

Alexander B Zwart

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

669
citations

933447

10
h-index

940533

16
g-index

17
all docs

17
docs citations

17
times ranked

1450
citing authors

#	ARTICLE	IF	CITATIONS
1	Early sowing systems can boost Australian wheat yields despite recent climate change. <i>Nature Climate Change</i> , 2019, 9, 244-247.	18.8	141
2	Genetic variation in tolerance to the osmotic stress component of salinity stress in durum wheat. <i>Functional Plant Biology</i> , 2008, 35, 111.	2.1	126
3	Impact of ancestral wheat sodium exclusion genes <i>Nax1</i> and <i>Nax2</i> on grain yield of durum wheat on saline soils. <i>Functional Plant Biology</i> , 2012, 39, 609.	2.1	86
4	Advanced Engineering of Lipid Metabolism in <i>Nicotiana benthamiana</i> Using a Draft Genome and the V2 Viral Silencing-Suppressor Protein. <i>PLoS ONE</i> , 2012, 7, e52717.	2.5	85
5	The influence of sampling strategies and spatial variation on the detected soil bacterial communities under three different land-use types. <i>FEMS Microbiology Ecology</i> , 2011, 78, 70-79.	2.7	55
6	The wheat <i>Lr34</i> multipathogen resistance gene confers resistance to anthracnose and rust in sorghum. <i>Plant Biotechnology Journal</i> , 2017, 15, 1387-1396.	8.3	52
7	Does Late Maturity Alpha-Amylase Impact Wheat Baking Quality?. <i>Frontiers in Plant Science</i> , 2018, 9, 1356.	3.6	41
8	Differentiating Wheat Genotypes by Bayesian Hierarchical Nonlinear Mixed Modeling of Wheat Root Density. <i>Frontiers in Plant Science</i> , 2017, 8, 282.	3.6	15
9	<code><scp>polypatex</scp></code> : an <code><scp>r</scp></code> package for paternity exclusion in autopolyploids. <i>Molecular Ecology Resources</i> , 2016, 16, 694-700.	4.8	14
10	Increase in coleoptile length and establishment by <i>Lcol-A1</i> , a genetic locus with major effect in wheat. <i>BMC Plant Biology</i> , 2019, 19, 332.	3.6	12
11	A Versatile High Throughput Screening Platform for Plant Metabolic Engineering Highlights the Major Role of <i>ABI3</i> in Lipid Metabolism Regulation. <i>Frontiers in Plant Science</i> , 2020, 11, 288.	3.6	12
12	Environmental water allocations are insufficient to control an invasive wetland plant: evidence from a highly regulated floodplain wetland. <i>Journal of Applied Ecology</i> , 2014, 51, 1292-1303.	4.0	9
13	Nonindigenous Plant Advantage in Native and Exotic Australian Grasses under Experimental Drought, Warming, and Atmospheric CO ₂ Enrichment. <i>Biology</i> , 2013, 2, 481-513.	2.8	8
14	<i>Brachypodium distachyon</i> genotypes vary in resistance to <i>Rhizoctonia solani</i> AG8. <i>Functional Plant Biology</i> , 2016, 43, 189.	2.1	7
15	Among-population pollen movement and skewed male fitness in a dioecious weed. <i>Biological Invasions</i> , 2015, 17, 2147-2161.	2.4	4
16	Optimal design for adaptive smoothing splines. <i>Journal of Statistical Planning and Inference</i> , 2020, 206, 263-277.	0.6	1