

Martin Teichmann

List of Publications by Year in descending order

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236925

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docs citations

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times ranked

4703
citing authors

#	ARTICLE	IF	CITATIONS
1	An RNA Polymerase III General Transcription Factor Engages in Cell Type-Specific Chromatin Looping. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2260.	4.1	4
2	Activation and repression at the heart of human RNA polymerase III. <i>Nature Structural and Molecular Biology</i> , 2021, 28, 124-126.	8.2	2
3	RNA Polymerase III Subunit Mutations in Genetic Diseases. <i>Frontiers in Molecular Biosciences</i> , 2021, 8, 696438.	3.5	28
4	TFIIIC Binding to Alu Elements Controls Gene Expression via Chromatin Looping and Histone Acetylation. <i>Molecular Cell</i> , 2020, 77, 475-487.e11.	9.7	65
5	Fusion-mediated chromosomal instability promotes aneuploidy patterns that resemble human tumors. <i>Oncogene</i> , 2019, 38, 6083-6094.	5.9	23
6	The hRPC62 subunit of human RNA polymerase III displays helicase activity. <i>Nucleic Acids Research</i> , 2019, 47, 10313-10326.	14.5	9
7	Leukodystrophy-associated POLR3A mutations down-regulate the RNA polymerase III transcript and important regulatory RNA BC200. <i>Journal of Biological Chemistry</i> , 2019, 294, 7445-7459.	3.4	39
8	CRISPR-Cas9 genome editing induces megabase-scale chromosomal truncations. <i>Nature Communications</i> , 2019, 10, 1136.	12.8	292
9	Effects on prostate cancer cells of targeting RNA polymerase III. <i>Nucleic Acids Research</i> , 2019, 47, 3937-3956.	14.5	30
10	Mutation in <i>POLR3K</i> causes hypomyelinating leukodystrophy and abnormal ribosomal RNA regulation. <i>Neurology: Genetics</i> , 2018, 4, e289.	1.9	55
11	Regulation of RNA polymerase III transcription during transformation of human IMR90 fibroblasts with defined genetic elements. <i>Cell Cycle</i> , 2018, 17, 605-615.	2.6	21
12	Absence of neurological abnormalities in mice homozygous for the Polr3a G672E hypomyelinating leukodystrophy mutation. <i>Molecular Brain</i> , 2017, 10, 13.	2.6	33
13	Surface bound <i>VEGF</i> mimicking peptide maintains endothelial cell proliferation in the absence of soluble <i>VEGF</i> <i>in vitro</i> . <i>Journal of Biomedical Materials Research - Part A</i> , 2016, 104, 1425-1436.	4.0	11
14	Growth signals employ CGGBP1 to suppress transcription of Alu-SINEs. <i>Cell Cycle</i> , 2016, 15, 1558-1571.	2.6	20
15	TRM6/61 connects PKC δ with translational control through tRNA ^{iMet} stabilization: impact on tumorigenesis. <i>Oncogene</i> , 2016, 35, 1785-1796.	5.9	53
16	Structural analysis of human RPC32 β RPC62 complex. <i>Journal of Structural Biology</i> , 2015, 192, 313-319.	2.8	11
17	<i>ZBTB17</i> (<i>MIZ1</i>) Is Important for the Cardiac Stress Response and a Novel Candidate Gene for Cardiomyopathy and Heart Failure. <i>Circulation: Cardiovascular Genetics</i> , 2015, 8, 643-652.	5.1	12
18	Contributions of <i>in vitro</i> transcription to the understanding of human RNA polymerase III transcription. <i>Transcription</i> , 2014, 5, e27526.	3.1	18

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19	Activation and repression by oncogenic MYC shape tumour-specific gene expression profiles. <i>Nature</i> , 2014, 511, 483-487.	27.8	392
20	RNA Polymerase III Transcription " Regulated by Chromatin Structure and Regulator of Nuclear Chromatin Organization. <i>Sub-Cellular Biochemistry</i> , 2013, 61, 261-287.	2.4	10
21	Structural and functional aspects of winged-helix domains at the core of transcription initiation complexes. <i>Transcription</i> , 2012, 3, 2-7.	3.1	42
22	RNA polymerase III transcription control elements: Themes and variations. <i>Gene</i> , 2012, 493, 185-194.	2.2	123
23	Structure-function analysis of hRPC62 provides insights into RNA polymerase III transcription initiation. <i>Nature Structural and Molecular Biology</i> , 2011, 18, 352-358.	8.2	43
24	Mutations of POLR3A Encoding a Catalytic Subunit of RNA Polymerase Pol III Cause a Recessive Hypomyelinating Leukodystrophy. <i>American Journal of Human Genetics</i> , 2011, 89, 415-423.	6.2	219
25	Recessive Mutations in POLR3B, Encoding the Second Largest Subunit of Pol III, Cause a Rare Hypomyelinating Leukodystrophy. <i>American Journal of Human Genetics</i> , 2011, 89, 652-655.	6.2	139
26	Widespread occurrence of non-canonical transcription termination by human RNA polymerase III. <i>Nucleic Acids Research</i> , 2011, 39, 5499-5512.	14.5	64
27	Two isoforms of human RNA polymerase III with specific functions in cell growth and transformation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 4176-4181.	7.1	62
28	Cell growth- and differentiation-dependent regulation of RNA polymerase III transcription. <i>Cell Cycle</i> , 2010, 9, 3711-3723.	2.6	59
29	General transcription factors and subunits of RNA polymerase III. <i>Transcription</i> , 2010, 1, 130-135.	3.1	16
30	TIPT2 and geminin interact with basal transcription factors to synergize in transcriptional regulation. <i>BMC Biochemistry</i> , 2009, 10, 16.	4.4	7
31	PTEN Represses RNA Polymerase III-Dependent Transcription by Targeting the TFIIB Complex. <i>Molecular and Cellular Biology</i> , 2008, 28, 4204-4214.	2.3	93
32	Identification, Molecular Cloning, and Characterization of the Sixth Subunit of Human Transcription Factor TFIIC. <i>Journal of Biological Chemistry</i> , 2007, 282, 17179-17189.	3.4	35
33	The expanding RNA polymerase III transcriptome. <i>Trends in Genetics</i> , 2007, 23, 614-622.	6.7	447
34	TATA-Binding Protein (TBP)-Like Factor (TLF) Is a Functional Regulator of Transcription: Reciprocal Regulation of the Neurofibromatosis Type 1 and c- fos Genes by TLF/TRF2 and TBP. <i>Molecular and Cellular Biology</i> , 2005, 25, 2632-2643.	2.3	42
35	Transcription Factor (TF)-like Nuclear Regulator, the 250-kDa Form of Homo sapiens TFIIB ³ , Is an Essential Component of Human TFIIC1 Activity. <i>Journal of Biological Chemistry</i> , 2004, 279, 27022-27029.	3.4	18
36	Characterization of the human beta-globin downstream promoter region. <i>Nucleic Acids Research</i> , 2003, 31, 1292-1301.	14.5	41

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37	Genes for human general transcription initiation factors TFIIB, TFIIB-associated proteins, TFIIIC2 and PTF/SNAPC: functional and positional candidates for tumour predisposition or inherited genetic diseases?. <i>Oncogene</i> , 2001, 20, 4877-4883.	5.9	8
38	Nuclear particles containing RNA polymerase III complexes associated with the junctional plaque protein plakophilin 2. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2001, 98, 7795-7800.	7.1	108
39	Spermiogenesis Deficiency in Mice Lacking the Trf2 Gene. <i>Science</i> , 2001, 292, 1153-1155.	12.6	176
40	A stable complex of a novel transcription factor IIB-related factor, human TFIIB50, and associated proteins mediate selective transcription by RNA polymerase III of genes with upstream promoter elements. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2000, 97, 14200-14205.	7.1	71
41	Human TATA-binding protein-related factor-2 (hTRF2) stably associates with hTFIIA in HeLa cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1999, 96, 13720-13725.	7.1	109
42	hTFIIIB- \hat{I}^2 stably binds to pol II promoters and recruits RNA polymerase III in a hTFIIIC1 dependent way 1 1Edited by M. Yaniv. <i>Journal of Molecular Biology</i> , 1998, 284, 7-20.	4.2	6
43	Functional interchangeability of TFIIB components from yeast and human cells invitro. <i>EMBO Journal</i> , 1997, 16, 4708-4716.	7.8	27
44	Physical and immunological characterization of human transcription factor IIIA. <i>FEBS Journal</i> , 1990, 194, 167-174.	0.2	11