Robert Henry

List of Publications by Year
in descending order

58	2,217	304743	233421
papers	citations	22 h-index	45 g-index

60	60	60	2931
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Genomes of 13 domesticated and wild rice relatives highlight genetic conservation, turnover and innovation across the genus Oryza. Nature Genetics, 2018, 50, 285-296.	21.4	413
2	A mosaic monoploid reference sequence for the highly complex genome of sugarcane. Nature Communications, 2018, 9, 2638.	12.8	299
3	Global agricultural intensification during climate change: a role for genomics. Plant Biotechnology Journal, 2016, 14, 1095-1098.	8.3	221
4	Thirty-three years of 2-acetyl-1-pyrroline, a principal basmati aroma compound in scented rice (Oryza sativaL.): a status review. Journal of the Science of Food and Agriculture, 2017, 97, 384-395.	3.5	123
5	The Sugarcane Genome Challenge: Strategies for Sequencing a Highly Complex Genome. Tropical Plant Biology, 2011, 4, 145-156.	1.9	91
6	Interaction of Apoprotein from Porcine High-Density Lipoprotein with Dimyristoyl Lecithin. 2. Nature of Lipid-Protein Interaction. FEBS Journal, 1976, 64, 549-563.	0.2	75
7	Analysis of grape ESTs: global gene expression patterns in leaf and berry. Plant Science, 2000, 159, 87-95.	3.6	64
8	Improving rice salt tolerance by precision breeding in a new era. Current Opinion in Plant Biology, 2021, 60, 101996.	7.1	61
9	Genes associated with the end of dormancy in grapes. Functional and Integrative Genomics, 2003, 3, 144-152.	3.5	56
10	Sequencing of bulks of segregants allows dissection of genetic control of amylose content in rice. Plant Biotechnology Journal, 2018, 16, 100-110.	8.3	52
11	SAGE of the developing wheat caryopsis. Plant Biotechnology Journal, 2007, 5, 69-83.	8.3	49
12	Measurement of genetic and environmental variation in barley (Hordeum vulgare) grain hardness. Journal of Cereal Science, 2007, 46, 82-92.	3.7	44
13	Eucalypts as a biofuel feedstock. Biofuels, 2011, 2, 639-657.	2.4	40
14	The Interaction of Apoprotein from Porcine High-Density Lipoprotein with Dimyristoyl Phosphatidylcholine. FEBS Journal, 1974, 48, 583-594.	0.2	38
15	Single-nucleotide polymorphism detection in plants using a single-stranded pyrosequencing protocol with a universal biotinylated primer. Analytical Biochemistry, 2003, 317, 166-170.	2.4	38
16	Abundant transcripts of malting barley identified by serial analysis of gene expression (SAGE). Plant Biotechnology Journal, 2006, 4, 289-301.	8.3	37
17	Measurement of green fluorescent protein concentration in single cells by image analysis. Analytical Biochemistry, 2002, 310, 84-92.	2.4	35
18	Selecting for increased barley grain size. Journal of Cereal Science, 2006, 43, 198-208.	3.7	34

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19	Structural and Chemical Characterization of Hardwood from Tree Species with Applications as Bioenergy Feedstocks. PLoS ONE, 2012, 7, e52820.	2.5	32
20	Transcriptome profiling of wheat genotypes under heat stress during grain-filling. Journal of Cereal Science, 2020, 91, 102895.	3.7	32
21	Mapping species differences for adventitious rooting in a Corymbia torelliana Ã— Corymbia citriodora subspecies variegata hybrid. Tree Genetics and Genomes, 2008, 4, 715-725.	1.6	28
22	The promoter of the asi gene directs expression in the maternal tissues of the seed in transgenic barley. Plant Molecular Biology, 2003, 52, 787-800.	3.9	26
23	Genome-wide association studies for yield component traits in a macadamia breeding population. BMC Genomics, 2020, 21, 199.	2.8	25
24	New tools for single nucleotide polymorphism (SNP) discovery and analysis accelerating plant biotechnology. Plant Biotechnology Journal, 2009, 7, 311-311.	8.3	22
25	Branch architecture QTL for Pinus elliottii var. elliottii ï¿½ Pinus caribaea var. hondurensis hybrids. Annals of Forest Science, 2002, 59, 617-625.	2.0	21
26	Isolation of genes involved in secondary metabolism from Melaleuca alternifolia (Cheel) using expressed sequence tags (ESTs). Plant Science, 2002, 162, 9-15.	3.6	21
27	Supporting in situ conservation of the genetic diversity of crop wild relatives using genomic technologies. Molecular Ecology, 2022, 31, 2207-2222.	3.9	20
28	Isolation and partial characterisation of a putative monoterpene synthase from Melaleuca alternifolia. Plant Physiology and Biochemistry, 2004, 42, 875-882.	5.8	16
29	Congruence in QTL for adventitious rooting in Pinus elliottiiâ€‰Ã—â€‰Pinus caribaea hybrids resolves between and within-species effects. Molecular Breeding, 2006, 18, 11-28.	2.1	16
30	Assessing for genetic and environmental effects on ruminant feed quality in barley (Hordeum) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 302	1.2	15
31	Is Malting Barley Better Feed for Cattle than Feed Barley?. Journal of the Institute of Brewing, 2009, 115, 95-104.	2.3	15
32	Analysis of adaptive ribosomal gene diversity in wild plant populations from contrasting climatic environments. Plant Signaling and Behavior, 2012, 7, 602-604.	2.4	15
33	Genetics and Genomics of African Rice (Oryza glaberrima Steud) Domestication. Rice, 2021, 14, 6.	4.0	13
34	Phylogenetic relationships in the Sorghum genus based on sequencing of the chloroplast and nuclear genes. Plant Genome, 2021, 14, e20123.	2.8	13
35	DNA banks and their role in facilitating the application of genomics to plant germplasm. Plant Genetic Resources: Characterisation and Utilisation, 2006, 4, 64-70.	0.8	11
36	Grain physical characteristic of the Australian wild rices. Plant Genetic Resources: Characterisation and Utilisation, 2017, 15, 409-420.	0.8	10

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37	Advances in Molecular Genetics and Genomics of African Rice (Oryza glaberrima Steud). Plants, 2019, 8, 376.	3.5	10
38	Identification of the creatine binding domain of creatine kinase by photoaffinity labeling. BBA - Proteins and Proteomics, 1998, 1387, 80-88.	2.1	9
39	Synthesis and Differential Properties of Creatine Analogues as Inhibitors for Human Creatine Kinase Isoenzymes. FEBS Journal, 1996, 238, 446-452.	0.2	8
40	Differential LongSAGE tag abundance analysis in a barley seed germination time course and validation with relative real-time RT-PCR. Plant Science, 2008, 175, 858-867.	3.6	8
41	Segregation Distortion Observed in the Progeny of Crosses Between Oryza sativa and O. meridionalis Caused by Abortion During Seed Development. Plants, 2019, 8, 398.	3.5	8
42	Cyanogenesis in the Sorghum Genus: From Genotype to Phenotype. Genes, 2022, 13, 140.	2.4	7
43	Genetics of physical wood properties and early growth in a tropical pine hybrid. Canadian Journal of Forest Research, 2003, 33, 1923-1932.	1.7	6
44	DIFFERENTIAL RESPONSE OF WHEAT GENOTYPES TO HEAT STRESS DURING GRAIN FILLING. Experimental Agriculture, 2019, 55, 818-827.	0.9	6
45	N-Dibenzylphospho-Nâ€²-3-(2,6-dichlorophenyl)propyl-guanidine is a bisubstrate-analog for creatine kinase. BBA - Proteins and Proteomics, 1997, 1342, 83-89.	2.1	5
46	The role of plant biotechnology in bio-energy production. Plant Biotechnology Journal, 2010, 8, 243-243.	8.3	5
47	Comparison of Chapatti and Breadmaking Quality of Wheat Genotypes. Cereal Chemistry, 2017, 94, 409-416.	2.2	5
48	Relationships between Iraqi Rice Varieties at the Nuclear and Plastid Genome Levels. Plants, 2019, 8, 481.	3.5	5
49	Potential of Genome Editing to Capture Diversity From Australian Wild Rice Relatives. Frontiers in Genome Editing, 2022, 4, 875243.	5.2	3
50	Dichloroaromatic phosphoguanidines are potent inhibitors but very poor substrates for cytosolic creatine kinase. Biochimica Et Biophysica Acta - Molecular Cell Research, 1997, 1357, 49-56.	4.1	2
51	Genomics Strategies for Germplasm Characterization and the Development of Climate Resilient Crops. , 2016, , 3-10.		2
52	Genomics for Bioenergy Production. , 2012, , 21-29.		2
53	New Hybrid Spikelet Sterility Gene Found in Interspecific Cross between Oryza sativa and O. meridionalis. Plants, 2022, 11, 378.	3.5	2
54	Reticulate Evolution in AA-Genome Wild Rice in Australia. Frontiers in Plant Science, 2022, 13, 767635.	3.6	2

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55	Plant Genetic Resources. , 2017, , 15-29.		1
56	Wheat Grain Transcriptome. , 2021, , 501-512.		0
57	Identification of genes associated with chapatti quality using transcriptome analysis. Journal of Cereal Science, 2021, 101, 103276.	3.7	0
58	An Overview of Advances in Plant Genomics in the New Millennium. , 2010, , 1-23.		0