

Andreas Hecht

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37
papers

3,136
citations

24
h-index

40
g-index

40
ext. papers

3,376
ext. citations

8.6
avg, IF

4.78
L-index

#	Paper	IF	Citations
37	Histone H3 and H4 N-termini interact with SIR3 and SIR4 proteins: a molecular model for the formation of heterochromatin in yeast. <i>Cell</i> , 1995 , 80, 583-92	56.2	715
36	Spreading of transcriptional repressor SIR3 from telomeric heterochromatin. <i>Nature</i> , 1996 , 383, 92-6	50.4	463
35	Mediator is a transducer of Wnt/beta-catenin signaling. <i>Journal of Biological Chemistry</i> , 2006 , 281, 14066-75	5.75	227
34	Functional characterization of multiple transactivating elements in beta-catenin, some of which interact with the TATA-binding protein in vitro. <i>Journal of Biological Chemistry</i> , 1999 , 274, 18017-25	5.4	154
33	Curbing the nuclear activities of beta-catenin. Control over Wnt target gene expression. <i>EMBO Reports</i> , 2000 , 1, 24-8	6.5	152
32	Mapping DNA interaction sites of chromosomal proteins using immunoprecipitation and polymerase chain reaction. <i>Methods in Enzymology</i> , 1999 , 304, 399-414	1.7	146
31	The microphthalmia-associated transcription factor Mitf interacts with beta-catenin to determine target gene expression. <i>Molecular and Cellular Biology</i> , 2006 , 26, 8914-27	4.8	131
30	Dynamic chromatin: the regulatory domain organization of eukaryotic gene loci. <i>Journal of Cellular Biochemistry</i> , 1991 , 47, 99-108	4.7	108
29	Alternative splicing of Tcf7l2 transcripts generates protein variants with differential promoter-binding and transcriptional activation properties at Wnt/beta-catenin targets. <i>Nucleic Acids Research</i> , 2010 , 38, 1964-81	20.1	107
28	Trans-repression of beta-catenin activity by nuclear receptors. <i>Journal of Biological Chemistry</i> , 2003 , 278, 48137-45	5.4	97
27	The C-terminal transactivation domain of beta-catenin is necessary and sufficient for signaling by the LEF-1/beta-catenin complex in <i>Xenopus laevis</i> . <i>Mechanisms of Development</i> , 1999 , 81, 65-74	1.7	91
26	Canonical Wnt signaling transiently stimulates proliferation and enhances neurogenesis in neonatal neural progenitor cultures. <i>Experimental Cell Research</i> , 2007 , 313, 572-87	4.2	80
25	Identification of a promoter-specific transcriptional activation domain at the C terminus of the Wnt effector protein T-cell factor 4. <i>Journal of Biological Chemistry</i> , 2003 , 278, 3776-85	5.4	77
24	Inhibition of GSK3 differentially modulates NF-kappaB, CREB, AP-1 and beta-catenin signaling in hepatocytes, but fails to promote TNF-alpha-induced apoptosis. <i>Experimental Cell Research</i> , 2008 , 314, 1351-66	4.2	62
23	E-cadherin intron 2 contains cis-regulatory elements essential for gene expression. <i>Development (Cambridge)</i> , 2005 , 132, 965-76	6.6	58
22	Differential control of Wnt target genes involves epigenetic mechanisms and selective promoter occupancy by T-cell factors. <i>Molecular and Cellular Biology</i> , 2007 , 27, 8164-77	4.8	49
21	Canonical Wnt signaling controls proliferation of retinal stem/progenitor cells in postembryonic <i>Xenopus</i> eyes. <i>Stem Cells</i> , 2008 , 26, 2063-74	5.8	45

20	Intrinsic properties of Tcf1 and Tcf4 splice variants determine cell-type-specific Wnt/ β catenin target gene expression. <i>Nucleic Acids Research</i> , 2012 , 40, 9455-69	20.1	32
19	Mapping DNA interaction sites of chromosomal proteins. Crosslinking studies in yeast. <i>Methods in Molecular Biology</i> , 1999 , 119, 469-79	1.4	31
18	SNAIL1-mediated downregulation of FOXA proteins facilitates the inactivation of transcriptional enhancer elements at key epithelial genes in colorectal cancer cells. <i>PLoS Genetics</i> , 2017 , 13, e1007109	6	31
17	Analysis of regulatory elements of E-cadherin with reporter gene constructs in transgenic mouse embryos. <i>Developmental Dynamics</i> , 2003 , 227, 238-45	2.9	30
16	SNAIL1 combines competitive displacement of ASCL2 and epigenetic mechanisms to rapidly silence the EPHB3 tumor suppressor in colorectal cancer. <i>Molecular Oncology</i> , 2015 , 9, 335-54	7.9	28
15	Oncogenic transformation by beta-catenin: deletion analysis and characterization of selected target genes. <i>Oncogene</i> , 2002 , 21, 6983-91	9.2	27
14	Silencing of the EPHB3 tumor-suppressor gene in human colorectal cancer through decommissioning of a transcriptional enhancer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 4886-91	11.5	26
13	Class I and III HDACs and loss of active chromatin features contribute to epigenetic silencing of CDX1 and EPHB tumor suppressor genes in colorectal cancer. <i>Epigenetics</i> , 2011 , 6, 610-22	5.7	22
12	Modeling Wnt/ β Catenin Target Gene Expression in APC and Wnt Gradients Under Wild Type and Mutant Conditions. <i>Frontiers in Physiology</i> , 2013 , 4, 21	4.6	19
11	Loss of the nuclear Wnt pathway effector TCF7L2 promotes migration and invasion of human colorectal cancer cells. <i>Oncogene</i> , 2020 , 39, 3893-3909	9.2	18
10	Snapshots of protein dynamics and post-translational modifications in one experiment--beta-catenin and its functions. <i>Molecular and Cellular Proteomics</i> , 2011 , 10, M110.007377	7.6	17
9	ZEB1 is neither sufficient nor required for epithelial-mesenchymal transition in LS174T colorectal cancer cells. <i>Biochemical and Biophysical Research Communications</i> , 2017 , 482, 1226-1232	3.4	16
8	Genome-wide mapping of DNA-binding sites identifies stemness-related genes as directly repressed targets of SNAIL1 in colorectal cancer cells. <i>Oncogene</i> , 2019 , 38, 6647-6661	9.2	15
7	Acetylation of human TCF4 (TCF7L2) proteins attenuates inhibition by the HBP1 repressor and induces a conformational change in the TCF4::DNA complex. <i>PLoS ONE</i> , 2013 , 8, e61867	3.7	14
6	SNAIL1 employs β Catenin-LEF1 complexes to control colorectal cancer cell invasion and proliferation. <i>International Journal of Cancer</i> , 2020 , 146, 2229-2242	7.5	14
5	Enhancer decommissioning by Snail1-induced competitive displacement of TCF7L2 and down-regulation of transcriptional activators results in EPHB2 silencing. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2016 , 1859, 1353-1367	6	11
4	4-Aminoethylamino-emodin--a novel potent inhibitor of GSK-3 β --acts as an insulin-sensitizer avoiding downstream effects of activated beta-catenin. <i>Journal of Cellular and Molecular Medicine</i> , 2010 , 14, 1276-93	5.6	10
3	Mathematical modelling suggests a differential impact of β transducin repeat-containing protein paralogues on Wnt/ β catenin signalling dynamics. <i>FEBS Journal</i> , 2015 , 282, 1080-96	5.7	6

- 2 Canonical BMP Signaling Executes Epithelial-Mesenchymal Transition Downstream of SNAIL1. *Cancers*, **2020**, 12, 6.6 6
- 1 Rat antibodies as probes for the characterization of progesterone receptor A and B proteins from laying hen oviduct cytosol. *Biochimica Et Biophysica Acta - Molecular Cell Research*, **1988**, 968, 96-108 4.9