

Stefan Scholten

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

536
citations

759233

12
h-index

1125743

13
g-index

13
all docs

13
docs citations

13
times ranked

636
citing authors

#	ARTICLE	IF	CITATIONS
1	Transcriptome-based distance measures for grouping of germplasm and prediction of hybrid performance in maize. <i>Theoretical and Applied Genetics</i> , 2010, 120, 441-450.	3.6	111
2	Omics-based hybrid prediction in maize. <i>Theoretical and Applied Genetics</i> , 2017, 130, 1927-1939.	3.6	90
3	Correlation between parental transcriptome and field data for the characterization of heterosis in <i>Zea mays</i> L.. <i>Theoretical and Applied Genetics</i> , 2010, 120, 401-413.	3.6	79
4	Genome-wide meta-analysis of maize heterosis reveals the potential role of additive gene expression at pericentromeric loci. <i>BMC Plant Biology</i> , 2014, 14, 88.	3.6	54
5	Analysis of wheat microspore embryogenesis induction by transcriptome and small RNA sequencing using the highly responsive cultivar 'Svilena'. <i>BMC Plant Biology</i> , 2016, 16, 97.	3.6	38
6	Partial least squares regression, support vector machine regression, and transcriptome-based distances for prediction of maize hybrid performance with gene expression data. <i>Theoretical and Applied Genetics</i> , 2012, 124, 825-833.	3.6	33
7	Prediction of hybrid performance in maize with a ridge regression model employed to DNA markers and mRNA transcription profiles. <i>BMC Genomics</i> , 2016, 17, 262.	2.8	28
8	Small RNA-based prediction of hybrid performance in maize. <i>BMC Genomics</i> , 2018, 19, 371.	2.8	24
9	Transcriptome-based prediction of hybrid performance with unbalanced data from a maize breeding programme. <i>Plant Breeding</i> , 2017, 136, 331-337.	1.9	22
10	In vitro fertilization: analysis of early post-fertilization development using cytological and molecular techniques. <i>Sexual Plant Reproduction</i> , 2008, 21, 67-77.	2.2	21
11	Parental Expression Variation of Small RNAs Is Negatively Correlated with Grain Yield Heterosis in a Maize Breeding Population. <i>Frontiers in Plant Science</i> , 2018, 9, 13.	3.6	21
12	Genomic imprinting in plant embryos. <i>Epigenetics</i> , 2010, 5, 455-459.	2.7	14
13	Impact of CD4+ blood cell count and HIV viral load on treatment response with direct acting antivirals in HIV and HCV coinfecting patients: insights from the German Hepatitis C-Registry. <i>HIV Clinical Trials</i> , 2018, 19, 225-234.	2.0	1