

Allan S Peake

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2885099/publications.pdf>

Version: 2024-02-01

17
papers

1,707
citations

686830

13
h-index

887659

17
g-index

17
all docs

17
docs citations

17
times ranked

2171
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparative Analysis of Phenology Algorithms of the Spring Barley Model in APSIM 7.9 and APSIM Next Generation: A Case Study for High Latitudes. <i>Plants</i> , 2021, 10, 443.	1.6	8
2	Genotypic variation for lodging tolerance in spring wheat: wider and deeper root plates, a feature of low lodging, high yielding germplasm. <i>Field Crops Research</i> , 2020, 258, 107942.	2.3	18
3	Challenges for Simulating Growth and Phenology of Silage Maize in a Nordic Climate with APSIM. <i>Agronomy</i> , 2020, 10, 645.	1.3	16
4	Cultivar × Management Interaction to Reduce Lodging and Improve Grain Yield of Irrigated Spring Wheat: Optimising Plant Growth Regulator Use, N Application Timing, Row Spacing and Sowing Date. <i>Frontiers in Plant Science</i> , 2020, 11, 401.	1.7	25
5	Early sowing systems can boost Australian wheat yields despite recent climate change. <i>Nature Climate Change</i> , 2019, 9, 244-247.	8.1	141
6	Effect of variable crop duration on grain yield of irrigated spring-wheat when flowering is synchronised. <i>Field Crops Research</i> , 2018, 228, 183-194.	2.3	9
7	Vegetative nitrogen stress decreases lodging risk and increases yield of irrigated spring wheat in the subtropics. <i>Crop and Pasture Science</i> , 2016, 67, 907.	0.7	20
8	Trends in grain production and yield gaps in the high-rainfall zone of southern Australia. <i>Crop and Pasture Science</i> , 2016, 67, 921.	0.7	15
9	An alternative approach to whole-farm deficit irrigation analysis: Evaluating the risk-efficiency of wheat irrigation strategies in sub-tropical Australia. <i>Agricultural Water Management</i> , 2016, 169, 61-76.	2.4	19
10	Quantifying potential yield and lodging-related yield gaps for irrigated spring wheat in sub-tropical Australia. <i>Field Crops Research</i> , 2014, 158, 1-14.	2.3	36
11	APSIM – Evolution towards a new generation of agricultural systems simulation. <i>Environmental Modelling and Software</i> , 2014, 62, 327-350.	1.9	1,173
12	Variation in water extraction with maize plant density and its impact on model application. <i>Field Crops Research</i> , 2013, 146, 31-37.	2.3	16
13	The 1BL/1RS translocation decreases grain yield of spring wheat germplasm in low yield environments of north-eastern Australia. <i>Crop and Pasture Science</i> , 2011, 62, 276.	0.7	16
14	Re-inventing model-based decision support with Australian dryland farmers. 4. Yield Prophet® helps farmers monitor and manage crops in a variable climate. <i>Crop and Pasture Science</i> , 2009, 60, 1057.	0.7	140
15	Optimising maize plant population and irrigation strategies on the Darling Downs using the APSIM crop simulation model. <i>Australian Journal of Experimental Agriculture</i> , 2008, 48, 313.	1.0	28
16	ON-FARM ASSESSMENT OF CONSTRAINTS TO CHICKPEA (<i>CICER ARIETINUM</i>) PRODUCTION IN MARGINAL AREAS OF NORTHERN AUSTRALIA. <i>Experimental Agriculture</i> , 2007, 43, 505-520.	0.4	19
17	A rapid PCR protocol for marker assisted detection of heterozygotes in segregating generations involving 1BL/1RS translocation and normal wheat lines. <i>Australian Journal of Agricultural Research</i> , 2002, 53, 931.	1.5	8