

Monika Cechova

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

483
citations

1040056

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1199594

12
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20
docs citations

20
times ranked

1008
citing authors

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