

Subhrangsu S Mandal

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.

78
papers

5,530
citations

37
h-index

74
g-index

83
ext. papers

6,377
ext. citations

5.7
avg, IF

6.21
L-index

#	Paper	IF	Citations
78	LncRNA HOTAIR regulates glucose transporter Glut1 expression and glucose uptake in macrophages during inflammation. <i>Scientific Reports</i> , 2021 , 11, 232	4.9	17
77	HOTAIR beyond repression: In protein degradation, inflammation, DNA damage response, and cell signaling. <i>DNA Repair</i> , 2021 , 105, 103141	4.3	3
76	HOXA5 Expression Is Elevated in Breast Cancer and Is Transcriptionally Regulated by Estradiol. <i>Frontiers in Genetics</i> , 2020 , 11, 592436	4.5	3
75	The role of lncRNA HOTAIR in the regulation of glucose metabolism. <i>FASEB Journal</i> , 2019 , 33, 778.11	0.9	
74	Long noncoding RNAs in immune response and inflammation. <i>FASEB Journal</i> , 2019 , 33, 778.5	0.9	0
73	LncRNA HOTAIR regulates lipopolysaccharide-induced cytokine expression and inflammatory response in macrophages. <i>Scientific Reports</i> , 2018 , 8, 15670	4.9	41
72	Total synthesis and cytotoxicity of Leucetta alkaloids. <i>Bioorganic and Medicinal Chemistry</i> , 2017 , 25, 1608-1621	5.1	13
71	Role of Peroxisome Proliferator-Activated Receptors in Inflammation and Angiogenesis 2017 , 417-456		
70	Eukaryotic Gene Expression by RNA Polymerase II 2017 , 1-28		1
69	Insulin Signaling, Epigenetics, and Human Diseases 2017 , 541-576		
68	Endocrine Disruptors and Epigenetics 2017 , 577-606		1
67	Histone Variants: Structure, Function, and Implication in Diseases 2017 , 209-226		1
66	Estrogen and Progesterone Receptor Signaling and Action 2017 , 329-354		1
65	Gonadal Steroid Hormones and Brain Protection 2017 , 355-376		
64	Glucocorticoid Receptor-Mediated Signaling and Stress Metabolism 2017 , 377-398		
63	Targeting Androgen Signaling in Prostate Cancer 2017 , 399-416		
62	RAR/RXR-Mediated Signaling 2017 , 457-510		2

61	On the Trail of Thyroid Hormone Receptor Epigenetics 2017 , 511-540		
60	Histone Lysine Methylation, Demethylation, and Hormonal Gene Regulation 2017 , 59-100		2
59	The Role of HATs and HDACs in Cell Physiology and Disease 2017 , 101-136		1
58	Genomic Imprinting in Mammals: Origin and Complexity of an Epigenetically Regulated Phenomenon 2017 , 227-258		
57	Centromere and Kinetochore: Essential Components for Chromosome Segregation 2017 , 259-288		0
56	Histone methylase MLL1 coordinates with HIF and regulate lncRNA HOTAIR expression under hypoxia. <i>Gene</i> , 2017 , 629, 16-28	3.8	23
55	Long Noncoding RNA and Cancer: A New Paradigm. <i>Cancer Research</i> , 2017 , 77, 3965-3981	10.1	1348
54	Estradiol-Induced Transcriptional Regulation of Long Non-Coding RNA, HOTAIR. <i>Methods in Molecular Biology</i> , 2016 , 1366, 395-412	1.4	25
53	Endocrine disrupting chemical, bisphenol-A, induces breast cancer associated gene HOXB9 expression in vitro and in vivo. <i>Gene</i> , 2016 , 590, 234-43	3.8	45
52	New Fe(III) and Co(II) salen complexes with pendant distamycins: selective targeting of cancer cells by DNA damage and mitochondrial pathways. <i>Dalton Transactions</i> , 2016 , 45, 9345-53	4.3	27
51	lncRNA HOTAIR: A master regulator of chromatin dynamics and cancer. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2015 , 1856, 151-64	11.2	231
50	Bisphenol-A induces expression of HOXC6, an estrogen-regulated homeobox-containing gene associated with breast cancer. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2015 , 1849, 697-708	6	41
49	Bisphenol-A and diethylstilbestrol exposure induces the expression of breast cancer associated long noncoding RNA HOTAIR in vitro and in vivo. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2014 , 141, 160-70	5.1	126
48	Long noncoding RNAs: emerging stars in gene regulation, epigenetics and human disease. <i>ChemMedChem</i> , 2014 , 9, 1932-56	3.7	181
47	Histone methyltransferase EZH2 is transcriptionally induced by estradiol as well as estrogenic endocrine disruptors bisphenol-A and diethylstilbestrol. <i>Journal of Molecular Biology</i> , 2014 , 426, 3426-41	6.5	87
46	Antisense oligonucleotide mediated knockdown of HOXC13 affects cell growth and induces apoptosis in tumor cells and over expression of HOXC13 induces 3D-colony formation. <i>RSC Advances</i> , 2013 , 3, 3260-3269	3.7	25
45	MLL histone methylases regulate expression of HDLR-SR-B1 in presence of estrogen and control plasma cholesterol in vivo. <i>Molecular Endocrinology</i> , 2013 , 27, 92-105		20
44	Total syntheses and cytotoxicity of kealiquinone, 2-deoxy-2-aminokealiquinone and analogs. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2013 , 23, 6183-7	2.9	19

43	Antisense transcript long noncoding RNA (lncRNA) HOTAIR is transcriptionally induced by estradiol. <i>Journal of Molecular Biology</i> , 2013 , 425, 3707-22	6.5	183
42	Histone methylase MLL1 has critical roles in tumor growth and angiogenesis and its knockdown suppresses tumor growth in vivo. <i>Oncogene</i> , 2013 , 32, 3359-70	9.2	49
41	Synthesis, characterization, and anticancer activity of ruthenium-pyrazole complexes. <i>Journal of Inorganic Biochemistry</i> , 2012 , 111, 33-9	4.2	26
40	Homeodomain-containing protein HOXB9 regulates expression of growth and angiogenic factors, facilitates tumor growth in vitro and is overexpressed in breast cancer tissue. <i>FEBS Journal</i> , 2012 , 279, 3715-3726	5.7	49
39	HOXC10 is overexpressed in breast cancer and transcriptionally regulated by estrogen via involvement of histone methylases MLL3 and MLL4. <i>Journal of Molecular Endocrinology</i> , 2012 , 48, 61-75	4.5	66
38	Nuclease activity via self-activation and anticancer activity of a mononuclear copper(II) complex: novel role of the tertiary butyl group in the ligand frame. <i>Inorganic Chemistry</i> , 2012 , 51, 3343-5	5.1	55
37	Mixed lineage leukaemia-4 regulates cell-cycle progression and cell viability and its depletion suppresses growth of xenografted tumour in vivo. <i>British Journal of Cancer</i> , 2012 , 107, 315-24	8.7	24
36	HOXC6 is transcriptionally regulated via coordination of MLL histone methylase and estrogen receptor in an estrogen environment. <i>Journal of Molecular Biology</i> , 2011 , 411, 334-49	6.5	60
35	Fe(III)-salen and salphen complexes induce caspase activation and apoptosis in human cells. <i>Journal of Biomolecular Screening</i> , 2011 , 16, 26-35		31
34	Histone methylases MLL1 and MLL3 coordinate with estrogen receptors in estrogen-mediated HOXB9 expression. <i>Biochemistry</i> , 2011 , 50, 3517-27	3.2	30
33	Mixed lineage leukemia: versatile player in epigenetics and human disease. <i>FEBS Journal</i> , 2010 , 277, 1789-7		2
32	Mixed lineage leukemia: roles in gene expression, hormone signaling and mRNA processing. <i>FEBS Journal</i> , 2010 , 277, 1790-804	5.7	103
31	Chromatin remodeling in silico: a stochastic model for SWI/SNF. <i>BioSystems</i> , 2010 , 99, 179-91	1.9	2
30	MLL histone methylases in estrogen-mediated regulation of HOX genes involved in hair follicle development and leukemia. <i>FASEB Journal</i> , 2010 , 24, 456.9	0.9	1
29	MLL histone methylases in gene expression, hormone signaling and cell cycle. <i>Frontiers in Bioscience - Landmark</i> , 2009 , 14, 3483-95	2.8	42
28	Dynamic association of MLL1, H3K4 trimethylation with chromatin and Hox gene expression during the cell cycle. <i>FEBS Journal</i> , 2009 , 276, 1629-40	5.7	49
27	Overexpression of human histone methylase MLL1 upon exposure to a food contaminant mycotoxin, deoxynivalenol. <i>FEBS Journal</i> , 2009 , 276, 3299-307	5.7	25
26	Mixed lineage leukemia histone methylases play critical roles in estrogen-mediated regulation of HOXC13. <i>FEBS Journal</i> , 2009 , 276, 7400-11	5.7	37

25	Manganese(III)-salens induce tumor selective apoptosis in human cells. <i>Journal of Inorganic Biochemistry</i> , 2009 , 103, 818-26	4.2	62
24	Apoptosis and anti-tumour activities of manganese(III)-salen and -salphen complexes. <i>Dalton Transactions</i> , 2009 , 8525-31	4.3	40
23	Iron(III)-salen complexes with less DNA cleavage activity exhibit more efficient apoptosis in MCF7 cells. <i>Organic and Biomolecular Chemistry</i> , 2009 , 7, 926-32	3.9	63
22	Modeling a Complex Biological Network with Temporal Heterogeneity: Cardiac Myocyte Plasticity as a Case Study. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , 2009 , 467-486	0.2	
21	MLL2 histone methylase in estrogen dependent trans-activation of high density lipoprotein receptors. <i>FASEB Journal</i> , 2009 , 23, 880.12	0.9	
20	Human CpG binding protein interacts with MLL1, MLL2 and hSet1 and regulates Hox gene expression. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2008 , 1779, 66-73	6	52
19	Iron(III)-salen damages DNA and induces apoptosis in human cell via mitochondrial pathway. <i>Journal of Inorganic Biochemistry</i> , 2008 , 102, 740-7	4.2	66
18	Histone H2B monoubiquitination functions cooperatively with FACT to regulate elongation by RNA polymerase II. <i>Cell</i> , 2006 , 125, 703-17	56.2	545
17	Monoubiquitination of human histone H2B: the factors involved and their roles in HOX gene regulation. <i>Molecular Cell</i> , 2005 , 20, 601-11	17.6	367
16	The human PAF complex coordinates transcription with events downstream of RNA synthesis. <i>Genes and Development</i> , 2005 , 19, 1668-73	12.6	165
15	Human Spt6 stimulates transcription elongation by RNA polymerase II in vitro. <i>Molecular and Cellular Biology</i> , 2004 , 24, 3324-36	4.8	89
14	Functional interactions of RNA-capping enzyme with factors that positively and negatively regulate promoter escape by RNA polymerase II. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004 , 101, 7572-7	11.5	130
13	Recent highlights of RNA-polymerase-II-mediated transcription. <i>Current Opinion in Cell Biology</i> , 2004 , 16, 263-71	9	148
12	High-resolution protein-DNA contacts for the yeast RNA polymerase II general transcription machinery. <i>Biochemistry</i> , 2004 , 43, 12741-9	3.2	24
11	FCP1, a phosphatase specific for the heptapeptide repeat of the largest subunit of RNA polymerase II, stimulates transcription elongation. <i>Molecular and Cellular Biology</i> , 2002 , 22, 7543-52	4.8	56
10	Using 2-aminopurine fluorescence to measure incorporation of incorrect nucleotides by wild type and mutant bacteriophage T4 DNA polymerases. <i>Journal of Biological Chemistry</i> , 2002 , 277, 40640-9	5.4	57
9	Using 2-aminopurine fluorescence to detect base unstacking in the template strand during nucleotide incorporation by the bacteriophage T4 DNA polymerase. <i>Biochemistry</i> , 2002 , 41, 4399-406	3.2	40
8	Mutational and pH studies of the 3U-> 5U exonuclease activity of bacteriophage T4 DNA polymerase. <i>Journal of Biological Chemistry</i> , 1999 , 274, 25151-8	5.4	23

7	Evidence of interlipidic ion-pairing in anion-induced DNA release from cationic amphiphile-DNA complexes. Mechanistic implications in transfection. <i>Biochemistry</i> , 1998 , 37, 7764-77	3.2	126
6	Role of the central metal ion and ligand charge in the DNA binding and modification by metallosalen complexes. <i>Bioconjugate Chemistry</i> , 1997 , 8, 798-812	6.3	79
5	Interaction of surfactants with DNA. Role of hydrophobicity and surface charge on intercalation and DNA melting. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1997 , 1323, 29-44	3.8	103
4	Exceptionally long crystal formation from 4-(3-bromopropoxy)salicylaldehyde. X-Ray crystallographic investigation. <i>Chemical Communications</i> , 1996 , 2725	5.8	5
3	DNA cleavage by intercalatable cobalt bispicolyamine complexes activated by visible light. <i>Chemical Communications</i> , 1996 , 1515-1516	5.8	59
2	Metal-ion-dependent oxidative DNA cleavage by transition metal complexes of a new water-soluble salen derivative. <i>Journal of Inorganic Biochemistry</i> , 1996 , 63, 265-72	4.2	50
1	Ambient oxygen activating water soluble cobalt salen complex for DNA cleavage. <i>Journal of the Chemical Society Chemical Communications</i> , 1995 , 2489-2490		56