

Aprotim Mazumder

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

691
citations

759233

12
h-index

677142

22
g-index

25
all docs

25
docs citations

25
times ranked

1116
citing authors

#	ARTICLE	IF	CITATIONS
1	Dynamics of Chromatin Decondensation Reveals the Structural Integrity of a Mechanically Prestressed Nucleus. <i>Biophysical Journal</i> , 2008, 95, 3028-3035.	0.5	116
2	Spatio-Temporal Plasticity in Chromatin Organization in Mouse Cell Differentiation and during <i>Drosophila</i> Embryogenesis. <i>Biophysical Journal</i> , 2009, 96, 3832-3839.	0.5	112
3	Emergence of a prestressed eukaryotic nucleus during cellular differentiation and development. <i>Journal of the Royal Society Interface</i> , 2010, 7, S321-30.	3.4	87
4	Gold-Nanoparticle-Assisted Laser Perturbation of Chromatin Assembly Reveals Unusual Aspects of Nuclear Architecture within Living Cells. <i>Biophysical Journal</i> , 2007, 93, 2209-2216.	0.5	54
5	H2A.Z Acidic Patch Couples Chromatin Dynamics to Regulation of Gene Expression Programs during ESC Differentiation. <i>PLoS Genetics</i> , 2013, 9, e1003725.	3.5	53
6	EGFP-Tagged Core and Linker Histones Diffuse via Distinct Mechanisms within Living Cells. <i>Biophysical Journal</i> , 2006, 91, 2326-2336.	0.5	41
7	Genome-wide single-cell-level screen for protein abundance and localization changes in response to DNA damage in <i>S. cerevisiae</i> . <i>Nucleic Acids Research</i> , 2013, 41, 9310-9324.	14.5	40
8	Aag-initiated base excision repair promotes ischemia reperfusion injury in liver, brain, and kidney. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, E4878-86.	7.1	38
9	A Targeted RNA Interference Screen Reveals Novel Epigenetic Factors That Regulate Herpesviral Gene Expression. <i>MBio</i> , 2014, 5, e01086-13.	4.1	23
10	Inflammation, necrosis, and the kinase RIP3 are key mediators of AAG-dependent alkylation-induced retinal degeneration. <i>Science Signaling</i> , 2019, 12, .	3.6	22
11	Measuring cell cycle-dependent DNA damage responses and p53 regulation on a cell-by-cell basis from image analysis. <i>Cell Cycle</i> , 2018, 17, 1358-1371.	2.6	18
12	Hematopoietic PBX-interacting protein is a substrate and an inhibitor of the APC/Cdc20 complex and regulates mitosis by stabilizing cyclin B1. <i>Journal of Biological Chemistry</i> , 2019, 294, 10236-10252.	3.4	14
13	Prestressed Nuclear Organization in Living Cells. <i>Methods in Cell Biology</i> , 2010, 98, 221-239.	1.1	13
14	Single-Cell Analysis of Ribonucleotide Reductase Transcriptional and Translational Response to DNA Damage. <i>Molecular and Cellular Biology</i> , 2013, 33, 635-642.	2.3	12
15	γ -H2AX in the S Phase after UV Irradiation Corresponds to DNA Replication and Does Not Report on the Extent of DNA Damage. <i>Molecular and Cellular Biology</i> , 2020, 40, .	2.3	12
16	Nucleolar size regulates nuclear envelope shape in <i>Saccharomyces cerevisiae</i> . <i>Journal of Cell Science</i> , 2020, 133, .	2.0	11
17	Alkylation induced cerebellar degeneration dependent on Aag and Parp1 does not occur via previously established cell death mechanisms. <i>PLoS ONE</i> , 2017, 12, e0184619.	2.5	7
18	Hematopoietic PBX-interacting protein is a novel regulator of mammary epithelial cell differentiation. <i>FEBS Journal</i> , 2022, 289, 1575-1590.	4.7	5

#	ARTICLE	IF	CITATIONS
19	CTCF-Mediated Genome Architecture Regulates the Dosage of Mitotically Stable Mono-allelic Expression of Autosomal Genes. <i>Cell Reports</i> , 2020, 33, 108302.	6.4	4
20	Single transcript imaging to assay gene expression in wholemount <i>Drosophila melanogaster</i> tissues. <i>Mechanisms of Development</i> , 2018, 153, 10-16.	1.7	3
21	Investigating cell cycle-dependent gene expression in the context of nuclear architecture at a single allele resolution. <i>Journal of Cell Science</i> , 2020, 133, .	2.0	3
22	Monitoring global changes in chromatin compaction states upon localized DNA damage with tools of fluorescence anisotropy. <i>Molecular Biology of the Cell</i> , 2020, 31, 1403-1410.	2.1	3