

# Andrew J Bannister

## List of Publications by Year in Descending Order

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**Version:** 2024-04-29

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Histone post-translational modifications - cause and consequence of genome function.. <i>Nature Reviews Genetics</i> , <b>2022</b> ,	30.1	9
75	Phosphorylation-dependent BRD4 dimerization and implications for therapeutic inhibition of BET family proteins. <i>Communications Biology</i> , <b>2021</b> , 4, 1273	6.7	3
74	Small-molecule inhibition of METTL3 as a strategy against myeloid leukaemia. <i>Nature</i> , <b>2021</b> , 593, 597-601	30.4	105
73	Two genomes, one cell: Mitochondrial-nuclear coordination via epigenetic pathways. <i>Molecular Metabolism</i> , <b>2020</b> , 38, 100942	8.8	26
72	Further Evidence Supporting N7-Methylation of Guanosine (mG) in Human MicroRNAs. <i>Molecular Cell</i> , <b>2020</b> , 79, 201-202	17.6	5
71	METTL1 Promotes let-7 MicroRNA Processing via m7G Methylation. <i>Molecular Cell</i> , <b>2019</b> , 74, 1278-1290.	19.6	130
70	Citrullination of HP1 chromodomain affects association with chromatin. <i>Epigenetics and Chromatin</i> , <b>2019</b> , 12, 21	5.8	11
69	The roles of DNA, RNA and histone methylation in ageing and cancer. <i>Nature Reviews Molecular Cell Biology</i> , <b>2019</b> , 20, 573-589	48.7	190
68	The Identification of Novel Epigenetic Therapies for ALK-Driven Haematological Malignancies. <i>Blood</i> , <b>2019</b> , 134, 1483-1483	2.2	
67	SRPK1 maintains acute myeloid leukemia through effects on isoform usage of epigenetic regulators including BRD4. <i>Nature Communications</i> , <b>2018</b> , 9, 5378	17.4	30
66	Promoter-bound METTL3 maintains myeloid leukaemia by mA-dependent translation control. <i>Nature</i> , <b>2017</b> , 552, 126-131	50.4	500
65	SRPK1 Is a Therapeutic Vulnerability in Acute Myeloid Leukemia through Its Effects on Alternative Isoforms of Epigenetic Regulators Including BRD4. <i>Blood</i> , <b>2017</b> , 130, 781-781	2.2	
64	Discovery of I-BRD9, a Selective Cell Active Chemical Probe for Bromodomain Containing Protein 9 Inhibition. <i>Journal of Medicinal Chemistry</i> , <b>2016</b> , 59, 1425-39	8.3	135
63	A Chemical Probe for the ATAD2 Bromodomain. <i>Angewandte Chemie - International Edition</i> , <b>2016</b> , 55, 11382-6	16.4	53
62	Functional interdependence of BRD4 and DOT1L in MLL leukemia. <i>Nature Structural and Molecular Biology</i> , <b>2016</b> , 23, 673-81	17.6	69
61	A Chemical Probe for the ATAD2 Bromodomain. <i>Angewandte Chemie</i> , <b>2016</b> , 128, 11554-11558	3.6	9
60	Epigenetics and inheritance of phenotype variation in livestock. <i>Epigenetics and Chromatin</i> , <b>2016</b> , 9, 31	5.8	58

59	Generation of a Selective Small Molecule Inhibitor of the CBP/p300 Bromodomain for Leukemia Therapy. <i>Cancer Research</i> , <b>2015</b> , 75, 5106-5119	10.1	155
58	Re-place your BETs: the dynamics of super enhancers. <i>Molecular Cell</i> , <b>2014</b> , 56, 187-189	17.6	15
57	Evolution of cancer cell resistance versus intelligent design of epigenetic drugs. <i>Drug Discovery Today: Disease Models</i> , <b>2014</b> , 12, 35-39	1.3	
56	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. <i>Journal of Cellular Biochemistry</i> , <b>2014</b> , 115, 1048-62	4.7	8
55	Acetylation of histone H3 at lysine 64 regulates nucleosome dynamics and facilitates transcription. <i>ELife</i> , <b>2014</b> , 3, e01632	8.9	73
54	Three distinct patterns of histone H3Y41 phosphorylation mark active genes. <i>Cell Reports</i> , <b>2012</b> , 2, 470-710.6	10.6	49
53	Nuclear Functions of the Janus Kinases <b>2012</b> , 27-46		
52	Nuclear JAK2. <i>Blood</i> , <b>2011</b> , 118, 6987-8	2.2	5
51	LIF-independent JAK signalling to chromatin in embryonic stem cells uncovered from an adult stem cell disease. <i>Nature Cell Biology</i> , <b>2011</b> , 13, 13-21	23.4	101
50	Regulation of chromatin by histone modifications. <i>Cell Research</i> , <b>2011</b> , 21, 381-95	24.7	3303
49	Histone Modifications <b>2011</b> ,		10
48	Genome-wide analysis of transcriptional reprogramming in mouse models of acute myeloid leukaemia. <i>PLoS ONE</i> , <b>2011</b> , 6, e16330	3.7	27
47	Heterochromatin formation in the mouse embryo requires critical residues of the histone variant H3.3. <i>Nature Cell Biology</i> , <b>2010</b> , 12, 853-62	23.4	230
46	Demethylases go mental. <i>Molecular Cell</i> , <b>2010</b> , 38, 155-7	17.6	3
45	Phosphorylation of histone H3 Thr-45 is linked to apoptosis. <i>Journal of Biological Chemistry</i> , <b>2009</b> , 284, 16575-16583	5.4	85
44	JAK2 phosphorylates histone H3Y41 and excludes HP1alpha from chromatin. <i>Nature</i> , <b>2009</b> , 461, 819-22	50.4	480
43	The transcriptional program controlled by the stem cell leukemia gene Scl/Tal1 during early embryonic hematopoietic development. <i>Blood</i> , <b>2009</b> , 113, 5456-65	2.2	100
42	Heritable gene repression through the action of a directed DNA methyltransferase at a chromosomal locus. <i>Journal of Biological Chemistry</i> , <b>2008</b> , 283, 9878-85	5.4	33

41	Making binding relationships: Histone methylation. <i>Biochemist</i> , <b>2007</b> , 29, 14-18	0.5	
40	Directed De Novo DNA Methylation of a Genomic Locus Leads to Heritable Transcriptional Repression.. <i>Blood</i> , <b>2007</b> , 110, 343-343	2.2	
39	Dynamic distribution of the replacement histone variant H3.3 in the mouse oocyte and preimplantation embryos. <i>International Journal of Developmental Biology</i> , <b>2006</b> , 50, 455-61	1.9	193
38	Blimp1 associates with Prmt5 and directs histone arginine methylation in mouse germ cells. <i>Nature Cell Biology</i> , <b>2006</b> , 8, 623-30	23.4	377
37	Reversing histone methylation. <i>Nature</i> , <b>2005</b> , 436, 1103-6	50.4	381
36	Spatial distribution of di- and tri-methyl lysine 36 of histone H3 at active genes. <i>Journal of Biological Chemistry</i> , <b>2005</b> , 280, 17732-6	5.4	304
35	Isothiazolones as inhibitors of PCAF and p300 histone acetyltransferase activity. <i>Molecular Cancer Therapeutics</i> , <b>2005</b> , 4, 1521-32	6.1	186
34	Methylation of H3 lysine 4 at euchromatin promotes Sir3p association with heterochromatin. <i>Journal of Biological Chemistry</i> , <b>2004</b> , 279, 47506-12	5.4	94
33	Direct binding of INHAT to H3 tails disrupted by modifications. <i>Journal of Biological Chemistry</i> , <b>2004</b> , 279, 23859-62	5.4	63
32	Histone H3 lysine 4 methylation patterns in higher eukaryotic genes. <i>Nature Cell Biology</i> , <b>2004</b> , 6, 73-7	23.4	615
31	Histone methylation: recognizing the methyl mark. <i>Methods in Enzymology</i> , <b>2004</b> , 376, 269-88	1.7	69
30	Histone deimination antagonizes arginine methylation. <i>Cell</i> , <b>2004</b> , 118, 545-53	56.2	655
29	Consequences of the depletion of zygotic and embryonic enhancer of zeste 2 during preimplantation mouse development. <i>Development (Cambridge)</i> , <b>2003</b> , 130, 4235-48	6.6	246
28	A novel human Ada2 homologue functions with Gcn5 or Brg1 to coactivate transcription. <i>Molecular and Cellular Biology</i> , <b>2003</b> , 23, 6944-57	4.8	51
27	Type I PIPkinases interact with and are regulated by the retinoblastoma susceptibility gene product-pRB. <i>Current Biology</i> , <b>2002</b> , 12, 582-7	6.3	39
26	cis-acting DNA from fission yeast centromeres mediates histone H3 methylation and recruitment of silencing factors and cohesin to an ectopic site. <i>Current Biology</i> , <b>2002</b> , 12, 1652-60	6.3	153
25	Unsafe SETs: histone lysine methyltransferases and cancer. <i>Trends in Biochemical Sciences</i> , <b>2002</b> , 27, 396-403	40.3	246
24	Active genes are tri-methylated at K4 of histone H3. <i>Nature</i> , <b>2002</b> , 419, 407-11	50.4	1606

23	Structure of the HP1 chromodomain bound to histone H3 methylated at lysine 9. <i>Nature</i> , <b>2002</b> , 416, 103-7	50.4	505
22	Histone methylation: dynamic or static?. <i>Cell</i> , <b>2002</b> , 109, 801-6	56.2	428
21	Protein N-methyltransferase assays in the study of gene transcription. <i>Methods</i> , <b>2002</b> , 26, 226-32	4.6	5
20	Histone methylation defines epigenetic asymmetry in the mouse zygote. <i>International Journal of Developmental Biology</i> , <b>2002</b> , 46, 317-20	1.9	140
19	Selective recognition of methylated lysine 9 on histone H3 by the HP1 chromo domain. <i>Nature</i> , <b>2001</b> , 410, 120-4	50.4	2213
18	Rb targets histone H3 methylation and HP1 to promoters. <i>Nature</i> , <b>2001</b> , 412, 561-5	50.4	755
17	The putative tumour suppressor Fus-2 is an N-acetyltransferase. <i>Oncogene</i> , <b>2000</b> , 19, 161-3	9.2	9
16	Acetylation of importin-alpha nuclear import factors by CBP/p300. <i>Current Biology</i> , <b>2000</b> , 10, 467-70	6.3	162
15	The E7 oncoprotein associates with Mi2 and histone deacetylase activity to promote cell growth. <i>EMBO Journal</i> , <b>1999</b> , 18, 2449-58	13	273
14	CBP/p300 integrates Raf/Rac-signaling pathways in the transcriptional induction of NF-ATc during T cell activation. <i>Immunity</i> , <b>1999</b> , 10, 515-24	32.3	91
13	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. <i>Plant Molecular Biology</i> , <b>1998</b> , 37, 155-69	4.6	125
12	Retinoblastoma protein recruits histone deacetylase to repress transcription. <i>Nature</i> , <b>1998</b> , 391, 597-601	50.4	1092
11	The HMG-box transcription factor HBP1 is targeted by the pocket proteins and E1A. <i>Oncogene</i> , <b>1997</b> , 14, 2721-8	9.2	60
10	Comparison between the timing of JNK activation, c-Jun phosphorylation, and onset of death commitment in sympathetic neurones. <i>Journal of Neurochemistry</i> , <b>1997</b> , 69, 550-61	6	88
9	Structure/Function and Oncogenic Conversion of Fos and Jun <b>1997</b> , 223-247		
8	The TAF(II)250 subunit of TFIID has histone acetyltransferase activity. <i>Cell</i> , <b>1996</b> , 87, 1261-70	56.2	632
7	The CBP co-activator is a histone acetyltransferase. <i>Nature</i> , <b>1996</b> , 384, 641-3	50.4	1540
6	c-Jun is phosphorylated by the DNA-dependent protein kinase in vitro; definition of the minimal kinase recognition motif. <i>Nucleic Acids Research</i> , <b>1993</b> , 21, 1289-95	20.1	101

- 5 Basic peptides enhance protein/DNA interaction in vitro. *Nucleic Acids Research*, **1992**, 20, 3523 20.1 17
- 4 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
- 3 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
- 2 Basic proline-rich proteins of murine parotid glands. Induction of mRNA by isoprenaline and post-secretion processing. *FEBS Journal*, **1989**, 181, 371-9 9
- 1 A study of the effects of isoprenaline on parotid gland gene expression in the mouse. *Biochemical Society Transactions*, **1987**, 15, 950-951 5.1