

Mithun Mitra

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

796
citations

623188

14
h-index

642321

23
g-index

25
all docs

25
docs citations

25
times ranked

963
citing authors

#	ARTICLE	IF	CITATIONS
1	Role of HIV-1 nucleocapsid protein in HIV-1 reverse transcription. <i>RNA Biology</i> , 2010, 7, 754-774.	1.5	141
2	NMR structure of human restriction factor APOBEC3A reveals substrate binding and enzyme specificity. <i>Nature Communications</i> , 2013, 4, 1890.	5.8	124
3	Structural determinants of human APOBEC3A enzymatic and nucleic acid binding properties. <i>Nucleic Acids Research</i> , 2014, 42, 1095-1110.	6.5	68
4	Nuclear Magnetic Resonance Structure of the APOBEC3B Catalytic Domain: Structural Basis for Substrate Binding and DNA Deaminase Activity. <i>Biochemistry</i> , 2016, 55, 2944-2959.	1.2	55
5	Integrative analysis of the inter-tumoral heterogeneity of triple-negative breast cancer. <i>Scientific Reports</i> , 2018, 8, 11807.	1.6	43
6	Aromatic residue mutations reveal direct correlation between HIV-1 nucleocapsid protein's nucleic acid chaperone activity and retroviral replication. <i>Virus Research</i> , 2013, 171, 263-277.	1.1	42
7	Fundamental differences between the nucleic acid chaperone activities of HIV-1 nucleocapsid protein and Gag or Gag-derived proteins: Biological implications. <i>Virology</i> , 2010, 405, 556-567.	1.1	41
8	C-terminal Domain Modulates the Nucleic Acid Chaperone Activity of Human T-cell Leukemia Virus Type 1 Nucleocapsid Protein via an Electrostatic Mechanism. <i>Journal of Biological Chemistry</i> , 2010, 285, 295-307.	1.6	41
9	Differential contribution of basic residues to HIV-1 nucleocapsid protein's nucleic acid chaperone function and retroviral replication. <i>Nucleic Acids Research</i> , 2014, 42, 2525-2537.	6.5	34
10	Sequence and structural determinants of human APOBEC3H deaminase and anti-HIV-1 activities. <i>Retrovirology</i> , 2015, 12, 3.	0.9	32
11	Distinct nucleic acid interaction properties of HIV-1 nucleocapsid protein precursor NCp15 explain reduced viral infectivity. <i>Nucleic Acids Research</i> , 2014, 42, 7145-7159.	6.5	29
12	An In Vitro Model of Cellular Quiescence in Primary Human Dermal Fibroblasts. <i>Methods in Molecular Biology</i> , 2018, 1686, 27-47.	0.4	26
13	Alternative polyadenylation factors link cell cycle to migration. <i>Genome Biology</i> , 2018, 19, 176.	3.8	25
14	RECK isoforms have opposing effects on cell migration. <i>Molecular Biology of the Cell</i> , 2018, 29, 1825-1838.	0.9	20
15	The N-Terminal Zinc Finger and Flanking Basic Domains Represent the Minimal Region of the Human Immunodeficiency Virus Type-1 Nucleocapsid Protein for Targeting Chaperone Function. <i>Biochemistry</i> , 2013, 52, 8226-8236.	1.2	15
16	Is There a Histone Code for Cellular Quiescence?. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 739780.	1.8	13
17	Splicing Busts a Move: Isoform Switching Regulates Migration. <i>Trends in Cell Biology</i> , 2020, 30, 74-85.	3.6	11
18	Intron retention is a robust marker of intertumoral heterogeneity in pancreatic ductal adenocarcinoma. <i>Npj Genomic Medicine</i> , 2020, 5, 55.	1.7	10

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19	Zinc finger function of HIV-1 nucleocapsid protein is required for removal of 5' terminal genomic RNA fragments: A paradigm for RNA removal reactions in HIV-1 reverse transcription. <i>Virus Research</i> , 2013, 171, 346-355.	1.1	9
20	Alternative polyadenylation can regulate post-translational membrane localization. <i>Trends in Cell & Molecular Biology</i> , 2015, 10, 37-47.	0.5	6
21	RNAs that make a heart beat. <i>Annals of Translational Medicine</i> , 2016, 4, 469-469.	0.7	5
22	Determining Genome-wide Transcript Decay Rates in Proliferating and Quiescent Human Fibroblasts. <i>Journal of Visualized Experiments</i> , 2018, , .	0.2	4
23	Regulation of the nucleic acid chaperone activity of HTLV-1 Nucleocapsid Protein. <i>Biophysical Journal</i> , 2009, 96, 61a.	0.2	0
24	Co-regulation of long non-coding RNAs and protein-coding genes during cell quiescence. <i>FASEB Journal</i> , 2021, 35, .	0.2	0