Andrew Flaus

List of Publications by Year
in descending order

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		236925	330143
39	4,090	25	37
papers	citations	h-index	g-index

42	42	42	3847
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Identification of multiple distinct Snf2 subfamilies with conserved structural motifs. Nucleic Acids Research, 2006, 34, 2887-2905.	14.5	612
2	Characterization of nucleosome core particles containing histone proteins made in bacteria 1 1Edited by A. Klug. Journal of Molecular Biology, 1997, 272, 301-311.	4.2	446
3	Nucleosome mobilization catalysed by the yeast SWI/SNF complex. Nature, 1999, 400, 784-787.	27.8	306
4	Generation of Superhelical Torsion by ATP-Dependent Chromatin Remodeling Activities. Cell, 2000, 103, 1133-1142.	28.9	241
5	Functional transcription promoters at DNA double-strand breaks mediate RNA-driven phase separation of damage-response factors. Nature Cell Biology, 2019, 21, 1286-1299.	10.3	233
6	Histone H2A/H2B Dimer Exchange by ATP-Dependent Chromatin Remodeling Activities. Molecular Cell, 2003, 12, 1599-1606.	9.7	175
7	Analysis of Nucleosome Repositioning by Yeast ISWI and Chd1 Chromatin Remodeling Complexes*. Journal of Biological Chemistry, 2006, 281, 16279-16288.	3.4	167
8	Mapping nucleosome position at single base-pair resolution by using site-directed hydroxyl radicals.. Proceedings of the National Academy of Sciences of the United States of America, 1996, 93, 1370-1375.	7.1	157
9	Mechanisms for ATP-dependent chromatin remodelling. Current Opinion in Genetics and Development, 2001, 11, 148-154.	3.3	157
10	Mechanisms for ATP-dependent chromatin remodelling: farewell to the tuna-can octamer?. Current Opinion in Genetics and Development, 2004, 14, 165-173.	3.3	138
11	Evidence for DNA Translocation by the ISWI Chromatin-Remodeling Enzyme. Molecular and Cellular Biology, 2003, 23, 1935-1945.	2.3	131
12	Histone Tails and the H3 Î±N Helix Regulate Nucleosome Mobility and Stability. Molecular and Cellular Biology, 2007, 27, 4037-4048.	2.3	122
13	Histone Modifications Influence the Action of Snf2 Family Remodelling Enzymes by Different Mechanisms. Journal of Molecular Biology, 2007, 374, 563-579.	4.2	121
14	Positioning and stability of nucleosomes on MMTV 3â€²LTR sequences. Journal of Molecular Biology, 1998, 275, 427-441.	4.2	120
15	Sin mutations alter inherent nucleosome mobility. EMBO Journal, 2004, 23, 343-353.	7.8	114
16	Mechanisms for ATPâ€dependent chromatin remodelling: the means to the end. FEBS Journal, 2011, 278, 3579-3595.	4.7	102
17	Nucleosomes can invade DNA territories occupied by their neighbors. Nature Structural and Molecular Biology, 2009, 16, 151-158.	8.2	95
18	Dynamic Properties of Nucleosomes during Thermal and ATP-Driven Mobilization. Molecular and Cellular Biology, 2003, 23, 7767-7779.	2.3	94

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19	Snf2 family ATPases and DExx box helicases: differences and unifying concepts from high-resolution crystal structures. Nucleic Acids Research, 2006, 34, 4160-4167.	14.5	93
20	Mechanisms for nucleosome mobilization. Biopolymers, 2003, 68, 563-578.	2.4	74
21	Differential nucleosome positioning on Xenopus oocyte and somatic 5 s RNA genes determines both TFIIIA and H1 binding: a mechanism for selective H1 repression 1 1Edited by J. Karn. Journal of Molecular Biology, 1998, 282, 683-697.	4.2	58
22	The mouse mammary tumour virus promoter positioned on a tetramer of histones H3 and H4 binds nuclear factor 1 and OTF1. Journal of Molecular Biology, 1998, 278, 725-739.	4.2	54
23	Structure and Function of Histone H2AX. Sub-Cellular Biochemistry, 2010, 50, 55-78.	2.4	47
24	Chromatin modulation and the DNA damage response. Experimental Cell Research, 2006, 312, 2677-2686.	2.6	33
25	Viral proteins as a potential driver of histone depletion in dinoflagellates. Nature Communications, 2018, 9, 1535.	12.8	33
26	A chromatin-independent role of Polycomb-like 1 to stabilize p53 and promote cellular quiescence. Genes and Development, 2015, 29, 2231-2243.	5.9	32
27	Cryo-EM structure of the nucleosome core particle containing Giardia lamblia histones. Nucleic Acids Research, 2021, 49, 8934-8946.	14.5	20
28	Principles and practice of nucleosome positioningin vitro. Frontiers in Life Science: Frontiers of Interdisciplinary Research in the Life Sciences, 2011, 5, 5-27.	1.1	16
29	Life at the mesoscale: the self-organised cytoplasm and nucleoplasm. BMC Biophysics, 2015, 8, 4.	4.4	16
30	Histone isoforms and the oncohistone code. Current Opinion in Genetics and Development, 2021, 67, 61-66.	3.3	15
31	Base-pair resolution mapping of nucleosome positions using site-directed hydroxy radicals. Methods in Enzymology, 1999, 304, 251-263.	1.0	12
32	Histone H2AX Y142 phosphorylation is a low abundance modification. International Journal of Mass Spectrometry, 2015, 391, 139-145.	1.5	12
33	Site-Specific Attachment of Reporter Compounds to Recombinant Histones. Methods in Enzymology, 2003, 375, 211-228.	1.0	10
34	Survival outcomes are associated with genomic instability in luminal breast cancers. PLoS ONE, 2021, 16, e0245042.	2.5	8
35	Base-Pair Resolution Mapping of Nucleosomes In Vitro. , 1999, 119, 45-60.		7
36	Purification and Crystallization of the Endoglycosidase PNGase F, a Peptide:N-glycosidase from Flavobacterium meningosepticum. Journal of Molecular Biology, 1994, 241, 624-626.	4.2	6

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37	Unlocking the nucleosome. Science, 2017, 355, 245-246.	12.6	4
38	Nucleosome dynamics. Biochemical Society Symposia, 2006, 73, 109-119.	2.7	2
39	The Face of Chromatin Variants. Cell, 2019, 178, 1284-1286.	28.9	0