Longxing Tao

List of Publications by Year
in descending order

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

Version: 2024-02-01

12	579	933447 10	1199594 12
papers	citations	h-index	g-index

12	12	12	552
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Excessive nitrate enhances cadmium (Cd) uptake by up-regulating the expression of OsIRT1 in rice () Tj ETQq1 1 0.784314 rgBT /Over	4.2	107
2	Abscisic acid prevents pollen abortion under highâ€temperature stress by mediating sugar metabolism in rice spikelets. Physiologia Plantarum, 2019, 165, 644-663.	5.2	100
3	Heat stress induces spikelet sterility in rice at anthesis through inhibition of pollen tube elongation interfering with auxin homeostasis in pollinated pistils. Rice, 2018, 11, 14.	4.0	98
4	Salicylic acid reverses pollen abortion of rice caused by heat stress. BMC Plant Biology, 2018, 18, 245.	3.6	60
5	Abscisic Acid Negatively Modulates Heat Tolerance in Rolled Leaf Rice by Increasing Leaf Temperature and Regulating Energy Homeostasis. Rice, 2020, 13, 18.	4.0	51
6	Abscisic acid synergizes with sucrose to enhance grain yield and quality of rice by improving the source-sink relationship. BMC Plant Biology, 2019, 19, 525.	3.6	40
7	Acid invertase confers heat tolerance in rice plants by maintaining energy homoeostasis of spikelets. Plant, Cell and Environment, 2020, 43, 1273-1287.	5.7	39
8	Functions of Nitrogen, Phosphorus and Potassium in Energy Status and Their Influences on Rice Growth and Development. Rice Science, 2022, 29, 166-178.	3.9	37
9	ATP Hydrolysis Determines Cold Tolerance by Regulating Available Energy for Glutathione Synthesis in Rice Seedling Plants. Rice, 2020, 13, 23.	4.0	21
10	Respiration, Rather Than Photosynthesis, Determines Rice Yield Loss Under Moderate High-Temperature Conditions. Frontiers in Plant Science, 2021, 12, 678653.	3.6	16
11	Proteomic analysis of salicylic acid regulation of grain filling of two near-isogenic rice (Oryza sativa) Tj ETQq1 1 0.784314 rgBT /Overlo	5.8	8
12	Effects of crop rotation systems on microbial structure under low N application in rice field. Journal of Plant Nutrition, 2020, 43, 500-511.	1.9	2