Physiological and biochemical assisted screening of wh rhizosphere drying

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Citation Report

#	Article	IF	Citations
1	Physiological and biochemical appraisal for mulching and partial rhizosphere drying of cotton. Journal of Arid Land, 2019, 11, 785-794.	2.3	24
2	Effect of Partial Root-Zone Drying Irrigation (PRD) on the Gas Exchange and Antioxidant Enzymatic Activities in Alfalfa. Journal of Soil Science and Plant Nutrition, 2019, 19, 127-136.	3.4	9
3	Effect of partial root-zone drying irrigation (PRDI) on the biomass, water productivity and carbon, nitrogen and phosphorus allocations in different organs of alfalfa. Agricultural Water Management, 2021, 243, 106525.	5.6	15
4	Integrating Biochar, Rhizobacteria and Silicon for Strenuous Productivity of Drought Stressed Wheat. Communications in Soil Science and Plant Analysis, 2021, 52, 338-352.	1.4	16
5	Partial Root Zone Drying Irrigation Improves Water Use Efficiency but Compromise the Yield and Quality of Cotton Crop. Communications in Soil Science and Plant Analysis, 2021, 52, 1558-1573.	1.4	7
6	Physiological and biochemical properties of wheat (Triticum aestivum L.) under different mulching and water management systems in the semi-arid region of Punjab, Pakistan. Arid Land Research and Management, 2022, 36, 181-196.	1.6	5
7	Assessing the potential of partial root zone drying and mulching for improving the productivity of cotton under arid climate. Environmental Science and Pollution Research, 2021, 28, 66223-66241.	5.3	12
8	Effect of alternate partial root-zone drying (PRD) on soil nitrogen availability to alfalfa. Agricultural Water Management, 2021, 258, 107167.	5.6	3
9	Partial root-zone drying (PRD), its effects and agricultural significance: a review. Bulletin of the National Research Centre, 2020, 44, .	1.8	19
10	SIGNIFICANCE OF PARTIAL ROOT ZONE DRYING AND MULCHES FOR WATER SAVING AND WEED SUPPRESSION IN WHEAT. Journal of Animal and Plant Sciences, 2020, 30, .	0.1	8
11	Effect of partial rhizosphere drying on plant photosynthetic, antioxidative and water related indicators in cotton. Communications in Soil Science and Plant Analysis, 0, , 1-16.	1.4	1
12	Root osmotic sensing from local perception to systemic responses. Stress Biology, 2022, 2, .	3.1	8
13	Ameliorating Drought Effects in Wheat Using an Exclusive or Co-Applied Rhizobacteria and ZnO Nanoparticles. Biology, 2022, 11, 1564.	2.8	12
14	A Review on Regulation of Irrigation Management on Wheat Physiology, Grain Yield, and Quality. Plants, 2023, 12, 692.	3.5	7
15	Does abscisic acid and xylem sap pH regulate stomatal responses in papaya plants submitted to partial root-zone drying?. Theoretical and Experimental Plant Physiology, 2023, 35, 185-197.	2.4	1
16	Using Deficit Irrigation Strategies and Organic Mulches for Improving Yield and Water Productivity of Mango under Dry Environment Conditions. Agriculture (Switzerland), 2023, 13, 1415.	3.1	0
17	Effect of Co-Application of Azospirillum brasilense and Rhizobium pisi on Wheat Performance and Soil Nutrient Status under Deficit and Partial Root Drying Stress. Plants, 2023, 12, 3141.	3.5	0
19	Combined application of biochar and partial root-zone drying irrigation improves water relations and water use efficiency of cotton plants under salt stress. Agricultural Water Management, 2023, 290, 108584.	5.6	2

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20	Improving mango production using partial root drying technique and organic fertilisation: Field and modeling study. Water Science, 2023, 37, 371-388.	1.6	0
21	Changes in phytochemical properties and water use efficiency of peppermint (Mentha piperita L.) using superabsorbent polymer under drought stress. Scientific Reports, 2023, 13, .	3.3	0
22	Seed priming with selenium improves growth and yield of quinoa plants suffering drought. Scientific Reports, 2024, 14, .	3.3	2
23	Partial root-zone drying subsurface drip irrigation increased the alfalfa quality yield but decreased the alfalfa quality content. Frontiers in Plant Science, 0, 15, .	3.6	0