Michael A Seidel

List of Publications by Year
in descending order

14 papers	1,268 citations	623734 14 h-index	1058476 14 g-index
15 all docs	15 docs citations	15 times ranked	2462 citing authors

#	Article	IF	Citations
1	A powerful tool for genome analysis in maize: development and evaluation of the high density 600 k SNP genotyping array. BMC Genomics, 2014, 15, 823.	2.8	242
2	Tracing the ancestry of modern bread wheats. Nature Genetics, 2019, 51, 905-911.	21.4	230
3	De novo genome sequence assembly of a filamentous fungus using Sanger, 454 and Illumina sequence data. Genome Biology, 2009, 10, R94.	9.6	130
4	From RNA-seq to large-scale genotyping - genomics resources for rye (Secale cereale L.). BMC Plant Biology, 2011, 11, 131.	3.6	109
5	European maize genomes highlight intraspecies variation in repeat and gene content. Nature Genetics, 2020, 52, 950-957.	21.4	84
6	PGSB PlantsDB: updates to the database framework for comparative plant genome research. Nucleic Acids Research, 2016, 44, D1141-D1147.	14.5	79
7	TriAnnot: A Versatile and High Performance Pipeline for the Automated Annotation of Plant Genomes. Frontiers in Plant Science, 2012, 3, 5.	3.6	73
8	De novo 454 sequencing of barcoded BAC pools for comprehensive gene survey and genome analysis in the complex genome of barley. BMC Genomics, 2009, 10, 547.	2.8	69
9	A Genome-Wide Survey of Date Palm Cultivars Supports Two Major Subpopulations in *Phoenix dactylifera*. G3: Genes, Genomes, Genetics, 2015, 5, 1429-1438.	1.8	58
10	A comprehensive study of the genomic differentiation between temperate Dent and Flint maize. Genome Biology, 2016, 17, 137.	8.8	51
11	BSTA: a targeted approach combines bulked segregant analysis with next- generation sequencing and de novo transcriptome assembly for SNP discovery in sunflower. BMC Genomics, 2013, 14, 628.	2.8	43
12	The *de Novo* Reference Genome and Transcriptome Assemblies of the Wild Tomato Species *Solanum chilense* Highlights Birth and Death of NLR Genes Between Tomato Species. G3: Genes, Genomes, Genetics, 2019, 9, 3933-3941.	1.8	37
13	Parallel Selection Revealed by Population Sequencing in Chicken. Genome Biology and Evolution, 2015, 7, 3299-3306.	2.5	25
14	RNASeqExpressionBrowser—a web interface to browse and visualize high-throughput expression data. Bioinformatics, 2014, 30, 2519-2520.	4.1	23