

Anders M Lindroth

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

9,007
citations

279798

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37
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docs citations

42
times ranked

13378
citing authors

#	ARTICLE	IF	CITATIONS
1	Driver mutations in histone H3.3 and chromatin remodelling genes in paediatric glioblastoma. <i>Nature</i> , 2012, 482, 226-231.	27.8	2,129
2	Hotspot Mutations in H3F3A and IDH1 Define Distinct Epigenetic and Biological Subgroups of Glioblastoma. <i>Cancer Cell</i> , 2012, 22, 425-437.	16.8	1,551
3	Control of CpNpG DNA methylation by the KRYPTONITE histone H3 methyltransferase. <i>Nature</i> , 2002, 416, 556-560.	27.8	1,156
4	Requirement of CHROMOMETHYLASE3 for Maintenance of CpXpG Methylation. <i>Science</i> , 2001, 292, 2077-2080.	12.6	820
5	Reduced H3K27me3 and DNA Hypomethylation Are Major Drivers of Gene Expression in K27M Mutant Pediatric High-Grade Gliomas. <i>Cancer Cell</i> , 2013, 24, 660-672.	16.8	633
6	BCAT1 promotes cell proliferation through amino acid catabolism in gliomas carrying wild-type IDH1. <i>Nature Medicine</i> , 2013, 19, 901-908.	30.7	388
7	Mutations in regulators of the epigenome and their connections to global chromatin patterns in cancer. <i>Nature Reviews Genetics</i> , 2013, 14, 765-780.	16.3	373
8	Dual histone H3 methylation marks at lysines 9 and 27 required for interaction with CHROMOMETHYLASE3. <i>EMBO Journal</i> , 2004, 23, 4146-4155.	7.8	359
9	Long Noncoding RNA TARID Directs Demethylation and Activation of the Tumor Suppressor TCF21 via GADD45A. <i>Molecular Cell</i> , 2014, 55, 604-614.	9.7	242
10	DNMT and HDAC inhibitors induce cryptic transcription start sites encoded in long terminal repeats. <i>Nature Genetics</i> , 2017, 49, 1052-1060.	21.4	235
11	Alterations in cardiac DNA methylation in human dilated cardiomyopathy. <i>EMBO Molecular Medicine</i> , 2013, 5, 413-429.	6.9	210
12	ZBED6, a Novel Transcription Factor Derived from a Domesticated DNA Transposon Regulates IGF2 Expression and Muscle Growth. <i>PLoS Biology</i> , 2009, 7, e1000256.	5.6	149
13	Antagonism between DNA and H3K27 Methylation at the Imprinted <i>Rasgrf1</i> Locus. <i>PLoS Genetics</i> , 2008, 4, e1000145.	3.5	111
14	Chromatin and siRNA pathways cooperate to maintain DNA methylation of small transposable elements in <i>Arabidopsis</i> . <i>Genome Biology</i> , 2005, 6, R90.	9.6	107
15	<i>Rasgrf1</i> Imprinting Is Regulated by a CTCF-Dependent Methylation-Sensitive Enhancer Blocker. <i>Molecular and Cellular Biology</i> , 2005, 25, 11184-11190.	2.3	96
16	Two S-adenosylmethionine synthetase-encoding genes differentially expressed during adventitious root development in <i>Pinus contorta</i> . <i>Plant Molecular Biology</i> , 2001, 46, 335-346.	3.9	45
17	The histone variant H3.3 G34W substitution in giant cell tumor of the bone link chromatin and RNA processing. <i>Scientific Reports</i> , 2017, 7, 13459.	3.3	43
18	TET-mediated hydroxymethylcytosine at the <i>Pparβ</i> locus is required for initiation of adipogenic differentiation. <i>International Journal of Obesity</i> , 2017, 41, 652-659.	3.4	41

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19	Epigenetic biomarkers: a step forward for understanding periodontitis. <i>Journal of Periodontal and Implant Science</i> , 2013, 43, 111.	2.0	40
20	<i>Agrobacterium rhizogenes</i> -mediated induction of adventitious rooting from <i>Pinus contorta</i> hypocotyls and the effect of 5-azacytidine on transgene activity. <i>Transgenic Research</i> , 1996, 5, 75-85.	2.4	33
21	Isolation of a PSTAIRE CDC2 cDNA from <i>Pinus contorta</i> and its expression during adventitious root development. <i>Plant Physiology and Biochemistry</i> , 2001, 39, 107-114.	5.8	32
22	Globally altered epigenetic landscape and delayed osteogenic differentiation in H3.3-G34W-mutant giant cell tumor of bone. <i>Nature Communications</i> , 2020, 11, 5414.	12.8	31
23	Loss of DIP2C in RKO cells stimulates changes in DNA methylation and epithelial-mesenchymal transition. <i>BMC Cancer</i> , 2017, 17, 487.	2.6	29
24	Relationship between genome and epigenome - challenges and requirements for future research. <i>BMC Genomics</i> , 2014, 15, 487.	2.8	24
25	PRC2 loss amplifies Ras signaling in cancer. <i>Nature Genetics</i> , 2014, 46, 1154-1155.	21.4	19
26	ZBED6. <i>Transcription</i> , 2010, 1, 144-148.	3.1	18
27	Recurrent H3.3 alterations in childhood tumors. <i>Nature Genetics</i> , 2013, 45, 1413-1414.	21.4	16
28	Sequences Sufficient for Programming Imprinted Germline DNA Methylation Defined. <i>PLoS ONE</i> , 2012, 7, e33024.	2.5	13
29	Somatic <i>PRDM2</i> c.4467delA mutations in colorectal cancers control histone methylation and tumor growth. <i>Oncotarget</i> , 2017, 8, 98646-98659.	1.8	13
30	EHMT2 Inhibition Induces Cell Death in Human Non-Small Cell Lung Cancer by Altering the Cholesterol Biosynthesis Pathway. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1002.	4.1	12
31	Neuroprotective effects of <i>Paeonia Lactiflora</i> extract against cell death of dopaminergic SH-SY5Y cells is mediated by epigenetic modulation. <i>BMC Complementary and Alternative Medicine</i> , 2016, 16, 208.	3.7	5
32	<i>Nutrie</i> epigenomics. , 2015, , 313-347.		4
33	Epigenetic Reprogramming in Cancer. <i>Epigenetics and Human Health</i> , 2015, , 193-223.	0.2	4
34	Dual histone H3 methylation marks at lysines 9 and 27 required for interaction with CHROMOMETHYLASE3. <i>EMBO Journal</i> , 2011, 30, 1874-1874.	7.8	2
35	Transcriptome and protein interaction profiling in cancer cells with mutations in histone H3.3. <i>Scientific Data</i> , 2018, 5, 180283.	5.3	2
36	The mechanistic GEMMs of oncogenic histones. <i>Human Molecular Genetics</i> , 2020, 29, R226-R235.	2.9	1

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37	Study of Adventitious Root Formation Through Lateral Root-Specific mRNA and Rooting-Associated Promoters in <i>Pinus contorta</i> . , 1997, , 213-214.		0
38	Transgenic Rooting in Conifers. , 1997, , 175-180.		0
39	Abstract 3084: Epigenetic deregulation in H3.3-K27M mutant pediatric high-grade gliomas. , 2014, , .		0
40	Epigenetic Drug Treatment Globally Induces Cryptic Transcription Start Sites Encoded in Long Terminal Repeats. <i>Blood</i> , 2016, 128, 3931-3931.	1.4	0