

Grant D Schauer

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

538
citations

1040056

9
h-index

1372567

10
g-index

11
all docs

11
docs citations

11
times ranked

500
citing authors

#	ARTICLE	IF	CITATIONS
1	Reconstitution of a eukaryotic replisome reveals suppression mechanisms that define leading/lagging strand operation. <i>ELife</i> , 2015, 4, e04988.	6.0	115
2	Mcm10 promotes rapid isomerization of CMG-DNA for replisome bypass of lagging strand DNA blocks. <i>ELife</i> , 2017, 6, .	6.0	79
3	Tunability of DNA Polymerase Stability during Eukaryotic DNA Replication. <i>Molecular Cell</i> , 2020, 77, 17-25.e5.	9.7	71
4	Single-molecule visualization of <i>Saccharomyces cerevisiae</i> leading-strand synthesis reveals dynamic interaction between MTC and the replisome. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 10630-10635.	7.1	57
5	Structure of the polymerase μ holoenzyme and atomic model of the leading strand replisome. <i>Nature Communications</i> , 2020, 11, 3156.	12.8	57
6	Quality control mechanisms exclude incorrect polymerases from the eukaryotic replication fork. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 675-680.	7.1	50
7	Nuclease dead Cas9 is a programmable roadblock for DNA replication. <i>Scientific Reports</i> , 2019, 9, 13292.	3.3	45
8	Replisome bypass of a protein-based R-loop block by Pif1. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 30354-30361.	7.1	35
9	Visualization of uracils created by APOBEC3A using UdgX shows colocalization with RPA at stalled replication forks. <i>Nucleic Acids Research</i> , 2020, 48, e118-e118.	14.5	19
10	In vitro Assays for Eukaryotic Leading/Lagging Strand DNA Replication. <i>Bio-protocol</i> , 2017, 7, .	0.4	10
11	Biochemical and single-molecule techniques to study accessory helicase resolution of R-loop proteins at stalled replication forks. <i>Methods in Enzymology</i> , 2022, , .	1.0	0