

Jeanette Gowen Cook

List of Publications by Year in descending order

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Version: 2024-02-01

47
papers

2,341
citations

201674

27
h-index

265206

42
g-index

61
all docs

61
docs citations

61
times ranked

2609
citing authors

#	ARTICLE	IF	CITATIONS
1	The structure of the human cell cycle. <i>Cell Systems</i> , 2022, 13, 230-240.e3.	6.2	20
2	The consequences of differential origin licensing dynamics in distinct chromatin environments. <i>Nucleic Acids Research</i> , 2022, 50, 9601-9620.	14.5	17
3	CDK4/6 inhibitors induce replication stress to cause long-term cell cycle withdrawal. <i>EMBO Journal</i> , 2022, 41, e108599.	7.8	48
4	Quantitative profiling of adaptation to cyclin E overproduction. <i>Life Science Alliance</i> , 2022, 5, e202201378.	2.8	9
5	Chromosomal localization of cohesin is differentially regulated by WIZ, WAPL, and G9a. <i>BMC Genomics</i> , 2022, 23, 337.	2.8	0
6	Sirtuin 5 Is Regulated by the SCF^{Cyklin F} Ubiquitin Ligase and Is Involved in Cell Cycle Control. <i>Molecular and Cellular Biology</i> , 2021, 41, .	2.3	8
7	Bi-allelic MCM10 variants associated with immune dysfunction and cardiomyopathy cause telomere shortening. <i>Nature Communications</i> , 2021, 12, 1626.	12.8	22
8	Efficiency and equity in origin licensing to ensure complete DNA replication. <i>Biochemical Society Transactions</i> , 2021, 49, 2133-2141.	3.4	9
9	Stress Relief Techniques: p38 MAPK Determines the Balance of Cell Cycle and Apoptosis Pathways. <i>Biomolecules</i> , 2021, 11, 1444.	4.0	34
10	SGC-AAK1-1: A Chemical Probe Targeting AAK1 and BMP2K. <i>ACS Medicinal Chemistry Letters</i> , 2020, 11, 340-345.	2.8	35
11	Mass spectrometry-based selectivity profiling identifies a highly selective inhibitor of the kinase MELK that delays mitotic entry in cancer cells. <i>Journal of Biological Chemistry</i> , 2020, 295, 2359-2374.	3.4	13
12	Distinct and sequential re-replication barriers ensure precise genome duplication. <i>PLoS Genetics</i> , 2020, 16, e1008988.	3.5	23
13	Ubiquitin chain-elongating enzyme UBE2S activates the RING E3 ligase APC/C for substrate priming. <i>Nature Structural and Molecular Biology</i> , 2020, 27, 550-560.	8.2	26
14	Comprehensive nucleosome interactome screen establishes fundamental principles of nucleosome binding. <i>Nucleic Acids Research</i> , 2020, 48, 9415-9432.	14.5	67
15	Programming pluripotent stem cells: Can't teach an old cell new DNA replication tricks. <i>Journal of Cell Biology</i> , 2020, 219, .	5.2	1
16	Preparation for DNA replication: the key to a successful S phase. <i>FEBS Letters</i> , 2019, 593, 2853-2867.	2.8	51
17	Intrinsic checkpoint deficiency during cell cycle re-entry from quiescence. <i>Journal of Cell Biology</i> , 2019, 218, 2169-2184.	5.2	42
18	Evidence that the human cell cycle is a series of uncoupled, memoryless phases. <i>Molecular Systems Biology</i> , 2019, 15, e8604.	7.2	78

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19	Accurate delineation of cell cycle phase transitions in living cells with PIP-FUCCI. <i>Cell Cycle</i> , 2018, 17, 2496-2516.	2.6	80
20	Cdt1 variants reveal unanticipated aspects of interactions with cyclin/CDK and MCM important for normal genome replication. <i>Molecular Biology of the Cell</i> , 2018, 29, 2989-3002.	2.1	12
21	The Cell Cycle Browser: An Interactive Tool for Visualizing, Simulating, and Perturbing Cell-Cycle Progression. <i>Cell Systems</i> , 2018, 7, 180-184.e4.	6.2	3
22	Cezanne/ <sc>OTUD</sc> 7B is a cell cycleâ€regulated deubiquitinase that antagonizes the degradation of <sc>APC</sc> /C substrates. <i>EMBO Journal</i> , 2018, 37, .	7.8	60
23	Cdt1 Variants Offer Novel Insights Into Cdt1â€MCM Interactions and an Unexpected Mechanism for Cyclin A to Block DNA Reâ€Replication. <i>FASEB Journal</i> , 2018, 32, 522.13.	0.5	0
24	Orchestration of DNA Damage Checkpoint Dynamics across the Human Cell Cycle. <i>Cell Systems</i> , 2017, 5, 445-459.e5.	6.2	134
25	Cell cycle proliferation decisions: the impact of single cell analyses. <i>FEBS Journal</i> , 2017, 284, 362-375.	4.7	137
26	The Temporal Regulation of S Phase Proteins During G1. <i>Advances in Experimental Medicine and Biology</i> , 2017, 1042, 335-369.	1.6	22
27	Regulation and Function of Cdt1; A Key Factor in Cell Proliferation and Genome Stability. <i>Genes</i> , 2017, 8, 2.	2.4	94
28	Predictors of Student Productivity in Biomedical Graduate School Applications. <i>PLoS ONE</i> , 2017, 12, e0169121.	2.5	56
29	Rapid DNA replication origin licensing protects stem cell pluripotency. <i>ELife</i> , 2017, 6, .	6.0	79
30	Preparing Postbaccalaureates for Entry and Success in Biomedical PhD Programs. <i>CBE Life Sciences Education</i> , 2016, 15, ar27.	2.3	6
31	Probing the Cell Cycle Significance of Cdt1 Phosphorylation at Novel Sites. <i>FASEB Journal</i> , 2016, 30, 969.5.	0.5	0
32	CDK1-dependent Inhibition of the E3 Ubiquitin Ligase CRL4CDT2 Ensures Robust Transition from S Phase to Mitosis. <i>Journal of Biological Chemistry</i> , 2015, 290, 556-567.	3.4	33
33	Sequential replication-coupled destruction at G1/S ensures genome stability. <i>Genes and Development</i> , 2015, 29, 1734-1746.	5.9	48
34	Investigating the regulation of DNA replication origin licensing during cellular quiescence. <i>FASEB Journal</i> , 2013, 27, 538.1.	0.5	0
35	Recruitment of the human Cdt1 replication licensing protein by the loop domain of Hec1 is required for stable kinetochoreâ€microtubule attachment. <i>Nature Cell Biology</i> , 2012, 14, 593-603.	10.3	88
36	Stress-Stimulated Mitogen-Activated Protein Kinases Control the Stability and Activity of the Cdt1 DNA Replication Licensing Factor. <i>Molecular and Cellular Biology</i> , 2011, 31, 4405-4416.	2.3	43

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37	Nucleosomes in the neighborhood. <i>Epigenetics</i> , 2011, 6, 552-559.	2.7	52
38	MAP kinase-mediated regulation of DNA replication origin licensing and Cdt1 stability. <i>FASEB Journal</i> , 2010, 24, 492.4.	0.5	0
39	Replication licensing and the DNA damage checkpoint. <i>Frontiers in Bioscience - Landmark</i> , 2009, 14, 5013.	3.0	38
40	Coordinated Activation of the Origin Licensing Factor CDC6 and CDK2 in Resting Human Fibroblasts Expressing SV40 Small T Antigen and Cyclin E. <i>Journal of Biological Chemistry</i> , 2009, 284, 14126-14135.	3.4	13
41	Origin licensing and p53 status regulate Cdk2 activity during G1. <i>Cell Cycle</i> , 2009, 8, 1952-1963.	2.6	71
42	Replication licensing promotes cyclin D1 expression and G ₁ progression in untransformed human cells. <i>Cell Cycle</i> , 2009, 8, 125-136.	2.6	59
43	Cdt1 and Cdc6 Are Destabilized by Rereplication-induced DNA Damage. <i>Journal of Biological Chemistry</i> , 2008, 283, 25356-25363.	3.4	43
44	The Regulated Association of Cdt1 with Minichromosome Maintenance Proteins and Cdc6 in Mammalian Cells. <i>Journal of Biological Chemistry</i> , 2004, 279, 9625-9633.	3.4	94
45	Analysis of Cdc6 function in the assembly of mammalian prereplication complexes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 1347-1352.	7.1	122
46	Replication Factors MCM2 and ORC1 Interact with the Histone Acetyltransferase HBO1. <i>Journal of Biological Chemistry</i> , 2001, 276, 15397-15408.	3.4	169
47	Inhibitory and activating functions for MAPK Kss1 in the <i>S. cerevisiae</i> filamentous- growth signalling pathway. <i>Nature</i> , 1997, 390, 85-88.	27.8	266