

Karim Labib

List of Publications by Year in descending order

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147801

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docs citations

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times ranked

3637
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#	ARTICLE	IF	CITATIONS
1	Spt5 histone binding activity preserves chromatin during transcription by RNA polymerase II. <i>EMBO Journal</i> , 2022, 41, e109783.	7.8	14
2	CUL2 ^{>} LRR1 ^{</sup>, TRAIP and p97 control CMG helicase disassembly in the mammalian cell cycle. <i>EMBO Reports</i>, 2021, 22, e52164.}	4.5	25
3	Identifying SARS-CoV-2 antiviral compounds by screening for small molecule inhibitors of nsp14/nsp10 exoribonuclease. <i>Biochemical Journal</i> , 2021, 478, 2445-2464.	3.7	32
4	Identifying SARS-CoV-2 antiviral compounds by screening for small molecule inhibitors of Nsp5 main protease. <i>Biochemical Journal</i> , 2021, 478, 2499-2515.	3.7	46
5	Identifying SARS-CoV-2 antiviral compounds by screening for small molecule inhibitors of Nsp3 papain-like protease. <i>Biochemical Journal</i> , 2021, 478, 2517-2531.	3.7	49
6	Identifying SARS-CoV-2 antiviral compounds by screening for small molecule inhibitors of Nsp14 RNA cap methyltransferase. <i>Biochemical Journal</i> , 2021, 478, 2481-2497.	3.7	39
7	TIMELESS [€] TIPIN and UBXN [€] promote replisome disassembly during DNA replication termination in <i><i>Caenorhabditis elegans</i></i> . <i>EMBO Journal</i> , 2021, 40, e108053.	7.8	23
8	Reconstitution of human CMG helicase ubiquitylation by CUL2LRR1 and multiple E2 enzymes. <i>Biochemical Journal</i> , 2021, 478, 2825-2842.	3.7	4
9	Identifying SARS-CoV-2 antiviral compounds by screening for small molecule inhibitors of nsp15 endoribonuclease. <i>Biochemical Journal</i> , 2021, 478, 2465-2479.	3.7	43
10	CMG helicase disassembly is controlled by replication fork DNA, replisome components and a ubiquitin threshold. <i>ELife</i> , 2020, 9, .	6.0	48
11	Mitotic CDK Promotes Replisome Disassembly, Fork Breakage, and Complex DNA Rearrangements. <i>Molecular Cell</i> , 2019, 73, 915-929.e6.	9.7	110
12	TRAIP drives replisome disassembly and mitotic DNA repair synthesis at sites of incomplete DNA replication. <i>ELife</i> , 2019, 8, .	6.0	57
13	LEM-3 is a midbody-tethered DNA nuclease that resolves chromatin bridges during late mitosis. <i>Nature Communications</i> , 2018, 9, 728.	12.8	37
14	The Mcm2-Ctf4-Pol [±] Axis Facilitates Parental Histone H3-H4 Transfer to Lagging Strands. <i>Molecular Cell</i> , 2018, 72, 140-151.e3.	9.7	129
15	The conserved LEM-3/Ankle1 nuclease is involved in the combinatorial regulation of meiotic recombination repair and chromosome segregation in <i>Caenorhabditis elegans</i> . <i>PLoS Genetics</i> , 2018, 14, e1007453.	3.5	22
16	Histone H2A [€] H2B binding by Pol [±] in the eukaryotic replisome contributes to the maintenance of repressive chromatin. <i>EMBO Journal</i> , 2018, 37, .	7.8	55
17	CUL-2LRR-1 and UBXN-3 drive replisome disassembly during DNA replication termination and [€] mitosis. <i>Nature Cell Biology</i> , 2017, 19, 468-479.	10.3	81
18	Ufd1-Npl4 Recruit Cdc48 for Disassembly of Ubiquitylated CMG Helicase at the End of Chromosome Replication. <i>Cell Reports</i> , 2017, 18, 3033-3042.	6.4	38

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19	Targeting the Genome's Stability Hub Ctf4 by Stapled Peptide Design. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 12866-12872.	13.8	22
20	Targeting the Genome's Stability Hub Ctf4 by Stapled Peptide Design. <i>Angewandte Chemie</i> , 2017, 129, 13046-13052.	2.0	2
21	Chromosome Duplication in <i>Saccharomyces cerevisiae</i> . <i>Genetics</i> , 2016, 203, 1027-1067.	2.9	323
22	Ctf4 Is a Hub in the Eukaryotic Replisome that Links Multiple CIP-Box Proteins to the CMG Helicase. <i>Molecular Cell</i> , 2016, 63, 385-396.	9.7	107
23	MINDY-1 Is a Member of an Evolutionarily Conserved and Structurally Distinct New Family of Deubiquitinating Enzymes. <i>Molecular Cell</i> , 2016, 63, 146-155.	9.7	297
24	The Replisome-Coupled E3 Ubiquitin Ligase Rtt101Mms22 Counteracts Mrc1 Function to Tolerate Genotoxic Stress. <i>PLoS Genetics</i> , 2016, 12, e1005843.	3.5	29
25	Both Chromosome Decondensation and Condensation Are Dependent on DNA Replication in <i>C.Âelegans</i> Embryos. <i>Cell Reports</i> , 2015, 12, 405-417.	6.4	31
26	Tethering of SCFDia2 to the Replisome Promotes Efficient Ubiquitylation and Disassembly of the CMG Helicase. <i>Current Biology</i> , 2015, 25, 2254-2259.	3.9	37
27	A conserved PolII binding module in Ctf18-RFC is required for S-phase checkpoint activation downstream of Mec1. <i>Nucleic Acids Research</i> , 2015, 43, 8830-8838.	14.5	48
28	A Ctf4 trimer couples the CMG helicase to DNA polymerase δ in the eukaryotic replisome. <i>Nature</i> , 2014, 510, 293-297.	27.8	186
29	Cdc48 and a ubiquitin ligase drive disassembly of the CMG helicase at the end of DNA replication. <i>Science</i> , 2014, 346, 1253-1259.	12.6	188
30	Eukaryotic Replisome Components Cooperate to Process Histones During Chromosome Replication. <i>Cell Reports</i> , 2013, 3, 892-904.	6.4	157
31	Dpb2 Integrates the Leading-Strand DNA Polymerase into the Eukaryotic Replisome. <i>Current Biology</i> , 2013, 23, 543-552.	3.9	123
32	Mcm10 associates with the loaded DNA helicase at replication origins and defines a novel step in its activation. <i>EMBO Journal</i> , 2012, 31, 2195-2206.	7.8	116
33	A Conserved Motif in the C-terminal Tail of DNA Polymerase δ Tethers Primase to the Eukaryotic Replisome. <i>Journal of Biological Chemistry</i> , 2012, 287, 23740-23747.	3.4	42
34	Replisome Stability at Defective DNA Replication Forks Is Independent of S Phase Checkpoint Kinases. <i>Molecular Cell</i> , 2012, 45, 696-704.	9.7	140
35	Surviving chromosome replication: the many roles of the S-phase checkpoint pathway. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2011, 366, 3554-3561.	4.0	82
36	How do Cdc7 and cyclin-dependent kinases trigger the initiation of chromosome replication in eukaryotic cells?. <i>Genes and Development</i> , 2010, 24, 1208-1219.	5.9	312

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37	The Amino-Terminal TPR Domain of Dia2 Tethers SCFDia2 to the Replisome Progression Complex. <i>Current Biology</i> , 2009, 19, 1943-1949.	3.9	69
38	A key role for Ctf4 in coupling the MCM2-7 helicase to DNA polymerase ϵ within the eukaryotic replisome. <i>EMBO Journal</i> , 2009, 28, 2992-3004.	7.8	238
39	GIN5 maintains association of Cdc45 with MCM in replisome progression complexes at eukaryotic DNA replication forks. <i>Nature Cell Biology</i> , 2006, 8, 358-366.	10.3	696
40	Distinct roles for Sld3 and GINS during establishment and progression of eukaryotic DNA replication forks. <i>EMBO Journal</i> , 2006, 25, 1753-1763.	7.8	124
41	Molecular anatomy and regulation of a stable replisome at a paused eukaryotic DNA replication fork. <i>Genes and Development</i> , 2005, 19, 1905-1919.	5.9	245
42	Rapid Depletion of Budding Yeast Proteins by Fusion to a Heat-Inducible Degron. <i>Science Signaling</i> , 2004, 2004, pl8-pl8.	3.6	52
43	G1-phase and B-type cyclins exclude the DNA-replication factor Mcm4 from the nucleus. <i>Nature Cell Biology</i> , 1999, 1, 415-422.	10.3	187