Mithun Mitra

List of Publications by Year
in descending order

24 papers	796 citations	623734 14 h-index	642732 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. RNA Biology, 2010, 7, 754-774.	3.1	141
2	NMR structure of human restriction factor APOBEC3A reveals substrate binding and enzyme specificity. Nature Communications, 2013, 4, 1890.	12.8	124
3	Structural determinants of human APOBEC3A enzymatic and nucleic acid binding properties. Nucleic Acids Research, 2014, 42, 1095-1110.	14.5	68
4	Nuclear Magnetic Resonance Structure of the APOBEC3B Catalytic Domain: Structural Basis for Substrate Binding and DNA Deaminase Activity. Biochemistry, 2016, 55, 2944-2959.	2.5	55
5	Integrative analysis of the inter-tumoral heterogeneity of triple-negative breast cancer. Scientific Reports, 2018, 8, 11807.	3.3	43
6	Aromatic residue mutations reveal direct correlation between HIV-1 nucleocapsid protein's nucleic acid chaperone activity and retroviral replication. Virus Research, 2013, 171, 263-277.	2.2	42
7	Fundamental differences between the nucleic acid chaperone activities of HIV-1 nucleocapsid protein and Gag or Gag-derived proteins: Biological implications. Virology, 2010, 405, 556-567.	2.4	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. Journal of Biological Chemistry, 2010, 285, 295-307.	3.4	41
9	Differential contribution of basic residues to HIV-1 nucleocapsid proteinâ€™s nucleic acid chaperone function and retroviral replication. Nucleic Acids Research, 2014, 42, 2525-2537.	14.5	34
10	Sequence and structural determinants of human APOBEC3H deaminase and anti-HIV-1 activities. Retrovirology, 2015, 12, 3.	2.0	32
11	Distinct nucleic acid interaction properties of HIV-1 nucleocapsid protein precursor NCp15 explain reduced viral infectivity. Nucleic Acids Research, 2014, 42, 7145-7159.	14.5	29
12	An In Vitro Model of Cellular Quiescence in Primary Human Dermal Fibroblasts. Methods in Molecular Biology, 2018, 1686, 27-47.	0.9	26
13	Alternative polyadenylation factors link cell cycle to migration. Genome Biology, 2018, 19, 176.	8.8	25
14	RECK isoforms have opposing effects on cell migration. Molecular Biology of the Cell, 2018, 29, 1825-1838.	2.1	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. Biochemistry, 2013, 52, 8226-8236.	2.5	15
16	Is There a Histone Code for Cellular Quiescence?. Frontiers in Cell and Developmental Biology, 2021, 9, 739780.	3.7	13
17	Splicing Busts a Move: Isoform Switching Regulates Migration. Trends in Cell Biology, 2020, 30, 74-85.	7.9	11
18	Intron retention is a robust marker of intertumoral heterogeneity in pancreatic ductal adenocarcinoma. Npj Genomic Medicine, 2020, 5, 55.	3.8	10

#	Article	IF	Citations
19	Zinc finger function of HIV-1 nucleocapsid protein is required for removal of 5â€²-terminal genomic RNA fragments: A paradigm for RNA removal reactions in HIV-1 reverse transcription. Virus Research, 2013, 171, 346-355.	2.2	9
20	Alternative polyadenylation can regulate post-translational membrane localization. Trends in Cell & Molecular Biology, 2015, 10, 37-47.	0.5	6
21	RNAs that make a heart beat. Annals of Translational Medicine, 2016, 4, 469-469.	1.7	5
22	Determining Genome-wide Transcript Decay Rates in Proliferating and Quiescent Human Fibroblasts. Journal of Visualized Experiments, 2018, , .	0.3	4
23	Regulation of the nucleic acid chaperone activity of HTLV-1 Nucleocapsid Protein. Biophysical Journal, 2009, 96, 61a.	0.5	0
24	Coâ€regulation of long nonâ€coding RNAs and proteinâ€coding genes during cell quiescence. FASEB Journal, 2021, 35, .	0.5	0