

# Mainul Hoque

## List of Publications by Year in descending order

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33  
papers

2,228  
citations

236925

25  
h-index

395702

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33  
all docs

33  
docs citations

33  
times ranked

3214  
citing authors

#	ARTICLE	IF	CITATIONS
1	Analysis of alternative cleavage and polyadenylation by 3' region extraction and deep sequencing. <i>Nature Methods</i> , 2013, 10, 133-139.	19.0	386
2	Systematic Profiling of Poly(A)+ Transcripts Modulated by Core 3' End Processing and Splicing Factors Reveals Regulatory Rules of Alternative Cleavage and Polyadenylation. <i>PLoS Genetics</i> , 2015, 11, e1005166.	3.5	217
3	A post-translational regulatory switch on UPF1 controls targeted mRNA degradation. <i>Genes and Development</i> , 2014, 28, 1900-1916.	5.9	148
4	Mutant p53 cooperates with the SWI/SNF chromatin remodeling complex to regulate <i>VEGFR2</i> in breast cancer cells. <i>Genes and Development</i> , 2015, 29, 1298-1315.	5.9	115
5	An Mtr4/ZFC3H1 complex facilitates turnover of unstable nuclear RNAs to prevent their cytoplasmic transport and global translational repression. <i>Genes and Development</i> , 2017, 31, 1257-1271.	5.9	98
6	Phase variation in <i>Mycobacterium tuberculosis glpK</i> produces transiently heritable drug tolerance. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 19665-19674.	7.1	96
7	Inhibition of HIV-1 gene expression by Ciclopirox and Deferiprone, drugs that prevent hypusination of eukaryotic initiation factor 5A. <i>Retrovirology</i> , 2009, 6, 90.	2.0	93
8	Blocking eIF5A Modification in Cervical Cancer Cells Alters the Expression of Cancer-Related Genes and Suppresses Cell Proliferation. <i>Cancer Research</i> , 2014, 74, 552-562.	0.9	80
9	RBBP6 isoforms regulate the human polyadenylation machinery and modulate expression of mRNAs with AU-rich 3' UTRs. <i>Genes and Development</i> , 2014, 28, 2248-2260.	5.9	76
10	The Growth Factor Granulin Interacts with Cyclin T1 and Modulates P-TEFb-Dependent Transcription. <i>Molecular and Cellular Biology</i> , 2003, 23, 1688-1702.	2.3	75
11	Transcriptome end organization by PCF11 links alternative polyadenylation to formation and neuronal differentiation of neuroblastoma. <i>Nature Communications</i> , 2018, 9, 5331.	12.8	75
12	Alternative cleavage and polyadenylation in spermatogenesis connects chromatin regulation with post-transcriptional control. <i>BMC Biology</i> , 2016, 14, 6.	3.8	72
13	Subcellular RNA profiling links splicing and nuclear DICER1 to alternative cleavage and polyadenylation. <i>Genome Research</i> , 2016, 26, 24-35.	5.5	70
14	PAF Complex Plays Novel Subunit-Specific Roles in Alternative Cleavage and Polyadenylation. <i>PLoS Genetics</i> , 2016, 12, e1005794.	3.5	55
15	Transcription elongation rate has a tissue-specific impact on alternative cleavage and polyadenylation in <i>Drosophila melanogaster</i> . <i>Rna</i> , 2017, 23, 1807-1816.	3.5	53
16	HIV-1 Replication and Latency Are Regulated by Translational Control of Cyclin T1. <i>Journal of Molecular Biology</i> , 2011, 410, 917-932.	4.2	52
17	The Nrd1-like protein Seb1 coordinates cotranscriptional 3' end processing and polyadenylation site selection. <i>Genes and Development</i> , 2016, 30, 1558-1572.	5.9	46
18	Comparative analysis of alternative polyadenylation in <i>S. cerevisiae</i> and <i>S. pombe</i> . <i>Genome Research</i> , 2017, 27, 1685-1695.	5.5	40

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19	Drug-Induced Reactivation of Apoptosis Abrogates HIV-1 Infection. <i>PLoS ONE</i> , 2013, 8, e74414.	2.5	37
20	A post-transcriptional mechanism pacing expression of neural genes with precursor cell differentiation status. <i>Nature Communications</i> , 2015, 6, 7576.	12.8	36
21	Intronic cleavage and polyadenylation regulates gene expression during DNA damage response through U1 snRNA. <i>Cell Discovery</i> , 2016, 2, 16013.	6.7	36
22	SETX (senataxin), the helicase mutated in AOA2 and ALS4, functions in autophagy regulation. <i>Autophagy</i> , 2021, 17, 1889-1906.	9.1	34
23	Widespread transcript shortening through alternative polyadenylation in secretory cell differentiation. <i>Nature Communications</i> , 2020, 11, 3182.	12.8	34
24	MPK1/SLT2 Links Multiple Stress Responses with Gene Expression in Budding Yeast by Phosphorylating Tyr1 of the RNAP II CTD. <i>Molecular Cell</i> , 2017, 68, 913-925.e3.	9.7	32
25	Granulin and Granulin Repeats Interact with the Tat <sup>Δ</sup> P-TEFb Complex and Inhibit Tat Transactivation. <i>Journal of Biological Chemistry</i> , 2005, 280, 13648-13657.	3.4	31
26	Distinct regulation of alternative polyadenylation and gene expression by nuclear poly(A) polymerases. <i>Nucleic Acids Research</i> , 2017, 45, 8930-8942.	14.5	31
27	Threonine-4 of the budding yeast RNAP II CTD couples transcription with Htz1-mediated chromatin remodeling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 11924-11931.	7.1	26
28	The <i>C9ORF72</i> Gene, Implicated in Amyotrophic Lateral Sclerosis and Frontotemporal Dementia, Encodes a Protein That Functions in Control of Endothelin and Glutamate Signaling. <i>Molecular and Cellular Biology</i> , 2018, 38, .	2.3	26
29	Progranulin (granulin/epithelin precursor) and its constituent granulin repeats repress transcription from cellular promoters. <i>Journal of Cellular Physiology</i> , 2010, 223, 224-233.	4.1	15
30	Mapping 3â€² mRNA Isoforms on a Genomic Scale. <i>Current Protocols in Molecular Biology</i> , 2015, 110, 4.23.1-4.23.17.	2.9	14
31	Regulation of gene expression by translation factor eIF5A: Hypusine-modified eIF5A enhances nonsense-mediated mRNA decay in human cells. <i>Translation</i> , 2017, 5, e1366294.	2.9	14
32	Identifying Cellular Nonsense-Mediated mRNA Decay (NMD) Targets: Immunoprecipitation of Phosphorylated UPF1 Followed by RNA Sequencing (p-UPF1 RIP <sup>+</sup> Seq). <i>Methods in Molecular Biology</i> , 2018, 1720, 175-186.	0.9	10
33	Rapidly Correcting Frameshift Mutations in the Mycobacterium tuberculosis <i>orn</i> Gene Produce Reversible Ethambutol Resistance and Small-Colony-Variant Morphology. <i>Antimicrobial Agents and Chemotherapy</i> , 2020, 64, .	3.2	5