

Zai Zheng

List of Publications by Year in descending order

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Version: 2024-02-01

8
papers

358
citations

1478505

6
h-index

1588992

8
g-index

10
all docs

10
docs citations

10
times ranked

545
citing authors

#	ARTICLE	IF	CITATIONS
1	Arabidopsis PHL2 and PHR1 Act Redundantly as the Key Components of the Central Regulatory System Controlling Transcriptional Responses to Phosphate Starvation. <i>Plant Physiology</i> , 2016, 170, 499-514.	4.8	155
2	Blue Light-Triggered Chemical Reactions Underlie Phosphate Deficiency-Induced Inhibition of Root Elongation of Arabidopsis Seedlings Grown in Petri Dishes. <i>Molecular Plant</i> , 2019, 12, 1515-1523.	8.3	73
3	Genetic Dissection of Fe-Dependent Signaling in Root Developmental Responses to Phosphate Deficiency. <i>Plant Physiology</i> , 2019, 179, 300-316.	4.8	72
4	Functional Characterization of Arabidopsis PHL4 in Plant Response to Phosphate Starvation. <i>Frontiers in Plant Science</i> , 2018, 9, 1432.	3.6	27
5	Functional Disruption of a Chloroplast Pseudouridine Synthase Desensitizes Arabidopsis Plants to Phosphate Starvation. <i>Frontiers in Plant Science</i> , 2017, 8, 1421.	3.6	14
6	Radical Mechanism of Laccase-Catalyzed Catechol Ring-Opening. <i>Wuli Huaxue Xuebao/ Acta Physico-Chimica Sinica</i> , 2017, 33, 620-626.	4.9	9
7	Identification and characterization of an Arabidopsis phosphate starvation-induced secreted acid phosphatase as a vegetative storage protein. <i>Plant Science</i> , 2018, 277, 278-284.	3.6	5
8	SIZ1 regulates phosphate deficiency-induced inhibition of primary root growth of Arabidopsis by modulating Fe accumulation and ROS production in its roots. <i>Plant Signaling and Behavior</i> , 2021, 16, 1946921.	2.4	3