Chad E Niederhuth

List of Publications by Year
in descending order

19	2,539	567281 15	794594 19
papers	citations	h-index	g-index

28	28	28	3841
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Replaying the evolutionary tape to investigate subgenome dominance in allopolyploid Brassica napus. New Phytologist, 2021, 230, 354-371.	7.3	57
2	Prenatal testosterone triggers long-term behavioral changes in male zebra finches: unravelling the neurogenomic mechanisms. BMC Genomics, 2021, 22, 158.	2.8	7
3	Intertwined evolution of plant epigenomes and genomes. Current Opinion in Plant Biology, 2021, 61, 101990.	7.1	15
4	Epigenetics and epigenomics: underlying mechanisms, relevance, and implications in crop improvement. Functional and Integrative Genomics, 2020, 20, 739-761.	3.5	37
5	Establishment, maintenance, and biological roles of non-CG methylation in plants. Essays in Biochemistry, 2019, 63, 743-755.	4.7	49
6	Single-molecule sequencing and optical mapping yields an improved genome of woodland strawberry (Fragaria vesca) with chromosome-scale contiguity. GigaScience, 2018, 7, 1-7.	6.4	209
7	Epigenetic Diversity and Application to Breeding. Advances in Botanical Research, 2018, , 49-86.	1.1	5
8	The evolution of CHROMOMETHYLASES and gene body DNA methylation in plants. Genome Biology, 2017, 18, 65.	8.8	124
9	Putting DNA methylation in context: from genomes to gene expression in plants. Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms, 2017, 1860, 149-156.	1.9	147
10	A Comparative Analysis of 5-Azacytidine- and Zebularine-Induced DNA Demethylation. G3: Genes, Genomes, Genetics, 2016, 6, 2773-2780.	1.8	104
11	Widespread natural variation of DNA methylation within angiosperms. Genome Biology, 2016, 17, 194.	8.8	436
12	On the origin and evolutionary consequences of gene body DNA methylation. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 9111-9116.	7.1	260
13	The genome sequences of Arachis duranensis and Arachis ipaensis, the diploid ancestors of cultivated peanut. Nature Genetics, 2016, 48, 438-446.	21.4	761
14	From Gigabyte to Kilobyte: A Bioinformatics Protocol for Mining Large RNA-Seq Transcriptomics Data. PLoS ONE, 2015, 10, e0125000.	2.5	7
15	The Dnmt3L ADD Domain Controls Cytosine Methylation Establishment during Spermatogenesis. Cell Reports, 2015, 10, 944-956.	6.4	39
16	Covering Your Bases: Inheritance of DNA Methylation in Plant Genomes. Molecular Plant, 2014, 7, 472-480.	8.3	80
17	pENCODE: A Plant Encyclopedia of DNA Elements. Annual Review of Genetics, 2014, 48, 49-70.	7.6	38
18	Transcriptional profiling of the Arabidopsis abscission mutant hae hsl2by RNA-Seq. BMC Genomics, 2013, 14, 37.	2.8	78

#	Article	IF	Citations
19	Letting Go is Never Easy: Abscission and Receptorâ€<scp>L</scp>ike Protein Kinases. Journal of Integrative Plant Biology, 2013, 55, 1251-1263.	8.5	55