Monika Cechova

List of Publications by Year
in descending order

13	483	1040056 9	1199594 12
papers	citations	h-index	g-index

20	20	20	1008
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Analysis of plastid and mitochondrial DNA insertions in the nucleus (NUPTs and NUMTs) of six plant species: size, relative age and chromosomal localization. Heredity, 2013, 111, 314-320.	2.6	114
2	A time- and cost-effective strategy to sequence mammalian Y Chromosomes: an application to the de novo assembly of gorilla Y. Genome Research, 2016, 26, 530-540.	5.5	99
3	Expansion of Microsatellites on Evolutionary Young Y Chromosome. PLoS ONE, 2013, 8, e45519.	2.5	59
4	Long-read sequencing technology indicates genome-wide effects of non-B DNA on polymerization speed and error rate. Genome Research, 2018, 28, 1767-1778.	5.5	55
5	High Satellite Repeat Turnover in Great Apes Studied with Short- and Long-Read Technologies. Molecular Biology and Evolution, 2019, 36, 2415-2431.	8.9	43
6	Noise-cancelling repeat finder: uncovering tandem repeats in error-prone long-read sequencing data. Bioinformatics, 2019, 35, 4809-4811.	4.1	37
7	Dynamic evolution of great ape Y chromosomes. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 26273-26280.	7.1	22
8	Fully automated pipeline for detection of sex linked genes using RNA-Seq data. BMC Bioinformatics, 2015, 16, 78.	2.6	15
9	RecoverY: k-mer-based read classification for Y-chromosome-specific sequencing and assembly. Bioinformatics, 2018, 34, 1125-1131.	4.1	15
10	Ten simple rules for biologists initiating a collaboration with computer scientists. PLoS Computational Biology, 2020, 16, e1008281.	3.2	5
11	Probably Correct: Rescuing Repeats with Short and Long Reads. Genes, 2021, 12, 48.	2.4	5
12	Satellite DNAs and human sex chromosome variation. Seminars in Cell and Developmental Biology, 2022, 128, 15-25.	5.0	3
13	Boosting the potential of cattle breeding using molecular biology, genetics, and bioinformatics approaches â€“ a review. Acta Veterinaria Brno, 2021, 90, 145-154.	0.5	0