

Abmm Khademul Islam

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	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> , 2022 , 1-22	3.6	0
75	Single-cell transcriptional changes associated with drug tolerance and response to combination therapies in cancer. <i>Nature Communications</i> , 2021 , 12, 1628	17.4	19
74	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	2.8	3
73	Viral miRNAs confer survival in host cells by targeting apoptosis related host genes. <i>Informatics in Medicine Unlocked</i> , 2021 , 22, 100501	5.3	2
72	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	2.4	11
71	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	4.5	70
70	A cell atlas of adult muscle precursors uncovers early events in fibre-type divergence in Drosophila. <i>EMBO Reports</i> , 2020 , 21, e49555	6.5	9
69	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	4.7	1
68	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	6.8	3
67	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	17.6	10
66	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	4.9	45
65	Ancestral function of Inhibitors-of-kappaB regulates Caenorhabditis elegans development. <i>Scientific Reports</i> , 2020 , 10, 16153	4.9	3
64	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	19.7	15
63	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> , 2019 , 2019, 9218903	3	4
62	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	4.5	8
61	Rbf Activates the Myogenic Transcriptional Program to Promote Skeletal Muscle Differentiation. <i>Cell Reports</i> , 2019 , 26, 702-719.e6	10.6	12
60	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, 3460902	3	10

59	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>Oncotimmunology</i> , 2018 , 7, e1477460	7.2	6
58	Single cell RNA-sequencing identifies a metabolic aspect of apoptosis in Rbf mutant. <i>Nature Communications</i> , 2018 , 9, 5024	17.4	26
57	Stem cell-like transcriptional reprogramming mediates metastatic resistance to mTOR inhibition. <i>Oncogene</i> , 2017 , 36, 2737-2749	9.2	27
56	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	3.7	9
55	p27Kip1, PCAF and PAX5 cooperate in the transcriptional regulation of specific target genes. <i>Nucleic Acids Research</i> , 2017 , 45, 5086-5099	20.1	9
54	Proteomic Analysis Shows Constitutive Secretion of MIF and p53-associated Activity of COX-2 Lung Fibroblasts. <i>Genomics, Proteomics and Bioinformatics</i> , 2017 , 15, 339-351	6.5	3
53	Anin silicoapproach predicted potential therapeutics that can confer protection from maximum pathogenic Hantaviruses. <i>Future Virology</i> , 2016 , 11, 411-428	2.4	3
52	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	16.6	28
51	DNA methylation and hormone receptor status in breast cancer. <i>Clinical Epigenetics</i> , 2016 , 8, 17	7.7	39
50	Chromatin-wide and transcriptome profiling integration uncovers p38MAPK as a global regulator of skeletal muscle differentiation. <i>Skeletal Muscle</i> , 2016 , 6, 9	5.1	23
49	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	1.9	3
48	Novel regulation and functional interaction of polycistronic miRNAs. <i>Rna</i> , 2016 , 22, 129-38	5.8	31
47	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	6.5	10
46	The Chromatin Remodeling Complex Chd4/NuRD Controls Striated Muscle Identity and Metabolic Homeostasis. <i>Cell Metabolism</i> , 2016 , 23, 881-92	24.6	34
45	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	9.8	30
44	Notch signal strength controls cell fate in the haemogenic endothelium. <i>Nature Communications</i> , 2015 , 6, 8510	17.4	96
43	Increased mitochondrial function downstream from KDM5A histone demethylase rescues differentiation in pRB-deficient cells. <i>Genes and Development</i> , 2015 , 29, 1817-34	12.6	44
42	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	3.7	26

41	Chromatin-wide profiling of DYRK1A reveals a role as a gene-specific RNA polymerase II CTD kinase. <i>Molecular Cell</i> , 2015 , 57, 506-20	17.6	65
40	Identification of Cdca7 as a novel Notch transcriptional target involved in hematopoietic stem cell emergence. <i>Journal of Experimental Medicine</i> , 2014 , 211, 2411-23	16.6	38
39	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	3.6	32
38	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, 550-65	3.6	40
37	An intronic microRNA links Rb/E2F and EGFR signaling. <i>PLoS Genetics</i> , 2014 , 10, e1004493	6	19
36	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, 4474-93	20.1	74
35	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, 11025-39	20.1	19
34	VAV3 mediates resistance to breast cancer endocrine therapy. <i>Breast Cancer Research</i> , 2014 , 16, R53	8.3	21
33	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, 249-63	20.1	25
32	Identification of Cdca7 as a novel Notch transcriptional target involved in hematopoietic stem cell emergence. <i>Journal of Cell Biology</i> , 2014 , 207, 20740IA213	7.3	
31	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	18.3	42
30	Chromatin-bound I β 1 regulates a subset of polycomb target genes in differentiation and cancer. <i>Cancer Cell</i> , 2013 , 24, 151-66	24.3	32
29	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	15.5	129
28	PU.1 target genes undergo Tet2-coupled demethylation and DNMT3b-mediated methylation in monocyte-to-osteoclast differentiation. <i>Genome Biology</i> , 2013 , 14, R99	18.3	140
27	Loss of dE2F compromises mitochondrial function. <i>Developmental Cell</i> , 2013 , 27, 438-51	10.2	26
26	Functional heterogeneity of cancer-associated fibroblasts from human colon tumors shows specific prognostic gene expression signature. <i>Clinical Cancer Research</i> , 2013 , 19, 5914-26	12.9	122
25	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	6	43
24	Drosophila GAGA factor is required for full activation of the dE2f1-Yki/Sd transcriptional program. <i>Cell Cycle</i> , 2012 , 11, 4191-202	4.7	19

23	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, 18499-504	11.5	49
22	Cooperation between dE2F1 and Yki/Sd defines a distinct transcriptional program necessary to bypass cell cycle exit. <i>Genes and Development</i> , 2011 , 25, 323-35	12.6	39
21	mir-11 limits the proapoptotic function of its host gene, dE2F1. <i>Genes and Development</i> , 2011 , 25, 1820-34	11.6	34
20	Selective targeting of histone methylation. <i>Cell Cycle</i> , 2011 , 10, 413-24	4.7	27
19	Co-regulation of histone-modifying enzymes in cancer. <i>PLoS ONE</i> , 2011 , 6, e24023	3.7	11
18	Biological reprogramming in acquired resistance to endocrine therapy of breast cancer. <i>Oncogene</i> , 2010 , 29, 6071-83	9.2	53
17	IntOGen: integration and data mining of multidimensional oncogenomic data. <i>Nature Methods</i> , 2010 , 7, 92-3	21.6	90
16	Genome-wide analysis using ChIP to identify isoform-specific gene targets. <i>Journal of Visualized Experiments</i> , 2010 ,	1.6	12
15	Whole genome analysis of p38 SAPK-mediated gene expression upon stress. <i>BMC Genomics</i> , 2010 , 11, 144	4.5	45
14	Molecular epidemiology of adenovirus infection among infants and children with acute gastroenteritis in Dhaka City, Bangladesh. <i>Infection, Genetics and Evolution</i> , 2009 , 9, 518-22	4.5	33
13	Galectin-1 supports the survival of CD45RA(-) primary myeloma cells in vitro. <i>British Journal of Haematology</i> , 2008 , 142, 754-65	4.5	25
12	Epidemiological and molecular analysis of astrovirus gastroenteritis in Dhaka City, Bangladesh. <i>Journal of Tropical Pediatrics</i> , 2008 , 54, 423-5	1.2	6
11	Decreased Expression Levels of CD54 Associated with Decreased Activity of CXCL12 in Primary Myeloma Cells. <i>Blood</i> , 2008 , 112, 5155-5155	2.2	
10	The PPAR α Activation Mechanism Which Suppresses the Constitutive NF-kB Activity in Human Myeloma Cell Lines.. <i>Blood</i> , 2007 , 110, 4739-4739	2.2	
9	SDF-1 Is Responsible for the Constitutively High NF-kB Activity in Human Myeloma Cells.. <i>Blood</i> , 2007 , 110, 4737-4737	2.2	
8	The Mechanism of Constitutive NF-kB Activity in Myeloma Cell Lines.. <i>Blood</i> , 2007 , 110, 4740-4740	2.2	
7	IL-6-Induced C-MYC Down-Regulates the Expression of CD33 in CD33(+) Myeloma Cell Lines.. <i>Blood</i> , 2007 , 110, 2496-2496	2.2	
6	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.. <i>Blood</i> , 2007 , 110, 3534-3534	2.2	

5	Lung biopsy cells transcriptional landscape from COVID-19 patient stratified lung injury in SARS-CoV-2 infection through impaired pulmonary surfactant metabolism	1
4	SARS-CoV-2 proteins exploit host's genetic and epigenetic mediators for the annexation of key host signaling pathways that confers its immune evasion and disease pathophysiology	5
3	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
2	Perversely expressed long noncoding RNAs can alter host response and viral proliferation in SARS-CoV-2 infection	1
1	A single-cell transcriptome atlas of the adult muscle precursors uncovers early events in fiber-type divergence in <i>Drosophila</i>	1