

Feng Wang

List of Publications by Year in descending order

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Version: 2024-02-01

14
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#	ARTICLE	IF	CITATIONS
1	Pre-drought priming sustains grain development under post-anthesis drought stress by regulating the growth hormones in winter wheat (<i>Triticum aestivum</i> L.). <i>Planta</i> , 2017, 246, 509-524.	3.2	63
2	Adaptation to and recovery from drought stress at vegetative stages in wheat (<i>Triticum aestivum</i>) cultivars. <i>Functional Plant Biology</i> , 2016, 43, 1159.	2.1	50
3	Phosphorus-fertilisation has differential effects on leaf growth and photosynthetic capacity of <i>Arachis hypogaea</i> L.. <i>Plant and Soil</i> , 2020, 447, 99-116.	3.7	41
4	Adaptation to rhizosphere acidification is a necessary prerequisite for wheat (<i>Triticum aestivum</i> L.) seedling resistance to ammonium stress. <i>Plant Physiology and Biochemistry</i> , 2016, 108, 447-455.	5.8	27
5	Higher Atmospheric CO ₂ Levels Favor C ₃ Plants Over C ₄ Plants in Utilizing Ammonium as a Nitrogen Source. <i>Frontiers in Plant Science</i> , 2020, 11, 537443.	3.6	27
6	Low Nitrogen Priming Enhances Photosynthesis Adaptation to Water-Deficit Stress in Winter Wheat (<i>Triticum aestivum</i> L.) Seedlings. <i>Frontiers in Plant Science</i> , 2019, 10, 818.	3.6	23
7	Solar composting greenhouse for organic waste treatment in fed-batch mode: Physicochemical and microbiological dynamics. <i>Waste Management</i> , 2020, 113, 1-11.	7.4	20
8	Higher Ammonium Transamination Capacity Can Alleviate Glutamate Inhibition on Winter Wheat (<i>Triticum aestivum</i> L.) Root Growth under High Ammonium Stress. <i>PLoS ONE</i> , 2016, 11, e0160997.	2.5	18
9	Impaired electron transfer accounts for the photosynthesis inhibition in wheat seedlings (<i>Triticum aestivum</i> L.) subjected to ammonium stress. <i>Physiologia Plantarum</i> , 2019, 167, 159-172.	5.2	17
10	Improved leaf nitrogen reutilisation and Rubisco activation under short-term nitrogen-deficient conditions promotes photosynthesis in winter wheat (<i>Triticum aestivum</i> L.) at the seedling stage. <i>Functional Plant Biology</i> , 2018, 45, 840.	2.1	16
11	Glutamate over-accumulation may serve as an endogenous indicator of tricarboxylic acid (TCA) cycle suppression under NH ₄ ⁺ nutrition in wheat (<i>Triticum aestivum</i> L.) seedlings. <i>Environmental and Experimental Botany</i> , 2020, 177, 104130.	4.2	16
12	Enhanced Rubisco activation associated with maintenance of electron transport alleviates inhibition of photosynthesis under low nitrogen conditions in winter wheat seedlings. <i>Journal of Experimental Botany</i> , 2018, 69, 5477-5488.	4.8	15
13	Physiological responses of wheat (<i>Triticum aestivum</i> L.) germination to elevated ammonium concentrations: reserve mobilization, sugar utilization, and antioxidant metabolism. <i>Plant Growth Regulation</i> , 2017, 81, 209-220.	3.4	13
14	Edaphic niche characterization of four Proteaceae reveals unique calcicole physiology linked to hyperendemism of <i>Grevillea thelemanniana</i> . <i>New Phytologist</i> , 2020, 228, 869-883.	7.3	10