

Yong Han

List of Publications by Year in descending order

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28
papers

2,159
citations

516710

16
h-index

526287

27
g-index

28
all docs

28
docs citations

28
times ranked

3260
citing authors

#	ARTICLE	IF	CITATIONS
1	CRISPR/Cas9 gene editing and natural variation analysis demonstrate the potential for <i>HvARE1</i> in improvement of nitrogen use efficiency in barley. <i>Journal of Integrative Plant Biology</i> , 2022, 64, 756-770.	8.5	27
2	Swiftly Evolving CRISPR Genome Editing: A Revolution in Genetic Engineering for Developing Stress-Resilient Crops. <i>Current Chinese Science</i> , 2022, 2, 382-399.	0.5	2
3	Highly efficient and genotype-independent barley gene editing based on anther culture. <i>Plant Communications</i> , 2021, 2, 100082.	7.7	40
4	Using chlorate as an analogue to nitrate to identify candidate genes for nitrogen use efficiency in barley. <i>Molecular Breeding</i> , 2021, 41, 1.	2.1	4
5	Quantitative Trait Loci Mapping for Vigour and Survival Traits of Barley Seedlings after Germinating under Salinity Stress. <i>Agronomy</i> , 2021, 11, 103.	3.0	13
6	NHX-Type Na ⁺ /H ⁺ Antiporter Gene Expression Under Different Salt Levels and Allelic Diversity of HvNHX in Wild and Cultivated Barleys. <i>Frontiers in Genetics</i> , 2021, 12, 809988.	2.3	8
7	Fine-mapping and characterisation of genes on barley (<i>Hordeum vulgare</i>) chromosome 2H for salinity stress tolerance during germination. <i>Crop Journal</i> , 2021, , .	5.2	2
8	The HKT Transporter HvHKT1;5 Negatively Regulates Salt Tolerance. <i>Plant Physiology</i> , 2020, 182, 584-596.	4.8	57
9	Genome-Wide Association Study and Identification of Candidate Genes for Nitrogen Use Efficiency in Barley (<i>Hordeum vulgare</i> L.). <i>Frontiers in Plant Science</i> , 2020, 11, 571912.	3.6	23
10	Advances in Understanding the Molecular Mechanisms and Potential Genetic Improvement for Nitrogen Use Efficiency in Barley. <i>Agronomy</i> , 2020, 10, 662.	3.0	16
11	Genome-Wide Association Study of Salinity Tolerance During Germination in Barley (<i>Hordeum vulgare</i>) Tj ETQq1 1 0.784314.rgBT /Over	3.6	19
12	Salinity tolerance in barley during germination—homologs and potential genes. <i>Journal of Zhejiang University: Science B</i> , 2020, 21, 93-121.	2.8	30
13	Strategies to breed sterile leucaena for Western Australia. <i>Tropical Grasslands - Forrajes Tropicales</i> , 2019, 7, 80-86.	0.5	2
14	Overexpression of HvCBF7 and HvCBF9 changes salt and drought tolerance in Arabidopsis. <i>Plant Growth Regulation</i> , 2018, 85, 281-292.	3.4	6
15	A Sodium Transporter HvHKT1;1 Confers Salt Tolerance in Barley via Regulating Tissue and Cell Ion Homeostasis. <i>Plant and Cell Physiology</i> , 2018, 59, 1976-1989.	3.1	66
16	A chromosome conformation capture ordered sequence of the barley genome. <i>Nature</i> , 2017, 544, 427-433.	27.8	1,365
17	Construction of a map-based reference genome sequence for barley, <i>Hordeum vulgare</i> L.. <i>Scientific Data</i> , 2017, 4, 170044.	5.3	130
18	Difference in physiological and biochemical responses to salt stress between Tibetan wild and cultivated barleys. <i>Acta Physiologiae Plantarum</i> , 2015, 37, 1.	2.1	9

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19	Identification of the proteins associated with low potassium tolerance in cultivated and Tibetan wild barley. <i>Journal of Proteomics</i> , 2015, 126, 1-11.	2.4	44
20	Towards plant salinity tolerance-implications from ion transporters and biochemical regulation. <i>Plant Growth Regulation</i> , 2015, 76, 13-23.	3.4	32
21	Genetic architecture of limit dextrinase inhibitor (LDI) activity in Tibetan wild barley. <i>BMC Plant Biology</i> , 2014, 14, 117.	3.6	12
22	The influence of salinity on cell ultrastructures and photosynthetic apparatus of barley genotypes differing in salt stress tolerance. <i>Acta Physiologiae Plantarum</i> , 2014, 36, 1261-1269.	2.1	30
23	Identification of proteins associated with ion homeostasis and salt tolerance in barley. <i>Proteomics</i> , 2014, 14, 1381-1392.	2.2	50
24	The differences in physiological responses, ultrastructure changes, and Na ⁺ subcellular distribution under salt stress among the barley genotypes differing in salt tolerance. <i>Acta Physiologiae Plantarum</i> , 2014, 36, 2397-2407.	2.1	13
25	Differential changes in grain ultrastructure, amylase, protein and amino acid profiles between Tibetan wild and cultivated barleys under drought and salinity alone and combined stress. <i>Food Chemistry</i> , 2013, 141, 2743-2750.	8.2	66
26	Genetic variants of HvGlb1 in Tibetan annual wild barley and cultivated barley and their correlation with malt quality. <i>Journal of Cereal Science</i> , 2011, 53, 59-64.	3.7	18
27	Genotypic differences in callus induction and plant regeneration from mature embryos of barley (<i>Hordeum vulgare</i> L.). <i>Journal of Zhejiang University: Science B</i> , 2011, 12, 399-407.	2.8	20
28	Biosafety of RNA silencing and genome editing technologies in crop plants: Malaysian and Australian research perspectives. <i>Asia-Pacific Journal of Molecular Biology and Biotechnology</i> , 0, , 64-69.	0.1	1