

# Marjori Matzke

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6681303/publications.pdf>

Version: 2024-02-01

23  
papers

1,106  
citations

516710

16  
h-index

642732

23  
g-index

215  
all docs

215  
docs citations

215  
times ranked

1399  
citing authors

#	ARTICLE	IF	CITATIONS
1	A structural-maintenance-of-chromosomes hinge domain-containing protein is required for RNA-directed DNA methylation. <i>Nature Genetics</i> , 2008, 40, 670-675.	21.4	180
2	A stepwise pathway for biogenesis of 24-nt secondary siRNAs and spreading of DNA methylation. <i>EMBO Journal</i> , 2009, 28, 48-57.	7.8	162
3	Complete Sequence and Comparative Analysis of the Chloroplast Genome of Coconut Palm ( <i>Cocos</i> ) Tj ETQq1 1 0.784314 rgBT /Over 2.5 98		
4	Ion Channels at the Nucleus: Electrophysiology Meets the Genome. <i>Molecular Plant</i> , 2010, 3, 642-652.	8.3	78
5	RNA-directed DNA methylation and plant development require an IWR1-type transcription factor. <i>EMBO Reports</i> , 2010, 11, 65-71.	4.5	77
6	High frequency, cell type-specific visualization of fluorescent-tagged genomic sites in interphase and mitotic cells of living <i>Arabidopsis</i> plants. <i>Plant Methods</i> , 2010, 6, 2.	4.3	58
7	AGO6 Functions in RNA-Mediated Transcriptional Gene Silencing in Shoot and Root Meristems in <i>Arabidopsis thaliana</i> . <i>PLoS ONE</i> , 2011, 6, e25730.	2.5	55
8	Global impacts of chromosomal imbalance on gene expression in <i>Arabidopsis</i> and other taxa. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E11321-E11330.	7.1	51
9	Membrane potential-omics toward voltage imaging at the cell population level in roots of living plants. <i>Frontiers in Plant Science</i> , 2013, 4, 311.	3.6	41
10	Expression and testing in plants of ArcLight, a genetically encoded voltage indicator used in neuroscience research. <i>BMC Plant Biology</i> , 2015, 15, 245.	3.6	37
11	An Rtf2 Domain-Containing Protein Influences Pre-mRNA Splicing and Is Essential for Embryonic Development in <i>Arabidopsis thaliana</i> . <i>Genetics</i> , 2015, 200, 523-535.	2.9	36
12	<i>De Novo</i> Transcriptome Sequence Assembly from Coconut Leaves and Seeds with a Focus on Factors Involved in RNA-Directed DNA Methylation. <i>G3: Genes, Genomes, Genetics</i> , 2014, 4, 2147-2157.	1.8	33
13	A Genetic Screen for Pre-mRNA Splicing Mutants of <i>Arabidopsis thaliana</i> Identifies Putative U1 snRNP Components RBM25 and PRP39a. <i>Genetics</i> , 2017, 207, 1347-1359.	2.9	28
14	Distinct and concurrent pathways of Pol II and Pol IV dependent siRNA biogenesis at a repetitive transsilencer locus in <i>Arabidopsis thaliana</i> . <i>Plant Journal</i> , 2014, 79, 127-138.	5.7	25
15	GFP Loss-of-Function Mutations in <i>Arabidopsis thaliana</i> . <i>G3: Genes, Genomes, Genetics</i> , 2015, 5, 1849-1855.	1.8	25
16	A Collection of Pre-mRNA Splicing Mutants in <i>Arabidopsis thaliana</i> . <i>G3: Genes, Genomes, Genetics</i> , 2020, 10, 1983-1996.	1.8	21
17	A genetic screen implicates a CWC16/Yju2/CCDC130 protein and SMU1 in alternative splicing in <i>Arabidopsis thaliana</i> . <i>Rna</i> , 2017, 23, 1068-1079.	3.5	20
18	PRP4KA, a Putative Spliceosomal Protein Kinase, Is Important for Alternative Splicing and Development in <i>Arabidopsis thaliana</i> . <i>Genetics</i> , 2018, 210, 1267-1285.	2.9	20

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19	The Ability to Form Homodimers Is Essential for RDM1 to Function in RNA-Directed DNA Methylation. PLoS ONE, 2014, 9, e88190.	2.5	16
20	Identification of Coilin Mutants in a Screen for Enhanced Expression of an Alternatively Spliced GFP Reporter Gene in Arabidopsis thaliana. Genetics, 2016, 203, 1709-1720.	2.9	15
21	A Genetic Screen Identifies PRP18a, a Putative Second Step Splicing Factor Important for Alternative Splicing and a Normal Phenotype in Arabidopsis thaliana. G3: Genes, Genomes, Genetics, 2018, 8, 1367-1377.	1.8	15
22	Evidence That Ion-Based Signaling Initiating at the Cell Surface Can Potentially Influence Chromatin Dynamics and Chromatin-Bound Proteins in the Nucleus. Frontiers in Plant Science, 2019, 10, 1267.	3.6	8
23	Unusual Case of Apparent Hypermutation in Arabidopsis thaliana. Genetics, 2012, 192, 1271-1280.	2.9	7