

# Shogo Ozaki

## List of Publications by Year in descending order

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30  
papers

1,272  
citations

528359

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docs citations

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times ranked

1032  
citing authors

#	ARTICLE	IF	CITATIONS
1	Frequent nonhomologous replacement of replicative helicase loaders by viruses in <i>Vibrionaceae</i> . Proceedings of the National Academy of Sciences of the United States of America, 2024, 121, .	7.6	0
2	Single-stranded DNA recruitment mechanism in replication origin unwinding by DnaA initiator protein and HU, an evolutionary ubiquitous nucleoid protein. Nucleic Acids Research, 2023, 51, 6286-6306.	14.0	9
3	<i>Thermotoga maritima</i> oriC involves a DNA unwinding element with distinct modules and a DnaA-oligomerizing region with a novel directional binding mode. Journal of Biological Chemistry, 2023, 299, 104888.	3.5	2
4	IHF and Fis as <i>Escherichia coli</i> Cell Cycle Regulators: Activation of the Replication Origin oriC and the Regulatory Cycle of the DnaA Initiator. International Journal of Molecular Sciences, 2023, 24, 11572.	4.2	5
5	Concerted actions of DnaA complexes with DNA-unwinding sequences within and flanking replication origin oriC promote DnaB helicase loading. Journal of Biological Chemistry, 2022, 298, 102051.	3.5	8
6	The <i>Caulobacter crescentus</i> DciA promotes chromosome replication through topological loading of the DnaB replicative helicase at replication forks. Nucleic Acids Research, 2022, 50, 12896-12912.	14.0	4
7	Z-Ring-Associated Proteins Regulate Clustering of the Replication Terminus-Binding Protein ZapT in <i>Caulobacter crescentus</i> . MBio, 2021, 12, .	4.4	9
8	Negative feedback for <i>DARS2</i> Fis complex by ATP-DnaA supports the cell cycle-coordinated regulation for chromosome replication. Nucleic Acids Research, 2021, 49, 12820-12835.	14.0	12
9	DnaB helicase is recruited to the replication initiation complex via binding of DnaA domain I to the lateral surface of the DnaB N-terminal domain. Journal of Biological Chemistry, 2020, 295, 11131-11143.	3.5	18
10	Novel Divisome-Associated Protein Spatially Coupling the Z-Ring with the Chromosomal Replication Terminus in <i>Caulobacter crescentus</i> . MBio, 2020, 11, .	4.4	16
11	A novel mode of DnaA-DnaA interaction promotes ADP dissociation for reactivation of replication initiation activity. Nucleic Acids Research, 2019, 47, 11209-11224.	14.0	14
12	Regulation of replication initiation: lessons from <i>Caulobacter crescentus</i> . Genes and Genetic Systems, 2019, 94, 183-196.	0.7	7
13	<i>Escherichia coli</i> CrfC Protein, a Nucleoid Partition Factor, Localizes to Nucleoid Poles via the Activities of Specific Nucleoid-Associated Proteins. Frontiers in Microbiology, 2019, 10, 72.	3.6	8
14	The DnaA AAA+ Domain His136 Residue Directs DnaB Replicative Helicase to the Unwound Region of the Replication Origin, oriC. Frontiers in Microbiology, 2018, 9, 2017.	3.6	13
15	Bacterial second messenger switches enzyme into 'reverse gear'. Acta Crystallographica Section A: Foundations and Advances, 2017, 73, C244-C244.	0.1	0
16	Cyclic di-GMP mediates a histidine kinase/phosphatase switch by noncovalent domain cross-linking. Science Advances, 2016, 2, e1600823.	10.9	70
17	Expression and Genetic Activation of Cyclic Di-GMP-Specific Phosphodiesterases in <i>Escherichia coli</i> . Journal of Bacteriology, 2016, 198, 448-462.	2.4	51
18	Activation and polar sequestration of <i>PopA</i> , a c-di-GMP effector protein involved in <i>Caulobacter crescentus</i> cell cycle control. Molecular Microbiology, 2014, 94, 580-594.	2.5	54

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19	A Replicase Clamp-Binding Dynamin-like Protein Promotes Colocalization of Nascent DNA Strands and Equipartitioning of Chromosomes in <i>E. coli</i> . <i>Cell Reports</i> , 2013, 4, 985-995.	6.3	31
20	De- and repolarization mechanism of flagellar morphogenesis during a bacterial cell cycle. <i>Genes and Development</i> , 2013, 27, 2049-2062.	5.9	53
21	Highly organized DnaA-oriC complexes recruit the single-stranded DNA for replication initiation. <i>Nucleic Acids Research</i> , 2012, 40, 1648-1665.	14.0	109
22	Differentiation of the DnaA-oriC Subcomplex for DNA Unwinding in a Replication Initiation Complex. <i>Journal of Biological Chemistry</i> , 2012, 287, 37458-37471.	3.5	65
23	Stable nucleotide binding to DnaA requires a specific glutamic acid residue within the AAA+ box II motif. <i>Journal of Structural Biology</i> , 2012, 179, 242-250.	2.9	10
24	Regulation of the replication cycle: conserved and diverse regulatory systems for DnaA and oriC. <i>Nature Reviews Microbiology</i> , 2010, 8, 163-170.	29.2	274
25	DnaA structure, function, and dynamics in the initiation at the chromosomal origin. <i>Plasmid</i> , 2009, 62, 71-82.	1.4	81
26	A Common Mechanism for the ATP-DnaA-dependent Formation of Open Complexes at the Replication Origin. <i>Journal of Biological Chemistry</i> , 2008, 283, 8351-8362.	3.5	125
27	The interaction of DiaA and DnaA regulates the replication cycle in <i>E. coli</i> by directly promoting ATP-DnaA-specific initiation complexes. <i>Genes and Development</i> , 2007, 21, 2083-2099.	5.9	128
28	The exceptionally tight affinity of DnaA for ATP/ADP requires a unique aspartic acid residue in the AAA+ sensor 1 motif. <i>Molecular Microbiology</i> , 2006, 62, 1310-1324.	2.5	39
29	The DnaA homolog of the hyperthermophilic eubacterium <i>Thermotoga maritima</i> forms an open complex with a minimal 149-bp origin region in an ATP-dependent manner. <i>Genes To Cells</i> , 2006, 11, 425-438.	1.3	33
30	Novel heat shock protein HspQ stimulates the degradation of mutant DnaA protein in <i>Escherichia coli</i> . <i>Genes To Cells</i> , 2004, 9, 1151-1166.	1.3	22