Andrew J Bannister

List of Publications by Citations

76 papers	19,557 citations	47 h-index	81 g-index
81 ext. papers	21,968 ext. citations	17.3 avg, IF	6.78 L-index

#	Paper	IF	Citations
76	Regulation of chromatin by histone modifications. *Cell Research*, **2011**, 21, 381-95	24.7	3303
75	Selective recognition of methylated lysine 9 on histone H3 by the HP1 chromo domain. *Nature*, **2001**, 410, 120-4	50.4	2213
74	Active genes are tri-methylated at K4 of histone H3. *Nature*, **2002**, 419, 407-11	50.4	1606
73	The CBP co-activator is a histone acetyltransferase. *Nature*, **1996**, 384, 641-3	50.4	1540
72	Retinoblastoma protein recruits histone deacetylase to repress transcription. *Nature*, **1998**, 391, 597-601	50.4	1092
71	Rb targets histone H3 methylation and HP1 to promoters. *Nature*, **2001**, 412, 561-5	50.4	755
70	Histone deimination antagonizes arginine methylation. *Cell*, **2004**, 118, 545-53	56.2	655
69	The TAF(II)250 subunit of TFIID has histone acetyltransferase activity. *Cell*, **1996**, 87, 1261-70	56.2	632
68	Histone H3 lysine 4 methylation patterns in higher eukaryotic genes. *Nature Cell Biology*, **2004**, 6, 73-7	23.4	615
67	Structure of the HP1 chromodomain bound to histone H3 methylated at lysine 9. *Nature*, **2002**, 416, 103-7	50.4	505
66	Promoter-bound METTL3 maintains myeloid leukaemia by mA-dependent translation control. *Nature*, **2017**, 552, 126-131	50.4	500
65	JAK2 phosphorylates histone H3Y41 and excludes HP1alpha from chromatin. *Nature*, **2009**, 461, 819-22	50.4	480
64	Histone methylation: dynamic or static?. *Cell*, **2002**, 109, 801-6	56.2	428
63	Reversing histone methylation. *Nature*, **2005**, 436, 1103-6	50.4	381
62	Blimp1 associates with Prmt5 and directs histone arginine methylation in mouse germ cells. *Nature Cell Biology*, **2006**, 8, 623-30	23.4	377
61	Spatial distribution of di- and tri-methyl lysine 36 of histone H3 at active genes. *Journal of Biological Chemistry*, **2005**, 280, 17732-6	5.4	304
60	The E7 oncoprotein associates with Mi2 and histone deacetylase activity to promote cell growth. *EMBO Journal*, **1999**, 18, 2449-58	13	273

59	Consequences of the depletion of zygotic and embryonic enhancer of zeste 2 during preimplantation mouse development. *Development (Cambridge)*, **2003**, 130, 4235-48	6.6	246
58	Unsafe SETs: histone lysine methyltransferases and cancer. *Trends in Biochemical Sciences*, **2002**, 27, 396-402	10.3	246
57	Heterochromatin formation in the mouse embryo requires critical residues of the histone variant H3.3. *Nature Cell Biology*, **2010**, 12, 853-62	23.4	230
56	Dynamic distribution of the replacement histone variant H3.3 in the mouse oocyte and preimplantation embryos. *International Journal of Developmental Biology*, **2006**, 50, 455-61	1.9	193
55	The roles of DNA, RNA and histone methylation in ageing and cancer. *Nature Reviews Molecular Cell Biology*, **2019**, 20, 573-589	48.7	190
54	Isothiazolones as inhibitors of PCAF and p300 histone acetyltransferase activity. *Molecular Cancer Therapeutics*, **2005**, 4, 1521-32	6.1	186
53	Acetylation of importin-alpha nuclear import factors by CBP/p300. *Current Biology*, **2000**, 10, 467-70	6.3	162
52	Generation of a Selective Small Molecule Inhibitor of the CBP/p300 Bromodomain for Leukemia Therapy. *Cancer Research*, **2015**, 75, 5106-5119	10.1	155
51	cis-acting DNA from fission yeast centromeres mediates histone H3 methylation and recruitment of silencing factors and cohesin to an ectopic site. *Current Biology*, **2002**, 12, 1652-60	6.3	153
50	Histone methylation defines epigenetic asymmetry in the mouse zygote. *International Journal of Developmental Biology*, **2002**, 46, 317-20	1.9	140
49	Discovery of I-BRD9, a Selective Cell Active Chemical Probe for Bromodomain Containing Protein 9 Inhibition. *Journal of Medicinal Chemistry*, **2016**, 59, 1425-39	8.3	135
48	METTL1 Promotes let-7 MicroRNA Processing via m7G Methylation. *Molecular Cell*, **2019**, 74, 1278-1290.e9	17.6	130
47	The maize retinoblastoma protein homologue ZmRb-1 is regulated during leaf development and displays conserved interactions with G1/S regulators and plant cyclin D (CycD) proteins. *Plant Molecular Biology*, **1998**, 37, 155-69	4.6	125
46	Small-molecule inhibition of METTL3 as a strategy against myeloid leukaemia. *Nature*, **2021**, 593, 597-601	50.4	105
45	LIF-independent JAK signalling to chromatin in embryonic stem cells uncovered from an adult stem cell disease. *Nature Cell Biology*, **2011**, 13, 13-21	23.4	101
44	c-Jun is phosphorylated by the DNA-dependent protein kinase in vitro; definition of the minimal kinase recognition motif. *Nucleic Acids Research*, **1993**, 21, 1289-95	20.1	101
43	The transcriptional program controlled by the stem cell leukemia gene Scl/Tal1 during early embryonic hematopoietic development. *Blood*, **2009**, 113, 5456-65	2.2	100
42	Methylation of H3 lysine 4 at euchromatin promotes Sir3p association with heterochromatin. *Journal of Biological Chemistry*, **2004**, 279, 47506-12	5.4	94

41	CBP/p300 integrates Raf/Rac-signaling pathways in the transcriptional induction of NF-ATc during T cell activation. *Immunity*, **1999**, 10, 515-24	32.3	91
40	Comparison between the timing of JNK activation, c-Jun phosphorylation, and onset of death commitment in sympathetic neurones. *Journal of Neurochemistry*, **1997**, 69, 550-61	6	88
39	Phosphorylation of histone H3 Thr-45 is linked to apoptosis. *Journal of Biological Chemistry*, **2009**, 284, 16575-16583	5.4	85
38	Acetylation of histone H3 at lysine 64 regulates nucleosome dynamics and facilitates transcription. *ELife*, **2014**, 3, e01632	8.9	73
37	Functional interdependence of BRD4 and DOT1L in MLL leukemia. *Nature Structural and Molecular Biology*, **2016**, 23, 673-81	17.6	69
36	Histone methylation: recognizing the methyl mark. *Methods in Enzymology*, **2004**, 376, 269-88	1.7	69
35	Direct binding of INHAT to H3 tails disrupted by modifications. *Journal of Biological Chemistry*, **2004** , 279, 23859-62	5.4	63
34	The HMG-box transcription factor HBP1 is targeted by the pocket proteins and E1A. *Oncogene*, **1997**, 14, 2721-8	9.2	60
33	Epigenetics and inheritance of phenotype variation in livestock. *Epigenetics and Chromatin*, **2016**, 9, 31	5.8	58
32	A Chemical Probe for the ATAD2 Bromodomain. *Angewandte Chemie - International Edition*, **2016**, 55, 11382-6	16.4	53
31	A novel human Ada2 homologue functions with Gcn5 or Brg1 to coactivate transcription. *Molecular and Cellular Biology*, **2003**, 23, 6944-57	4.8	51
30	Three distinct patterns of histone H3Y41 phosphorylation mark active genes. *Cell Reports*, **2012**, 2, 470-7	10.6	49
29	Type I PIPkinases interact with and are regulated by the retinoblastoma susceptibility gene product-pRB. *Current Biology*, **2002**, 12, 582-7	6.3	39
28	Heritable gene repression through the action of a directed DNA methyltransferase at a chromosomal locus. *Journal of Biological Chemistry*, **2008**, 283, 9878-85	5.4	33
27	SRPK1 maintains acute myeloid leukemia through effects on isoform usage of epigenetic regulators including BRD4. *Nature Communications*, **2018**, 9, 5378	17.4	30
26	Genome-wide analysis of transcriptional reprogramming in mouse models of acute myeloid leukaemia. *PLoS ONE*, **2011**, 6, e16330	3.7	27
25	Two genomes, one cell: Mitochondrial-nuclear coordination via epigenetic pathways. *Molecular Metabolism*, **2020**, 38, 100942	8.8	26
24	Basic peptides enhance protein/DNA interaction in vitro. *Nucleic Acids Research*, **1992**, 20, 3523	20.1	17

23	Re-place your BETs: the dynamics of super enhancers. *Molecular Cell*, **2014**, 56, 187-189	17.6	15
22	cDNA clones for mouse parotid proline-rich proteins. mRNA regulation by isoprenaline and the nucleotide sequence of proline-rich protein cDNA MP5. *FEBS Journal*, **1992**, 204, 591-7		15
21	Citrullination of HP1 chromodomain affects association with chromatin. *Epigenetics and Chromatin* , **2019**, 12, 21	5.8	11
20	Histone Modifications **2011**,		10
19	The putative tumour suppressor Fus-2 is an N-acetyltransferase. *Oncogene*, **2000**, 19, 161-3	9.2	9
18	Basic proline-rich proteins of murine parotid glands. Induction of mRNA by isoprenaline and post-secretion processing. *FEBS Journal*, **1989**, 181, 371-9		9
17	A Chemical Probe for the ATAD2 Bromodomain. *Angewandte Chemie*, **2016**, 128, 11554-11558	3.6	9
16	Histone post-translational modifications - cause and consequence of genome function.. *Nature Reviews Genetics*, **2022**,	30.1	9
15	S6 kinase 2 is bound to chromatin-nuclear matrix cellular fractions and is able to phosphorylate histone H3 at threonine 45 in vitro and in vivo. *Journal of Cellular Biochemistry*, **2014**, 115, 1048-62	4.7	8
14	Nuclear JAK2. *Blood*, **2011**, 118, 6987-8	2.2	5
13	Protein N-methyltransferase assays in the study of gene transcription. *Methods*, **2002**, 26, 226-32	4.6	5
12	Gene sequence of mouse B-type proline-rich protein MP4. Transcriptional start point and an upstream phylogenetic footprint with ets-like and rel/NFkB-like elements. *FEBS Journal*, **1991**, 202, 969-74		5
11	Further Evidence Supporting N7-Methylation of Guanosine (mG) in Human MicroRNAs. *Molecular Cell*, **2020**, 79, 201-202	17.6	5
10	Demethylases go mental. *Molecular Cell*, **2010**, 38, 155-7	17.6	3
9	Phosphorylation-dependent BRD4 dimerization and implications for therapeutic inhibition of BET family proteins. *Communications Biology*, **2021**, 4, 1273	6.7	3
8	Evolution of cancer cell resistance versus intelligent design of epigenetic drugs. *Drug Discovery Today: Disease Models*, **2014**, 12, 35-39	1.3	
7	Nuclear Functions of the Janus Kinases **2012**, 27-46		
6	A study of the effects of isoprenaline on parotid gland gene expression in the mouse. *Biochemical Society Transactions*, **1987**, 15, 950-951	5.1	

5	Making binding relationships: Histone methylation. *Biochemist*, **2007**, 29, 14-18	0.5
4	Directed De Novo DNA Methylation of a Genomic Locus Leads to Heritable Transcriptional Repression.. *Blood*, **2007**, 110, 343-343	2.2
3	SRPK1 Is a Therapeutic Vulnerability in Acute Myeloid Leukemia through Its Effects on Alternative Isoforms of Epigenetic Regulators Including BRD4. *Blood*, **2017**, 130, 781-781	2.2
2	The Identification of Novel Epigenetic Therapies for ALK-Driven Haematological Malignancies. *Blood*, **2019**, 134, 1483-1483	2.2
1	Structure/Function and Oncogenic Conversion of Fos and Jun **1997**, 223-247	