

Meredith D Mcneil

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9417809/publications.pdf>

Version: 2024-02-01

16
papers

640
citations

758635

12
h-index

940134

16
g-index

16
all docs

16
docs citations

16
times ranked

764
citing authors

#	ARTICLE	IF	CITATIONS
1	Implementation of markers in Australian wheat breeding. Australian Journal of Agricultural Research, 2001, 52, 1349.	1.5	132
2	Validation of molecular markers for wheat breeding. Australian Journal of Agricultural Research, 2001, 52, 1357.	1.5	84
3	A comprehensive genetic map of sugarcane that provides enhanced map coverage and integrates high-throughput Diversity Array Technology (DArT) markers. BMC Genomics, 2014, 15, 152.	1.2	61
4	Development of robust PCR-based DNA markers for each homoeo-allele of granule-bound starch synthase and their application in wheat breeding programs. Australian Journal of Agricultural Research, 2001, 52, 1409.	1.5	55
5	Cereal DNA: A rapid high-throughput extraction method for marker assisted selection. Plant Molecular Biology Reporter, 2000, 18, 357-360.	1.0	50
6	Comparative mapping in the Poaceae family reveals translocations in the complex polyploid genome of sugarcane. BMC Plant Biology, 2014, 14, 190.	1.6	43
7	Analysis of the resistance mechanisms in sugarcane during <i>Sporisorium scitamineum</i> infection using RNA-seq and microscopy. PLoS ONE, 2018, 13, e0197840.	1.1	37
8	BAC-derived markers for assaying the stem rust resistance gene, Sr2, in wheat breeding programs. Molecular Breeding, 2008, 22, 15-24.	1.0	36
9	The genome structure of the 1-FEH genes in wheat (<i>Triticum aestivum</i> L.): new markers to track stem carbohydrates and grain filling QTLs in breeding. Molecular Breeding, 2008, 22, 339-351.	1.0	36
10	Comparative organization of wheat homoeologous group 3S and 7L using wheat-rice synteny and identification of potential markers for genes controlling xanthophyll content in wheat. Functional and Integrative Genomics, 2004, 4, 118-130.	1.4	30
11	Sugarcane Smut, Caused by <i>Sporisorium scitamineum</i> , a Major Disease of Sugarcane: A Contemporary Review. Phytopathology, 2021, 111, 1905-1917.	1.1	27
12	Haplotype analyses in wheat for complex traits: tracking the chromosome 3B and 7B regions associated with late maturity alpha amylase (LMA) in breeding programs. Crop and Pasture Science, 2009, 60, 463.	0.7	13
13	Implementation of probes for tracing chromosome segments conferring barley yellow dwarf virus resistance. Australian Journal of Agricultural Research, 2001, 52, 1389.	1.5	12
14	Wheat genome structure and function: genome sequence data and the International Wheat Genome Sequencing Consortium. Australian Journal of Agricultural Research, 2007, 58, 470.	1.5	12
15	Conversion of AFLP markers to high-throughput markers in a complex polyploid, sugarcane. Molecular Breeding, 2011, 27, 395-407.	1.0	10
16	Resistance mechanisms and expression of disease resistance-related genes in sugarcane (<i>Sacchrum</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.1	2