Norman Warthmann

List of Publications by Year in descending order

33 papers	7,554 citations	236925 25 h-index	414414 32 g-index
36 all docs	36 docs citations	36 times ranked	10274 citing authors

#	Article	IF	Citations
1	Global Diversity of the Brachypodium Species Complex as a Resource for Genome-Wide Association Studies Demonstrated for Agronomic Traits in Response to Climate. Genetics, 2019, 211, 317-331.	2.9	17
2	Analysis of DNAs associated with coconut foliar decay disease implicates a unique single-stranded DNA virus representing a new taxon. Scientific Reports, 2018, 8, 5698.	3.3	19
3	Do longer root hairs improve phosphorus uptake? Testing the hypothesis with transgenic Brachypodium distachyon lines overexpressing endogenous <scp>RSL</scp> genes. New Phytologist, 2018, 217, 1654-1666.	7.3	68
4	DNA metabarcoding of unfractionated water samples relates phytoâ€‚zooâ€•and bacterioplankton dynamics and reveals a singleâ€‰taxon bacterial bloom. Environmental Microbiology Reports, 2017, 9, 383-388.	2.4	13
5	kWIP: The k-mer weighted inner product, a de novo estimator of genetic similarity. PLoS Computational Biology, 2017, 13, e1005727.	3.2	39
6	Genome expansion of Arabis alpina linked with retrotransposition and reduced symmetric DNA methylation. Nature Plants, 2015, 1, 14023.	9.3	156
7	Response to Comment on â€œA promiscuous intermediate underlies the evolution of LEAFY DNA binding specificityâ€• Science, 2015, 347, 621-621.	12.6	4
8	Genomic breeding for food, environment and livelihoods. Food Security, 2015, 7, 375-382.	5.3	23
9	A Promiscuous Intermediate Underlies the Evolution of LEAFY DNA Binding Specificity. Science, 2014, 343, 645-648.	12.6	117
10	Artificial MicroRNAs for Specific Gene Silencing in Rice. Methods in Molecular Biology, 2013, 956, 131-149.	0.9	5
11	The recombination landscape in Arabidopsis thaliana F2 populations. Heredity, 2012, 108, 447-455.	2.6	155
12	Reference-guided assembly of four diverse Arabidopsis thaliana genomes. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 10249-10254.	7.1	237
13	Major-Effect Alleles at Relatively Few Loci Underlie Distinct Vernalization and Flowering Variation in Arabidopsis Accessions. PLoS ONE, 2011, 6, e19949.	2.5	76
14	Local-Scale Patterns of Genetic Variability, Outcrossing, and Spatial Structure in Natural Stands of Arabidopsis thaliana. PLoS Genetics, 2010, 6, e1000890.	3.5	172
15	The Scale of Population Structure in Arabidopsis thaliana. PLoS Genetics, 2010, 6, e1000843.	3.5	338
16	Directed Gene Silencing with Artificial MicroRNAs. Methods in Molecular Biology, 2010, 592, 71-88.	0.9	53
17	The Rate and Molecular Spectrum of Spontaneous Mutations in Arabidopsis thaliana. Science, 2010, 327, 92-94.	12.6	1,004
18	Cis-regulatory Changes at FLOWERING LOCUS T Mediate Natural Variation in Flowering Responses of Arabidopsis thaliana. Genetics, 2009, 183, 723-732.	2.9	109

#	Article	IF	Citations
19	Simultaneous alignment of short reads against multiple genomes. Genome Biology, 2009, 10, R98.	9.6	215
20	QTL Mapping in New Arabidopsis thaliana Advanced Intercross-Recombinant Inbred Lines. PLoS ONE, 2009, 4, e4318.	2.5	92
21	Sequencing of natural strains of Arabidopsis thaliana with short reads. Genome Research, 2008, 18, 2024-2033.	5.5	442
22	Comparative Analysis of the MIR319a MicroRNA Locus in Arabidopsis and Related Brassicaceae. Molecular Biology and Evolution, 2008, 25, 892-902.	8.9	67
23	Highly Specific Gene Silencing by Artificial miRNAs in Rice. PLoS ONE, 2008, 3, e1829.	2.5	295
24	Autoimmune Response as a Mechanism for a Dobzhansky-Muller-Type Incompatibility Syndrome in Plants. PLoS Biology, 2007, 5, e236.	5.6	489
25	MSQT for choosing SNP assays from multiple DNA alignments. Bioinformatics, 2007, 23, 2784-2787.	4.1	41
26	Sequence and Expression Differences Underlie Functional Specialization of Arabidopsis MicroRNAs miR159 and miR319. Developmental Cell, 2007, 13, 115-125.	7.0	399
27	Common Sequence Polymorphisms Shaping Genetic Diversity in Arabidopsis thaliana. Science, 2007, 317, 338-342.	12.6	689
28	ESTs and EST-linked polymorphisms for genetic mapping and phylogenetic reconstruction in the guppy, Poecilia reticulata. BMC Genomics, 2007, 8, 269.	2.8	21
29	Export of FT Protein from Phloem Companion Cells Is Sufficient for Floral Induction in Arabidopsis. Current Biology, 2007, 17, 1055-1060.	3.9	554
30	Highly Specific Gene Silencing by Artificial MicroRNAs in Arabidopsis. Plant Cell, 2006, 18, 1121-1133.	6.6	1,207
31	The PHYTOCHROME C photoreceptor gene mediates natural variation in flowering and growth responses of Arabidopsis thaliana. Nature Genetics, 2006, 38, 711-715.	21.4	191
32	Quantitative trait locus mapping and DNA array hybridization identify an FLM deletion as a cause for natural flowering-time variation. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 2460-2465.	7.1	174
33	High habitat-specificity in fungal communities in oligo-mesotrophic, temperate Lake Stechlin (North-East Germany). MycoKeys, 0, 16, 17-44.	1.9	68