David Wotton

List of Publications by Year in descending order

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54	5,455	279487	182168
papers	citations	23 h-index	51 g-index

98	98	98	6958
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Smad transcription factors. Genes and Development, 2005, 19, 2783-2810.	2.7	2,063
2	A Smad Transcriptional Corepressor. Cell, 1999, 97, 29-39.	13.5	523
3	The Polycomb Protein Pc2 Is a SUMO E3. Cell, 2003, 113, 127-137.	13.5	499
4	Mutations in TGIF cause holoprosencephaly and link NODAL signalling to human neural axis determination. Nature Genetics, 2000, 25, 205-208.	9.4	368
5	Mutations increasing autoinhibition inactivate tumour suppressors Smad2 and Smad4. Nature, 1997, 388, 82-87.	13.7	345
6	Multiple Modes of Repression by the Smad Transcriptional Corepressor TGIF. Journal of Biological Chemistry, 1999, 274, 37105-37110.	1.6	170
7	TGIF2 Interacts with Histone Deacetylase 1 and Represses Transcription. Journal of Biological Chemistry, 2001, 276, 32109-32114.	1.6	117
8	TGIF Inhibits Retinoid Signaling. Molecular and Cellular Biology, 2006, 26, 990-1001.	1.1	102
9	The Interaction of the Carboxyl Terminus-binding Protein with the Smad Corepressor TGIF Is Disrupted by a Holoprosencephaly Mutation in TGIF. Journal of Biological Chemistry, 2000, 275, 39762-39766.	1.6	90
10	Pc2 and SUMOylation. Biochemical Society Transactions, 2007, 35, 1401-1404.	1.6	78
11	Loss of Tgif Function Causes Holoprosencephaly by Disrupting the Shh Signaling Pathway. PLoS Genetics, 2012, 8, e1002524.	1.5	70
12	Multimerization of Hsp42p, a Novel Heat Shock Protein of Saccharomyces cerevisiae, Is Dependent on a Conserved Carboxyl-terminal Sequence. Journal of Biological Chemistry, 1996, 271, 2717-2723.	1.6	69
13	Multiple activities contribute to Pc2 E3 function. EMBO Journal, 2005, 24, 108-119.	3.5	66
14	Functional analysis of mutations in TGIF associated with holoprosencephaly. Molecular Genetics and Metabolism, 2007, 90, 97-111.	0.5	63
15	A Role for Non-Covalent SUMO Interaction Motifs in Pc2/CBX4 E3 Activity. PLoS ONE, 2010, 5, e8794.	1.1	62
16	Tgif1 and Tgif2 regulate Nodal signaling and are required for gastrulation. Development (Cambridge), 2010, 137, 249-259.	1.2	56
17	Long Noncoding RNA DRAIC Inhibits Prostate Cancer Progression by Interacting with IKK to Inhibit NF-Î²B Activation. Cancer Research, 2020, 80, 950-963.	0.4	51
18	The High Mobility Group Transcription Factor, SOX4, Transactivates the Human CD2 Enhancer. Journal of Biological Chemistry, 1995, 270, 7515-7522.	1.6	42

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19	Maternal Tgif is required for vascularization of the embryonic placenta. Developmental Biology, 2008, 319, 285-297.	0.9	41
20	dSno Facilitates Baboon Signaling in the Drosophila Brain by Switching the Affinity of Medea Away From Mad and Toward dSmad2. Genetics, 2006, 174, 1299-1313.	1.2	40
21	Cooperative Transcriptional Activation by Klf4, Meis2, and Pbx1. Molecular and Cellular Biology, 2011, 31, 3723-3733.	1.1	38
22	DrosophilaTGIF Proteins Are TranscriptionalActivators. Molecular and Cellular Biology, 2003, 23, 9262-9274.	1.1	37
23	The Tgif2 gene contains a retained intron within the coding sequence. , 2006, 7, 2.		30
24	The protein kinase C superâ€family member PKN is regulated by mTOR and influences differentiation during prostate cancer progression. Prostate, 2017, 77, 1452-1467.	1.2	29
25	Tgif1 Regulates Quiescence and Self-Renewal of Hematopoietic Stem Cells. Molecular and Cellular Biology, 2013, 33, 4824-4833.	1.1	26
26	SUMO and Chromatin Remodeling. Advances in Experimental Medicine and Biology, 2017, 963, 35-50.	0.8	26
27	Premature Senescence and Increased TGFÎ² Signaling in the Absence of Tgif1. PLoS ONE, 2012, 7, e35460.	1.1	24
28	Analysis of transcriptional activity by the Myt1 and Myt1l transcription factors. Journal of Cellular Biochemistry, 2018, 119, 4644-4655.	1.2	23
29	Identification and functional analysis of the transcriptional enhancer of the human T cell receptor Î² gene. European Journal of Immunology, 1991, 21, 161-166.	1.6	21
30	An autoinhibitory effect of the homothorax domain of Meis2. FEBS Journal, 2010, 277, 2584-2597.	2.2	21
31	Myt1 and Myt1l transcription factors limit proliferation in GBM cells by repressing YAP1 expression. Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms, 2018, 1861, 983-995.	0.9	21
32	Differential induction of the NF-AT complex during restimulation and the induction of T-cell anergy. Human Immunology, 1995, 42, 95-102.	1.2	17
33	Tgif1 represses apolipoprotein gene expression in liver. Journal of Cellular Biochemistry, 2010, 111, 380-390.	1.2	17
34	TGIF transcription factors repress acetyl CoA metabolic gene expression and promote intestinal tumor growth. Genes and Development, 2019, 33, 388-402.	2.7	16
35	Genetic and Molecular Analyses indicate independent effects of TGIFs on Nodal and Gli3 in neural tube patterning. European Journal of Human Genetics, 2017, 25, 208-215.	1.4	15
36	Post-Transcriptional Regulation of PARP7 Protein Stability Is Controlled by Androgen Signaling. Cells, 2021, 10, 363.	1.8	15

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37	Androgen signaling uses a writer and a reader of ADP-ribosylation to regulate protein complex assembly. Nature Communications, 2021, 12, 2705.	5.8	15
38	Small molecule inhibition of the CBFÎ²/RUNX interaction decreases ovarian cancer growth and migration through alterations in genes related to epithelial-to-mesenchymal transition. Gynecologic Oncology, 2018, 149, 350-360.	0.6	14
39	The Sno Oncogene Antagonizes Wingless Signaling during Wing Development in Drosophila. PLoS ONE, 2010, 5, e11619.	1.1	13
40	Prostate Cancer Induced by Loss of Apc Is Restrained by TGFÎ² Signaling. PLoS ONE, 2014, 9, e92800.	1.1	13
41	Tgif1 and Tgif2 Repress Expression of the RabGAP Evi5l. Molecular and Cellular Biology, 2017, 37, .	1.1	12
42	An autoinhibitory effect of the homothorax domain of Meis2. FEBS Journal, 2010, 277, 2584-2597.	2.2	12
43	DNase hypersensitivity and methylation of the humanCD3G andD genes during T-cell development. Immunogenetics, 1990, 31, 13-20.	1.2	11
44	The Runx3 distal transcript encodes an additional transcriptional activation domain. FEBS Journal, 2007, 274, 3429-3439.	2.2	11
45	Inhibition of CtBP1 Activity by Akt-mediated Phosphorylation. Journal of Molecular Biology, 2010, 398, 657-671.	2.0	11
46	TG-interacting factor 1 acts as a transcriptional repressor of sterol O-acyltransferase 2. Journal of Lipid Research, 2014, 55, 709-717.	2.0	11
47	Functions of TGIF homeodomain proteins and their roles in normal brain development and holoprosencephaly. American Journal of Medical Genetics, Part C: Seminars in Medical Genetics, 2018, 178, 128-139.	0.7	11
48	TGFÎ² signaling limits lineage plasticity in prostate cancer. PLoS Genetics, 2018, 14, e1007409.	1.5	9
49	Tgif1 and Tgif2 Regulate Axial Patterning in Mouse. PLoS ONE, 2016, 11, e0155837.	1.1	8
50	A CREB1â€“TGFÎ²2 Self-Sustaining Loop in Glioblastoma. Cancer Discovery, 2014, 4, 1123-1125.	7.7	6
51	Overexpression of transforming growth factor Î² induced factor homeobox 1 represses NPC1L1 and lowers markers of intestinal cholesterol absorption. Atherosclerosis, 2018, 275, 246-255.	0.4	4
52	TGF-Î² Drives DNA Demethylation. Molecular Cell, 2012, 46, 556-557.	4.5	3
53	SUMO and Chromatin Remodelling. , 2009, , 59-76.		0
54	Abstract A46: A new transgenic mouse model of prostate cancer that displays rapid progression from prostate intraepithelial neoplasia to invasive carcinoma.. Cancer Research, 2012, 72, A46-A46.	0.4	0