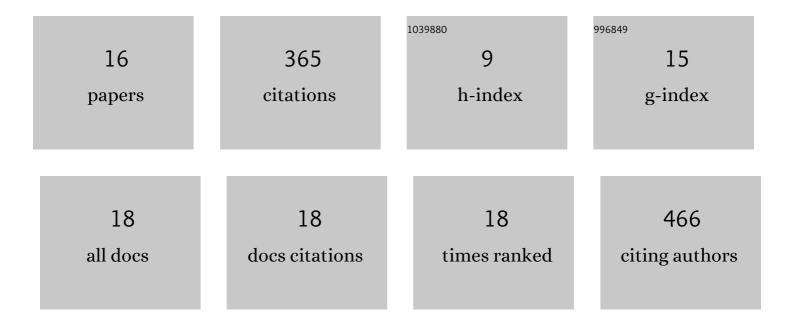
Jarno Mäkelä

List of Publications by Year in descending order

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ΙΔΡΝΟ ΜΑσει Ασ

#	Article	IF	CITATIONS
1	Organization of the Escherichia coli Chromosome by a MukBEF Axial Core. Molecular Cell, 2020, 78, 250-260.e5.	4.5	81
2	Mytoe: automatic analysis of mitochondrial dynamics. Bioinformatics, 2012, 28, 1050-1051.	1.8	54
3	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
4	Stochastic sequence-level model of coupled transcription and translation in prokaryotes. BMC Bioinformatics, 2011, 12, 121.	1.2	29
5	Self-organised segregation of bacterial chromosomal origins. ELife, 2019, 8, .	2.8	27
6	In vivo single-molecule kinetics of activation and subsequent activity of the arabinose promoter. Nucleic Acids Research, 2013, 41, 6544-6552.	6.5	26
7	SMC complexes organize the bacterial chromosome by lengthwise compaction. Current Genetics, 2020, 66, 895-899.	0.8	23
8	Dynamic architecture of the Escherichia coli structural maintenance of chromosomes (SMC) complex, MukBEF. Nucleic Acids Research, 2019, 47, 9696-9707.	6.5	20
9	Acyl carrier protein promotes MukBEF action in Escherichia coli chromosome organization-segregation. Nature Communications, 2021, 12, 6721.	5.8	12
10	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
11	Effects of codon sequence on the dynamics of genetic networks. Journal of Theoretical Biology, 2012, 315, 17-25.	0.8	9
12	Competitive binding of MatP and topoisomerase IV to the MukB hinge domain. ELife, 2021, 10, .	2.8	8
13	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
14	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
15	ESTOOLS Data@Hand: human stem cell gene expression resource. Nature Methods, 2013, 10, 814-815.	9.0	4
16	Catching an invader. Nature Reviews Microbiology, 2020, 18, 194-194.	13.6	0