

Huw Dylan Jones

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

2,319
citations

331259

21
h-index

580395

25
g-index

28
all docs

28
docs citations

28
times ranked

3202
citing authors

#	ARTICLE	IF	CITATIONS
1	Control of flowering time in temperate cereals: genes, domestication, and sustainable productivity. <i>Journal of Experimental Botany</i> , 2007, 58, 1231-1244.	2.4	422
2	Population-Based Resequencing Reveals That the Flowering Time Adaptation of Cultivated Barley Originated East of the Fertile Crescent. <i>Molecular Biology and Evolution</i> , 2008, 25, 2211-2219.	3.5	219
3	Interactions of the developmental regulator ABI3 with proteins identified from developing <i>Arabidopsis</i> seeds. <i>Plant Journal</i> , 2000, 21, 143-155.	2.8	210
4	Increased SBPase activity improves photosynthesis and grain yield in wheat grown in greenhouse conditions. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2017, 372, 20160384.	1.8	193
5	Wheat transformation: current technology and applications to grain development and composition. <i>Journal of Cereal Science</i> , 2005, 41, 137-147.	1.8	151
6	Expression of antisense SnRK1 protein kinase sequence causes abnormal pollen development and male sterility in transgenic barley. <i>Plant Journal</i> , 2002, 28, 431-441.	2.8	131
7	Down-Regulation of the <i>CSLF6</i> Gene Results in Decreased (1,3;1,4)- β -D-Glucan in Endosperm of Wheat. <i>Plant Physiology</i> , 2010, 152, 1209-1218.	2.3	110
8	RNAi-based biocontrol compounds: current status and perspectives to reach the market. <i>Pest Management Science</i> , 2020, 76, 841-845.	1.7	110
9	The Genetic Basis and Nutritional Benefits of Pigmented Rice Grain. <i>Frontiers in Genetics</i> , 2020, 11, 229.	1.1	108
10	Agrobacterium-mediated transformation of durum wheat (<i>Triticum turgidum</i> L. var. durum cv) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 382	2.4	97
11	RNAi: What is its position in agriculture?. <i>Journal of Pest Science</i> , 2020, 93, 1125-1130.	1.9	84
12	Latitudinal variation in a photoperiod response gene in European barley: insight into the dynamics of agricultural spread from "historic" specimens. <i>Journal of Archaeological Science</i> , 2009, 36, 1092-1098.	1.2	57
13	Milling and baking properties of field grown wheat expressing HMW subunit transgenes. <i>Journal of Cereal Science</i> , 2003, 38, 301-306.	1.8	55
14	Identifying potential RNAi targets in grain aphid (<i>Sitobion avenae</i> F.) based on transcriptome profiling of its alimentary canal after feeding on wheat plants. <i>BMC Genomics</i> , 2013, 14, 560.	1.2	54
15	Barley heads east: Genetic analyses reveal routes of spread through diverse Eurasian landscapes. <i>PLoS ONE</i> , 2018, 13, e0196652.	1.1	54
16	Phylogeographic analysis of barley DNA as evidence for the spread of Neolithic agriculture through Europe. <i>Journal of Archaeological Science</i> , 2012, 39, 3230-3238.	1.2	43
17	Evaluation of diagnostic molecular markers for DUS phenotypic assessment in the cereal crop, barley (<i>Hordeum vulgare</i> ssp. vulgare L.). <i>Theoretical and Applied Genetics</i> , 2012, 125, 1735-1749.	1.8	42
18	Silencing an essential gene involved in infestation and digestion in grain aphid through plant-mediated RNA interference generates aphid-resistant wheat plants. <i>Plant Biotechnology Journal</i> , 2019, 17, 852-854.	4.1	38

#	ARTICLE	IF	CITATIONS
19	Flanking SNP markers for vicineâ€“convicine concentration in faba bean (<i>Vicia faba</i> L.). <i>Molecular Breeding</i> , 2015, 35, 1.	1.0	36
20	A baseline study of vicineâ€“convicine levels in faba bean (<i>Vicia faba</i> L.) germplasm. <i>Plant Genetic Resources: Characterisation and Utilisation</i> , 2013, 11, 250-257.	0.4	35
21	Analysis of DNA polymorphism in ancient barley herbarium material: Validation of the KASP SNP genotyping platform. <i>Taxon</i> , 2013, 62, 779-789.	0.4	21
22	The trans-Eurasian crop exchange in prehistory: Discerning pathways from barley phylogeography. <i>Quaternary International</i> , 2016, 426, 26-32.	0.7	19
23	Using diversity of the chloroplast genome to examine evolutionary history of wheat species. <i>Genetic Resources and Crop Evolution</i> , 2013, 60, 1831-1842.	0.8	12
24	Exploring the genetic diversity within traditional Philippine pigmented Rice. <i>Rice</i> , 2019, 12, 27.	1.7	12
25	Variety Protection and Plant Breedersâ€™ Rights in the â€“DNA Eraâ€™. , 2013, , 369-402.		5
26	Can Biotechnology and Genomics Offer Better Routes to Crop Protection?. <i>Outlooks on Pest Management</i> , 2004, 15, 217-221.	0.1	0
27	Advances in Transformation Technologies. , 2006, , 69-90.		0