

# Julie A Law

## List of Publications by Year in descending order

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Version: 2024-02-01

22  
papers

5,452  
citations

430874

18  
h-index

677142

22  
g-index

26  
all docs

26  
docs citations

26  
times ranked

6810  
citing authors

#	ARTICLE	IF	CITATIONS
1	Establishing, maintaining and modifying DNA methylation patterns in plants and animals. <i>Nature Reviews Genetics</i> , 2010, 11, 204-220.	16.3	3,201
2	Circular ecDNA promotes accessible chromatin and high oncogene expression. <i>Nature</i> , 2019, 575, 699-703.	27.8	343
3	Polymerase IV occupancy at RNA-directed DNA methylation sites requires SHH1. <i>Nature</i> , 2013, 498, 385-389.	27.8	310
4	A Protein Complex Required for Polymerase V Transcripts and RNA- Directed DNA Methylation in <i>Arabidopsis</i> . <i>Current Biology</i> , 2010, 20, 951-956.	3.9	195
5	DDR complex facilitates global association of RNA polymerase V to promoters and evolutionarily young transposons. <i>Nature Structural and Molecular Biology</i> , 2012, 19, 870-875.	8.2	182
6	SHH1, a Homeodomain Protein Required for DNA Methylation, As Well As RDR2, RDM4, and Chromatin Remodeling Factors, Associate with RNA Polymerase IV. <i>PLoS Genetics</i> , 2011, 7, e1002195.	3.5	177
7	SET DOMAIN GROUP2 is the major histone H3 lysine 4 trimethyltransferase in <i>Arabidopsis</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 18557-18562.	7.1	147
8	SRA-Domain Proteins Required for DRM2-Mediated De Novo DNA Methylation. <i>PLoS Genetics</i> , 2008, 4, e1000280.	3.5	141
9	SOG1 activator and MYB3R repressors regulate a complex DNA damage network in <i>Arabidopsis</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E12453-E12462.	7.1	115
10	A dual flip-out mechanism for 5mC recognition by the <i>Arabidopsis</i> SUVH5 SRA domain and its impact on DNA methylation and H3K9 dimethylation in vivo. <i>Genes and Development</i> , 2011, 25, 137-152.	5.9	108
11	Locus-specific control of the de novo DNA methylation pathway in <i>Arabidopsis</i> by the CLASSY family. <i>Nature Genetics</i> , 2018, 50, 865-873.	21.4	103
12	RNA Pol IV and V in gene silencing: Rebel polymerases evolving away from Pol II's rules. <i>Current Opinion in Plant Biology</i> , 2015, 27, 154-164.	7.1	77
13	Identification of genes required for de novo DNA methylation in <i>Arabidopsis</i> . <i>Epigenetics</i> , 2011, 6, 344-354.	2.7	64
14	Dynamic DNA Methylation. <i>Science</i> , 2009, 323, 1568-1569.	12.6	51
15	AmpliconReconstructor integrates NGS and optical mapping to resolve the complex structures of focal amplifications. <i>Nature Communications</i> , 2020, 11, 4374.	12.8	49
16	Directions for research and training in plant omics: Big Questions and Big Data. <i>Plant Direct</i> , 2019, 3, e00133.	1.9	47
17	The CLASSY family controls tissue-specific DNA methylation patterns in <i>Arabidopsis</i> . <i>Nature Communications</i> , 2022, 13, 244.	12.8	35
18	In <i>Trypanosoma brucei</i> RNA Editing, TbMP18 (Band VII) Is Critical for Editosome Integrity and for both Insertional and Deletional Cleavages. <i>Molecular and Cellular Biology</i> , 2007, 27, 777-787.	2.3	24

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19	In <i>Trypanosoma brucei</i> RNA Editing, Band II Enables Recognition Specifically at Each Step of the U Insertion Cycle. <i>Molecular and Cellular Biology</i> , 2005, 25, 2785-2794.	2.3	19
20	<i>Trypanosoma brucei</i> RNA editing protein TbMP42 (band VI) is crucial for the endonucleolytic cleavages but not the subsequent steps of U-deletion and U-insertion. <i>Rna</i> , 2008, 14, 1187-1200.	3.5	18
21	The MBD7 complex promotes expression of methylated transgenes without significantly altering their methylation status. <i>ELife</i> , 2017, 6, .	6.0	18
22	<i>T. brucei</i> RNA editing: Action of the U-insertional TUTase within a U-deletion cycle. <i>Rna</i> , 2006, 12, 476-487.	3.5	8