John Arne Dahl

List of Publications by Year
in descending order

40	4,784	304743	289244
papers	citations	22 h-index	40 g-index

45	45	45	7529
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	ALKBH5 Is a Mammalian RNA Demethylase that Impacts RNA Metabolism and Mouse Fertility. Molecular Cell, 2013, 49, 18-29.	9.7	2,549
2	Broad histone H3K4me3 domains in mouse oocytes modulate maternal-to-zygotic transition. Nature, 2016, 537, 548-552.	27.8	484
3	A rapid micro chromatin immunoprecipitation assay (ChIP). Nature Protocols, 2008, 3, 1032-1045.	12.0	259
4	Highâ€resolution analysis of genetic stability of human adipose tissue stem cells cultured to senescence. Journal of Cellular and Molecular Medicine, 2008, 12, 553-563.	3.6	148
5	Q2ChIP, a Quick and Quantitative Chromatin Immunoprecipitation Assay, Unravels Epigenetic Dynamics of Developmentally Regulated Genes in Human Carcinoma Cells. Stem Cells, 2007, 25, 1037-1046.	3.2	137
6	ALKBH1 is a Histone H2A Dioxygenase Involved in Neural Differentiation. Stem Cells, 2012, 30, 2672-2682.	3.2	97
7	Dynamic RNA modifications in disease. Current Opinion in Genetics and Development, 2014, 26, 47-52.	3.3	92
8	Histone H3 Lysine 27 Methylation Asymmetry on Developmentally-Regulated Promoters Distinguish the First Two Lineages in Mouse Preimplantation Embryos. PLoS ONE, 2010, 5, e9150.	2.5	91
9	A novel method for the efficient and selective identification of 5-hydroxymethylcytosine in genomic DNA. Nucleic Acids Research, 2011, 39, e55-e55.	14.5	88
10	Sprouts of RNA epigenetics. RNA Biology, 2013, 10, 915-918.	3.1	85
11	Î¼ChIPâ€”a rapid micro chromatin immunoprecipitation assay for small cell samples and biopsies. Nucleic Acids Research, 2008, 36, e15.	14.5	78
12	KDM4A regulates the maternal-to-zygotic transition by protecting broad H3K4me3 domains from H3K9me3 invasion in oocytes. Nature Cell Biology, 2020, 22, 380-388.	10.3	77
13	Pull-down of 5-hydroxymethylcytosine DNA using JBP1-coated magnetic beads. Nature Protocols, 2012, 7, 340-350.	12.0	56
14	Parental micronutrient deficiency distorts liver DNA methylation and expression of lipid genes associated with a fatty-liver-like phenotype in offspring. Scientific Reports, 2018, 8, 3055.	3.3	50
15	A quick and quantitative chromatin immunoprecipitation assay for small cell samples. Frontiers in Bioscience - Landmark, 2007, 12, 4925.	3.0	44
16	Persisting symptoms three to eight months after non-hospitalized COVID-19, a prospective cohort study. PLoS ONE, 2021, 16, e0256142.	2.5	39
17	Epigenetic age is a cellâ€intrinsic property in transplanted human hematopoietic cells. Aging Cell, 2019, 18, e12897.	6.7	39
18	Parental vitamin deficiency affects the embryonic gene expression of immune-, lipid transport- and apolipoprotein genes. Scientific Reports, 2016, 6, 34535.	3.3	37

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19	Fast genomic Î¼ChIP-chip from 1,000 cells. Genome Biology, 2009, 10, R13.	9.6	35
20	Reversible RNA modifications in meiosis and pluripotency. Nature Methods, 2017, 14, 18-22.	19.0	33
21	Histone modifications and mRNA expression in the inner cell mass and trophectoderm of bovine blastocysts. Epigenetics, 2013, 8, 281-289.	2.7	32
22	Î¼ChIP: Chromatin Immunoprecipitation for Small Cell Numbers. Methods in Molecular Biology, 2009, 567, 59-74.	0.9	27
23	On the way to reprogramming cells to pluripotency using cell-free extracts. Reproductive BioMedicine Online, 2006, 12, 762-770.	2.4	19
24	Sensitive on-chip quantitative real-time PCR performed on an adaptable and robust platform. Biomedical Microdevices, 2008, 10, 769-776.	2.8	19
25	Positioning Europe for the EPITRANSCRIPTOMICS challenge. RNA Biology, 2018, 15, 1-3.	3.1	18
26	LSD1 represses a neonatal/reparative gene program in adult intestinal epithelium. Science Advances, 2020, 6, .	10.3	18
27	Persistence of Collagen Type II Synthesis and Secretion in Rapidly Proliferating Human Articular ChondrocytesIn Vitro. Tissue Engineering - Part A, 2008, 14, 1999-2007.	3.1	16
28	DNA base modifications in honey bee and fruit fly genomes suggest an active demethylation machinery with species- and tissue-specific turnover rates. Biochemistry and Biophysics Reports, 2016, 6, 9-15.	1.3	16
29	How low can you go? Pushing the limits of low-input ChIP-seq. Briefings in Functional Genomics, 2018, 17, 89-95.	2.7	15
30	Intestinal-epithelial LSD1 controls goblet cell maturation and effector responses required for gut immunity to bacterial and helminth infection. PLoS Pathogens, 2021, 17, e1009476.	4.7	13
31	Micro Chromatin Immunoprecipitation (Î¼ChIP) from Early Mammalian Embryos. Methods in Molecular Biology, 2015, 1222, 227-245.	0.9	11
32	Histone Methylations Define Neural Stem/Progenitor Cell Subtypes in the Mouse Subventricular Zone. Molecular Neurobiology, 2020, 57, 997-1008.	4.0	10
33	Genome-wide profiling of DNA 5-hydroxymethylcytosine during rat Sertoli cell maturation. Cell Discovery, 2017, 3, 17013.	6.7	8
34	5-hydroxymethylcytosine Marks Mammalian Origins Acting as a Barrier to Replication. Scientific Reports, 2019, 9, 11065.	3.3	8
35	Going low to reach high: Smallâ€scale ChIPâ€seq maps new terrain. Wiley Interdisciplinary Reviews: Systems Biology and Medicine, 2020, 12, e1465.	6.6	8
36	The use of public transport and contraction of SARS-CoV-2 in a large prospective cohort in Norway. BMC Infectious Diseases, 2022, 22, 252.	2.9	8

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37	Analysis of epigenetic aging in vivo and in vitro: Factors controlling the speed and direction. Experimental Biology and Medicine, 2020, 245, 1543-1551.	2.4	7
38	Bases of DNA repair and regulation. Nature Chemical Biology, 2014, 10, 487-488.	8.0	5
39	Screening bioactive food compounds in honey bees suggests curcumin blocks alcohol-induced damage to longevity and DNA methylation. Scientific Reports, 2021, 11, 19156.	3.3	5
40	ALKBH5 regulates somatic cell reprogramming in a phase-specific manner. Journal of Cell Science, 2022, 135, .	2.0	3