

Peng Xu

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

265
citations

1163117

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996975

15
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all docs

17
docs citations

17
times ranked

210
citing authors

#	ARTICLE	IF	CITATIONS
1	<scp> <i>Oryza sativa</i> </scp> POSITIVE REGULATOR OF IRON DEFICIENCY RESPONSE 2 (OsPRI2) and OsPRI3 are involved in the maintenance of Fe homeostasis. <i>Plant, Cell and Environment</i> , 2020, 43, 261-274.	5.7	55
2	Insights into angiosperm evolution, floral development and chemical biosynthesis from the <i>Aristolochia fimbriata</i> genome. <i>Nature Plants</i> , 2021, 7, 1239-1253.	9.3	51
3	Microbial Diversity of Upland Rice Roots and Their Influence on Rice Growth and Drought Tolerance. <i>Microorganisms</i> , 2020, 8, 1329.	3.6	37
4	Mapping three new interspecific hybrid sterile loci between <i>Oryza sativa</i> and <i>O. glaberrima</i>. <i>Breeding Science</i> , 2014, 63, 476-482.	1.9	32
5	The <i>Chrysanthemum lavandulifolium</i> genome and the molecular mechanism underlying diverse capitulum types. <i>Horticulture Research</i> , 2022, 9, .	6.3	24
6	Mapping and breeding value evaluation of a semi-dominant semi-dwarf gene in upland rice. <i>Plant Diversity</i> , 2018, 40, 238-244.	3.7	13
7	Cellular alterations and crosstalk in the osteochondral joint in osteoarthritis and promising therapeutic strategies. <i>Connective Tissue Research</i> , 2021, 62, 709-719.	2.3	10
8	Neutral alleles at hybrid sterility loci of <i>Oryza glaberrima</i> from AA genome relatives in Genus <i>Oryza</i>. <i>Breeding Science</i> , 2018, 68, 343-351.	1.9	8
9	Environmental adaptation of the root microbiome in two rice ecotypes. <i>Microbiological Research</i> , 2020, 241, 126588.	5.3	8
10	Metabolomics and microbiome reveal potential root microbiota affecting the alkaloidal metabolome in <i>Aconitum vilmorinianum</i> Kom.. <i>BMC Microbiology</i> , 2022, 22, 70.	3.3	8
11	Identification and Validation of Aerobic Adaptation QTLs in Upland Rice. <i>Life</i> , 2020, 10, 65.	2.4	7
12	The Genome of Opium Poppy Reveals Evolutionary History of Morphinan Pathway. <i>Genomics, Proteomics and Bioinformatics</i> , 2018, 16, 460-462.	6.9	5
13	A hybrid sterile locus leads to the linkage drag of interspecific hybrid progenies. <i>Plant Diversity</i> , 2020, 42, 370-375.	3.7	3
14	Characterization of genes responsive to aerobic conditions by transcriptomic and genomic analyses of upland rice. <i>Plant Growth Regulation</i> , 2020, 91, 289-303.	3.4	1
15	Identification and fine mapping of rtms1-D, a gene responsible for reverse thermosensitive genic male sterility from Diannong S-1X. <i>Plant Diversity</i> , 2021, 44, 213-221.	3.7	1
16	Genetic Dissection of Stem Branch Trait and Envisioning of Fixing Heterosis by Vegetative Reproduction in <i>Oryza rufipogon</i> . <i>Agronomy</i> , 2022, 12, 1503.	3.0	1