

Irwin Davidson

List of Publications by Year in descending order

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46
papers

3,160
citations

236612

25
h-index

253896

43
g-index

53
all docs

53
docs citations

53
times ranked

5308
citing authors

#	ARTICLE	IF	CITATIONS
1	Cloning, expression, and transcriptional properties of the human enhancer factor TEF-1. <i>Cell</i> , 1991, 65, 551-568.	13.5	420
2	seqMINER: an integrated ChIP-seq data interpretation platform. <i>Nucleic Acids Research</i> , 2011, 39, e35-e35.	6.5	377
3	The HeLa cell protein TEF-1 binds specifically and cooperatively to two SV40 enhancer motifs of unrelated sequence. <i>Cell</i> , 1988, 54, 931-942.	13.5	335
4	Transcription cofactors TRIM24, TRIM28, and TRIM33 associate to form regulatory complexes that suppress murine hepatocellular carcinoma. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 8212-8217.	3.3	178
5	MITF and c-Jun antagonism interconnects melanoma dedifferentiation with pro-inflammatory cytokine responsiveness and myeloid cell recruitment. <i>Nature Communications</i> , 2015, 6, 8755.	5.8	175
6	Brn-2 Represses Microphthalmia-Associated Transcription Factor Expression and Marks a Distinct Subpopulation of Microphthalmia-Associated Transcription Factor ^{hi} Negative Melanoma Cells. <i>Cancer Research</i> , 2008, 68, 7788-7794.	0.4	173
7	Transcription factor MITF and remodeller BRG1 define chromatin organisation at regulatory elements in melanoma cells. <i>ELife</i> , 2015, 4, .	2.8	147
8	Retinoic Acid Receptors Recognize the Mouse Genome through Binding Elements with Diverse Spacing and Topology. <i>Journal of Biological Chemistry</i> , 2012, 287, 26328-26341.	1.6	133
9	A Novel Family of Developmentally Regulated Mammalian Transcription Factors Containing the TEA/ATTS DNA Binding Domain. <i>Journal of Biological Chemistry</i> , 1996, 271, 21775-21785.	1.6	121
10	Neuronal identity genes regulated by super-enhancers are preferentially down-regulated in the striatum of Huntington's disease mice. <i>Human Molecular Genetics</i> , 2015, 24, 3481-3496.	1.4	84
11	Recent advances in understanding the structure and function of general transcription factor TFIID. <i>Cellular and Molecular Life Sciences</i> , 2009, 66, 2123-2134.	2.4	74
12	Trim24-repressed VL30 retrotransposons regulate gene expression by producing noncoding RNA. <i>Nature Structural and Molecular Biology</i> , 2013, 20, 339-346.	3.6	63
13	MITF ^{hi} -High and MITF ^{hi} -Low Cells and a Novel Subpopulation Expressing Genes of Both Cell States Contribute to Intra- and Intertumoral Heterogeneity of Primary Melanoma. <i>Clinical Cancer Research</i> , 2017, 23, 7097-7107.	3.2	57
14	Cell-specific occupancy of an extended repertoire of CREM and CREB binding loci in male germ cells. <i>BMC Genomics</i> , 2010, 11, 530.	1.2	56
15	Single-cell RNA sequencing reveals intratumoral heterogeneity in primary uveal melanomas and identifies HES6 as a driver of the metastatic disease. <i>Cell Death and Differentiation</i> , 2021, 28, 1990-2000.	5.0	56
16	TEAD transcription factors are required for normal primary myoblast differentiation in vitro and muscle regeneration in vivo. <i>PLoS Genetics</i> , 2017, 13, e1006600.	1.5	55
17	The TIF1 ^{hi} -related TRIM cofactors couple chromatin modifications to transcriptional regulation, signaling and tumor suppression. <i>Transcription</i> , 2011, 2, 231-236.	1.7	53
18	TAF4 inactivation in embryonic fibroblasts activates TGF β signalling and autocrine growth. <i>EMBO Journal</i> , 2005, 24, 2753-2767.	3.5	49

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19	Genome-wide analysis of POU3F2/BRN2 promoter occupancy in human melanoma cells reveals Kitl as a novel regulated target gene. <i>Pigment Cell and Melanoma Research</i> , 2010, 23, 404-418.	1.5	48
20	TRIM33 switches off Ifnb1 gene transcription during the late phase of macrophage activation. <i>Nature Communications</i> , 2015, 6, 8900.	5.8	42
21	Tuning Transcription Factor Availability through Acetylation-Mediated Genomic Redistribution. <i>Molecular Cell</i> , 2020, 79, 472-487.e10.	4.5	38
22	Chromatin-Remodelling Complex NURF Is Essential for Differentiation of Adult Melanocyte Stem Cells. <i>PLoS Genetics</i> , 2015, 11, e1005555.	1.5	35
23	TAF4, a subunit of transcription factor II D, directs promoter occupancy of nuclear receptor HNF4A during post-natal hepatocyte differentiation. <i>ELife</i> , 2014, 3, e03613.	2.8	35
24	Chromatin remodellers Brg1 and Bptf are required for normal gene expression and progression of oncogenic Braf-driven mouse melanoma. <i>Cell Death and Differentiation</i> , 2020, 27, 29-43.	5.0	33
25	Comprehensive integrative profiling of upper tract urothelial carcinomas. <i>Genome Biology</i> , 2021, 22, 7.	3.8	31
26	The TFIID subunit TAF4 regulates keratinocyte proliferation and has cell-autonomous and non-cell-autonomous tumour suppressor activity in mouse epidermis. <i>Development (Cambridge)</i> , 2007, 134, 2947-2958.	1.2	28
27	Thymine DNA glycosylase as a novel target for melanoma. <i>Oncogene</i> , 2019, 38, 3710-3728.	2.6	28
28	A Brn2-Zic1 axis specifies the neuronal fate of retinoic-acid-treated embryonic stem cells. <i>Journal of Cell Science</i> , 2015, 128, 2303-2318.	1.2	27
29	Citrullination of pyruvate kinase M2 by PADI1 and PADI3 regulates glycolysis and cancer cell proliferation. <i>Nature Communications</i> , 2021, 12, 1718.	5.8	27
30	Phosphorylation of the retinoic acid receptor RAR β 2 is crucial for the neuronal differentiation of mouse embryonic stem cells. <i>Journal of Cell Science</i> , 2014, 127, 2095-105.	1.2	26
31	Interconversion between active and inactive TATA-binding protein transcription complexes in the mouse genome. <i>Nucleic Acids Research</i> , 2012, 40, 1446-1459.	6.5	24
32	Phosphorylation of BRN2 Modulates Its Interaction with the Pax3 Promoter To Control Melanocyte Migration and Proliferation. <i>Molecular and Cellular Biology</i> , 2012, 32, 1237-1247.	1.1	23
33	T-cell-intrinsic Tif1/Trim24 regulates IL-1R expression on T _H 2 cells and T _H 2 cell-mediated airway allergy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E568-76.	3.3	22
34	Essential role of the TFIID subunit TAF4 in murine embryogenesis and embryonic stem cell differentiation. <i>Nature Communications</i> , 2016, 7, 11063.	5.8	21
35	TAF4 Inactivation Reveals the 3 Dimensional Growth Promoting Activities of Collagen 6A3. <i>PLoS ONE</i> , 2014, 9, e87365.	1.1	12
36	BRN2 is a non-canonical melanoma tumor-suppressor. <i>Nature Communications</i> , 2021, 12, 3707.	5.8	10

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37	CDK7 and MITF repress a transcription program involved in survival and drug tolerance in melanoma. EMBO Reports, 2021, 22, e51683.	2.0	10
38	Dynamic Evolution of Clonal Composition and Neoantigen Landscape in Recurrent Metastatic Melanoma with a Rare Combination of Driver Mutations. Journal of Investigative Dermatology, 2019, 139, 1769-1778.e2.	0.3	9
39	Single cell transcriptomics reveal trans-differentiation of pancreatic beta cells following inactivation of the TFIID subunit Taf4. Cell Death and Disease, 2021, 12, 790.	2.7	6
40	Stabilization of β -catenin promotes melanocyte specification at the expense of the Schwann cell lineage. Development (Cambridge), 2022, 149, .	1.2	6
41	Involvement of Neutrophils in Metastatic Evolution of Pancreatic Neuroendocrine Tumors. Cancers, 2021, 13, 2771.	1.7	5
42	Improved Protocol for Chromatin Immunoprecipitation from Mouse Skeletal Muscle. Journal of Visualized Experiments, 2017, , .	0.2	4
43	Regulation of glycolysis and cancer cell proliferation by PKM2 citrullination. Molecular and Cellular Oncology, 2021, 8, 1927446.	0.3	3
44	Front seat and back seat drivers of melanoma metastasis. Pigment Cell and Melanoma Research, 2011, 24, 898-901.	1.5	0
45	No evidence for generation of alternatively spliced isoforms from the mutated Trim24 allele lacking exon 4 in mouse liver. Journal of Hepatology, 2015, 63, 276-277.	1.8	0
46	A Brn2-Zic1 axis specifies the neuronal fate of retinoic-acid-treated embryonic stem cells. Development (Cambridge), 2015, 142, e1.1-e1.1.	1.2	0