Ahmad M Manschadi

List of Publications by Year
in descending order

17	1,510	759233 12	888059 17
papers	citations	h-index	g-index

17	17	17	1639
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Performance of the SSM-iCrop model for predicting growth and nitrogen dynamics in winter wheat. European Journal of Agronomy, 2022, 135, 126487.	4.1	1
2	High-throughput screening of soybean di-nitrogen fixation and seed nitrogen content using spectral sensing. Computers and Electronics in Agriculture, 2022, 199, 107169.	7.7	3
3	Full Parameterisation Matters for the Best Performance of Crop Models: Inter-comparison of a Simple and a Detailed Maize Model. International Journal of Plant Production, 2021, 15, 61-78.	2.2	8
4	Variation in traits contributing to improved use of nitrogen in wheat: Implications for genotype by environment interaction. Field Crops Research, 2021, 270, 108211.	5.1	16
5	Evaluating the performance of the CCCI-CNI index for estimating N status of winter wheat. European Journal of Agronomy, 2021, 130, 126346.	4.1	12
6	Assessing the impact of climate change on crop management in winter wheat â€“ a case study for Eastern Austria. Journal of Agricultural Science, 2016, 154, 1153-1170.	1.3	15
7	Assessing the sustainability of wheat-based cropping systems using simulation modelling: sustainabilityÂ=Â42?. Sustainability Science, 2014, 9, 1-16.	4.9	36
8	Developing phosphorus-efficient crop varietiesâ€”An interdisciplinary research framework. Field Crops Research, 2014, 162, 87-98.	5.1	68
9	Reprint of â€œDeveloping phosphorus-efficient crop varietiesâ€”An interdisciplinary research frameworkâ€• Field Crops Research, 2014, 165, 49-60.	5.1	17
10	QTL for root angle and number in a population developed from bread wheats (Triticum aestivum) with contrasting adaptation to water-limited environments. Theoretical and Applied Genetics, 2013, 126, 1563-1574.	3.6	160
11	Simulating the Impact of Climate Change on Rice Phenology and Grain Yield in Irrigated Drylands of Central Asia. Journal of Applied Meteorology and Climatology, 2013, 52, 2033-2050.	1.5	27
12	Genotypic variation in seedling root architectural traits and implications for drought adaptation in wheat (Triticum aestivum L.). Plant and Soil, 2008, 303, 115-129.	3.7	343
13	Developmental and physiological traits associated with high yield and stay-green phenotype in wheat. Australian Journal of Agricultural Research, 2008, 59, 354.	1.5	175
14	Assessing the sustainability of wheat-based cropping systems using APSIM: model parameterisation and evaluation. Australian Journal of Agricultural Research, 2007, 58, 75.	1.5	21
15	The role of root architectural traits in adaptation of wheat to water-limited environments. Functional Plant Biology, 2006, 33, 823.	2.1	529
16	Simulation of faba bean (Vicia faba L.) root system development under Mediterranean conditions. European Journal of Agronomy, 1998, 9, 259-272.	4.1	44
17	Simulation of faba bean (Vicia faba L.) growth and development under Mediterranean conditions: Model adaptation and evaluation. European Journal of Agronomy, 1998, 9, 273-293.	4.1	35