

# John Arne Dahl

## List of Publications by Year in descending order

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Version: 2024-02-01

40  
papers

4,784  
citations

304602

22  
h-index

289141

40  
g-index

45  
all docs

45  
docs citations

45  
times ranked

7529  
citing authors

#	ARTICLE	IF	CITATIONS
1	ALKBH5 Is a Mammalian RNA Demethylase that Impacts RNA Metabolism and Mouse Fertility. <i>Molecular Cell</i> , 2013, 49, 18-29.	4.5	2,549
2	Broad histone H3K4me3 domains in mouse oocytes modulate maternal-to-zygotic transition. <i>Nature</i> , 2016, 537, 548-552.	13.7	484
3	A rapid micro chromatin immunoprecipitation assay (ChIP). <i>Nature Protocols</i> , 2008, 3, 1032-1045.	5.5	259
4	High-resolution analysis of genetic stability of human adipose tissue stem cells cultured to senescence. <i>Journal of Cellular and Molecular Medicine</i> , 2008, 12, 553-563.	1.6	148
5	Q2ChIP, a Quick and Quantitative Chromatin Immunoprecipitation Assay, Unravels Epigenetic Dynamics of Developmentally Regulated Genes in Human Carcinoma Cells. <i>Stem Cells</i> , 2007, 25, 1037-1046.	1.4	137
6	ALKBH1 is a Histone H2A Dioxygenase Involved in Neural Differentiation. <i>Stem Cells</i> , 2012, 30, 2672-2682.	1.4	97
7	Dynamic RNA modifications in disease. <i>Current Opinion in Genetics and Development</i> , 2014, 26, 47-52.	1.5	92
8	Histone H3 Lysine 27 Methylation Asymmetry on Developmentally-Regulated Promoters Distinguish the First Two Lineages in Mouse Preimplantation Embryos. <i>PLoS ONE</i> , 2010, 5, e9150.	1.1	91
9	A novel method for the efficient and selective identification of 5-hydroxymethylcytosine in genomic DNA. <i>Nucleic Acids Research</i> , 2011, 39, e55-e55.	6.5	88
10	Sprouts of RNA epigenetics. <i>RNA Biology</i> , 2013, 10, 915-918.	1.5	85
11	1/4ChIP—a rapid micro chromatin immunoprecipitation assay for small cell samples and biopsies. <i>Nucleic Acids Research</i> , 2008, 36, e15.	6.5	78
12	KDM4A regulates the maternal-to-zygotic transition by protecting broad H3K4me3 domains from H3K9me3 invasion in oocytes. <i>Nature Cell Biology</i> , 2020, 22, 380-388.	4.6	77
13	Pull-down of 5-hydroxymethylcytosine DNA using JBP1-coated magnetic beads. <i>Nature Protocols</i> , 2012, 7, 340-350.	5.5	56
14	Parental micronutrient deficiency distorts liver DNA methylation and expression of lipid genes associated with a fatty-liver-like phenotype in offspring. <i>Scientific Reports</i> , 2018, 8, 3055.	1.6	50
15	A quick and quantitative chromatin immunoprecipitation assay for small cell samples. <i>Frontiers in Bioscience - Landmark</i> , 2007, 12, 4925.	3.0	44
16	Persisting symptoms three to eight months after non-hospitalized COVID-19, a prospective cohort study. <i>PLoS ONE</i> , 2021, 16, e0256142.	1.1	39
17	Epigenetic age is a cell-intrinsic property in transplanted human hematopoietic cells. <i>Aging Cell</i> , 2019, 18, e12897.	3.0	39
18	Parental vitamin deficiency affects the embryonic gene expression of immune-, lipid transport- and apolipoprotein genes. <i>Scientific Reports</i> , 2016, 6, 34535.	1.6	37

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19	Fast genomic $\hat{1}/4$ ChIP-chip from 1,000 cells. <i>Genome Biology</i> , 2009, 10, R13.	13.9	35
20	Reversible RNA modifications in meiosis and pluripotency. <i>Nature Methods</i> , 2017, 14, 18-22.	9.0	33
21	Histone modifications and mRNA expression in the inner cell mass and trophectoderm of bovine blastocysts. <i>Epigenetics</i> , 2013, 8, 281-289.	1.3	32
22	$\hat{1}/4$ ChIP: Chromatin Immunoprecipitation for Small Cell Numbers. <i>Methods in Molecular Biology</i> , 2009, 567, 59-74.	0.4	27
23	On the way to reprogramming cells to pluripotency using cell-free extracts. <i>Reproductive BioMedicine Online</i> , 2006, 12, 762-770.	1.1	19
24	Sensitive on-chip quantitative real-time PCR performed on an adaptable and robust platform. <i>Biomedical Microdevices</i> , 2008, 10, 769-776.	1.4	19
25	Positioning Europe for the EPITRANSCRIPTOMICS challenge. <i>RNA Biology</i> , 2018, 15, 1-3.	1.5	18
26	LSD1 represses a neonatal/reparative gene program in adult intestinal epithelium. <i>Science Advances</i> , 2020, 6, .	4.7	18
27	Persistence of Collagen Type II Synthesis and Secretion in Rapidly Proliferating Human Articular Chondrocytes<i>In Vitro</i>. <i>Tissue Engineering - Part A</i> , 2008, 14, 1999-2007.	1.6	16
28	DNA base modifications in honey bee and fruit fly genomes suggest an active demethylation machinery with species- and tissue-specific turnover rates. <i>Biochemistry and Biophysics Reports</i> , 2016, 6, 9-15.	0.7	16
29	How low can you go? Pushing the limits of low-input ChIP-seq. <i>Briefings in Functional Genomics</i> , 2018, 17, 89-95.	1.3	15
30	Intestinal-epithelial LSD1 controls goblet cell maturation and effector responses required for gut immunity to bacterial and helminth infection. <i>PLoS Pathogens</i> , 2021, 17, e1009476.	2.1	13
31	Micro Chromatin Immunoprecipitation ( $\hat{1}/4$ ChIP) from Early Mammalian Embryos. <i>Methods in Molecular Biology</i> , 2015, 1222, 227-245.	0.4	11
32	Histone Methylations Define Neural Stem/Progenitor Cell Subtypes in the Mouse Subventricular Zone. <i>Molecular Neurobiology</i> , 2020, 57, 997-1008.	1.9	10
33	Genome-wide profiling of DNA 5-hydroxymethylcytosine during rat Sertoli cell maturation. <i>Cell Discovery</i> , 2017, 3, 17013.	3.1	8
34	5-hydroxymethylcytosine Marks Mammalian Origins Acting as a Barrier to Replication. <i>Scientific Reports</i> , 2019, 9, 11065.	1.6	8
35	Going low to reach high: Smallâ€scale ChIPâ€seq maps new terrain. <i>Wiley Interdisciplinary Reviews: Systems Biology and Medicine</i> , 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. <i>BMC Infectious Diseases</i> , 2022, 22, 252.	1.3	8

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37	Analysis of epigenetic aging <i>in vivo</i> and <i>in vitro</i> : Factors controlling the speed and direction. <i>Experimental Biology and Medicine</i> , 2020, 245, 1543-1551.	1.1	7
38	Bases of DNA repair and regulation. <i>Nature Chemical Biology</i> , 2014, 10, 487-488.	3.9	5
39	Screening bioactive food compounds in honey bees suggests curcumin blocks alcohol-induced damage to longevity and DNA methylation. <i>Scientific Reports</i> , 2021, 11, 19156.	1.6	5
40	ALKBH5 regulates somatic cell reprogramming in a phase-specific manner. <i>Journal of Cell Science</i> , 2022, 135, .	1.2	3