

# Jessica A Schlueter

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5501624/publications.pdf>

Version: 2024-02-01

26  
papers

7,014  
citations

361413

20  
h-index

580821

25  
g-index

29  
all docs

29  
docs citations

29  
times ranked

7676  
citing authors

#	ARTICLE	IF	CITATIONS
1	Genome sequence of the palaeopolyploid soybean. <i>Nature</i> , 2010, 463, 178-183.	27.8	3,854
2	Draft genome sequence of pigeonpea ( <i>Cajanus cajan</i> ), an orphan legume crop of resource-poor farmers. <i>Nature Biotechnology</i> , 2012, 30, 83-89.	17.5	788
3	Mining EST databases to resolve evolutionary events in major crop species. <i>Genome</i> , 2004, 47, 868-876.	2.0	310
4	Applications of next-generation sequencing in plant biology. <i>American Journal of Botany</i> , 2012, 99, 175-185.	1.7	249
5	The fate of duplicated genes in a polyploid plant genome. <i>Plant Journal</i> , 2013, 73, 143-153.	5.7	243
6	Paleopolyploidy and gene duplication in soybean and other legumes. <i>Current Opinion in Plant Biology</i> , 2006, 9, 104-109.	7.1	230
7	Large-scale development of cost-effective SNP marker assays for diversity assessment and genetic mapping in chickpea and comparative mapping in legumes. <i>Plant Biotechnology Journal</i> , 2012, 10, 716-732.	8.3	221
8	Implementing building-level SARS-CoV-2 wastewater surveillance on a university campus. <i>Science of the Total Environment</i> , 2021, 782, 146749.	8.0	203
9	Gene duplication and paleopolyploidy in soybean and the implications for whole genome sequencing. <i>BMC Genomics</i> , 2007, 8, 330.	2.8	132
10	The FAD2 Gene Family of Soybean: Insights into the Structural and Functional Divergence of a Paleopolyploid Genome. <i>Crop Science</i> , 2007, 47, S-14.	1.8	108
11	Large-Scale Development of Cost-Effective Single-Nucleotide Polymorphism Marker Assays for Genetic Mapping in Pigeonpea and Comparative Mapping in Legumes. <i>DNA Research</i> , 2012, 19, 449-461.	3.4	99
12	Defining the Transcriptome Assembly and Its Use for Genome Dynamics and Transcriptome Profiling Studies in Pigeonpea ( <i>Cajanus cajan</i> L.). <i>DNA Research</i> , 2011, 18, 153-164.	3.4	85
13	<i>Arabidopsis</i> SCAR Function Interchangeably to Meet Actin-Related Protein 2/3 Activation Thresholds during Morphogenesis. <i>Plant Cell</i> , 2008, 20, 995-1011.	6.6	73
14	BAC-end Sequence Analysis and a Draft Physical Map of the Common Bean ( <i>Phaseolus vulgaris</i> L.) Genome. <i>Tropical Plant Biology</i> , 2008, 1, 40-48.	1.9	70
15	Integration of physical and genetic maps of common bean through BAC-derived microsatellite markers. <i>BMC Genomics</i> , 2010, 11, 436.	2.8	59
16	Comparative Evolution of Photosynthetic Genes in Response to Polyploid and Nonpolyploid Duplication. <i>Plant Physiology</i> , 2011, 155, 2081-2095.	4.8	54
17	Sequence Conservation of Homeologous Bacterial Artificial Chromosomes and Transcription of Homeologous Genes in Soybean ( <i>Glycine max</i> L. Merr.). <i>Genetics</i> , 2006, 174, 1017-1028.	2.9	45
18	Performance evaluation of virus concentration methods for implementing SARS-CoV-2 wastewater based epidemiology emphasizing quick data turnaround. <i>Science of the Total Environment</i> , 2021, 801, 149656.	8.0	37

#	ARTICLE	IF	CITATIONS
19	Fractionation of Synteny in a Genomic Region Containing Tandemly Duplicated Genes across Glycine max, Medicago truncatula, and Arabidopsis thaliana. Journal of Heredity, 2008, 99, 390-395.	2.4	32
20	Co-expression of soybean Dicer-like genes in response to stress and development. Functional and Integrative Genomics, 2012, 12, 671-682.	3.5	19
21	CONTRAILS: A tool for rapid identification of transgene integration sites in complex, repetitive genomes using low-coverage paired-end sequencing. Genomics Data, 2015, 6, 175-181.	1.3	19
22	Soybean FGAM synthase promoters direct ectopic nematode feeding site activity. Genome, 2004, 47, 404-413.	2.0	18
23	Paralog analyses reveal gene duplication events and genes under positive selection in Ixodes scapularis and other ixodid ticks. BMC Genomics, 2016, 17, 241.	2.8	18
24	Retrotransposons within Syntenic Regions between Soybean and Medicago truncatula and Their Contribution to Local Genome Evolution. Plant Genome, 2009, 2, .	2.8	4
25	Soybean Genome Structure and Organization. , 2008, , 91-99.		1
26	Statistical issues associated with modeling of synonymous mutation data. Statistical Applications in Genetics and Molecular Biology, 2013, 12, 361-74.	0.6	0