Neil P Blackledge

List of Publications by Year
in descending order

30	4,095	236833 25	454834 30
papers	citations	h-index	g-index

36	36	36	4669
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Variant PRC1 Complex-Dependent H2A Ubiquitylation Drives PRC2 Recruitment and Polycomb Domain Formation. Cell, 2014, 157, 1445-1459.	13.5	613
2	KDM2B links the Polycomb Repressive Complex 1 (PRC1) to recognition of CpG islands. ELife, 2012, 1, e00205.	2.8	414
3	Targeting Polycomb systems to regulate gene expression: modifications to a complex story. Nature Reviews Molecular Cell Biology, 2015, 16, 643-649.	16.1	314
4	Targeting Polycomb to Pericentric Heterochromatin in Embryonic Stem Cells Reveals a Role for H2AK119u1 in PRC2 Recruitment. Cell Reports, 2014, 7, 1456-1470.	2.9	283
5	CpG Islands Recruit a Histone H3 Lysine 36 Demethylase. Molecular Cell, 2010, 38, 179-190.	4.5	273
6	ZF-CxxC domain-containing proteins, CpG islands and the chromatin connection. Biochemical Society Transactions, 2013, 41, 727-740.	1.6	209
7	The molecular principles of gene regulation by Polycomb repressive complexes. Nature Reviews Molecular Cell Biology, 2021, 22, 815-833.	16.1	207
8	Synergy between Variant PRC1 Complexes Defines Polycomb-Mediated Gene Repression. Molecular Cell, 2019, 74, 1020-1036.e8.	4.5	200
9	Epigenetic conservation at gene regulatory elements revealed by non-methylated DNA profiling in seven vertebrates. ELife, 2013, 2, e00348.	2.8	192
10	PRC1 Catalytic Activity Is Central to Polycomb System Function. Molecular Cell, 2020, 77, 857-874.e9.	4.5	184
11	Cohesin Disrupts Polycomb-Dependent Chromosome Interactions in Embryonic Stem Cells. Cell Reports, 2020, 30, 820-835.e10.	2.9	129
12	CpG island chromatin. Epigenetics, 2011, 6, 147-152.	1.3	128
13	RYBP stimulates PRC1 to shape chromatin-based communication between Polycomb repressive complexes. ELife, 2016, 5, .	2.8	111
14	Chromatin Samplingâ€"An Emerging Perspective on Targeting Polycomb Repressor Proteins. PLoS Genetics, 2013, 9, e1003717.	1.5	109
15	Intronic enhancers coordinate epithelial-specific looping of the active CFTR locus. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 19934-19939.	3.3	104
16	The SET1 Complex Selects Actively Transcribed Target Genes via Multivalent Interaction with CpG Island Chromatin. Cell Reports, 2017, 20, 2313-2327.	2.9	86
17	Polycomb repressive complex 1 shapes the nucleosome landscape but not accessibility at target genes. Genome Research, 2018, 28, 1494-1507.	2.4	72
18	MLL-AF4 Spreading Identifies Binding Sites that Are Distinct from Super-Enhancers and that Govern Sensitivity to DOT1L Inhibition in Leukemia. Cell Reports, 2017, 18, 482-495.	2.9	69

#	Article	IF	Citations
19	A complex intronic enhancer regulates expression of the CFTR gene by direct interaction with the promoter. Journal of Cellular and Molecular Medicine, 2009, 13, 680-692.	1.6	65
20	An insulator element 3â€² to the CFTR gene binds CTCF and reveals an active chromatin hub in primary cells. Nucleic Acids Research, 2009, 37, 1086-1094.	6.5	55
21	CTCF mediates insulator function at the CFTR locus. Biochemical Journal, 2007, 408, 267-275.	1.7	45
22	Recognition of CpG Island Chromatin by KDM2A Requires Direct and Specific Interaction with Linker DNA. Molecular and Cellular Biology, 2012, 32, 479-489.	1.1	40
23	CpG Island Chromatin Is Shaped by Recruitment of ZF-CxxC Proteins. Cold Spring Harbor Perspectives in Biology, 2013, 5, a018648-a018648.	2.3	40
24	BAP1 constrains pervasive H2AK119ub1 to control the transcriptional potential of the genome. Genes and Development, 2021, 35, 749-770.	2.7	38
25	Novel regulatory mechanisms for theCFTRgene. Biochemical Society Transactions, 2009, 37, 843-848.	1.6	27
26	Bio-CAP: a versatile and highly sensitive technique to purify and characterise regions of non-methylated DNA. Nucleic Acids Research, 2012, 40, e32-e32.	6.5	27
27	Variant PCGF1-PRC1 links PRC2 recruitment with differentiation-associated transcriptional inactivation at target genes. Nature Communications, 2021, 12, 5341.	5.8	25
28	Histone lysine methylation: an epigenetic modification?. Epigenomics, 2010, 2, 151-161.	1.0	21
29	Getting under the skin of Polycomb-dependent gene regulation. Genes and Development, 2021, 35, 301-303.	2.7	4
30	Biochemical Identification of Nonmethylated DNA by BioCAP-Seq. Methods in Molecular Biology, 2018, 1766, 15-29.	0.4	2