Simulating the impact of extreme heat and frost events review

Field Crops Research

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Citation Report

#	Article	IF	Citations
1	Modelling population densities of root-lesion nematode (Pratylenchus thornei) from soil profile temperatures to choose an optimum sowing date for wheat in a subtropical region. Field Crops Research, 2015, 183, 50-55.	2.3	6
2	Finding Ways to Improve Australiaâ€™s Food Security Situation. Agriculture (Switzerland), 2015, 5, 286-312.	1.4	7
3	Unscrambling confounded effects of sowing date trials to screen for crop adaptation to high temperature. Field Crops Research, 2015, 177, 1-8.	2.3	38
4	Design and development of a low-cost solar powered drip irrigation system using Systems Modeling Language. Journal of Cleaner Production, 2015, 102, 529-544.	4.6	27
5	Adaptation of wheat, barley, canola, field pea and chickpea to the thermal environments of Australia. Crop and Pasture Science, 2015, 66, 1137.	0.7	63
6	Temperature extremes: Effect on plant growth and development. Weather and Climate Extremes, 2015, 10, 4-10.	1.6	1,448
7	Assessing the place and role of crop simulation modelling in Australia. Crop and Pasture Science, 2015, 66, 877.	0.7	19
8	Effects of climate trends and variability on wheat yield variability in eastern Australia. Climate Research, 2015, 64, 173-186.	0.4	29
9	A Comparative Analysis of Machine Learning with WorldView-2 Pan-Sharpened Imagery for Tea Crop Mapping. Sensors, 2016, 16, 594.	2.1	32
10	Heat Priming Induces Trans-generational Tolerance to High Temperature Stress in Wheat. Frontiers in Plant Science, 2016, 7, 501.	1.7	65
11	A network-based approach for semi-quantitative knowledge mining and its application to yield variability. Environmental Research Letters, 2016, 11, 123001.	2.2	13
12	Do maize models capture the impacts of heat and drought stresses on yield? Using algorithm ensembles to identify successful approaches. Global Change Biology, 2016, 22, 3112-3126.	4.2	63
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16	Design and development of M3SS: A Soil Sensor Node for precision agriculture. , 2016, , .		4
17	Prospects for yield improvement in the Australian wheat industry: a perspective. Food and Energy Security, 2016, 5, 107-122.	2.0	27
18	Salvaging effect of triacontanol on plant growth, thermotolerance, macro-nutrient content, amino acid concentration and modulation of defense hormonal levels under heat stress. Plant Physiology and Biochemistry, 2016, 99, 118-125.	2.8	25

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19	Analysis of options for increasing wheat (Triticum aestivum L.) yield in south-eastern Australia: The role of irrigation, cultivar choice and time of sowing. Agricultural Water Management, 2016, 166, 139-148.	2.4	29
20	Canopy temperature for simulation of heat stress in irrigated wheat in a semi-arid environment: A multi-model comparison. Field Crops Research, 2017, 202, 21-35.	2.3	91
21	Models of grain quality in wheatâ€"A review. Field Crops Research, 2017, 202, 136-145.	2.3	186
22	Effects of diurnal temperature range and drought on wheat yield in Spain. Theoretical and Applied Climatology, 2017, 129, 503-519.	1.3	36
23	Evaluation of the APSIM model in cropping systems of Asia. Field Crops Research, 2017, 204, 52-75.	2.3	170
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25	Crop and farm level adaptation under future climate challenges: An exploratory study considering multiple objectives for Flevoland, the Netherlands. Agricultural Systems, 2017, 152, 154-164.	3.2	19
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