Kai John Neelsen

List of Publications by Year
in descending order

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