Debabrata Chakravarti

List of Publications by Year in Descending Order

60 papers	7,578 citations	35 h-index	64 g-index
64 ext. papers	8,215 ext. citations	14.3 avg, IF	5.22 L-index

#	Paper	IF	Citations
60	A MYC inhibitor selectively alters the MYC and MAX cistromes and modulates the epigenomic landscape to regulate target gene expression.. *Science Advances*, **2022**, 8, eabh3635	14.3	1
59	Epigenomic tensor predicts disease subtypes and reveals constrained tumor evolution. *Cell Reports*, **2021**, 34, 108927	10.6	2
58	The long noncoding RNA H19 regulates tumor plasticity in neuroendocrine prostate cancer.. *Nature Communications*, **2021**, 12, 7349	17.4	10
57	Altered chromatin landscape and enhancer engagement underlie transcriptional dysregulation in MED12 mutant uterine leiomyomas. *Nature Communications*, **2020**, 11, 1019	17.4	15
56	HMGA2-mediated tumorigenesis through angiogenesis in leiomyoma. *Fertility and Sterility*, **2020**, 114, 1085-1096	4.8	10
55	Activation of protein kinase B by WNT4 as a regulator of uterine leiomyoma stem cell function. *Fertility and Sterility*, **2020**, 114, 1339-1349	4.8	8
54	Histone methyltransferase DOT1L coordinates AR and MYC stability in prostate cancer. *Nature Communications*, **2020**, 11, 4153	17.4	23
53	Small-Molecule MYC Inhibitors Suppress Tumor Growth and Enhance Immunotherapy. *Cancer Cell*, **2019**, 36, 483-497.e15	24.3	110
52	Interferon-β signaling is associated with loss-of-function mutations in high grade serous ovarian cancer. *Npj Precision Oncology*, **2019**, 3, 32	9.8	13
51	The AKT/BCL-2 Axis Mediates Survival of Uterine Leiomyoma in a Novel 3D Spheroid Model. *Endocrinology*, **2018**, 159, 1453-1462	4.8	10
50	Application of ex-vivo spheroid model system for the analysis of senescence and senolytic phenotypes in uterine leiomyoma. *Laboratory Investigation*, **2018**, 98, 1575-1587	5.9	10
49	Comparative analysis of AKT and the related biomarkers in uterine leiomyomas with MED12, HMGA2, and FH mutations. *Genes Chromosomes and Cancer*, **2018**, 57, 485-494	5	14
48	Feeling Stressed under the Sun? RPA1 Acetylation to the Rescue. *Cell Reports*, **2017**, 20, 1995-1996	10.6	
47	Dysfunctional MnSOD leads to redox dysregulation and activation of prosurvival AKT signaling in uterine leiomyomas. *Science Advances*, **2016**, 2, e1601132	14.3	15
46	KAT8 Regulates Androgen Signaling in Prostate Cancer Cells. *Molecular Endocrinology*, **2016**, 30, 925-36		15
45	Decreased expression of microRNA-29 family in leiomyoma contributes to increased major fibrillar collagen production. *Fertility and Sterility*, **2016**, 106, 766-72	4.8	27
44	Human uterine leiomyoma stem/progenitor cells expressing CD34 and CD49b initiate tumors in vivo. *Journal of Clinical Endocrinology and Metabolism*, **2015**, 100, E601-6	5.6	46

43	Uterine Leiomyoma Stem Cells: Linking Progesterone to Growth. *Seminars in Reproductive Medicine*, **2015**, 33, 357-65	1.4	39
42	Genomic Determinants of THAP11/ZNF143/HCFC1 Complex Recruitment to Chromatin. *Molecular and Cellular Biology*, **2015**, 35, 4135-46	4.8	12
41	LncRNA HOTAIR Enhances the Androgen-Receptor-Mediated Transcriptional Program and Drives Castration-Resistant Prostate Cancer. *Cell Reports*, **2015**, 13, 209-221	10.6	211
40	Ovarian steroids, stem cells and uterine leiomyoma: therapeutic implications. *Human Reproduction Update*, **2015**, 21, 1-12	15.8	91
39	A role for WDR5 in integrating threonine 11 phosphorylation to lysine 4 methylation on histone H3 during androgen signaling and in prostate cancer. *Molecular Cell*, **2014**, 54, 613-25	17.6	81
38	Host cell factor-1 recruitment to E2F-bound and cell-cycle-control genes is mediated by THAP11 and ZNF143. *Cell Reports*, **2014**, 9, 967-82	10.6	27
37	Ligand-activated peroxisome proliferator-activated receptor □ modulates human endometrial cancer cell survival. *Hormones and Cancer*, **2013**, 4, 358-70	5	5
36	Expression profiling of nuclear receptors identifies key roles of NR4A subfamily in uterine fibroids. *Molecular Endocrinology*, **2013**, 27, 726-40		19
35	MK-2206, an AKT inhibitor, promotes caspase-independent cell death and inhibits leiomyoma growth. *Endocrinology*, **2013**, 154, 4046-57	4.8	38
34	Paracrine activation of WNT/□-catenin pathway in uterine leiomyoma stem cells promotes tumor growth. *Proceedings of the National Academy of Sciences of the United States of America*, **2013**, 110, 17053-8	11.5	111
33	A transcriptional regulatory role of the THAP11-HCF-1 complex in colon cancer cell function. *Molecular and Cellular Biology*, **2012**, 32, 1654-70	4.8	41
32	Chromatin immunoprecipitation: advancing analysis of nuclear hormone signaling. *Journal of Molecular Endocrinology*, **2012**, 49, R113-23	4.5	15
31	Inhibition of p53 acetylation by INHAT subunit SET/TAF-I□ represses p53 activity. *Nucleic Acids Research*, **2012**, 40, 75-87	20.1	37
30	KDM3B is the H3K9 demethylase involved in transcriptional activation of lmo2 in leukemia. *Molecular and Cellular Biology*, **2012**, 32, 2917-33	4.8	72
29	A peek into the complex realm of histone phosphorylation. *Molecular and Cellular Biology*, **2011**, 31, 4858-73	4.8	127
28	Transcription factor KLF11 integrates progesterone receptor signaling and proliferation in uterine leiomyoma cells. *Cancer Research*, **2010**, 70, 1722-30	10.1	64
27	Progestins activate the AKT pathway in leiomyoma cells and promote survival. *Journal of Clinical Endocrinology and Metabolism*, **2009**, 94, 1768-74	5.6	71
26	Regulatory mechanisms in transcriptional signaling by nuclear hormone receptors, and their regulators: implications in physiology and disease. Introduction. *Progress in Molecular Biology and Translational Science*, **2009**, 87, xv-xxii	4	1

25	Chromatin remodeling and nuclear receptor signaling. *Progress in Molecular Biology and Translational Science*, **2009**, 87, 193-234	4	7
24	Chromatin binding of SRp20 and ASF/SF2 and dissociation from mitotic chromosomes is modulated by histone H3 serine 10 phosphorylation. *Molecular Cell*, **2009**, 33, 450-61	17.6	135
23	Differential expression of microRNA species in human uterine leiomyoma versus normal myometrium. *Fertility and Sterility*, **2008**, 89, 1771-6	4.8	103
22	Novel regulatory role for human Acf1 in transcriptional repression of vitamin D3 receptor-regulated genes. *Molecular Endocrinology*, **2007**, 21, 1791-806		22
21	Thanatos-associated protein 7 associates with template activating factor-Ibeta and inhibits histone acetylation to repress transcription. *Molecular Endocrinology*, **2006**, 20, 335-47		32
20	Human THAP7 is a chromatin-associated, histone tail-binding protein that represses transcription via recruitment of HDAC3 and nuclear hormone receptor corepressor. *Journal of Biological Chemistry*, **2005**, 280, 7346-58	5.4	51
19	Histone acetyltransferase-dependent chromatin remodeling and the vascular clock. *Journal of Biological Chemistry*, **2004**, 279, 7091-7	5.4	159
18	A signaling role of histone-binding proteins and INHAT subunits pp32 and Set/TAF-Ibeta in integrating chromatin hypoacetylation and transcriptional repression. *Journal of Biological Chemistry*, **2004**, 279, 30850-5	5.4	72
17	The identification of phosphorylation sites of pp32 and biochemical purification of a cellular pp32-kinase. *Biochemistry*, **2004**, 43, 10157-65	3.2	10
16	SET-ting the stage for life and death. *Cell*, **2003**, 112, 589-91	56.2	36
15	Herpes simplex virus type 1 tegument protein VP22 interacts with TAF-I proteins and inhibits nucleosome assembly but not regulation of histone acetylation by INHAT. *Journal of General Virology*, **2003**, 84, 2501-2510	4.9	47
14	The human proliferating Cell nuclear antigen regulates transcriptional coactivator p300 activity and promotes transcriptional repression. *Journal of Biological Chemistry*, **2003**, 278, 44505-13	5.4	35
13	Ataxin-3 is a histone-binding protein with two independent transcriptional corepressor activities. *Journal of Biological Chemistry*, **2002**, 277, 45004-12	5.4	168
12	Inhibition of CBP-mediated protein acetylation by the Ets family oncoprotein PU.1. *Molecular and Cellular Biology*, **2002**, 22, 3729-43	4.8	61
11	Regulation of histone acetylation and transcription by nuclear protein pp32, a subunit of the INHAT complex. *Journal of Biological Chemistry*, **2002**, 277, 14005-10	5.4	103
10	The oncoprotein Set/TAF-1beta, an inhibitor of histone acetyltransferase, inhibits active demethylation of DNA, integrating DNA methylation and transcriptional silencing. *Journal of Biological Chemistry*, **2002**, 277, 25026-31	5.4	147
9	Regulation of histone acetylation and transcription by INHAT, a human cellular complex containing the set oncoprotein. *Cell*, **2001**, 104, 119-30	56.2	395
8	Regulation of CLOCK and MOP4 by nuclear hormone receptors in the vasculature: a humoral mechanism to reset a peripheral clock. *Cell*, **2001**, 105, 877-89	56.2	377

7	A viral mechanism for inhibition of p300 and PCAF acetyltransferase activity. *Cell*, **1999**, 96, 393-403	56.2	304
6	Nuclear receptor repression mediated by a complex containing SMRT, mSin3A, and histone deacetylase. *Cell*, **1997**, 89, 373-80	56.2	1120
5	Nuclear receptor coactivator ACTR is a novel histone acetyltransferase and forms a multimeric activation complex with P/CAF and CBP/p300. *Cell*, **1997**, 90, 569-80	56.2	1311
4	Two contact regions between Stat1 and CBP/p300 in interferon gamma signaling. *Proceedings of the National Academy of Sciences of the United States of America*, **1996**, 93, 15092-6	11.5	430
3	Novel retinoic acid receptor ligands in Xenopus embryos. *Proceedings of the National Academy of Sciences of the United States of America*, **1996**, 93, 4873-8	11.5	103
2	Role of CBP/P300 in nuclear receptor signalling. *Nature*, **1996**, 383, 99-103	50.4	863
1	Interactions between the retinoid X receptor and a conserved region of the TATA-binding protein mediate hormone-dependent transactivation. *Proceedings of the National Academy of Sciences of the United States of America*, **1995**, 92, 8288-92	11.5	95