

Kai John Neelsen

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6240799/publications.pdf>

Version: 2024-02-01

14
papers

2,502
citations

623734

14
h-index

1058476

14
g-index

14
all docs

14
docs citations

14
times ranked

4182
citing authors

#	ARTICLE	IF	CITATIONS
1	Liquid demixing of intrinsically disordered proteins is seeded by poly(ADP-ribose). <i>Nature Communications</i> , 2015, 6, 8088.	12.8	463
2	Topoisomerase I poisoning results in PARP-mediated replication fork reversal. <i>Nature Structural and Molecular Biology</i> , 2012, 19, 417-423.	8.2	408
3	Replication fork reversal in eukaryotes: from dead end to dynamic response. <i>Nature Reviews Molecular Cell Biology</i> , 2015, 16, 207-220.	37.0	406
4	Carcinogenic bacterial pathogen <i>Helicobacter pylori</i> triggers DNA double-strand breaks and a DNA damage response in its host cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 14944-14949.	7.1	262
5	Oncogenes induce genotoxic stress by mitotic processing of unusual replication intermediates. <i>Journal of Cell Biology</i> , 2013, 200, 699-708.	5.2	166
6	Replication Catastrophe: When a Checkpoint Fails because of Exhaustion. <i>Molecular Cell</i> , 2017, 66, 735-749.	9.7	165
7	New histone supply regulates replication fork speed and PCNA unloading. <i>Journal of Cell Biology</i> , 2014, 204, 29-43.	5.2	132
8	Redox-sensitive alteration of replisome architecture safeguards genome integrity. <i>Science</i> , 2017, 358, 797-802.	12.6	127
9	FBH1 Catalyzes Regression of Stalled Replication Forks. <i>Cell Reports</i> , 2015, 10, 1749-1757.	6.4	90
10	Deregulated origin licensing leads to chromosomal breaks by rereplication of a gapped DNA template. <i>Genes and Development</i> , 2013, 27, 2537-2542.	5.9	80
11	53BP1 nuclear bodies enforce replication timing at under-replicated DNA to limit heritable DNA damage. <i>Nature Cell Biology</i> , 2019, 21, 487-497.	10.3	80
12	Visualization and Interpretation of Eukaryotic DNA Replication Intermediates In Vivo by Electron Microscopy. <i>Methods in Molecular Biology</i> , 2014, 1094, 177-208.	0.9	63
13	Homology-directed repair protects the replicating genome from metabolic assaults. <i>Developmental Cell</i> , 2021, 56, 461-477.e7.	7.0	38
14	Mutation Frequency Dynamics in <i>HPRT</i> Locus in Culture-Adapted Human Embryonic Stem Cells and Induced Pluripotent Stem Cells Correspond to Their Differentiated Counterparts. <i>Stem Cells and Development</i> , 2014, 23, 2443-2454.	2.1	22