

Slobodan Jergic

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

812
citations

687363

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752698

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26
all docs

26
docs citations

26
times ranked

922
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanism of transcription modulation by the transcription-repair coupling factor. <i>Nucleic Acids Research</i> , 2022, 50, 5688-5712.	14.5	6
2	DnaB helicase dynamics in bacterial DNA replication resolved by single-molecule studies. <i>Nucleic Acids Research</i> , 2021, 49, 6804-6816.	14.5	18
3	Single-molecule live-cell imaging reveals RecB-dependent function of DNA polymerase IV in double strand break repair. <i>Nucleic Acids Research</i> , 2020, 48, 8490-8508.	14.5	15
4	A Primase-Induced Conformational Switch Controls the Stability of the Bacterial Replisome. <i>Molecular Cell</i> , 2020, 79, 140-154.e7.	9.7	18
5	Development of a single-stranded DNA-binding protein fluorescent fusion toolbox. <i>Nucleic Acids Research</i> , 2020, 48, 6053-6067.	14.5	16
6	Selective loading and processing of prespacers for precise CRISPR adaptation. <i>Nature</i> , 2020, 579, 141-145.	27.8	46
7	Recycling of single-stranded DNA-binding protein by the bacterial replisome. <i>Nucleic Acids Research</i> , 2019, 47, 4111-4123.	14.5	51
8	Nuclease dead Cas9 is a programmable roadblock for DNA replication. <i>Scientific Reports</i> , 2019, 9, 13292.	3.3	45
9	A gatekeeping function of the replicative polymerase controls pathway choice in the resolution of lesion-stalled replisomes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 25591-25601.	7.1	17
10	Spatial and temporal organization of RecA in the Escherichia coli DNA-damage response. <i>ELife</i> , 2019, 8, .	6.0	48
11	What is all this fuss about Tus? Comparison of recent findings from biophysical and biochemical experiments. <i>Critical Reviews in Biochemistry and Molecular Biology</i> , 2018, 53, 49-63.	5.2	13
12	Structure-activity relationships of pyrazole-4-carbodithioates as antibacterials against methicillin-resistant Staphylococcus aureus. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2018, 28, 3526-3528.	2.2	10
13	Design of DNA rolling-circle templates with controlled fork topology to study mechanisms of DNA replication. <i>Analytical Biochemistry</i> , 2018, 557, 42-45.	2.4	19
14	Single-molecule visualization of fast polymerase turnover in the bacterial replisome. <i>ELife</i> , 2017, 6, .	6.0	107
15	Two mechanisms coordinate replication termination by the Escherichia coli Tus-Ter complex. <i>Nucleic Acids Research</i> , 2015, 43, 5924-5935.	14.5	18
16	Strand separation establishes a sustained lock at the Tus-Ter replication fork barrier. <i>Nature Chemical Biology</i> , 2015, 11, 579-585.	8.0	38
17	Polymerase exchange on single DNA molecules reveals processivity clamp control of translesion synthesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 7647-7652.	7.1	76
18	DNA Replication Is the Target for the Antibacterial Effects of Nonsteroidal Anti-Inflammatory Drugs. <i>Chemistry and Biology</i> , 2014, 21, 481-487.	6.0	102

#	ARTICLE	IF	CITATIONS
19	A direct proofreaderâ€œclamp interaction stabilizes the Pol III replicase in the polymerization mode. EMBO Journal, 2013, 32, 1322-1333.	7.8	85
20	A New Role for the Proofreader in Bacterial DNA Replication. FASEB Journal, 2012, 26, 739.4.	0.5	0
21	Subunit exchange and DNAâ€binding dynamics of Escherichia coli singleâ€stranded DNA binding protein (SSB). FASEB Journal, 2010, 24, .	0.5	0
22	Defining the Structural Basis of Human Plasminogen Binding by Streptococcal Surface Enolase. Journal of Biological Chemistry, 2009, 284, 17129-17137.	3.4	61