Aprotim Mazumder

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/4044327/publications.pdf

Version: 2024-02-01

22	691	759233 12	677142 22
papers	citations	h-index	g-index

25	25	25	1116
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Hematopoietic PBXâ€interacting protein is a novel regulator of mammary epithelial cell differentiation. FEBS Journal, 2022, 289, 1575-1590.	4.7	5
2	Nucleolar size regulates nuclear envelope shape in Saccharomyces cerevisiae. Journal of Cell Science, 2020, 133, .	2.0	11
3	Î³H2AX in the S Phase after UV Irradiation Corresponds to DNA Replication and Does Not Report on the Extent of DNA Damage. Molecular and Cellular Biology, 2020, 40, .	2.3	12
4	CTCF-Mediated Genome Architecture Regulates the Dosage of Mitotically Stable Mono-allelic Expression of Autosomal Genes. Cell Reports, 2020, 33, 108302.	6.4	4
5	Investigating cell cycle-dependent gene expression in the context of nuclear architecture at a single allele resolution. Journal of Cell Science, 2020, 133, .	2.0	3
6	Monitoring global changes in chromatin compaction states upon localized DNA damage with tools of fluorescence anisotropy. Molecular Biology of the Cell, 2020, 31, 1403-1410.	2.1	3
7	Hematopoietic PBX-interacting protein is a substrate and an inhibitor of the APC/Câ€“Cdc20 complex and regulates mitosis by stabilizing cyclin B1. Journal of Biological Chemistry, 2019, 294, 10236-10252.	3.4	14
8	Inflammation, necrosis, and the kinase RIP3 are key mediators of AAG-dependent alkylation-induced retinal degeneration. Science Signaling, 2019, 12, .	3.6	22
9	Measuring cell cycle-dependent DNA damage responses and p53 regulation on a cell-by-cell basis from image analysis. Cell Cycle, 2018, 17, 1358-1371.	2.6	18
10	Single transcript imaging to assay gene expression in wholemount Drosophila melanogaster tissues. Mechanisms of Development, 2018, 153, 10-16.	1.7	3
11	Alkylation induced cerebellar degeneration dependent on Aag and Parp1 does not occur via previously established cell death mechanisms. PLoS ONE, 2017, 12, e0184619.	2.5	7
12	A Targeted RNA Interference Screen Reveals Novel Epigenetic Factors That Regulate Herpesviral Gene Expression. MBio, 2014, 5, e01086-13.	4.1	23
13	Aag-initiated base excision repair promotes ischemia reperfusion injury in liver, brain, and kidney. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, E4878-86.	7.1	38
14	Single-Cell Analysis of Ribonucleotide Reductase Transcriptional and Translational Response to DNA Damage. Molecular and Cellular Biology, 2013, 33, 635-642.	2.3	12
15	H2A.Z Acidic Patch Couples Chromatin Dynamics to Regulation of Gene Expression Programs during ESC Differentiation. PLoS Genetics, 2013, 9, e1003725.	3.5	53
16	Genome-wide single-cell-level screen for protein abundance and localization changes in response to DNA damage in S. cerevisiae. Nucleic Acids Research, 2013, 41, 9310-9324.	14.5	40
17	Emergence of a prestressed eukaryotic nucleus during cellular differentiation and development. Journal of the Royal Society Interface, 2010, 7, S321-30.	3.4	87
18	Prestressed Nuclear Organization in Living Cells. Methods in Cell Biology, 2010, 98, 221-239.	1.1	13

#	Article	IF	Citations
19	Spatio-Temporal Plasticity in Chromatin Organization in Mouse Cell Differentiation and during Drosophila Embryogenesis. Biophysical Journal, 2009, 96, 3832-3839.	0.5	112
20	Dynamics of Chromatin Decondensation Reveals the Structural Integrity of a Mechanically Prestressed Nucleus. Biophysical Journal, 2008, 95, 3028-3035.	0.5	116
21	Gold-Nanoparticle-Assisted Laser Perturbation of Chromatin Assembly Reveals Unusual Aspects of Nuclear Architecture within Living Cells. Biophysical Journal, 2007, 93, 2209-2216.	0.5	54
22	EGFP-Tagged Core and Linker Histones Diffuse via Distinct Mechanisms within Living Cells. Biophysical Journal, 2006, 91, 2326-2336.	0.5	41