

Subhrangsu S Mandal

List of Publications by Year in descending order

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65
papers

7,042
citations

87723

38
h-index

118652

62
g-index

83
all docs

83
docs citations

83
times ranked

8971
citing authors

#	ARTICLE	IF	CITATIONS
1	Long Noncoding RNA and Cancer: A New Paradigm. <i>Cancer Research</i> , 2017, 77, 3965-3981.	0.4	2,080
2	Histone H2B Monoubiquitination Functions Cooperatively with FACT to Regulate Elongation by RNA Polymerase II. <i>Cell</i> , 2006, 125, 703-717.	13.5	636
3	Monoubiquitination of Human Histone H2B: The Factors Involved and Their Roles in HOX Gene Regulation. <i>Molecular Cell</i> , 2005, 20, 601-611.	4.5	439
4	LncRNA HOTAIR: A master regulator of chromatin dynamics and cancer. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2015, 1856, 151-164.	3.3	314
5	Long Noncoding RNAs: Emerging Stars in Gene Regulation, Epigenetics and Human Disease. <i>ChemMedChem</i> , 2014, 9, 1932-1956.	1.6	241
6	Antisense Transcript Long Noncoding RNA (lncRNA) HOTAIR is Transcriptionally Induced by Estradiol. <i>Journal of Molecular Biology</i> , 2013, 425, 3707-3722.	2.0	226
7	The human PAF complex coordinates transcription with events downstream of RNA synthesis. <i>Genes and Development</i> , 2005, 19, 1668-1673.	2.7	192
8	Recent highlights of RNA-polymerase-II-mediated transcription. <i>Current Opinion in Cell Biology</i> , 2004, 16, 263-271.	2.6	167
9	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, 7572-7577.	3.3	148
10	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, 160-170.	1.2	144
11	Evidence of Interlipidic Ion-Pairing in Anion-Induced DNA Release from Cationic Amphiphile-DNA Complexes. <i>Mechanistic Implications in Transfection</i> . <i>Biochemistry</i> , 1998, 37, 7764-7777.	1.2	133
12	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.	1.4	120
13	Mixed lineage leukemia: roles in gene expression, hormone signaling and mRNA processing. <i>FEBS Journal</i> , 2010, 277, 1790-1804.	2.2	117
14	Human Spt6 Stimulates Transcription Elongation by RNA Polymerase II In Vitro. <i>Molecular and Cellular Biology</i> , 2004, 24, 3324-3336.	1.1	106
15	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, 3426-3441.	2.0	100
16	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.	1.8	83
17	Iron(III)-salen damages DNA and induces apoptosis in human cell via mitochondrial pathway. <i>Journal of Inorganic Biochemistry</i> , 2008, 102, 740-747.	1.5	74
18	LncRNA HOTAIR regulates lipopolysaccharide-induced cytokine expression and inflammatory response in macrophages. <i>Scientific Reports</i> , 2018, 8, 15670.	1.6	74

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19	Manganese(III)-salens induce tumor selective apoptosis in human cells. <i>Journal of Inorganic Biochemistry</i> , 2009, 103, 818-826.	1.5	73
20	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.	1.1	71
21	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.	1.5	68
22	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, 334-349.	2.0	68
23	DNA cleavage by intercalatable cobalt(II)-bispicolylamine complexes activated by visible light. <i>Chemical Communications</i> , 1996, , 1515-1516.	2.2	62
24	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, 7543-7552.	1.1	62
25	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, 40640-40649.	1.6	62
26	Endocrine disrupting chemical, bisphenol-A, induces breast cancer associated gene HOXB9 expression in vitro and in vivo. <i>Gene</i> , 2016, 590, 234-243.	1.0	62
27	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, 3343-3345.	1.9	60
28	Histone methylase MLL1 has critical roles in tumor growth and angiogenesis and its knockdown suppresses tumor growth in vivo. <i>Oncogene</i> , 2013, 32, 3359-3370.	2.6	60
29	Ambient oxygen activating water soluble cobalt(II)-salen complex for DNA cleavage. <i>Journal of the Chemical Society Chemical Communications</i> , 1995, , 2489-2490.	2.0	58
30	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.	0.9	56
31	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, 265-272.	1.5	55
32	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.	0.9	55
33	Dynamic association of MLL1, H3K4 trimethylation with chromatin and <i>Hox</i> gene expression during the cell cycle. <i>FEBS Journal</i> , 2009, 276, 1629-1640.	2.2	54
34	Homeodomain-containing protein HOXB9 regulates expression of growth and angiogenic factors, facilitates tumor growth <i>in vitro</i> and is overexpressed in breast cancer tissue. <i>FEBS Journal</i> , 2012, 279, 3715-3726.	2.2	53
35	Apoptosis and anti-tumour activities of manganese(III)-salen and -salphen complexes. <i>Dalton Transactions</i> , 2009, , 8525.	1.6	47
36	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, 4399-4406.	1.2	43

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37	MLL histone methylases in gene expression, hormone signaling and cell cycle. <i>Frontiers in Bioscience - Landmark</i> , 2009, Volume, 3483.	3.0	43
38	Mixed lineage leukemia histone methylases play critical roles in estrogen-mediated regulation of HOXC13. <i>FEBS Journal</i> , 2009, 276, 7400-7411.	2.2	41
39	Fe(III)-Salen and Salphen Complexes Induce Caspase Activation and Apoptosis in Human Cells. <i>Journal of Biomolecular Screening</i> , 2011, 16, 26-35.	2.6	40
40	Histone methylase MLL1 coordinates with HIF and regulate lncRNA HOTAIR expression under hypoxia. <i>Gene</i> , 2017, 629, 16-28.	1.0	40
41	lncRNA HOTAIR regulates glucose transporter Glut1 expression and glucose uptake in macrophages during inflammation. <i>Scientific Reports</i> , 2021, 11, 232.	1.6	38
42	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, 9345-9353.	1.6	33
43	Histone Methylases MLL1 and MLL3 Coordinate with Estrogen Receptors in Estrogen-Mediated HOXB9 Expression. <i>Biochemistry</i> , 2011, 50, 3517-3527.	1.2	31
44	Estradiol-Induced Transcriptional Regulation of Long Non-Coding RNA, HOTAIR. <i>Methods in Molecular Biology</i> , 2016, 1366, 395-412.	0.4	31
45	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.	1.7	30
46	Synthesis, characterization, and anticancer activity of ruthenium-pyrazole complexes. <i>Journal of Inorganic Biochemistry</i> , 2012, 111, 33-39.	1.5	29
47	High-Resolution Protein-DNA Contacts for the Yeast RNA Polymerase II General Transcription Machinery. <i>Biochemistry</i> , 2004, 43, 12741-12749.	1.2	28
48	Overexpression of human histone methylase MLL1 upon exposure to a food contaminant mycotoxin, deoxynivalenol. <i>FEBS Journal</i> , 2009, 276, 3299-3307.	2.2	27
49	Mutational and pH Studies of the 3' 5' Exonuclease Activity of Bacteriophage T4 DNA Polymerase. <i>Journal of Biological Chemistry</i> , 1999, 274, 25151-25158.	1.6	26
50	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, 315-324.	2.9	26
51	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.	3.7	23
52	Total syntheses and cytotoxicity of kealiquinone, 2-deoxy-2-aminokealiquinone and analogs. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2013, 23, 6183-6187.	1.0	20
53	Total synthesis and cytotoxicity of Leucetta alkaloids. <i>Bioorganic and Medicinal Chemistry</i> , 2017, 25, 1608-1621.	1.4	14
54	HOTAIR beyond repression: In protein degradation, inflammation, DNA damage response, and cell signaling. <i>DNA Repair</i> , 2021, 105, 103141.	1.3	13

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55	HOXA5 Expression Is Elevated in Breast Cancer and Is Transcriptionally Regulated by Estradiol. <i>Frontiers in Genetics</i> , 2020, 11, 592436.	1.1	10
56	Exceptionally long crystal formation from 4-(3-bromopropoxy)salicylaldehyde. X-Ray crystallographic investigation. <i>Chemical Communications</i> , 1996, , 2725.	2.2	6
57	Chromatin remodeling in silico: A stochastic model for SWI/SNF. <i>BioSystems</i> , 2010, 99, 179-191.	0.9	2
58	Mixed lineage leukemia: versatile player in epigenetics and human disease. <i>FEBS Journal</i> , 2010, 277, 1789-1789.	2.2	2
59	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.	0.2	1
60	Long noncoding RNAs in immune response and inflammation. <i>FASEB Journal</i> , 2019, 33, 778.5.	0.2	1
61	One-Pot Synthesis of Novel 2-Imino-5-Arylidine-Thiazolidine Analogues and Evaluation of Their Anti-Proliferative Activity against MCF7 Breast Cancer Cell Line. <i>Molecules</i> , 2022, 27, 841.	1.7	1
62	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	0
63	MLL2 histone methylase in estrogen dependent transactivation of high density lipoprotein receptors. <i>FASEB Journal</i> , 2009, 23, 880.12.	0.2	0
64	The role of lncRNA HOTAIR in the regulation of glucose metabolism. <i>FASEB Journal</i> , 2019, 33, 778.11.	0.2	0
65	Long noncoding RNAs in regulation of inflammation, immune response, and glucose metabolism. <i>FASEB Journal</i> , 2022, 36, .	0.2	0