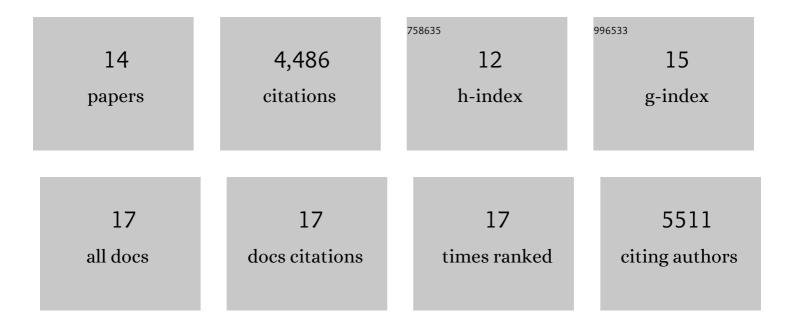
Assaf Zemach

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Contiguous and stochastic CHH methylation patterns of plant DRM2 and CMT2 revealed by single-read methylome analysis. Genome Biology, 2020, 21, 194.	3.8	15
2	DNA methylation mutants in <i>Physcomitrella patens</i> elucidate individual roles of CG and non-CG methylation in genome regulation. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 33700-33710.	3.3	21
3	DNA methylation is maintained with high fidelity in the honey bee germline and exhibits global non-functional fluctuations during somatic development. Epigenetics and Chromatin, 2019, 12, 62.	1.8	50
4	RdDM-independent de novo and heterochromatin DNA methylation by plant CMT and DNMT3 orthologs. Nature Communications, 2019, 10, 1613.	5.8	46
5	The COP9 signalosome influences the epigenetic landscape of <i>Arabidopsis thaliana</i> . Bioinformatics, 2019, 35, 2718-2723.	1.8	9
6	CMT3 and SUVH4/KYP silence the exonic Evelknievel retroelement to allow for reconstitution of CMT1 mRNA. Epigenetics and Chromatin, 2018, 11, 69.	1.8	5
7	Mutation of a major CG methylase in rice causes genome-wide hypomethylation, dysregulated genome expression, and seedling lethality. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 10642-10647.	3.3	149
8	The Arabidopsis Nucleosome Remodeler DDM1 Allows DNA Methyltransferases to Access H1-Containing Heterochromatin. Cell, 2013, 153, 193-205.	13.5	914
9	Active DNA Demethylation in Plant Companion Cells Reinforces Transposon Methylation in Gametes. Science, 2012, 337, 1360-1364.	6.0	445
10	Genome-Wide Evolutionary Analysis of Eukaryotic DNA Methylation. Science, 2010, 328, 916-919.	6.0	1,598
11	Evolution of Eukaryotic DNA Methylation and the Pursuit of Safer Sex. Current Biology, 2010, 20, R780-R785.	1.8	160
12	Local DNA hypomethylation activates genes in rice endosperm. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 18729-18734.	3.3	342
13	Genome-Wide Demethylation of <i>Arabidopsis</i> Endosperm. Science, 2009, 324, 1451-1454.	6.0	628
14	Methyl-CpG-binding domain proteins in plants: interpreters of DNA methylation. Trends in Plant Science, 2007, 12, 80-85.	4.3	100