

Yi Bing Hu

List of Publications by Year in descending order

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17
papers

1,398
citations

759233

12
h-index

888059

17
g-index

18
all docs

18
docs citations

18
times ranked

1690
citing authors

#	ARTICLE	IF	CITATIONS
1	Essentiality for rice fertility and alternative splicing of OsSUT1. <i>Plant Science</i> , 2022, 314, 111065.	3.6	7
2	Overexpression of OsPHT1;4 Increases Phosphorus Utilization Efficiency and Improves the Agronomic Traits of Rice cv. Wuyunjing 7. <i>Agronomy</i> , 2022, 12, 1332.	3.0	2
3	Rice SUT and SWEET Transporters. <i>International Journal of Molecular Sciences</i> , 2021, 22, 11198.	4.1	27
4	Inhibition of OsSWEET11 function in mesophyll cells improves resistance of rice to sheath blight disease. <i>Molecular Plant Pathology</i> , 2018, 19, 2149-2161.	4.2	68
5	Using Phylogenetic Analysis to Investigate Eukaryotic Gene Origin. <i>Journal of Visualized Experiments</i> , 2018, . .	0.3	8
6	Essential Role of Sugar Transporter OsSWEET11 During the Early Stage of Rice Grain Filling. <i>Plant and Cell Physiology</i> , 2017, 58, 863-873.	3.1	174
7	Rice potassium transporter OsHAK1 is essential for maintaining potassium-mediated growth and functions in salt tolerance over low and high potassium concentration ranges. <i>Plant, Cell and Environment</i> , 2015, 38, 2747-2765.	5.7	242
8	The Role of a Potassium Transporter OsHAK5 in Potassium Acquisition and Transport from Roots to Shoots in Rice at Low Potassium Supply Levels. <i>Plant Physiology</i> , 2014, 166, 945-959.	4.8	286
9	Functional analyses of a putative plasma membrane Na ⁺ /H ⁺ antiporter gene isolated from salt tolerant <i>Helianthus tuberosus</i> . <i>Molecular Biology Reports</i> , 2014, 41, 5097-5108.	2.3	24
10	Functional role of oligomerization for bacterial and plant SWEET sugar transporter family. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, E3685-94.	7.1	233
11	Alteration of nutrient allocation and transporter genes expression in rice under N, P, K, and Mg deficiencies. <i>Acta Physiologiae Plantarum</i> , 2012, 34, 939-946.	2.1	58
12	Light restored root growth of <i>Arabidopsis</i> with constitutive ethylene response. <i>Acta Physiologiae Plantarum</i> , 2011, 33, 667-674.	2.1	5
13	ARAG1, an ABA-responsive DREB gene, plays a role in seed germination and drought tolerance of rice. <i>Annals of Botany</i> , 2010, 105, 401-409.	2.9	113
14	Proton pump OsA8 is linked to phosphorus uptake and translocation in rice. <i>Journal of Experimental Botany</i> , 2009, 60, 557-565.	4.8	43
15	Interactive effects of potassium and sodium on root growth and expression of K/Na transporter genes in rice. <i>Plant Growth Regulation</i> , 2009, 57, 271-280.	3.4	33
16	Overexpression of OsERF1, a novel rice ERF gene, up-regulates ethylene-responsive genes expression besides affects growth and development in <i>Arabidopsis</i> . <i>Journal of Plant Physiology</i> , 2008, 165, 1717-1725.	3.5	71
17	OsRAF is an ethylene responsive and root abundant factor gene of rice. <i>Plant Growth Regulation</i> , 2007, 54, 55-61.	3.4	4