Andrey V Bzikadze

List of Publications by Year
in descending order

13 papers	2,630 citations	1051969 10 h-index	1336881 12 g-index
21 all docs	21 docs citations	21 times ranked	2407 citing authors

#	Article	IF	Citations
1	Multiplex de Bruijn graphs enable genome assembly from long, high-fidelity reads. Nature Biotechnology, 2022, 40, 1075-1081.	9.4	41
2	Chasing perfection: validation and polishing strategies for telomere-to-telomere genome assemblies. Nature Methods, 2022, 19, 687-695.	9.0	42
3	Complete genomic and epigenetic maps of human centromeres. Science, 2022, 376, eabl4178.	6.0	204
4	The complete sequence of a human genome. Science, 2022, 376, 44-53.	6.0	1,222
5	Automated annotation of human centromeres with HORmon. Genome Research, 2022, , gr.276362.121.	2.4	11
6	The structure, function and evolution of a complete human chromosome 8. Nature, 2021, 593, 101-107.	13.7	221
7	CentromereArchitect: inference and analysis of the architecture of centromeres. Bioinformatics, 2021, 37, i196-i204.	1.8	15
8	Automated assembly of centromeres from ultra-long error-prone reads. Nature Biotechnology, 2020, 38, 1309-1316.	9.4	45
9	TandemTools: mapping long reads and assessing/improving assembly quality in extra-long tandem repeats. Bioinformatics, 2020, 36, i75-i83.	1.8	40
10	The string decomposition problem and its applications to centromere analysis and assembly. Bioinformatics, 2020, 36, i93-i101.	1.8	28
11	Telomere-to-telomere assembly of a complete human X chromosome. Nature, 2020, 585, 79-84.	13.7	549
12	Reconstructing Antibody Repertoires from Error-Prone Immunosequencing Reads. Journal of Immunology, 2017, 199, 3369-3380.	0.4	37
13	On some statistical properties of the â€œBook Stackâ€•transformation. Vestnik St Petersburg University: Mathematics, 2016, 49, 305-312.	0.1	0