

Lidia K Arciszewska

List of Publications by Year in descending order

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Version: 2024-02-01

9
papers

332
citations

1162889

8
h-index

1474057

9
g-index

14
all docs

14
docs citations

14
times ranked

370
citing authors

#	ARTICLE	IF	CITATIONS
1	MatP regulates the coordinated action of topoisomerase IV and MukBEF in chromosome segregation. <i>Nature Communications</i> , 2016, 7, 10466.	5.8	114
2	Single-Molecule Imaging of FtsK Translocation Reveals Mechanistic Features of Protein-Protein Collisions on DNA. <i>Molecular Cell</i> , 2014, 54, 832-843.	4.5	58
3	MukB ATPases are regulated independently by the N- and C-terminal domains of MukF kleisin. <i>ELife</i> , 2018, 7, .	2.8	50
4	KOPSâ€guided DNA translocation by FtsK safeguards <i>Escherichia coli</i> chromosome segregation. <i>Molecular Microbiology</i> , 2009, 71, 1031-1042.	1.2	32
5	Dynamic architecture of the <i>Escherichia coli</i> structural maintenance of chromosomes (SMC) complex, MukBEF. <i>Nucleic Acids Research</i> , 2019, 47, 9696-9707.	6.5	20
6	Activation of Xer-recombination at dif: structural basis of the FtsKâ€XerD interaction. <i>Scientific Reports</i> , 2016, 6, 33357.	1.6	17
7	Assembly, translocation, and activation of XerCD-difrecombination by FtsK translocase analyzed in real-time by FRET and two-color tethered fluorophore motion. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E5133-E5141.	3.3	14
8	Acyl carrier protein promotes MukBEF action in <i>Escherichia coli</i> chromosome organization-segregation. <i>Nature Communications</i> , 2021, 12, 6721.	5.8	12
9	Competitive binding of MatP and topoisomerase IV to the MukB hinge domain. <i>ELife</i> , 2021, 10, .	2.8	8