Hardy Kiwifruit (<i>Actinidia</i> spp.) Germplasm. <i>PLoS ONE</i> , 2017, 12, e0170580.	2.5	14
16	The Independent Domestication of Timopheev's Wheat: Insights from Haplotype Analysis of the Brittle rachis 1 (BTR1-A) Gene. <i>Genes</i> , 2021, 12, 338.	2.4	11
17	Genomic Resources to Guide Improvement of the Shea Tree. <i>Frontiers in Plant Science</i> , 2021, 12, 720670.	3.6	11
18	â€˜apparentâ€™: a simple and flexible R package for accurate SNP-based parentage analysis in the absence of guiding information. <i>BMC Bioinformatics</i> , 2019, 20, 108.	2.6	8

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19	Expanded functionality, increased accuracy, and enhanced speed in the <i>de novo</i> genotyping-by-sequencing pipeline GBS-SNP-CROP. <i>Bioinformatics</i> , 2019, 35, 1783-1785.	4.1	8
20	An interspecific barberry hybrid enables genetic dissection of non-host resistance to the stem rust pathogen <i>Puccinia graminis</i> . <i>Journal of Experimental Botany</i> , 2018, 69, 2483-2493.	4.8	5
21	Mapping non-host resistance to the stem rust pathogen in an interspecific barberry hybrid. <i>BMC Plant Biology</i> , 2019, 19, 319.	3.6	5
22	<i>Lepidium latifolium</i> (Brassicaceae): Invasive perennial Pepperweed observed in Rhode Island. <i>Rhodora</i> , 2016, 118, 229-231.	0.1	4
23	Georeferenced phylogenetic analysis of a global collection of wild and cultivated <i>Citrullus</i> species. <i>Ecology and Evolution</i> , 2021, 11, 1918-1936.	1.9	4
24	“Systems approach” plant breeding illustrated by trees. <i>Trends in Plant Science</i> , 2022, 27, 158-165.	8.8	4
25	<i>Actinidia arguta</i> (Actinidiaceae): A new record of a naturalized introduction in Connecticut. <i>Rhodora</i> , 2014, 116, 352-355.	0.1	3
26	The Occurrence of Hybrid Barberry, <i>Berberis</i> <i>—</i> <i>Ottawensis</i> (Berberidaceae), in New Hampshire and Rhode Island. <i>Rhodora</i> , 2015, 117, 384-387.	0.1	3
27	Occurrence of Knotweed Hybrid, <i>Fallopia</i> <i>—</i> <i>bohemica</i> (Polygonaceae) in New Hampshire. <i>Rhodora</i> , 2018, 120, 87-88.	0.1	0