Mainul Hoque

List of Publications by Year
in descending order

33 papers	2,228 citations	236925 25 h-index	395702 33 g-index
33 all docs	33 docs citations	33 times ranked	3214 citing authors

#	Article	IF	Citations
1	SETX (senataxin), the helicase mutated in AOA2 and ALS4, functions in autophagy regulation. Autophagy, 2021, 17, 1889-1906.	9.1	34
2	Rapidly Correcting Frameshift Mutations in the Mycobacterium tuberculosis orn Gene Produce Reversible Ethambutol Resistance and Small-Colony-Variant Morphology. Antimicrobial Agents and Chemotherapy, 2020, 64, .	3.2	5
3	Widespread transcript shortening through alternative polyadenylation in secretory cell differentiation. Nature Communications, 2020, 11, 3182.	12.8	34
4	Phase variation in Mycobacterium tuberculosis glpK produces transiently heritable drug tolerance. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 19665-19674.	7.1	96
5	Identifying Cellular Nonsense-Mediated mRNA Decay (NMD) Targets: Immunoprecipitation of Phosphorylated UPF1 Followed by RNA Sequencing (p-UPF1 RIPâ€'Seq). Methods in Molecular Biology, 2018, 1720, 175-186.	0.9	10
6	Transcriptome 3â€²end organization by PCF11 links alternative polyadenylation to formation and neuronal differentiation of neuroblastoma. Nature Communications, 2018, 9, 5331.	12.8	75
7	The C9ORF72 Gene, Implicated in Amyotrophic Lateral Sclerosis and Frontotemporal Dementia, Encodes a Protein That Functions in Control of Endothelin and Glutamate Signaling. Molecular and Cellular Biology, 2018, 38, .	2.3	26
8	Distinct regulation of alternative polyadenylation and gene expression by nuclear poly(A) polymerases. Nucleic Acids Research, 2017, 45, 8930-8942.	14.5	31
9	Regulation of gene expression by translation factor eIF5A: Hypusine-modified eIF5A enhances nonsense-mediated mRNA decay in human cells. Translation, 2017, 5, e1366294.	2.9	14
10	Transcription elongation rate has a tissue-specific impact on alternative cleavage and polyadenylation in Drosophila melanogaster. Rna, 2017, 23, 1807-1816.	3.5	53
11	Comparative analysis of alternative polyadenylation in S. cerevisiae and S. pombe. Genome Research, 2017, 27, 1685-1695.	5.5	40
12	An Mtr4/ZFC3H1 complex facilitates turnover of unstable nuclear RNAs to prevent their cytoplasmic transport and global translational repression. Genes and Development, 2017, 31, 1257-1271.	5.9	98
13	MPK1/SLT2 Links Multiple Stress Responses with Gene Expression in Budding Yeast by Phosphorylating Tyr1 of the RNAP II CTD. Molecular Cell, 2017, 68, 913-925.e3.	9.7	32
14	The Nrd1-like protein Seb1 coordinates cotranscriptional 3â€² end processing and polyadenylation site selection. Genes and Development, 2016, 30, 1558-1572.	5.9	46
15	Intronic cleavage and polyadenylation regulates gene expression during DNA damage response through U1 snRNA. Cell Discovery, 2016, 2, 16013.	6.7	36
16	Alternative cleavage and polyadenylation in spermatogenesis connects chromatin regulation with post-transcriptional control. BMC Biology, 2016, 14, 6.	3.8	72
17	Subcellular RNA profiling links splicing and nuclear DICER1 to alternative cleavage and polyadenylation. Genome Research, 2016, 26, 24-35.	5.5	70
18	PAF Complex Plays Novel Subunit-Specific Roles in Alternative Cleavage and Polyadenylation. PLoS Genetics, 2016, 12, e1005794.	3.5	55

#	Article	IF	Citations
19	Systematic Profiling of Poly(A)+ Transcripts Modulated by Core 3â€™ End Processing and Splicing Factors Reveals Regulatory Rules of Alternative Cleavage and Polyadenylation. PLoS Genetics, 2015, 11, e1005166.	3.5	217
20	A post-transcriptional mechanism pacing expression of neural genes with precursor cell differentiation status. Nature Communications, 2015, 6, 7576.	12.8	36
21	Mutant p53 cooperates with the SWI/SNF chromatin remodeling complex to regulate VEGFR2 in breast cancer cells. Genes and Development, 2015, 29, 1298-1315.	5.9	115
22	Mapping 3â€² mRNA Isoforms on a Genomic Scale. Current Protocols in Molecular Biology, 2015, 110, 4.23.1-4.23.17.	2.9	14
23	RBBP6 isoforms regulate the human polyadenylation machinery and modulate expression of mRNAs with AU-rich 3â€² UTRs. Genes and Development, 2014, 28, 2248-2260.	5.9	76
24	Threonine-4 of the budding yeast RNAP II CTD couples transcription with Htz1-mediated chromatin remodeling. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 11924-11931.	7.1	26
25	A post-translational regulatory switch on UPF1 controls targeted mRNA degradation. Genes and Development, 2014, 28, 1900-1916.	5.9	148
26	Blocking eIF5A Modification in Cervical Cancer Cells Alters the Expression of Cancer-Related Genes and Suppresses Cell Proliferation. Cancer Research, 2014, 74, 552-562.	0.9	80
27	Analysis of alternative cleavage and polyadenylation by 3â€² region extraction and deep sequencing. Nature Methods, 2013, 10, 133-139.	19.0	386
28	Drug-Induced Reactivation of Apoptosis Abrogates HIV-1 Infection. PLoS ONE, 2013, 8, e74414.	2.5	37
29	HIV-1 Replication and Latency Are Regulated by Translational Control of Cyclin T1. Journal of Molecular Biology, 2011, 410, 917-932.	4.2	52
30	Progranulin (granulin/epithelin precursor) and its constituent granulin repeats repress transcription from cellular promoters. Journal of Cellular Physiology, 2010, 223, 224-233.	4.1	15
31	Inhibition of HIV-1 gene expression by Ciclopirox and Deferiprone, drugs that prevent hypusination of eukaryotic initiation factor 5A. Retrovirology, 2009, 6, 90.	2.0	93
32	Granulin and Granulin Repeats Interact with the TatÂ·P-TEFb Complex and Inhibit Tat Transactivation. Journal of Biological Chemistry, 2005, 280, 13648-13657.	3.4	31
33	The Growth Factor Granulin Interacts with Cyclin T1 and Modulates P-TEFb-Dependent Transcription. Molecular and Cellular Biology, 2003, 23, 1688-1702.	2.3	75