

# Kevin A T Silverstein

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4767847/publications.pdf>

Version: 2024-02-01

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