

Jarno Mäkelä

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

365
citations

1039880

9
h-index

996849

15
g-index

18
all docs

18
docs citations

18
times ranked

466
citing authors

#	ARTICLE	IF	CITATIONS
1	Nonrandom segregation of sister chromosomes by Escherichia coli MukBEF. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, e2022078118.	3.3	11
2	Competitive binding of MatP and topoisomerase IV to the MukB hinge domain. ELife, 2021, 10, .	2.8	8
3	Acyl carrier protein promotes MukBEF action in Escherichia coli chromosome organization-segregation. Nature Communications, 2021, 12, 6721.	5.8	12
4	Organization of the Escherichia coli Chromosome by a MukBEF Axial Core. Molecular Cell, 2020, 78, 250-260.e5.	4.5	81
5	Catching an invader. Nature Reviews Microbiology, 2020, 18, 194-194.	13.6	0
6	SMC complexes organize the bacterial chromosome by lengthwise compaction. Current Genetics, 2020, 66, 895-899.	0.8	23
7	Dynamic architecture of the Escherichia coli structural maintenance of chromosomes (SMC) complex, MukBEF. Nucleic Acids Research, 2019, 47, 9696-9707.	6.5	20
8	Choosing the right label for single-molecule tracking in live bacteria: side-by-side comparison of photoactivatable fluorescent protein and Halo tag dyes. Journal Physics D: Applied Physics, 2019, 52, 064002.	1.3	51
9	Self-organised segregation of bacterial chromosomal origins. ELife, 2019, 8, .	2.8	27
10	ESTOOLS Data@Hand: human stem cell gene expression resource. Nature Methods, 2013, 10, 814-815.	9.0	4
11	In vivo single-molecule kinetics of activation and subsequent activity of the arabinose promoter. Nucleic Acids Research, 2013, 41, 6544-6552.	6.5	26
12	Mytoe: automatic analysis of mitochondrial dynamics. Bioinformatics, 2012, 28, 1050-1051.	1.8	54
13	Effects of codon sequence on the dynamics of genetic networks. Journal of Theoretical Biology, 2012, 315, 17-25.	0.8	9
14	Dynamics of transcription of closely spaced promoters in Escherichia coli, one event at a time. Journal of Theoretical Biology, 2012, 301, 83-94.	0.8	6
15	Stochastic sequence-level model of coupled transcription and translation in prokaryotes. BMC Bioinformatics, 2011, 12, 121.	1.2	29
16	Automatic detection of changes in the dynamics of delayed stochastic gene networks and in vivo production of RNA molecules in Escherichia coli. Bioinformatics, 2011, 27, 2714-2720.	1.8	4