Irwin Davidson

List of Publications by Year
in descending order

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	Stabilization of Î²-catenin promotes melanocyte specification at the expense of the Schwann cell lineage. Development (Cambridge), 2022, 149, .	1.2	6
2	Citrullination of pyruvate kinase M2 by PADI1 and PADI3 regulates glycolysis and cancer cell proliferation. Nature Communications, 2021, 12, 1718.	5.8	27
3	Involvement of Neutrophils in Metastatic Evolution of Pancreatic Neuroendocrine Tumors. Cancers, 2021, 13, 2771.	1.7	5
4	Regulation of glycolysis and cancer cell proliferation by PKM2 citrullination. Molecular and Cellular Oncology, 2021, 8, 1927446.	0.3	3
5	BRN2 is a non-canonical melanoma tumor-suppressor. Nature Communications, 2021, 12, 3707.	5.8	10
6	CDK7 and MITF repress a transcription program involved in survival and drug tolerance in melanoma. EMBO Reports, 2021, 22, e51683.	2.0	10
7	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
8	Single-cell RNA sequencing reveals intratumoral heterogeneity in primary uveal melanomas and identifies HES6 as a driver of the metastatic disease. Cell Death and Differentiation, 2021, 28, 1990-2000.	5.0	56
9	Comprehensive integrative profiling of upper tract urothelial carcinomas. Genome Biology, 2021, 22, 7.	3.8	31
10	Chromatin remodellers Brg1 and Bptf are required for normal gene expression and progression of oncogenic Braf-driven mouse melanoma. Cell Death and Differentiation, 2020, 27, 29-43.	5.0	33
11	Tuning Transcription Factor Availability through Acetylation-Mediated Genomic Redistribution. Molecular Cell, 2020, 79, 472-487.e10.	4.5	38
12	Thymine DNA glycosylase as a novel target for melanoma. Oncogene, 2019, 38, 3710-3728.	2.6	28
13	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
14	<i>MITF</i>-High and <i>MITF</i>-Low Cells and a Novel Subpopulation Expressing Genes of Both Cell States Contribute to Intra- and Intertumoral Heterogeneity of Primary Melanoma. Clinical Cancer Research, 2017, 23, 7097-7107.	3.2	57
15	Improved Protocol for Chromatin Immunoprecipitation from Mouse Skeletal Muscle. Journal of Visualized Experiments, 2017, , .	0.2	4
16	TEAD transcription factors are required for normal primary myoblast differentiation in vitro and muscle regeneration in vivo. PLoS Genetics, 2017, 13, e1006600.	1.5	55
17	Essential role of the TFIID subunit TAF4 in murine embryogenesis and embryonic stem cell differentiation. Nature Communications, 2016, 7, 11063.	5.8	21
18	T-cellâ€“intrinsic Tif1Î±/Trim24 regulates IL-1R expression on T_H2 cells and T_H2 cell-mediated airway allergy. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E568-76.	3.3	22

#	Article	IF	Citations
19	Transcription factor MITF and remodeller BRG1 define chromatin organisation at regulatory elements in melanoma cells. ELife, 2015, 4, .	2.8	147
20	A Brn2â€"Zic1 axis specifies the neuronal fate of retinoic-acid-treated embryonic stem cells. Journal of Cell Science, 2015, 128, 2303-2318.	1.2	27
21	TRIM33 switches off Ifnb1 gene transcription during the late phase of macrophage activation. Nature Communications, 2015, 6, 8900.	5.8	42
22	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
23	Neuronal identity genes regulated by super-enhancers are preferentially down-regulated in the striatum of Huntington's disease mice. Human Molecular Genetics, 2015, 24, 3481-3496.	1.4	84
24	MITF and c-Jun antagonism interconnects melanoma dedifferentiation with pro-inflammatory cytokine responsiveness and myeloid cell recruitment. Nature Communications, 2015, 6, 8755.	5.8	175
25	Chromatin-Remodelling Complex NURF Is Essential for Differentiation of Adult Melanocyte Stem Cells. PLoS Genetics, 2015, 11, e1005555.	1.5	35
26	A Brn2â€"Zic1 axis specifies the neuronal fate of retinoic-acid-treated embryonic stem cells. Development (Cambridge), 2015, 142, e1.1-e1.1.	1.2	0
27	Phosphorylation of the retinoic acid receptor RARÎ²2 is crucial for the neuronal differentiation of mouse embryonic stem cells. Journal of Cell Science, 2014, 127, 2095-105.	1.2	26
28	TAF4 Inactivation Reveals the 3 Dimensional Growth Promoting Activities of Collagen 6A3. PLoS ONE, 2014, 9, e87365.	1.1	12
29	TAF4, a subunit of transcription factor II D, directs promoter occupancy of nuclear receptor HNF4A during post-natal hepatocyte differentiation. ELife, 2014, 3, e03613.	2.8	35
30	Trim24-repressed VL30 retrotransposons regulate gene expression by producing noncoding RNA. Nature Structural and Molecular Biology, 2013, 20, 339-346.	3.6	63
31	Interconversion between active and inactive TATA-binding protein transcription complexes in the mouse genome. Nucleic Acids Research, 2012, 40, 1446-1459.	6.5	24
32	Retinoic Acid Receptors Recognize the Mouse Genome through Binding Elements with Diverse Spacing and Topology. Journal of Biological Chemistry, 2012, 287, 26328-26341.	1.6	133
33	Phosphorylation of BRN2 Modulates Its Interaction with the Pax3 Promoter To Control Melanocyte Migration and Proliferation. Molecular and Cellular Biology, 2012, 32, 1237-1247.	1.1	23
34	Front seat and back seat drivers of melanoma metastasis. Pigment Cell and Melanoma Research, 2011, 24, 898-901.	1.5	0
35	The TIF1Î±-related TRIM cofactors couple chromatin modifications to transcriptional regulation, signaling and tumor suppression. Transcription, 2011, 2, 231-236.	1.7	53
36	seqMINER: an integrated ChIP-seq data interpretation platform. Nucleic Acids Research, 2011, 39, e35-e35.	6.5	377

#	Article	IF	Citations
37	Transcription cofactors TRIM24, TRIM28, and TRIM33 associate to form regulatory complexes that suppress murine hepatocellular carcinoma. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 8212-8217.	3.3	178
38	Cell-specific occupancy of an extended repertoire of CREM and CREB binding loci in male germ cells. BMC Genomics, 2010, 11, 530.	1.2	56
39	Genomeâ€wide analysis of POU3F2/BRN2 promoter occupancy in human melanoma cells reveals Kitl as a novel regulated target gene. Pigment Cell and Melanoma Research, 2010, 23, 404-418.	1.5	48
40	Recent advances in understanding the structure and function of general transcription factor TFIID. Cellular and Molecular Life Sciences, 2009, 66, 2123-2134.	2.4	74
41	Brn-2 Represses Microphthalmia-Associated Transcription Factor Expression and Marks a Distinct Subpopulation of Microphthalmia-Associated Transcription Factorâ€"Negative Melanoma Cells. Cancer Research, 2008, 68, 7788-7794.	0.4	173
42	The TFIID subunit TAF4 regulates keratinocyte proliferation and has cell-autonomous and non-cell-autonomous tumour suppressor activity in mouse epidermis. Development (Cambridge), 2007, 134, 2947-2958.	1.2	28
43	TAF4 inactivation in embryonic fibroblasts activates TGFÎ² signalling and autocrine growth. EMBO Journal, 2005, 24, 2753-2767.	3.5	49
44	A Novel Family of Developmentally Regulated Mammalian Transcription Factors Containing the TEA/ATTS DNA Binding Domain. Journal of Biological Chemistry, 1996, 271, 21775-21785.	1.6	121
45	Cloning, expression, and transcriptional properties of the human enhancer factor TEF-1. Cell, 1991, 65, 551-568.	13.5	420
46	The HeLa cell protein TEF-1 binds specifically and cooperatively to two SV40 enhancer motifs of unrelated sequence. Cell, 1988, 54, 931-942.	13.5	335