

# Abmm Khademul Islam

## List of Publications by Citations

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76  
papers

1,993  
citations

27  
h-index

43  
g-index

89  
ext. papers

2,488  
ext. citations

8.5  
avg, IF

5.02  
L-index

#	Paper	IF	Citations
76	PU.1 target genes undergo Tet2-coupled demethylation and DNMT3b-mediated methylation in monocyte-to-osteoclast differentiation. <i>Genome Biology</i> , <b>2013</b> , 14, R99	18.3	140
75	Identification of novel markers in rheumatoid arthritis through integrated analysis of DNA methylation and microRNA expression. <i>Journal of Autoimmunity</i> , <b>2013</b> , 41, 6-16	15.5	129
74	Functional heterogeneity of cancer-associated fibroblasts from human colon tumors shows specific prognostic gene expression signature. <i>Clinical Cancer Research</i> , <b>2013</b> , 19, 5914-26	12.9	122
73	Notch signal strength controls cell fate in the haemogenic endothelium. <i>Nature Communications</i> , <b>2015</b> , 6, 8510	17.4	96
72	IntOGen: integration and data mining of multidimensional oncogenomic data. <i>Nature Methods</i> , <b>2010</b> , 7, 92-3	21.6	90
71	Mapping of six somatic linker histone H1 variants in human breast cancer cells uncovers specific features of H1.2. <i>Nucleic Acids Research</i> , <b>2014</b> , 42, 4474-93	20.1	74
70	Epigenetic Regulator miRNA Pattern Differences Among SARS-CoV, SARS-CoV-2, and SARS-CoV-2 World-Wide Isolates Delineated the Mystery Behind the Epic Pathogenicity and Distinct Clinical Characteristics of Pandemic COVID-19. <i>Frontiers in Genetics</i> , <b>2020</b> , 11, 765	4.5	70
69	Chromatin-wide profiling of DYRK1A reveals a role as a gene-specific RNA polymerase II CTD kinase. <i>Molecular Cell</i> , <b>2015</b> , 57, 506-20	17.6	65
68	Biological reprogramming in acquired resistance to endocrine therapy of breast cancer. <i>Oncogene</i> , <b>2010</b> , 29, 6071-83	9.2	53
67	Coordinated repression of cell cycle genes by KDM5A and E2F4 during differentiation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2012</b> , 109, 18499-504	11.5	49
66	Whole genome analysis of p38 SAPK-mediated gene expression upon stress. <i>BMC Genomics</i> , <b>2010</b> , 11, 144	4.5	45
65	Lung transcriptome of a COVID-19 patient and systems biology predictions suggest impaired surfactant production which may be druggable by surfactant therapy. <i>Scientific Reports</i> , <b>2020</b> , 10, 19395	4.9	45
64	Increased mitochondrial function downstream from KDM5A histone demethylase rescues differentiation in pRB-deficient cells. <i>Genes and Development</i> , <b>2015</b> , 29, 1817-34	12.6	44
63	HDAC7 is a repressor of myeloid genes whose downregulation is required for transdifferentiation of pre-B cells into macrophages. <i>PLoS Genetics</i> , <b>2013</b> , 9, e1003503	6	43
62	The B cell transcription program mediates hypomethylation and overexpression of key genes in Epstein-Barr virus-associated proliferative conversion. <i>Genome Biology</i> , <b>2013</b> , 14, R3	18.3	42
61	Genomic analysis and differential expression of HMG and S100A family in human arthritis: upregulated expression of chemokines, IL-8 and nitric oxide by HMGB1. <i>DNA and Cell Biology</i> , <b>2014</b> , 33, 550-65	3.6	40
60	DNA methylation and hormone receptor status in breast cancer. <i>Clinical Epigenetics</i> , <b>2016</b> , 8, 17	7.7	39

59	Cooperation between dE2F1 and Yki/Sd defines a distinct transcriptional program necessary to bypass cell cycle exit. <i>Genes and Development</i> , <b>2011</b> , 25, 323-35	12.6	39
58	Identification of Cdca7 as a novel Notch transcriptional target involved in hematopoietic stem cell emergence. <i>Journal of Experimental Medicine</i> , <b>2014</b> , 211, 2411-23	16.6	38
57	mir-11 limits the proapoptotic function of its host gene, dE2F1. <i>Genes and Development</i> , <b>2011</b> , 25, 1820-34	14.6	34
56	The Chromatin Remodeling Complex Chd4/NuRD Controls Striated Muscle Identity and Metabolic Homeostasis. <i>Cell Metabolism</i> , <b>2016</b> , 23, 881-92	24.6	34
55	Molecular epidemiology of adenovirus infection among infants and children with acute gastroenteritis in Dhaka City, Bangladesh. <i>Infection, Genetics and Evolution</i> , <b>2009</b> , 9, 518-22	4.5	33
54	A highly conserved WDYPKCDRA epitope in the RNA directed RNA polymerase of human coronaviruses can be used as epitope-based universal vaccine design. <i>BMC Bioinformatics</i> , <b>2014</b> , 15, 161	3.6	32
53	Chromatin-bound IBF regulates a subset of polycomb target genes in differentiation and cancer. <i>Cancer Cell</i> , <b>2013</b> , 24, 151-66	24.3	32
52	Novel regulation and functional interaction of polycistronic miRNAs. <i>Rna</i> , <b>2016</b> , 22, 129-38	5.8	31
51	The transcriptional repressor HDAC7 promotes apoptosis and c-Myc downregulation in particular types of leukemia and lymphoma. <i>Cell Death and Disease</i> , <b>2015</b> , 6, e1635	9.8	30
50	In vivo conditional deletion of HDAC7 reveals its requirement to establish proper B lymphocyte identity and development. <i>Journal of Experimental Medicine</i> , <b>2016</b> , 213, 2591-2601	16.6	28
49	Stem cell-like transcriptional reprogramming mediates metastatic resistance to mTOR inhibition. <i>Oncogene</i> , <b>2017</b> , 36, 2737-2749	9.2	27
48	Selective targeting of histone methylation. <i>Cell Cycle</i> , <b>2011</b> , 10, 413-24	4.7	27
47	Loss of dE2F compromises mitochondrial function. <i>Developmental Cell</i> , <b>2013</b> , 27, 438-51	10.2	26
46	Assessing associations between the AURKA-HMMR-TPX2-TUBG1 functional module and breast cancer risk in BRCA1/2 mutation carriers. <i>PLoS ONE</i> , <b>2015</b> , 10, e0120020	3.7	26
45	Single cell RNA-sequencing identifies a metabolic aspect of apoptosis in Rbf mutant. <i>Nature Communications</i> , <b>2018</b> , 9, 5024	17.4	26
44	Epstein-Barr virus-mediated transformation of B cells induces global chromatin changes independent to the acquisition of proliferation. <i>Nucleic Acids Research</i> , <b>2014</b> , 42, 249-63	20.1	25
43	Galectin-1 supports the survival of CD45RA(-) primary myeloma cells in vitro. <i>British Journal of Haematology</i> , <b>2008</b> , 142, 754-65	4.5	25
42	Chromatin-wide and transcriptome profiling integration uncovers p38MAPK as a global regulator of skeletal muscle differentiation. <i>Skeletal Muscle</i> , <b>2016</b> , 6, 9	5.1	23

41	VAV3 mediates resistance to breast cancer endocrine therapy. <i>Breast Cancer Research</i> , <b>2014</b> , 16, R53	8.3	21
40	An intronic microRNA links Rb/E2F and EGFR signaling. <i>PLoS Genetics</i> , <b>2014</b> , 10, e1004493	6	19
39	NF- $\kappa$ B directly mediates epigenetic deregulation of common microRNAs in Epstein-Barr virus-mediated transformation of B-cells and in lymphomas. <i>Nucleic Acids Research</i> , <b>2014</b> , 42, 11025-39	20.1	19
38	Drosophila GAGA factor is required for full activation of the dE2f1-Yki/Sd transcriptional program. <i>Cell Cycle</i> , <b>2012</b> , 11, 4191-202	4.7	19
37	Single-cell transcriptional changes associated with drug tolerance and response to combination therapies in cancer. <i>Nature Communications</i> , <b>2021</b> , 12, 1628	17.4	19
36	In silico analysis revealed Zika virus miRNAs associated with viral pathogenesis through alteration of host genes involved in immune response and neurological functions. <i>Journal of Medical Virology</i> , <b>2019</b> , 91, 1584-1594	19.7	15
35	Genome-wide analysis using CHIP to identify isoform-specific gene targets. <i>Journal of Visualized Experiments</i> , <b>2010</b> ,	1.6	12
34	Rbf Activates the Myogenic Transcriptional Program to Promote Skeletal Muscle Differentiation. <i>Cell Reports</i> , <b>2019</b> , 26, 702-719.e6	10.6	12
33	Perversely expressed long noncoding RNAs can alter host response and viral proliferation in SARS-CoV-2 infection. <i>Future Virology</i> , <b>2020</b> , 15, 577-593	2.4	11
32	Co-regulation of histone-modifying enzymes in cancer. <i>PLoS ONE</i> , <b>2011</b> , 6, e24023	3.7	11
31	Genomic, Lipidomic and Metabolomic Analysis of Cyclooxygenase-null Cells: Eicosanoid Storm, Cross Talk, and Compensation by COX-1. <i>Genomics, Proteomics and Bioinformatics</i> , <b>2016</b> , 14, 81-93	6.5	10
30	Cell-Autonomous versus Systemic Akt Isoform Deletions Uncovered New Roles for Akt1 and Akt2 in Breast Cancer. <i>Molecular Cell</i> , <b>2020</b> , 80, 87-101.e5	17.6	10
29	Age-Specific Cut-off Values of Amino Acids and Acylcarnitines for Diagnosis of Inborn Errors of Metabolism Using Liquid Chromatography Tandem Mass Spectrometry. <i>BioMed Research International</i> , <b>2019</b> , 2019, 3460902	3	10
28	CHIP-Seq analysis identifies p27(Kip1)-target genes involved in cell adhesion and cell signalling in mouse embryonic fibroblasts. <i>PLoS ONE</i> , <b>2017</b> , 12, e0187891	3.7	9
27	p27Kip1, PCAF and PAX5 cooperate in the transcriptional regulation of specific target genes. <i>Nucleic Acids Research</i> , <b>2017</b> , 45, 5086-5099	20.1	9
26	A cell atlas of adult muscle precursors uncovers early events in fibre-type divergence in Drosophila. <i>EMBO Reports</i> , <b>2020</b> , 21, e49555	6.5	9
25	Genomic and evolutionary features of two AHPND positive <i>Vibrio parahaemolyticus</i> strains isolated from shrimp ( <i>Penaeus monodon</i> ) of south-west Bangladesh. <i>BMC Microbiology</i> , <b>2019</b> , 19, 270	4.5	8
24	IMiDs mobilize acute myeloid leukemia blasts to peripheral blood through downregulation of CXCR4 but fail to potentiate AraC/Idarubicin activity in preclinical models of non del5q/5q- AML. <i>Oncolmmunology</i> , <b>2018</b> , 7, e1477460	7.2	6

23	Epidemiological and molecular analysis of astrovirus gastroenteritis in Dhaka City, Bangladesh. <i>Journal of Tropical Pediatrics</i> , <b>2008</b> , 54, 423-5	1.2	6
22	SARS-CoV-2 proteins exploit host genetic and epigenetic mediators for the annexation of key host signaling pathways that confers its immune evasion and disease pathophysiology		5
21	Mutation Spectrum in TPO Gene of Bangladeshi Patients with Thyroid Dysmorphogenesis and Analysis of the Effects of Different Mutations on the Structural Features and Functions of TPO Protein through Approach. <i>BioMed Research International</i> , <b>2019</b> , 2019, 9218903	3	4
20	An in silico approach predicted potential therapeutics that can confer protection from maximum pathogenic Hantaviruses. <i>Future Virology</i> , <b>2016</b> , 11, 411-428	2.4	3
19	Conserved antigenic sites between MERS-CoV and Bat-coronavirus are revealed through sequence analysis. <i>Source Code for Biology and Medicine</i> , <b>2016</b> , 11, 3	1.9	3
18	Proteomic Analysis Shows Constitutive Secretion of MIF and p53-associated Activity of COX-2 Lung Fibroblasts. <i>Genomics, Proteomics and Bioinformatics</i> , <b>2017</b> , 15, 339-351	6.5	3
17	Aberration of the modulatory functions of intronic microRNA hsa-miR-933 on its host gene ATF2 results in type II diabetes mellitus and neurodegenerative disease development. <i>Human Genomics</i> , <b>2020</b> , 14, 34	6.8	3
16	Ancestral function of Inhibitors-of-kappaB regulates <i>Caenorhabditis elegans</i> development. <i>Scientific Reports</i> , <b>2020</b> , 10, 16153	4.9	3
15	Computational engineering the binding affinity of Adalimumab monoclonal antibody for designing potential biosimilar candidate. <i>Journal of Molecular Graphics and Modelling</i> , <b>2021</b> , 102, 107774	2.8	3
14	Epigenetic regulator miRNA pattern differences among SARS-CoV, SARS-CoV-2 and SARS-CoV-2 world-wide isolates delineated the mystery behind the epic pathogenicity and distinct clinical characteristics of pandemic COVID-19		2
13	Viral miRNAs confer survival in host cells by targeting apoptosis related host genes. <i>Informatics in Medicine Unlocked</i> , <b>2021</b> , 22, 100501	5.3	2
12	Lung biopsy cells transcriptional landscape from COVID-19 patient stratified lung injury in SARS-CoV-2 infection through impaired pulmonary surfactant metabolism		1
11	Perversely expressed long noncoding RNAs can alter host response and viral proliferation in SARS-CoV-2 infection		1
10	A single-cell transcriptome atlas of the adult muscle precursors uncovers early events in fiber-type divergence in <i>Drosophila</i>		1
9	A switch in bidirectional histone mark leads to differential modulation of lincRNAs involved in neuronal and hematopoietic cell differentiation from their progenitors. <i>Journal of Cellular Biochemistry</i> , <b>2020</b> , 121, 3451-3462	4.7	1
8	Modeling mRNA-based vaccine YFV.E1988 against yellow fever virus E-protein using immuno-informatics and reverse vaccinology approach.. <i>Journal of Biomolecular Structure and Dynamics</i> , <b>2022</b> , 1-22	3.6	0
7	The PPAR $\alpha$ Activation Mechanism Which Suppresses the Constitutive NF- $\kappa$ B Activity in Human Myeloma Cell Lines.. <i>Blood</i> , <b>2007</b> , 110, 4739-4739	2.2	
6	SDF-1 Is Responsible for the Constitutively High NF- $\kappa$ B Activity in Human Myeloma Cells.. <i>Blood</i> , <b>2007</b> , 110, 4737-4737	2.2	

- 5 The Mechanism of Constitutive NF- $\kappa$ B Activity in Myeloma Cell Lines.. *Blood*, **2007**, 110, 4740-4740 2.2
- 4 IL-6-Induced C-MYC Down-Regulates the Expression of CD33 in CD33(+) Myeloma Cell Lines.. *Blood*, **2007**, 110, 2496-2496 2.2
- 3 The Expression of CD56 Is Frequently Accompanied with the Expression of Neuronal Cell Markers and Its Down-Regulation Is Induced by IL-6 in Human Myeloma Cells.. *Blood*, **2007**, 110, 3534-3534 2.2
- 2 Identification of Cdca7 as a novel Notch transcriptional target involved in hematopoietic stem cell emergence. *Journal of Cell Biology*, **2014**, 207, 2074OIA213 7.3
- 1 Decreased Expression Levels of CD54 Associated with Decreased Activity of CXCL12 in Primary Myeloma Cells. *Blood*, **2008**, 112, 5155-5155 2.2