

Andreas Hecht

List of Publications by Year in descending order

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39
papers

3,607
citations

236925

25
h-index

330143

37
g-index

40
all docs

40
docs citations

40
times ranked

4283
citing authors

#	ARTICLE	IF	CITATIONS
1	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, 583-592.	28.9	799
2	Spreading of transcriptional repressor SIR3 from telomeric heterochromatin. <i>Nature</i> , 1996, 383, 92-96.	27.8	526
3	Mediator Is a Transducer of Wnt/ β -Catenin Signaling. <i>Journal of Biological Chemistry</i> , 2006, 281, 14066-14075.	3.4	260
4	Curbing the nuclear activities of β -catenin. <i>EMBO Reports</i> , 2000, 1, 24-28.	4.5	163
5	Functional Characterization of Multiple Transactivating Elements in β -Catenin, Some of Which Interact with the TATA-binding Protein in Vitro. <i>Journal of Biological Chemistry</i> , 1999, 274, 18017-18025.	3.4	162
6	The Microphthalmia-Associated Transcription Factor Mitf Interacts with β -Catenin To Determine Target Gene Expression. <i>Molecular and Cellular Biology</i> , 2006, 26, 8914-8927.	2.3	158
7	Mapping DNA interaction sites of chromosomal proteins using immunoprecipitation and polymerase chain reaction. <i>Methods in Enzymology</i> , 1999, 304, 399-414.	1.0	156
8	Alternative splicing of Tcf7l2 transcripts generates protein variants with differential promoter-binding and transcriptional activation properties at Wnt/ β -catenin targets. <i>Nucleic Acids Research</i> , 2010, 38, 1964-1981.	14.5	125
9	Dynamic chromatin: The regulatory domain organization of eukaryotic gene loci. <i>Journal of Cellular Biochemistry</i> , 1991, 47, 99-108.	2.6	118
10	Trans-repression of β -Catenin Activity by Nuclear Receptors. <i>Journal of Biological Chemistry</i> , 2003, 278, 48137-48145.	3.4	111
11	The C-terminal transactivation domain of β -catenin is necessary and sufficient for signaling by the LEF-1/ β -catenin complex in <i>Xenopus laevis</i> . <i>Mechanisms of Development</i> , 1999, 81, 65-74.	1.7	97
12	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, 3776-3785.	3.4	85
13	Canonical Wnt signaling transiently stimulates proliferation and enhances neurogenesis in neonatal neural progenitor cultures. <i>Experimental Cell Research</i> , 2007, 313, 572-587.	2.6	84
14	Inhibition of GSK3 differentially modulates NF- κ B, CREB, AP-1 and β -catenin signaling in hepatocytes, but fails to promote TNF- α -induced apoptosis. <i>Experimental Cell Research</i> , 2008, 314, 1351-1366.	2.6	69
15	E-cadherin intron 2 contains cis-regulatory elements essential for gene expression. <i>Development (Cambridge)</i> , 2005, 132, 965-976.	2.5	64
16	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.	3.5	52
17	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, 8164-8177.	2.3	51
18	Canonical Wnt Signaling Controls Proliferation of Retinal Stem/Progenitor Cells in Postembryonic <i>Xenopus</i> Eyes. <i>Stem Cells</i> , 2008, 26, 2063-2074.	3.2	51

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19	Loss of the nuclear Wnt pathway effector TCF7L2 promotes migration and invasion of human colorectal cancer cells. <i>Oncogene</i> , 2020, 39, 3893-3909.	5.9	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, 9455-9469.	14.5	39
21	Mapping DNA Interaction Sites of Chromosomal Proteins Crosslinking Studies in Yeast. , 1999, 119, 469-480.		36
22	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, 335-354.	4.6	34
23	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, 4886-4891.	7.1	32
24	SNAIL1 employs β -Catenin/LEF1 complexes to control colorectal cancer cell invasion and proliferation. <i>International Journal of Cancer</i> , 2020, 146, 2229-2242.	5.1	32
25	Analysis of regulatory elements of E-cadherin with reporter gene constructs in transgenic mouse embryos. <i>Developmental Dynamics</i> , 2003, 227, 238-245.	1.8	31
26	Oncogenic transformation by β -catenin: deletion analysis and characterization of selected target genes. <i>Oncogene</i> , 2002, 21, 6983-6991.	5.9	27
27	Class I and III HDACs and loss of active chromatin features contribute to epigenetic silencing of <i>CDX1</i> and <i>EPHB</i> tumor suppressor genes in colorectal cancer. <i>Epigenetics</i> , 2011, 6, 610-622.	2.7	24
28	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.	5.9	24
29	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.	2.8	20
30	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.	2.5	19
31	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.	2.1	19
32	Snapshots of Protein Dynamics and Post-translational Modifications In One Experiment β -Catenin and Its Functions. <i>Molecular and Cellular Proteomics</i> , 2011, 10, M110.007377.	3.8	18
33	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.	1.9	18
34	Canonical BMP Signaling Executes Epithelial-Mesenchymal Transition Downstream of SNAIL1. <i>Cancers</i> , 2020, 12, 1019.	3.7	17
35	SMAD4 mutations do not preclude epithelial to mesenchymal transition in colorectal cancer. <i>Oncogene</i> , 2022, 41, 824-837.	5.9	12
36	4-Aminoethylamino emodin a novel potent inhibitor of GSK-3 β acts as an insulin sensitizer avoiding downstream effects of activated β -catenin. <i>Journal of Cellular and Molecular Medicine</i> , 2010, 14, 1276-1293.	3.6	11

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37	Canonical TGF β signaling induces collective invasion in colorectal carcinogenesis through a Snail1- and Zeb1-independent partial EMT. <i>Oncogene</i> , 2022, 41, 1492-1506.	5.9	10
38	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, 1080-1096.	4.7	8
39	Rat antibodies as probes for the characterization of progesterone receptor A and B proteins from laying hen oviduct cytosol. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 1988, 968, 96-108.	4.1	0