

Abmm Khademul Islam

List of Publications by Year in descending order

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Version: 2024-02-01

77
papers

2,838
citations

159525

30
h-index

189801

50
g-index

89
all docs

89
docs citations

89
times ranked

6514
citing authors

#	ARTICLE	IF	CITATIONS
1	PU.1 target genes undergo Tet2-coupled demethylation and DNMT3b-mediated methylation in monocyte-to-osteoclast differentiation. <i>Genome Biology</i> , 2013, 14, R99.	13.9	177
2	Functional Heterogeneity of Cancer-Associated Fibroblasts from Human Colon Tumors Shows Specific Prognostic Gene Expression Signature. <i>Clinical Cancer Research</i> , 2013, 19, 5914-5926.	3.2	146
3	Identification of novel markers in rheumatoid arthritis through integrated analysis of DNA methylation and microRNA expression. <i>Journal of Autoimmunity</i> , 2013, 41, 6-16.	3.0	144
4	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> , 2020, 11, 765.	1.1	144
5	Notch signal strength controls cell fate in the haemogenic endothelium. <i>Nature Communications</i> , 2015, 6, 8510.	5.8	135
6	Chromatin-wide Profiling of DYRK1A Reveals a Role as a Gene-Specific RNA Polymerase II CTD Kinase. <i>Molecular Cell</i> , 2015, 57, 506-520.	4.5	103
7	Single-cell transcriptional changes associated with drug tolerance and response to combination therapies in cancer. <i>Nature Communications</i> , 2021, 12, 1628.	5.8	103
8	IntOGen: integration and data mining of multidimensional oncogenomic data. <i>Nature Methods</i> , 2010, 7, 92-93.	9.0	102
9	Mapping of six somatic linker histone H1 variants in human breast cancer cells uncovers specific features of H1.2. <i>Nucleic Acids Research</i> , 2014, 42, 4474-4493.	6.5	87
10	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> , 2020, 10, 19395.	1.6	75
11	The Chromatin Remodeling Complex Chd4/NuRD Controls Striated Muscle Identity and Metabolic Homeostasis. <i>Cell Metabolism</i> , 2016, 23, 881-892.	7.2	68
12	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> , 2012, 109, 18499-18504.	3.3	67
13	Increased mitochondrial function downstream from KDM5A histone demethylase rescues differentiation in pRB-deficient cells. <i>Genes and Development</i> , 2015, 29, 1817-1834.	2.7	63
14	Biological reprogramming in acquired resistance to endocrine therapy of breast cancer. <i>Oncogene</i> , 2010, 29, 6071-6083.	2.6	59
15	Whole genome analysis of p38 SAPK-mediated gene expression upon stress. <i>BMC Genomics</i> , 2010, 11, 144.	1.2	55
16	HDAC7 Is a Repressor of Myeloid Genes Whose Downregulation Is Required for Transdifferentiation of Pre-B Cells into Macrophages. <i>PLoS Genetics</i> , 2013, 9, e1003503.	1.5	55
17	The B cell transcription program mediates hypomethylation and overexpression of key genes in Epstein-Barr virus-associated proliferative conversion. <i>Genome Biology</i> , 2013, 14, R3.	13.9	53
18	Cooperation between dE2F1 and Yki/Sd defines a distinct transcriptional program necessary to bypass cell cycle exit. <i>Genes and Development</i> , 2011, 25, 323-335.	2.7	49

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19	DNA methylation and hormone receptor status in breast cancer. <i>Clinical Epigenetics</i> , 2016, 8, 17.	1.8	48
20	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> , 2014, 33, 550-565.	0.9	47
21	Novel regulation and functional interaction of polycistronic miRNAs. <i>Rna</i> , 2016, 22, 129-138.	1.6	47
22	Chromatin-Bound β Regulates a Subset of Polycomb Target Genes in Differentiation and Cancer. <i>Cancer Cell</i> , 2013, 24, 151-166.	7.7	46
23	Identification of <i>Cdca7</i> as a novel Notch transcriptional target involved in hematopoietic stem cell emergence. <i>Journal of Experimental Medicine</i> , 2014, 211, 2411-2423.	4.2	46
24	Molecular epidemiology of adenovirus infection among infants and children with acute gastroenteritis in Dhaka City, Bangladesh. <i>Infection, Genetics and Evolution</i> , 2009, 9, 518-522.	1.0	45
25	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> , 2014, 15, 161.	1.2	45
26	Single cell RNA-sequencing identifies a metabolic aspect of apoptosis in <i>Rbf</i> mutant. <i>Nature Communications</i> , 2018, 9, 5024.	5.8	42
27	The transcriptional repressor HDAC7 promotes apoptosis and c-Myc downregulation in particular types of leukemia and lymphoma. <i>Cell Death and Disease</i> , 2015, 6, e1635-e1635.	2.7	40
28	In vivo conditional deletion of HDAC7 reveals its requirement to establish proper B lymphocyte identity and development. <i>Journal of Experimental Medicine</i> , 2016, 213, 2591-2601.	4.2	39
29	<i>mir-11</i> limits the proapoptotic function of its host gene, <i>dE2f1</i> . <i>Genes and Development</i> , 2011, 25, 1820-1834.	2.7	37
30	Perversely expressed long noncoding RNAs can alter host response and viral proliferation in SARS-CoV-2 infection. <i>Future Virology</i> , 2020, 15, 577-593.	0.9	35
31	Epstein-Barr virus-mediated transformation of B cells induces global chromatin changes independent to the acquisition of proliferation. <i>Nucleic Acids Research</i> , 2014, 42, 249-263.	6.5	34
32	Assessing Associations between the AURKA-HMMR-TPX2-TUBG1 Functional Module and Breast Cancer Risk in BRCA1/2 Mutation Carriers. <i>PLoS ONE</i> , 2015, 10, e0120020.	1.1	34
33	Stem cell-like transcriptional reprogramming mediates metastatic resistance to mTOR inhibition. <i>Oncogene</i> , 2017, 36, 2737-2749.	2.6	34
34	Selective targeting of histone methylation. <i>Cell Cycle</i> , 2011, 10, 413-424.	1.3	32
35	Cell-Autonomous versus Systemic Akt Isoform Deletions Uncovered New Roles for Akt1 and Akt2 in Breast Cancer. <i>Molecular Cell</i> , 2020, 80, 87-101.e5.	4.5	32
36	Galectin-1 supports the survival of CD45RA ⁺ primary myeloma cells <i>in vitro</i> . <i>British Journal of Haematology</i> , 2008, 142, 754-765.	1.2	30

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37	Loss of dE2F Compromises Mitochondrial Function. <i>Developmental Cell</i> , 2013, 27, 438-451.	3.1	30
38	Chromatin-wide and transcriptome profiling integration uncovers p38 δ MAPK as a global regulator of skeletal muscle differentiation. <i>Skeletal Muscle</i> , 2016, 6, 9.	1.9	29
39	VAV3 mediates resistance to breast cancer endocrine therapy. <i>Breast Cancer Research</i> , 2014, 16, R53.	2.2	28
40	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> , 2019, 91, 1584-1594.	2.5	28
41	NF- κ 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> , 2014, 42, 11025-11039.	6.5	27
42	Rbf Activates the Myogenic Transcriptional Program to Promote Skeletal Muscle Differentiation. <i>Cell Reports</i> , 2019, 26, 702-719.e6.	2.9	26
43	Drosophila GAGA factor is required for full activation of the dE2f1-Yki/Sd transcriptional program. <i>Cell Cycle</i> , 2012, 11, 4191-4202.	1.3	23
44	An Intronic microRNA Links Rb/E2F and EGFR Signaling. <i>PLoS Genetics</i> , 2014, 10, e1004493.	1.5	21
45	A cell atlas of adult muscle precursors uncovers early events in fibre ϵ type divergence in <i>Drosophila</i> . <i>EMBO Reports</i> , 2020, 21, e49555.	2.0	21
46	Transcriptional Repression by FoxM1 Suppresses Tumor Differentiation and Promotes Metastasis of Breast Cancer. <i>Cancer Research</i> , 2022, 82, 2458-2471.	0.4	17
47	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> , 2019, 2019, 1-11.	0.9	16
48	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> , 2019, 19, 270.	1.3	15
49	p27Kip1, PCAF and PAX5 cooperate in the transcriptional regulation of specific target genes. <i>Nucleic Acids Research</i> , 2017, 45, 5086-5099.	6.5	14
50	Genome-wide Analysis using ChIP to Identify Isoform-specific Gene Targets. <i>Journal of Visualized Experiments</i> , 2010, , .	0.2	13
51	Genomic, Lipidomic and Metabolomic Analysis of Cyclooxygenase-null Cells: Eicosanoid Storm, Cross Talk, and Compensation by COX-1. <i>Genomics, Proteomics and Bioinformatics</i> , 2016, 14, 81-93.	3.0	13
52	Co-Regulation of Histone-Modifying Enzymes in Cancer. <i>PLoS ONE</i> , 2011, 6, e24023.	1.1	13
53	ChIP-Seq analysis identifies p27(Kip1)-target genes involved in cell adhesion and cell signalling in mouse embryonic fibroblasts. <i>PLoS ONE</i> , 2017, 12, e0187891.	1.1	11
54	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> , 2018, 7, e1477460.	2.1	11

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55	Mutation Spectrum in TPO Gene of Bangladeshi Patients with Thyroid Dyshormonogenesis and Analysis of the Effects of Different Mutations on the Structural Features and Functions of TPO Protein through <i>In Silico</i> Approach. <i>BioMed Research International</i> , 2019, 2019, 1-18.	0.9	10
56	Ancestral function of Inhibitors-of-kappaB regulates <i>Caenorhabditis elegans</i> development. <i>Scientific Reports</i> , 2020, 10, 16153.	1.6	9
57	Epidemiological and Molecular Analysis of Astrovirus Gastroenteritis in Dhaka City, Bangladesh. <i>Journal of Tropical Pediatrics</i> , 2008, 54, 423-425.	0.7	7
58	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> , 2020, 14, 34.	1.4	6
59	Amalgam regulates the receptor tyrosine kinase pathway through Sprouty in glial cell development. <i>Journal of Cell Science</i> , 2020, 133, .	1.2	6
60	Proteomic Analysis Shows Constitutive Secretion of MIF and p53-associated Activity of COX-2 in Lung Fibroblasts. <i>Genomics, Proteomics and Bioinformatics</i> , 2017, 15, 339-351.	3.0	5
61	Computational engineering the binding affinity of Adalimumab monoclonal antibody for designing potential biosimilar candidate. <i>Journal of Molecular Graphics and Modelling</i> , 2021, 102, 107774.	1.3	5
62	Viral miRNAs confer survival in host cells by targeting apoptosis related host genes. <i>Informatics in Medicine Unlocked</i> , 2021, 22, 100501.	1.9	5
63	Conserved antigenic sites between MERS-CoV and Bat-coronavirus are revealed through sequence analysis. <i>Source Code for Biology and Medicine</i> , 2016, 11, 3.	1.7	4
64	An <i>in silico</i> approach predicted potential therapeutics that can confer protection from maximum pathogenic Hantaviruses. <i>Future Virology</i> , 2016, 11, 411-428.	0.9	3
65	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> , 2023, 41, 1617-1638.	2.0	3
66	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> , 2020, 121, 3451-3462.	1.2	1
67	Identification of notch/RBPJ-target genes involved in hematopoietic stem cell generation. <i>Experimental Hematology</i> , 2013, 41, S24.	0.2	0
68	Jagged1 governs the loss of endothelial identity of the aortic endothelium during HSC specification. <i>Experimental Hematology</i> , 2013, 41, S24.	0.2	0
69	The PPAR γ Activation Mechanism Which Suppresses the Constitutive NF- κ B Activity in Human Myeloma Cell Lines.. <i>Blood</i> , 2007, 110, 4739-4739.	0.6	0
70	SDF-1 Is Responsible for the Constitutively High NF- κ B Activity in Human Myeloma Cells.. <i>Blood</i> , 2007, 110, 4737-4737.	0.6	0
71	The Mechanism of Constitutive NF- κ B Activity in Myeloma Cell Lines.. <i>Blood</i> , 2007, 110, 4740-4740.	0.6	0
72	IL-6-Induced C-MYC Down-Regulates the Expression of CD33 in CD33(+) Myeloma Cell Lines.. <i>Blood</i> , 2007, 110, 2496-2496.	0.6	0

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73	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.	0.6	0
74	Decreased Expression Levels of CD54 Associated with Decreased Activity of CXCL12 in Primary Myeloma Cells. Blood, 2008, 112, 5155-5155.	0.6	0
75	Abstract 1061: EZH2 expression in different subtypes of human breast cancer. , 2012, , .		0
76	Identification of Cdca7 as a novel Notch transcriptional target involved in hematopoietic stem cell emergence. Journal of Cell Biology, 2014, 207, 20740IA213.	2.3	0
77	Abstract B01: pRb activates mitochondrial metabolism and promotes differentiation through the histone demethylase Kdm5a. , 2016, , .		0