

# Todd Blevins

## List of Publications by Year in descending order

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Version: 2024-02-01

29  
papers

3,106  
citations

377584

21  
h-index

536525

29  
g-index

32  
all docs

32  
docs citations

32  
times ranked

3805  
citing authors

#	ARTICLE	IF	CITATIONS
1	Long Noncoding RNAs in Plants. <i>Annual Review of Plant Biology</i> , 2021, 72, 245-271.	8.6	83
2	Non-coding RNA polymerases that silence transposable elements and reprogram gene expression in plants. <i>Transcription</i> , 2020, 11, 172-191.	1.7	19
3	Integrated Genome-Scale Analysis and Northern Blot Detection of Retrotransposon siRNAs Across Plant Species. <i>Methods in Molecular Biology</i> , 2020, 2166, 387-411.	0.4	3
4	The NRPD1 N-terminus contains a Pol IV-specific motif that is critical for genome surveillance in Arabidopsis. <i>Nucleic Acids Research</i> , 2019, 47, 9037-9052.	6.5	14
5	Analysis of siRNA Precursors Generated by RNA Polymerase IV and RNA-Dependent RNA Polymerase 2 in Arabidopsis. <i>Methods in Molecular Biology</i> , 2019, 1933, 33-48.	0.4	1
6	Hybrid incompatibility caused by an epiallele. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 3702-3707.	3.3	45
7	Mutation of <i>Arabidopsis</i> SMC4 identifies condensin as a corepressor of pericentromeric transposons and conditionally expressed genes. <i>Genes and Development</i> , 2017, 31, 1601-1614.	2.7	25
8	Northern Blotting Techniques for Small RNAs. <i>Methods in Molecular Biology</i> , 2017, 1456, 141-162.	0.4	9
9	Chromosome-specific NOR inactivation explains selective rRNA gene silencing and dosage control in <i>Arabidopsis</i> . <i>Genes and Development</i> , 2016, 30, 177-190.	2.7	117
10	Identification of Pol IV and RDR2-dependent precursors of 24 nt siRNAs guiding de novo DNA methylation in Arabidopsis. <i>ELife</i> , 2015, 4, e09591.	2.8	228
11	A Two-Step Process for Epigenetic Inheritance in Arabidopsis. <i>Molecular Cell</i> , 2014, 54, 30-42.	4.5	96
12	Subnuclear partitioning of rRNA genes between the nucleolus and nucleoplasm reflects alternative epiallelic states. <i>Genes and Development</i> , 2013, 27, 1545-1550.	2.7	115
13	Primary and Secondary siRNAs in Geminivirus-induced Gene Silencing. <i>PLoS Pathogens</i> , 2012, 8, e1002941.	2.1	148
14	A Transcription Fork Model for Pol IV and Pol V-Dependent RNA-Directed DNA Methylation. <i>Cold Spring Harbor Symposia on Quantitative Biology</i> , 2012, 77, 205-212.	2.0	73
15	Histone methyltransferases regulating rRNA gene dose and dosage control in <i>Arabidopsis</i> . <i>Genes and Development</i> , 2012, 26, 945-957.	2.7	81
16	Functional Consequences of Subunit Diversity in RNA Polymerases II and V. <i>Cell Reports</i> , 2012, 1, 208-214.	2.9	24
17	Massive production of small RNAs from a non-coding region of Cauliflower mosaic virus in plant defense and viral counter-defense. <i>Nucleic Acids Research</i> , 2011, 39, 5003-5014.	6.5	144
18	Differential sensitivity of Arabidopsis siRNA biogenesis mutants to genotoxic stress. <i>Plant Cell Reports</i> , 2010, 29, 1401-1410.	2.8	24

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19	Arabidopsis Histone Lysine Methyltransferases. <i>Advances in Botanical Research</i> , 2010, 53, 1-22.	0.5	103
20	Nucleolin Is Required for DNA Methylation State and the Expression of rRNA Gene Variants in <i>Arabidopsis thaliana</i> . <i>PLoS Genetics</i> , 2010, 6, e1001225.	1.5	121
21	Mechanisms of HDA6-mediated rRNA gene silencing: suppression of intergenic Pol II transcription and differential effects on maintenance versus siRNA-directed cytosine methylation. <i>Genes and Development</i> , 2010, 24, 1119-1132.	2.7	143
22	Northern Blotting Techniques for Small RNAs. <i>Methods in Molecular Biology</i> , 2010, 631, 87-107.	0.4	14
23	Transgenerational Adaptation of Arabidopsis to Stress Requires DNA Methylation and the Function of Dicer-Like Proteins. <i>PLoS ONE</i> , 2010, 5, e9514.	1.1	416
24	Heterochromatic siRNAs and DDM1 Independently Silence Aberrant 5S rDNA Transcripts in Arabidopsis. <i>PLoS ONE</i> , 2009, 4, e5932.	1.1	42
25	Evolution of Arabidopsis MIR genes generates novel microRNA classes. <i>Nucleic Acids Research</i> , 2008, 36, 6429-6438.	6.5	168
26	The CaMV transactivator/viroplasm interferes with RDR6-dependent trans-acting and secondary siRNA pathways in Arabidopsis. <i>Nucleic Acids Research</i> , 2008, 36, 5896-5909.	6.5	74
27	Four plant Dicers mediate viral small RNA biogenesis and DNA virus induced silencing. <i>Nucleic Acids Research</i> , 2006, 34, 6233-6246.	6.5	434
28	Molecular characterization of geminivirus-derived small RNAs in different plant species. <i>Nucleic Acids Research</i> , 2006, 34, 462-471.	6.5	249
29	RNA SILENCING SYSTEMS AND THEIR RELEVANCE TO PLANT DEVELOPMENT. <i>Annual Review of Cell and Developmental Biology</i> , 2005, 21, 297-318.	4.0	89