

Ying Liu

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

375
citations

933447

10
h-index

996975

15
g-index

26
all docs

26
docs citations

26
times ranked

547
citing authors

#	ARTICLE	IF	CITATIONS
1	Nonlinear mechanics of human mitotic chromosomes. <i>Nature</i> , 2022, 605, 545-550.	27.8	30
2	Folate Deficiency Triggers the Abnormal Segregation of a Region With Large Cluster of CG-Rich Trinucleotide Repeats on Human Chromosome 2. <i>Frontiers in Genetics</i> , 2021, 12, 695124.	2.3	2
3	Replication Stress Induces ATR/CHK1-Dependent Nonrandom Segregation of Damaged Chromosomes. <i>Molecular Cell</i> , 2020, 78, 714-724.e5.	9.7	12
4	RTEL1 suppresses G-quadruplex-associated R-loops at difficult-to-replicate loci in the human genome. <i>Nature Structural and Molecular Biology</i> , 2020, 27, 424-437.	8.2	60
5	Folate stress induces SLX1- and RAD51-dependent mitotic DNA synthesis at the fragile X locus in human cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 16527-16536.	7.1	26
6	The prevention and resolution of DNA replication–transcription conflicts in eukaryotic cells. <i>Genome Instability & Disease</i> , 2020, 1, 114-128.	1.1	5
7	Proteomic characterization of chromosomal common fragile site (CFS)-associated proteins uncovers ATRX as a regulator of CFS stability. <i>Nucleic Acids Research</i> , 2019, 47, 8004-8018.	14.5	25
8	The RIF1-PP1 Axis Controls Abcission Timing in Human Cells. <i>Current Biology</i> , 2019, 29, 1232-1242.e5.	3.9	42
9	The Detection and Analysis of Chromosome Fragile Sites. <i>Methods in Molecular Biology</i> , 2018, 1672, 471-482.	0.9	6
10	Folate deficiency drives mitotic missegregation of the human <i>FRAXA</i> locus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 13003-13008.	7.1	23
11	Human cancer cells utilize mitotic DNA synthesis to resist replication stress at telomeres regardless of their telomere maintenance mechanism. <i>Oncotarget</i> , 2018, 9, 15836-15846.	1.8	73
12	Inducing and Detecting Mitotic DNA Synthesis at Difficult-to-Replicate Loci. <i>Methods in Enzymology</i> , 2018, 601, 45-58.	1.0	21
13	Biochemical and Mass Spectrometry-Based Approaches to Profile SUMOylation in Human Cells. <i>Methods in Molecular Biology</i> , 2017, 1491, 131-144.	0.9	5
14	Potential biomarkers of DNA replication stress in cancer. <i>Oncotarget</i> , 2017, 8, 36996-37008.	1.8	15
15	Proteome-wide analysis of SUMO2 targets in response to pathological DNA replication stress in human cells. <i>DNA Repair</i> , 2015, 25, 84-96.	2.8	30