

Subhrangsu S Mandal

List of Publications by Citations

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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	Long Noncoding RNA and Cancer: A New Paradigm. <i>Cancer Research</i> , 2017 , 77, 3965-3981	10.1	1348
77	Histone H2B monoubiquitination functions cooperatively with FACT to regulate elongation by RNA polymerase II. <i>Cell</i> , 2006 , 125, 703-17	56.2	545
76	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
75	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
74	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
73	Long noncoding RNAs: emerging stars in gene regulation, epigenetics and human disease. <i>ChemMedChem</i> , 2014 , 9, 1932-56	3.7	181
72	The human PAF complex coordinates transcription with events downstream of RNA synthesis. <i>Genes and Development</i> , 2005 , 19, 1668-73	12.6	165
71	Recent highlights of RNA-polymerase-II-mediated transcription. <i>Current Opinion in Cell Biology</i> , 2004 , 16, 263-71	9	148
70	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
69	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
68	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
67	Mixed lineage leukemia: roles in gene expression, hormone signaling and mRNA processing. <i>FEBS Journal</i> , 2010 , 277, 1790-804	5.7	103
66	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
65	Human Spt6 stimulates transcription elongation by RNA polymerase II in vitro. <i>Molecular and Cellular Biology</i> , 2004 , 24, 3324-36	4.8	89
64	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
63	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
62	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

61	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
60	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
59	Manganese(III)-salens induce tumor selective apoptosis in human cells. <i>Journal of Inorganic Biochemistry</i> , 2009 , 103, 818-26	4.2	62
58	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
57	DNA cleavage by intercalatable cobalt bispicolylamine complexes activated by visible light. <i>Chemical Communications</i> , 1996 , 1515-1516	5.8	59
56	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
55	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
54	Ambient oxygen activating water soluble cobalt salen complex for DNA cleavage. <i>Journal of the Chemical Society Chemical Communications</i> , 1995 , 2489-2490		56
53	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
52	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
51	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
50	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
49	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
48	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
47	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
46	MLL histone methylases in gene expression, hormone signaling and cell cycle. <i>Frontiers in Bioscience - Landmark</i> , 2009 , 14, 3483-95	2.8	42
45	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
44	LncRNA HOTAIR regulates lipopolysaccharide-induced cytokine expression and inflammatory response in macrophages. <i>Scientific Reports</i> , 2018 , 8, 15670	4.9	41

43	Apoptosis and anti-tumour activities of manganese(III)-salen and -salphen complexes. <i>Dalton Transactions</i> , 2009 , 8525-31	4-3	40
42	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
41	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
40	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
39	Histone methylases MLL1 and MLL3 coordinate with estrogen receptors in estrogen-mediated HOXB9 expression. <i>Biochemistry</i> , 2011 , 50, 3517-27	3-2	30
38	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
37	Synthesis, characterization, and anticancer activity of ruthenium-pyrazole complexes. <i>Journal of Inorganic Biochemistry</i> , 2012 , 111, 33-9	4-2	26
36	Estradiol-Induced Transcriptional Regulation of Long Non-Coding RNA, HOTAIR. <i>Methods in Molecular Biology</i> , 2016 , 1366, 395-412	1-4	25
35	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
34	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
33	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
32	High-resolution protein-DNA contacts for the yeast RNA polymerase II general transcription machinery. <i>Biochemistry</i> , 2004 , 43, 12741-9	3-2	24
31	Histone methylase MLL1 coordinates with HIF and regulate lncRNA HOTAIR expression under hypoxia. <i>Gene</i> , 2017 , 629, 16-28	3-8	23
30	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
29	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
28	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
27	LncRNA HOTAIR regulates glucose transporter Glut1 expression and glucose uptake in macrophages during inflammation. <i>Scientific Reports</i> , 2021 , 11, 232	4-9	17
26	Total synthesis and cytotoxicity of Leucetta alkaloids. <i>Bioorganic and Medicinal Chemistry</i> , 2017 , 25, 1608-1621	3-16	13

25	Exceptionally long crystal formation from 4-(3-bromopropoxy)salicylaldehyde. X-Ray crystallographic investigation. <i>Chemical Communications</i> , 1996 , 2725	5.8	5
24	HOXA5 Expression Is Elevated in Breast Cancer and Is Transcriptionally Regulated by Estradiol. <i>Frontiers in Genetics</i> , 2020 , 11, 592436	4.5	3
23	HOTAIR beyond repression: In protein degradation, inflammation, DNA damage response, and cell signaling. <i>DNA Repair</i> , 2021 , 105, 103141	4.3	3
22	RAR/RXR-Mediated Signaling 2017 , 457-510		2
21	Histone Lysine Methylation, Demethylation, and Hormonal Gene Regulation 2017 , 59-100		2
20	Mixed lineage leukemia: versatile player in epigenetics and human disease. <i>FEBS Journal</i> , 2010 , 277, 1789.7		2
19	Chromatin remodeling in silico: a stochastic model for SWI/SNF. <i>BioSystems</i> , 2010 , 99, 179-91	1.9	2
18	Eukaryotic Gene Expression by RNA Polymerase II 2017 , 1-28		1
17	Endocrine Disruptors and Epigenetics 2017 , 577-606		1
16	Histone Variants: Structure, Function, and Implication in Diseases 2017 , 209-226		1
15	Estrogen and Progesterone Receptor Signaling and Action 2017 , 329-354		1
14	The Role of HATs and HDACs in Cell Physiology and Disease 2017 , 101-136		1
13	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
12	Centromere and Kinetochore: Essential Components for Chromosome Segregation 2017 , 259-288		0
11	Long noncoding RNAs in immune response and inflammation. <i>FASEB Journal</i> , 2019 , 33, 778.5	0.9	0
10	Role of Peroxisome Proliferator-Activated Receptors in Inflammation and Angiogenesis 2017 , 417-456		
9	Insulin Signaling, Epigenetics, and Human Diseases 2017 , 541-576		
8	Gonadal Steroid Hormones and Brain Protection 2017 , 355-376		

- 7 Glucocorticoid Receptor-Mediated Signaling and Stress Metabolism **2017**, 377-398
- 6 Targeting Androgen Signaling in Prostate Cancer **2017**, 399-416
- 5 On the Trail of Thyroid Hormone Receptor Epigenetics **2017**, 511-540
- 4 Genomic Imprinting in Mammals: Origin and Complexity of an Epigenetically Regulated Phenomenon **2017**, 227-258
- 3 The role of lncRNA HOTAIR in the regulation of glucose metabolism. *FASEB Journal*, **2019**, 33, 778.11 0.9
- 2 Modeling a Complex Biological Network with Temporal Heterogeneity: Cardiac Myocyte Plasticity as a Case Study. *Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering*, **2009**, 467-486 0.2
- 1 MLL2 histone methylase in estrogen dependent trans-activation of high density lipoprotein receptors. *FASEB Journal*, **2009**, 23, 880.12 0.9