

Longxing Tao

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5299143/publications.pdf>

Version: 2024-02-01

12
papers

579
citations

933447

10
h-index

1199594

12
g-index

12
all docs

12
docs citations

12
times ranked

552
citing authors

#	ARTICLE	IF	CITATIONS
1	Functions of Nitrogen, Phosphorus and Potassium in Energy Status and Their Influences on Rice Growth and Development. <i>Rice Science</i> , 2022, 29, 166-178.	3.9	37
2	Respiration, Rather Than Photosynthesis, Determines Rice Yield Loss Under Moderate High-Temperature Conditions. <i>Frontiers in Plant Science</i> , 2021, 12, 678653.	3.6	16
3	Effects of crop rotation systems on microbial structure under low N application in rice field. <i>Journal of Plant Nutrition</i> , 2020, 43, 500-511.	1.9	2
4	ATP Hydrolysis Determines Cold Tolerance by Regulating Available Energy for Glutathione Synthesis in Rice Seedling Plants. <i>Rice</i> , 2020, 13, 23.	4.0	21
5	Acid invertase confers heat tolerance in rice plants by maintaining energy homeostasis of spikelets. <i>Plant, Cell and Environment</i> , 2020, 43, 1273-1287.	5.7	39
6	Proteomic analysis of salicylic acid regulation of grain filling of two near-isogenic rice (<i>Oryza sativa</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	5.8	8
7	Abscisic Acid Negatively Modulates Heat Tolerance in Rolled Leaf Rice by Increasing Leaf Temperature and Regulating Energy Homeostasis. <i>Rice</i> , 2020, 13, 18.	4.0	51
8	Abscisic acid prevents pollen abortion under high-temperature stress by mediating sugar metabolism in rice spikelets. <i>Physiologia Plantarum</i> , 2019, 165, 644-663.	5.2	100
9	Abscisic acid synergizes with sucrose to enhance grain yield and quality of rice by improving the source-sink relationship. <i>BMC Plant Biology</i> , 2019, 19, 525.	3.6	40
10	Salicylic acid reverses pollen abortion of rice caused by heat stress. <i>BMC Plant Biology</i> , 2018, 18, 245.	3.6	60
11	Heat stress induces spikelet sterility in rice at anthesis through inhibition of pollen tube elongation interfering with auxin homeostasis in pollinated pistils. <i>Rice</i> , 2018, 11, 14.	4.0	98
12	Excessive nitrate enhances cadmium (Cd) uptake by up-regulating the expression of OsIRT1 in rice () Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	4.2	107