

# Debabrata Chakravarti

## List of Publications by Year in descending order

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62  
papers

8,801  
citations

87843

38  
h-index

123376

61  
g-index

64  
all docs

64  
docs citations

64  
times ranked

8684  
citing authors

#	ARTICLE	IF	CITATIONS
1	Nuclear Receptor Coactivator ACTR Is a Novel Histone Acetyltransferase and Forms a Multimeric Activation Complex with P/CAF and CBP/p300. <i>Cell</i> , 1997, 90, 569-580.	13.5	1,400
2	Nuclear Receptor Repression Mediated by a Complex Containing SMRT, mSin3A, and Histone Deacetylase. <i>Cell</i> , 1997, 89, 373-380.	13.5	1,206
3	Role of CBP/P300 in nuclear receptor signalling. <i>Nature</i> , 1996, 383, 99-103.	13.7	899
4	Two contact regions between Stat1 and CBP/p300 in interferon $\hat{A}$ signaling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1996, 93, 15092-15096.	3.3	455
5	Regulation of Histone Acetylation and Transcription by INHAT, a Human Cellular Complex Containing the Set Oncoprotein. <i>Cell</i> , 2001, 104, 119-130.	13.5	441
6	Regulation of CLOCK and MOP4 by Nuclear Hormone Receptors in the Vasculature. <i>Cell</i> , 2001, 105, 877-889.	13.5	419
7	A Viral Mechanism for Inhibition of p300 and PCAF Acetyltransferase Activity. <i>Cell</i> , 1999, 96, 393-403.	13.5	323
8	LncRNA HOTAIR Enhances the Androgen-Receptor-Mediated Transcriptional Program and Drives Castration-Resistant Prostate Cancer. <i>Cell Reports</i> , 2015, 13, 209-221.	2.9	291
9	Small-Molecule MYC Inhibitors Suppress Tumor Growth and Enhance Immunotherapy. <i>Cancer Cell</i> , 2019, 36, 483-497.e15.	7.7	247
10	Ataxin-3 Is a Histone-binding Protein with Two Independent Transcriptional Corepressor Activities. <i>Journal of Biological Chemistry</i> , 2002, 277, 45004-45012.	1.6	197
11	Histone Acetyltransferase-dependent Chromatin Remodeling and the Vascular Clock. <i>Journal of Biological Chemistry</i> , 2004, 279, 7091-7097.	1.6	182
12	The Oncoprotein Set/TAF-1 $\hat{1}$ <sup>2</sup> , an Inhibitor of Histone Acetyltransferase, Inhibits Active Demethylation of DNA, Integrating DNA Methylation and Transcriptional Silencing. <i>Journal of Biological Chemistry</i> , 2002, 277, 25026-25031.	1.6	163
13	A Peek into the Complex Realm of Histone Phosphorylation. <i>Molecular and Cellular Biology</i> , 2011, 31, 4858-4873.	1.1	150
14	Paracrine activation of WNT/ $\hat{1}$ <sup>2</sup> -catenin pathway in uterine leiomyoma stem cells promotes tumor growth. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 17053-17058.	3.3	148
15	Chromatin Binding of SRp20 and ASF/SF2 and Dissociation from Mitotic Chromosomes Is Modulated by Histone H3 Serine 10 Phosphorylation. <i>Molecular Cell</i> , 2009, 33, 450-461.	4.5	145
16	Regulation of Histone Acetylation and Transcription by Nuclear Protein pp32, a Subunit of the INHAT Complex. <i>Journal of Biological Chemistry</i> , 2002, 277, 14005-14010.	1.6	124
17	A Role for WDR5 in Integrating Threonine 11 Phosphorylation to Lysine 4 Methylation on Histone H3 during Androgen Signaling and in Prostate Cancer. <i>Molecular Cell</i> , 2014, 54, 613-625.	4.5	121
18	Differential expression of microRNA species in human uterine leiomyoma versus normal myometrium. <i>Fertility and Sterility</i> , 2008, 89, 1771-1776.	0.5	115

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19	Novel retinoic acid receptor ligands in <i>Xenopus</i> embryos.. Proceedings of the National Academy of Sciences of the United States of America, 1996, 93, 4873-4878.	3.3	111
20	Ovarian steroids, stem cells and uterine leiomyoma: therapeutic implications. Human Reproduction Update, 2015, 21, 1-12.	5.2	111
21	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, 8288-8292.	3.3	108
22	KDM3B Is the H3K9 Demethylase Involved in Transcriptional Activation of <i>lmo2</i> in Leukemia. Molecular and Cellular Biology, 2012, 32, 2917-2933.	1.1	99
23	A Signaling Role of Histone-binding Proteins and INHAT Subunits pp32 and Set/TAF- $\text{I}^2$ in Integrating Chromatin Hypoacetylation and Transcriptional Repression. Journal of Biological Chemistry, 2004, 279, 30850-30855.	1.6	82
24	Progestins Activate the AKT Pathway in Leiomyoma Cells and Promote Survival. Journal of Clinical Endocrinology and Metabolism, 2009, 94, 1768-1774.	1.8	78
25	Transcription Factor KLF11 Integrates Progesterone Receptor Signaling and Proliferation in Uterine Leiomyoma Cells. Cancer Research, 2010, 70, 1722-1730.	0.4	77
26	Human Uterine Leiomyoma Stem/Progenitor Cells Expressing CD34 and CD49b Initiate Tumors In Vivo. Journal of Clinical Endocrinology and Metabolism, 2015, 100, E601-E606.	1.8	65
27	Inhibition of CBP-Mediated Protein Acetylation by the Ets Family Oncoprotein PU.1. Molecular and Cellular Biology, 2002, 22, 3729-3743.	1.1	63
28	Histone methyltransferase DOT1L coordinates AR and MYC stability in prostate cancer. Nature Communications, 2020, 11, 4153.	5.8	62
29	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, 7346-7358.	1.6	61
30	Uterine Leiomyoma Stem Cells: Linking Progesterone to Growth. Seminars in Reproductive Medicine, 2015, 33, 357-365.	0.5	58
31	Inhibition of p53 acetylation by INHAT subunit SET/TAF- $\text{I}^2$ represses p53 activity. Nucleic Acids Research, 2012, 40, 75-87.	6.5	56
32	A Transcriptional Regulatory Role of the THAP11-HCF-1 Complex in Colon Cancer Cell Function. Molecular and Cellular Biology, 2012, 32, 1654-1670.	1.1	53
33	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.	1.3	52
34	The long noncoding RNA H19 regulates tumor plasticity in neuroendocrine prostate cancer. Nature Communications, 2021, 12, 7349.	5.8	51
35	Host Cell Factor-1 Recruitment to E2F-Bound and Cell-Cycle-Control Genes Is Mediated by THAP11 and ZNF143. Cell Reports, 2014, 9, 967-982.	2.9	50
36	MK-2206, an AKT Inhibitor, Promotes Caspase-Independent Cell Death and Inhibits Leiomyoma Growth. Endocrinology, 2013, 154, 4046-4057.	1.4	41

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37	The Human Proliferating Cell Nuclear Antigen Regulates Transcriptional Coactivator p300 Activity and Promotes Transcriptional Repression. <i>Journal of Biological Chemistry</i> , 2003, 278, 44505-44513.	1.6	40
38	SET-ting the Stage for Life and Death. <i>Cell</i> , 2003, 112, 589-591.	13.5	39
39	Decreased expression of microRNA-29 family in leiomyoma contributes to increased major fibrillar collagen production. <i>Fertility and Sterility</i> , 2016, 106, 766-772.	0.5	36
40	Thanatos-Associated Protein 7 Associates with Template Activating Factor-1 $\beta$ and Inhibits Histone Acetylation to Repress Transcription. <i>Molecular Endocrinology</i> , 2006, 20, 335-347.	3.7	35
41	Altered chromatin landscape and enhancer engagement underlie transcriptional dysregulation in MED12 mutant uterine leiomyomas. <i>Nature Communications</i> , 2020, 11, 1019.	5.8	34
42	HMGA2-mediated tumorigenesis through angiogenesis in leiomyoma. <i>Fertility and Sterility</i> , 2020, 114, 1085-1096.	0.5	27
43	Dysfunctional MnSOD leads to redox dysregulation and activation of prosurvival AKT signaling in uterine leiomyomas. <i>Science Advances</i> , 2016, 2, e1601132.	4.7	24
44	KAT8 Regulates Androgen Signaling in Prostate Cancer Cells. <i>Molecular Endocrinology</i> , 2016, 30, 925-936.	3.7	24
45	Novel Regulatory Role for Human Acf1 in Transcriptional Repression of Vitamin D3 Receptor-Regulated Genes. <i>Molecular Endocrinology</i> , 2007, 21, 1791-1806.	3.7	23
46	Expression Profiling of Nuclear Receptors Identifies Key Roles of NR4A Subfamily in Uterine Fibroids. <i>Molecular Endocrinology</i> , 2013, 27, 726-740.	3.7	21
47	Comparative analysis of AKT and the related biomarkers in uterine leiomyomas with MED12, HMGA2, and FH mutations. <i>Genes Chromosomes and Cancer</i> , 2018, 57, 485-494.	1.5	21
48	Interferon- $\beta$ signaling is associated with BRCA1 loss-of-function mutations in high grade serous ovarian cancer. <i>Npj Precision Oncology</i> , 2019, 3, 32.	2.3	21
49	A MYC inhibitor selectively alters the MYC and MAX cistromes and modulates the epigenomic landscape to regulate target gene expression. <i>Science Advances</i> , 2022, 8, eabh3635.	4.7	21
50	Genomic Determinants of THAP11/ZNF143/HCF1 Complex Recruitment to Chromatin. <i>Molecular and Cellular Biology</i> , 2015, 35, 4135-4146.	1.1	19
51	Chromatin immunoprecipitation: advancing analysis of nuclear hormone signaling. <i>Journal of Molecular Endocrinology</i> , 2012, 49, R113-R123.	1.1	16
52	Epigenomic and enhancer dysregulation in uterine leiomyomas. <i>Human Reproduction Update</i> , 2022, 28, 518-547.	5.2	15
53	The AKT/BCL-2 Axis Mediates Survival of Uterine Leiomyoma in a Novel 3D Spheroid Model. <i>Endocrinology</i> , 2018, 159, 1453-1462.	1.4	14
54	Application of ex-vivo spheroid model system for the analysis of senescence and senolytic phenotypes in uterine leiomyoma. <i>Laboratory Investigation</i> , 2018, 98, 1575-1587.	1.7	14

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55	The Identification of Phosphorylation Sites of pp32 and Biochemical Purification of a Cellular pp32-kinase. <i>Biochemistry</i> , 2004, 43, 10157-10165.	1.2	12
56	Activation of protein kinase B by WNT4 as a regulator of uterine leiomyoma stem cell function. <i>Fertility and Sterility</i> , 2020, 114, 1339-1349.	0.5	12
57	Epigenomic tensor predicts disease subtypes and reveals constrained tumor evolution. <i>Cell Reports</i> , 2021, 34, 108927.	2.9	12
58	Chapter 6 Chromatin Remodeling and Nuclear Receptor Signaling. <i>Progress in Molecular Biology and Translational Science</i> , 2009, 87, 193-234.	0.9	7
59	Ligand-Activated Peroxisome Proliferator-Activated Receptor $\beta/\gamma$ Modulates Human Endometrial Cancer Cell Survival. <i>Hormones and Cancer</i> , 2013, 4, 358-370.	4.9	7
60	Introduction. <i>Progress in Molecular Biology and Translational Science</i> , 2009, 87, xv-xxii.	0.9	1
61	A Role for WDR5 in Integrating Threonine 11 Phosphorylation to Lysine 4 Methylation on Histone H3 during Androgen Signaling and in Prostate Cancer. <i>Molecular Cell</i> , 2015, 58, 557.	4.5	0
62	Feeling Stressed under the Sun? RPA1 Acetylation to the Rescue. <i>Cell Reports</i> , 2017, 20, 1995-1996.	2.9	0