Kevin A T Silverstein

List of Publications by Year
in descending order

18 papers	2,503 citations	623734 14 h-index	839539 18 g-index
19 all docs	19 docs citations	19 times ranked	3935 citing authors

#	Article	IF	Citations
1	The Medicago genome provides insight into the evolution of rhizobial symbioses. Nature, 2011, 480, 520-524.	27.8	1,166
2	Small cysteine-rich peptides resembling antimicrobial peptides have been under-predicted in plants. Plant Journal, 2007, 51, 262-280.	5.7	377
3	Genome Organization of More Than 300 Defensin-Like Genes in Arabidopsis Â. Plant Physiology, 2005, 138, 600-610.	4.8	226
4	Computational Identification and Characterization of Novel Genes from Legumes Â. Plant Physiology, 2004, 135, 1179-1197.	4.8	175
5	Emergence of the Ug99 lineage of the wheat stem rust pathogen through somatic hybridisation. Nature Communications, 2019, 10, 5068.	12.8	121
6	Exploring structural variation and gene family architecture with De Novo assemblies of 15 Medicago genomes. BMC Genomics, 2017, 18, 261.	2.8	87
7	Detecting small plant peptides using SPADA (Small Peptide Alignment Discovery Application). BMC Bioinformatics, 2013, 14, 335.	2.6	86
8	Strategies for optimizing BioNano and Dovetail explored through a second reference quality assembly for the legume model, Medicago truncatula. BMC Genomics, 2017, 18, 578.	2.8	54
9	Regulatory Patterns of a Large Family of Defensin-Like Genes Expressed in Nodules of Medicago truncatula. PLoS ONE, 2013, 8, e60355.	2.5	41
10	The Affymetrix Medicago GeneChipÂ® array is applicable for transcript analysis of alfalfa (Medicago) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	2.1	37
11	Defensinâ€like Genes: Genomic Perspectives on a Diverse Superfamily in Plants. Crop Science, 2008, 48, S-3.	1.8	26
12	Novel paralogous gene families with potential function in legume nodules and seeds. Current Opinion in Plant Biology, 2006, 9, 142-146.	7.1	25
13	Noduleâ€specific PLAT domain proteins are expanded in the Medicago lineage and required for nodulation. New Phytologist, 2019, 222, 1538-1550.	7.3	25
14	Genomic Characterization of the LEED..PEEDs, a Gene Family Unique to the Medicago Lineage. G3: Genes, Genomes, Genetics, 2014, 4, 2003-2012.	1.8	15
15	PANAL: an integrated resource for Protein sequence ANALysis. Bioinformatics, 2000, 16, 1157-1158.	4.1	12
16	Exploring structural variants in environmentally sensitive gene families. Current Opinion in Plant Biology, 2016, 30, 19-24.	7.1	9
17	EASE-DGGS: a hybrid discrete global grid system for Earth sciences. Big Earth Data, 2022, 6, 340-357.	4.4	8
18	Big data, data privacy, and plant and animal disease research using GEMS. Agronomy Journal, 2022, 114, 2644-2652.	1.8	2