

Robert G Roeder

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193
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162
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199
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29,559
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23.2
avg, IF

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L-index

#	Paper	IF	Citations
193	Activation of p53 sequence-specific DNA binding by acetylation of the p53 C-terminal domain. <i>Cell</i> , 1997 , 90, 595-606	56.2	2184
192	Coactivator condensation at super-enhancers links phase separation and gene control. <i>Science</i> , 2018 , 361,	33.3	951
191	Multiple forms of DNA-dependent RNA polymerase in eukaryotic organisms. <i>Nature</i> , 1969 , 224, 234-7	50.4	807
190	Selective and accurate initiation of transcription at the Ad2 major late promoter in a soluble system dependent on purified RNA polymerase II and DNA. <i>Cell</i> , 1979 , 18, 469-84	56.2	679
189	The metazoan Mediator co-activator complex as an integrative hub for transcriptional regulation. <i>Nature Reviews Genetics</i> , 2010 , 11, 761-72	30.1	524
188	Physical association and coordinate function of the H3 K4 methyltransferase MLL1 and the H4 K16 acetyltransferase MOF. <i>Cell</i> , 2005 , 121, 873-85	56.2	521
187	Crystal structure of a TFIIB-TBP-TATA-element ternary complex. <i>Nature</i> , 1995 , 377, 119-28	50.4	495
186	Transcription factor ATF interacts with the TATA factor to facilitate establishment of a preinitiation complex. <i>Cell</i> , 1988 , 54, 1033-42	56.2	466
185	Metabolic regulation of gene expression by histone lactylation. <i>Nature</i> , 2019 , 574, 575-580	50.4	464
184	Cooperative interaction of an initiator-binding transcription initiation factor and the helix-loop-helix activator USF. <i>Nature</i> , 1991 , 354, 245-8	50.4	458
183	S phase activation of the histone H2B promoter by OCA-S, a coactivator complex that contains GAPDH as a key component. <i>Cell</i> , 2003 , 114, 255-66	56.2	439
182	Chemically ubiquitylated histone H2B stimulates hDot1L-mediated intranucleosomal methylation. <i>Nature</i> , 2008 , 453, 812-6	50.4	424
181	Ordered cooperative functions of PRMT1, p300, and CARM1 in transcriptional activation by p53. <i>Cell</i> , 2004 , 117, 735-48	56.2	403
180	Crystal structure of TFIID TATA-box binding protein. <i>Nature</i> , 1992 , 360, 40-6	50.4	391
179	A human lymphoid-specific transcription factor that activates immunoglobulin genes is a homoeobox protein. <i>Nature</i> , 1988 , 336, 551-7	50.4	390
178	Binding of transcription factor TFIID to the major late promoter during in vitro nucleosome assembly potentiates subsequent initiation by RNA polymerase II. <i>Cell</i> , 1987 , 51, 613-22	56.2	375
177	RAD6-Mediated transcription-coupled H2B ubiquitylation directly stimulates H3K4 methylation in human cells. <i>Cell</i> , 2009 , 137, 459-71	56.2	368

176	Regulation of TFIIH ATPase and kinase activities by TFII E during active initiation complex formation. <i>Nature</i> , 1994 , 368, 160-3	50.4	349
175	Highly conserved core domain and unique N terminus with presumptive regulatory motifs in a human TATA factor (TFIID). <i>Nature</i> , 1990 , 346, 387-90	50.4	348
174	Purification, cloning, and characterization of a human coactivator, PC4, that mediates transcriptional activation of class II genes. <i>Cell</i> , 1994 , 78, 513-23	56.2	337
173	Regulation of the p300 HAT domain via a novel activation loop. <i>Nature Structural and Molecular Biology</i> , 2004 , 11, 308-15	17.6	323
172	Activation of class II gene transcription by regulatory factors is potentiated by a novel activity. <i>Cell</i> , 1991 , 66, 981-93	56.2	315
171	Xenopus 5S gene transcription factor, TFIIIA: characterization of a cDNA clone and measurement of RNA levels throughout development. <i>Cell</i> , 1984 , 39, 479-89	56.2	313
170	Dynamic regulation of pol II transcription by the mammalian Mediator complex. <i>Trends in Biochemical Sciences</i> , 2005 , 30, 256-63	10.3	311
169	Transcriptional regulation through Mediator-like coactivators in yeast and metazoan cells. <i>Trends in Biochemical Sciences</i> , 2000 , 25, 277-83	10.3	308
168	Family of proteins that interact with TFIID and regulate promoter activity. <i>Cell</i> , 1991 , 67, 557-67	56.2	306
167	Cloning and structure of a yeast gene encoding a general transcription initiation factor TFIID that binds to the TATA box. <i>Nature</i> , 1989 , 341, 299-303	50.4	304
166	Intracellular crotonyl-CoA stimulates transcription through p300-catalyzed histone crotonylation. <i>Molecular Cell</i> , 2015 , 58, 203-15	17.6	284
165	Transcription coactivator TRAP220 is required for PPAR gamma 2-stimulated adipogenesis. <i>Nature</i> , 2002 , 417, 563-7	50.4	269
164	Involvement of the TRAP220 component of the TRAP/SMCC coactivator complex in embryonic development and thyroid hormone action. <i>Molecular Cell</i> , 2000 , 5, 683-93	17.6	257
163	H3K4me3 interactions with TAF3 regulate preinitiation complex assembly and selective gene activation. <i>Cell</i> , 2013 , 152, 1021-36	56.2	256
162	A novel B cell-derived coactivator potentiates the activation of immunoglobulin promoters by octamer-binding transcription factors. <i>Cell</i> , 1992 , 71, 231-41	56.2	256
161	Direct role for Myc in transcription initiation mediated by interactions with TFII-I. <i>Nature</i> , 1993 , 365, 359-61	50.4	249
160	30 nm chromatin fibre decompaction requires both H4-K16 acetylation and linker histone eviction. <i>Journal of Molecular Biology</i> , 2008 , 381, 816-25	6.5	245
159	Transcriptional regulation and the role of diverse coactivators in animal cells. <i>FEBS Letters</i> , 2005 , 579, 909-15	3.8	245

158	A novel human SRB/MED-containing cofactor complex, SMCC, involved in transcription regulation. <i>Molecular Cell</i> , 1999 , 3, 97-108	17.6	245
157	Metabolic Regulation of Gene Expression by Histone Lysine ϵ -Hydroxybutyrylation. <i>Molecular Cell</i> , 2016 , 62, 194-206	17.6	240
156	Topology and reorganization of a human TFIID-promoter complex. <i>Nature</i> , 1996 , 382, 735-8	50.4	236
155	Enhanced processivity of RNA polymerase II triggered by Tat-induced phosphorylation of its carboxy-terminal domain. <i>Nature</i> , 1996 , 384, 375-8	50.4	234
154	Structural similarity between TAFs and the heterotetrameric core of the histone octamer. <i>Nature</i> , 1996 , 380, 316-22	50.4	232
153	The human homolog of yeast BRE1 functions as a transcriptional coactivator through direct activator interactions. <i>Molecular Cell</i> , 2005 , 20, 759-70	17.6	230
152	The TRAP/SMCC/Mediator complex and thyroid hormone receptor function. <i>Trends in Endocrinology and Metabolism</i> , 2001 , 12, 127-34	8.8	226
151	Role for Dpy-30 in ES cell-fate specification by regulation of H3K4 methylation within bivalent domains. <i>Cell</i> , 2011 , 144, 513-25	56.2	214
150	A unified nomenclature for protein subunits of mediator complexes linking transcriptional regulators to RNA polymerase II. <i>Molecular Cell</i> , 2004 , 14, 553-7	17.6	209
149	The B-cell-specific transcription coactivator OCA-B/OBF-1/Bob-1 is essential for normal production of immunoglobulin isotypes. <i>Nature</i> , 1996 , 383, 542-7	50.4	208
148	Formation of a rate-limiting intermediate in 5S RNA gene transcription. <i>Cell</i> , 1985 , 40, 119-27	56.2	208
147	Coordination of p300-mediated chromatin remodeling and TRAP/mediator function through coactivator PGC-1 α . <i>Molecular Cell</i> , 2003 , 12, 1137-49	17.6	198
146	Activator-dependent transcription from chromatin in vitro involving targeted histone acetylation by p300. <i>Molecular Cell</i> , 2000 , 6, 551-61	17.6	185
145	Molecular Coupling of Histone Crotonylation and Active Transcription by AF9 YEATS Domain. <i>Molecular Cell</i> , 2016 , 62, 181-193	17.6	184
144	The p250 subunit of native TATA box-binding factor TFIID is the cell-cycle regulatory protein CCG1. <i>Nature</i> , 1993 , 362, 179-81	50.4	182
143	The human PAF1 complex acts in chromatin transcription elongation both independently and cooperatively with SII/TFIIS. <i>Cell</i> , 2010 , 140, 491-503	56.2	179
142	Transcriptional regulation by the immediate early protein of pseudorabies virus during in vitro nucleosome assembly. <i>Cell</i> , 1988 , 55, 211-9	56.2	179
141	Histone serotonylation is a permissive modification that enhances TFIID binding to H3K4me3. <i>Nature</i> , 2019 , 567, 535-539	50.4	166

140	A histone octamer-like structure within TFIID. <i>Nature</i> , 1996 , 380, 356-9	50.4	166
139	An alternative pathway for transcription initiation involving TFII-I. <i>Nature</i> , 1993 , 365, 355-9	50.4	166
138	<i>Arabidopsis thaliana</i> contains two genes for TFIID. <i>Nature</i> , 1990 , 346, 390-4	50.4	164
137	Tumor suppressor p53 cooperates with SIRT6 to regulate gluconeogenesis by promoting FoxO1 nuclear exclusion. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 10684-9	11.5	163
136	E protein silencing by the leukemogenic AML1-ETO fusion protein. <i>Science</i> , 2004 , 305, 1286-9	33.3	162
135	CREBBP Inactivation Promotes the Development of HDAC3-Dependent Lymphomas. <i>Cancer Discovery</i> , 2017 , 7, 38-53	24.4	159
134	Multiple interactions recruit MLL1 and MLL1 fusion proteins to the HOXA9 locus in leukemogenesis. <i>Molecular Cell</i> , 2010 , 38, 853-63	17.6	159
133	Dynamic Competing Histone H4 K5K8 Acetylation and Butyrylation Are Hallmarks of Highly Active Gene Promoters. <i>Molecular Cell</i> , 2016 , 62, 169-180	17.6	144
132	Control of transcription by Krüppel through interactions with TFIIB and TFIIE beta. <i>Nature</i> , 1995 , 375, 162-4	50.4	137
131	RNA polymerase II-associated factor 1 regulates the release and phosphorylation of paused RNA polymerase II. <i>Science</i> , 2015 , 350, 1383-6	33.3	133
130	The TRAP/Mediator coactivator complex interacts directly with estrogen receptors alpha and beta through the TRAP220 subunit and directly enhances estrogen receptor function in vitro. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002 , 99, 2642-7	11.5	131
129	Functional cooperativity between protein molecules bound at two distinct sequence elements of the immunoglobulin heavy-chain promoter. <i>Nature</i> , 1989 , 337, 573-6	50.4	129
128	Coactivator as a target gene specificity determinant for histone H3 lysine 4 methyltransferases. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006 , 103, 15392-7	11.5	128
127	A downstream initiation element required for efficient TATA box binding and in vitro function of TFIID. <i>Nature</i> , 1990 , 348, 86-8	50.4	126
126	Accurate transcription initiation on a purified mouse beta-globin DNA fragment in a cell-free system. <i>Cell</i> , 1980 , 20, 691-9	56.2	125
125	SET1 and p300 act synergistically, through coupled histone modifications, in transcriptional activation by p53. <i>Cell</i> , 2013 , 154, 297-310	56.2	120
124	AF10 regulates progressive H3K79 methylation and HOX gene expression in diverse AML subtypes. <i>Cancer Cell</i> , 2014 , 26, 896-908	24.3	115
123	CCAR1, a key regulator of mediator complex recruitment to nuclear receptor transcription complexes. <i>Molecular Cell</i> , 2008 , 31, 510-519	17.6	115

122	The USA-derived transcriptional coactivator PC2 is a submodule of TRAP/SMCC and acts synergistically with other PCs. <i>Molecular Cell</i> , 2000 , 5, 753-60	17.6	114
121	Effects of activation-defective TBP mutations on transcription initiation in yeast. <i>Nature</i> , 1994 , 369, 252-50.4	50.4	112
120	Requirement of TRAP/mediator for both activator-independent and activator-dependent transcription in conjunction with TFIID-associated TAF(II)s. <i>Molecular and Cellular Biology</i> , 2002 , 22, 2842-4.8	4.8	111
119	Molecular cloning of Drosophila TFIID subunits. <i>Nature</i> , 1994 , 367, 484-7	50.4	104
118	A stable transcription factor complex nucleated by oligomeric AML1-ETO controls leukaemogenesis. <i>Nature</i> , 2013 , 500, 93-7	50.4	103
117	RUNX1 is a key target in t(4;11) leukemias that contributes to gene activation through an AF4-MLL complex interaction. <i>Cell Reports</i> , 2013 , 3, 116-27	10.6	103
116	A UTX-MLL4-p300 Transcriptional Regulatory Network Coordinately Shapes Active Enhancer Landscapes for Eliciting Transcription. <i>Molecular Cell</i> , 2017 , 67, 308-321.e6	17.6	97
115	Selective requirements for histone H3 and H4 N termini in p300-dependent transcriptional activation from chromatin. <i>Molecular Cell</i> , 2002 , 9, 811-21	17.6	95
114	Structural motifs and potential sigma homologies in the large subunit of human general transcription factor TFIIE. <i>Nature</i> , 1991 , 354, 398-401	50.4	95
113	TRAP/SMCC/mediator-dependent transcriptional activation from DNA and chromatin templates by orphan nuclear receptor hepatocyte nuclear factor 4. <i>Molecular and Cellular Biology</i> , 2002 , 22, 5626-37	4.8	85
112	Involvement of TFIID and USA components in transcriptional activation of the human immunodeficiency virus promoter by NF-kappaB and Sp1. <i>Molecular and Cellular Biology</i> , 1998 , 18, 3234-4.8	4.8	84
111	Conserved sequence motifs in the small subunit of human general transcription factor TFIIE. <i>Nature</i> , 1991 , 354, 401-4	50.4	83
110	Self-enforcing feedback activation between BCL6 and pre-B cell receptor signaling defines a distinct subtype of acute lymphoblastic leukemia. <i>Cancer Cell</i> , 2015 , 27, 409-25	24.3	81
109	The mediator complex functions as a coactivator for GATA-1 in erythropoiesis via subunit Med1/TRAP220. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006 , 103, 18504-9	11.5	80
108	Structural and functional organization of TRAP220, the TRAP/mediator subunit that is targeted by nuclear receptors. <i>Molecular and Cellular Biology</i> , 2004 , 24, 8244-54	4.8	80
107	Mediator-dependent nuclear receptor function. <i>Seminars in Cell and Developmental Biology</i> , 2011 , 22, 749-58	7.5	79
106	Direct Bre1-Paf1 complex interactions and RING finger-independent Bre1-Rad6 interactions mediate histone H2B ubiquitylation in yeast. <i>Journal of Biological Chemistry</i> , 2009 , 284, 20582-92	5.4	79
105	Reconstitution of active human core Mediator complex reveals a critical role of the MED14 subunit. <i>Nature Structural and Molecular Biology</i> , 2014 , 21, 1028-34	17.6	78

104	Functional dissection of TFIIB domains required for TFIIB-TFIID-promoter complex formation and basal transcription activity. <i>Nature</i> , 1993 , 363, 744-7	50.4	77
103	RNF20 inhibits TFIIIS-facilitated transcriptional elongation to suppress pro-oncogenic gene expression. <i>Molecular Cell</i> , 2011 , 42, 477-88	17.6	75
102	Synergistic functions of SII and p300 in productive activator-dependent transcription of chromatin templates. <i>Cell</i> , 2006 , 125, 275-86	56.2	75
101	DND1 maintains germline stem cells via recruitment of the CCR4-NOT complex to target mRNAs. <i>Nature</i> , 2017 , 543, 568-572	50.4	74
100	Alternative mechanisms by which mediator subunit MED1/TRAP220 regulates peroxisome proliferator-activated receptor gamma-stimulated adipogenesis and target gene expression. <i>Molecular and Cellular Biology</i> , 2008 , 28, 1081-91	4.8	74
99	PTEN represses RNA polymerase III-dependent transcription by targeting the TFIIB complex. <i>Molecular and Cellular Biology</i> , 2008 , 28, 4204-14	4.8	70
98	A Mediator-responsive form of metazoan RNA polymerase II. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006 , 103, 9506-11	11.5	67
97	50+ years of eukaryotic transcription: an expanding universe of factors and mechanisms. <i>Nature Structural and Molecular Biology</i> , 2019 , 26, 783-791	17.6	66
96	PRDM16 enhances nuclear receptor-dependent transcription of the brown fat-specific Ucp1 gene through interactions with Mediator subunit MED1. <i>Genes and Development</i> , 2015 , 29, 308-21	12.6	65
95	p300-Mediated Lysine 2-Hydroxyisobutyrylation Regulates Glycolysis. <i>Molecular Cell</i> , 2018 , 70, 663-678.	17.6	63
94	Key roles for MED1 LxxLL motifs in pubertal mammary gland development and luminal-cell differentiation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 6765-70	11.5	62
93	RNA polymerase III transcription repressed by Rb through its interactions with TFIIB and TFIIC2. <i>Journal of Biological Chemistry</i> , 1997 , 272, 14755-61	5.4	62
92	Activator-dependent transcription by mammalian RNA polymerase II: in vitro reconstitution with general transcription factors and cofactors. <i>Methods in Enzymology</i> , 1996 , 274, 57-71	1.7	60
91	Thyroid hormone-induced juxtaposition of regulatory elements/factors and chromatin remodeling of Crabp1 dependent on MED1/TRAP220. <i>Molecular Cell</i> , 2005 , 19, 643-53	17.6	59
90	Transcriptional regulation by Pol II(G) involving mediator and competitive interactions of Gdown1 and TFIIF with Pol II. <i>Molecular Cell</i> , 2012 , 45, 51-63	17.6	58
89	A muscle-specific knockout implicates nuclear receptor coactivator MED1 in the regulation of glucose and energy metabolism. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 10196-201	11.5	57
88	MED14 tethers mediator to the N-terminal domain of peroxisome proliferator-activated receptor gamma and is required for full transcriptional activity and adipogenesis. <i>Molecular and Cellular Biology</i> , 2010 , 30, 2155-69	4.8	57
87	Lasker Basic Medical Research Award. The eukaryotic transcriptional machinery: complexities and mechanisms unforeseen. <i>Nature Medicine</i> , 2003 , 9, 1239-44	50.5	55

86	JMJD1C is required for the survival of acute myeloid leukemia by functioning as a coactivator for key transcription factors. <i>Genes and Development</i> , 2015 , 29, 2123-39	12.6	54
85	Selective Inhibition of HDAC3 Targets Synthetic Vulnerabilities and Activates Immune Surveillance in Lymphoma. <i>Cancer Discovery</i> , 2020 , 10, 440-459	24.4	54
84	Cell growth- and differentiation-dependent regulation of RNA polymerase III transcription. <i>Cell Cycle</i> , 2010 , 9, 3687-99	4.7	50
83	Positive and negative TAF(II) functions that suggest a dynamic TFIID structure and elicit synergy with traps in activator-induced transcription. <i>Molecular and Cellular Biology</i> , 2001 , 21, 6882-94	4.8	48
82	Direct interactions of OCA-B and TFII-I regulate immunoglobulin heavy-chain gene transcription by facilitating enhancer-promoter communication. <i>Molecular Cell</i> , 2011 , 42, 342-55	17.6	47
81	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, 4176-81	11.5	47
80	Reconstitution and transcriptional analysis of chromatin in vitro. <i>Methods in Enzymology</i> , 2004 , 377, 460-74	17.4	47
79	Linker Histone H1.2 cooperates with Cul4A and PAF1 to drive H4K31 ubiquitylation-mediated transactivation. <i>Cell Reports</i> , 2013 , 5, 1690-703	10.6	46
78	Role of OCA-B in 3RigH enhancer function. <i>Journal of Immunology</i> , 2000 , 164, 5306-12	5.3	46
77	Regulation of transcription by the MLL2 complex and MLL complex-associated AKAP95. <i>Nature Structural and Molecular Biology</i> , 2013 , 20, 1156-63	17.6	43
76	Dynamic interactions and cooperative functions of PGC-1alpha and MED1 in TRalpha-mediated activation of the brown-fat-specific UCP-1 gene. <i>Molecular Cell</i> , 2009 , 35, 755-68	17.6	43
75	Isolation and functional characterization of the TRAP/mediator complex. <i>Methods in Enzymology</i> , 2003 , 364, 257-84	1.7	41
74	Chromatin Kinases Act on Transcription Factors and Histone Tails in Regulation of Inducible Transcription. <i>Molecular Cell</i> , 2016 , 64, 347-361	17.6	40
73	Proteomic profiling identifies key coactivators utilized by mutant ER α proteins as potential new therapeutic targets. <i>Oncogene</i> , 2018 , 37, 4581-4598	9.2	39
72	Histone H3K27 trimethylation inhibits H3 binding and function of SET1-like H3K4 methyltransferase complexes. <i>Molecular and Cellular Biology</i> , 2013 , 33, 4936-46	4.8	39
71	Identification of a functional hotspot on ubiquitin required for stimulation of methyltransferase activity on chromatin. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, 10365-70	11.5	36
70	The TBN protein, which is essential for early embryonic mouse development, is an inducible TAFII implicated in adipogenesis. <i>Molecular Cell</i> , 2003 , 12, 991-1001	17.6	36
69	Impaired cell fate through gain-of-function mutations in a chromatin reader. <i>Nature</i> , 2020 , 577, 121-126	50.4	36

68	Histone H1 acetylation at lysine 85 regulates chromatin condensation and genome stability upon DNA damage. <i>Nucleic Acids Research</i> , 2018 , 46, 7716-7730	20.1	35
67	The acute myeloid leukemia fusion protein AML1-ETO targets E proteins via a paired amphipathic helix-like TBP-associated factor homology domain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006 , 103, 10242-10247	11.5	35
66	Enhancer-promoter communication and transcriptional regulation of Igh. <i>Trends in Immunology</i> , 2011 , 32, 532-9	14.4	32
65	The Mediator subunit MED1/TRAP220 is required for optimal glucocorticoid receptor-mediated transcription activation. <i>Nucleic Acids Research</i> , 2007 , 35, 6161-9	20.1	32
64	A Structural Model of the Endogenous Human BAF Complex Informs Disease Mechanisms. <i>Cell</i> , 2020 , 183, 802-817.e24	56.2	31
63	Direct link between metabolic regulation and the heat-shock response through the transcriptional regulator PGC-1. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, E5669-78	11.5	30
62	Roles of histone H3-lysine 4 methyltransferase complexes in NR-mediated gene transcription. <i>Progress in Molecular Biology and Translational Science</i> , 2009 , 87, 343-82	4	29
61	Nontranscriptional regulation of SYK by the coactivator OCA-B is required at multiple stages of B cell development. <i>Cell</i> , 2006 , 125, 761-74	56.2	29
60	The Histone Deacetylase SIRT6 Restrains Transcription Elongation via Promoter-Proximal Pausing. <i>Molecular Cell</i> , 2019 , 75, 683-699.e7	17.6	27
59	A TAF4 coactivator function for E proteins that involves enhanced TFIID binding. <i>Genes and Development</i> , 2013 , 27, 1596-609	12.6	26
58	The role of transcriptional coactivator TRAP220 in myelomonocytic differentiation. <i>Genes To Cells</i> , 2005 , 10, 1127-37	2.3	25
57	A noncanonical PPAR γ /RXRE binding sequence regulates leptin expression in response to changes in adipose tissue mass. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, E6039-E6047	11.5	24
56	Gene-Specific H1 Eviction through a Transcriptional Activator-p300-NAP1-H1 Pathway. <i>Molecular Cell</i> , 2019 , 74, 268-283.e5	17.6	23
55	The Mediator subunit MED23 couples H2B mono-ubiquitination to transcriptional control and cell fate determination. <i>EMBO Journal</i> , 2015 , 34, 2885-902	13	23
54	Gene-Specific Control of tRNA Expression by RNA Polymerase II. <i>Molecular Cell</i> , 2020 , 78, 765-778.e7	17.6	23
53	Identification of transcription coactivator OCA-B-dependent genes involved in antigen-dependent B cell differentiation by cDNA array analyses. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003 , 100, 8868-73	11.5	22
52	Upstream stimulating factor affects human immunodeficiency virus type 1 (HIV-1) long terminal repeat-directed transcription in a cell-specific manner, independently of the HIV-1 subtype and the core-negative regulatory element. <i>Journal of General Virology</i> , 2001 , 82, 547-559	4.9	21
51	The transcriptional mediator subunit MED1/TRAP220 in stromal cells is involved in hematopoietic stem/progenitor cell support through osteopontin expression. <i>Molecular and Cellular Biology</i> , 2010 , 30, 4818-27	4.8	20

50	Selective binding of the PHD6 finger of MLL4 to histone H4K16ac links MLL4 and MOF. <i>Nature Communications</i> , 2019 , 10, 2314	17.4	19
49	Core promoter-selective function of HMGA1 and Mediator in Initiator-dependent transcription. <i>Genes and Development</i> , 2011 , 25, 2513-24	12.6	19
48	The regulatory enzymes and protein substrates for the lysine ϵ -hydroxybutyrylation pathway. <i>Science Advances</i> , 2021 , 7,	14.3	19
47	Mediator: A Drawbridge across the Enhancer-Promoter Divide. <i>Molecular Cell</i> , 2016 , 64, 433-434	17.6	18
46	E2A-PBX1 functions as a coactivator for RUNX1 in acute lymphoblastic leukemia. <i>Blood</i> , 2020 , 136, 11-23.e2	16	16
45	Architecture of Pol II(G) and molecular mechanism of transcription regulation by Gdown1. <i>Nature Structural and Molecular Biology</i> , 2018 , 25, 859-867	17.6	16
44	ZBTB1 Regulates Asparagine Synthesis and Leukemia Cell Response to L-Asparaginase. <i>Cell Metabolism</i> , 2020 , 31, 852-861.e6	24.6	15
43	Nucleosomal H2B ubiquitylation with purified factors. <i>Methods</i> , 2011 , 54, 331-8	4.6	15
42	Genetic analyses of NFKB1 and OCA-B function: defects in B cells, serum IgM level, and antibody responses in Nfkb1-/-Oca-b-/- mice. <i>Journal of Immunology</i> , 2000 , 165, 6825-32	5.3	15
41	Regulation of RNA polymerase III transcription during transformation of human IMR90 fibroblasts with defined genetic elements. <i>Cell Cycle</i> , 2018 , 17, 605-615	4.7	15
40	Multivalent Role of Human TFIID in Recruiting Elongation Components at the Promoter-Proximal Region for Transcriptional Control. <i>Cell Reports</i> , 2019 , 26, 1303-1317.e7	10.6	11
39	MTA2/NuRD Regulates B Cell Development and Cooperates with OCA-B in Controlling the Pre-B to Immature B Cell Transition. <i>Cell Reports</i> , 2019 , 28, 472-485.e5	10.6	11
38	Transcription of in vitro assembled chromatin templates in a highly purified RNA polymerase II system. <i>Methods</i> , 2009 , 48, 353-60	4.6	11
37	Different roles of E proteins in t(8;21) leukemia: E2-2 compromises the function of AETFC and negatively regulates leukemogenesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 890-899	11.5	11
36	CCAR1/CoCoA pair-mediated recruitment of the Mediator defines a novel pathway for GATA1 function. <i>Genes To Cells</i> , 2014 , 19, 28-51	2.3	10
35	AID-RNA polymerase II transcription-dependent deamination of IgV DNA. <i>Nucleic Acids Research</i> , 2019 , 47, 10815-10829	20.1	9
34	Unique Immune Cell Coactivators Specify Locus Control Region Function and Cell Stage. <i>Molecular Cell</i> , 2020 , 80, 845-861.e10	17.6	9
33	Transcriptional elongation factor Paf1 core complex adopts a spirally wrapped solenoidal topology. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, 9998-10003	11.5	9

32	Functions of paralogous RNA polymerase III subunits POLR3G and POLR3GL in mouse development. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 15702-15711	11.5	8
31	Characterization of the core promoter of the Na ⁺ /K ⁽⁺⁾ -ATPase alpha 1 subunit gene. Elements required for transcription by RNA polymerase II and RNA polymerase III in vitro. <i>FEBS Journal</i> , 1996 , 237, 440-6		8
30	AFF1 acetylation by p300 temporally inhibits transcription during genotoxic stress response. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 22140-22151	11.5	8
29	Histone H3Q5 serotonylation stabilizes H3K4 methylation and potentiates its readout. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	8
28	Periostin supports hematopoietic progenitor cells and niche-dependent myeloblastoma cells in vitro. <i>Biochemical and Biophysical Research Communications</i> , 2016 , 478, 1706-12	3.4	7
27	DOT1L complex regulates transcriptional initiation in human erythroleukemic cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	7
26	Mediator subunit MED1 is required for E2A-PBX1-mediated oncogenic transcription and leukemic cell growth. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	5
25	The Long and the Short of BRD4: Two Tales in Breast Cancer. <i>Molecular Cell</i> , 2020 , 78, 993-995	17.6	4
24	Transcriptional down-regulation of metabolic genes by Gdown1 ablation induces quiescent cell re-entry into the cell cycle. <i>Genes and Development</i> , 2020 , 34, 767-784	12.6	3
23	Inhibition of Adhesion Molecule Gene Expression and Cell Adhesion by the Metabolic Regulator PGC-1. <i>PLoS ONE</i> , 2016 , 11, e0165598	3.7	3
22	SELECTIVE TRANSCRIPTION OF THE 5S RNA GENES IN ISOLATED CHROMATIN BY RNA POLYMERASE III 1976 , 223-242		3
21	OCT2 pre-positioning facilitates cell fate transition and chromatin architecture changes in humoral immunity. <i>Nature Immunology</i> , 2021 , 22, 1327-1340	19.1	3
20	Destabilization of AETFC through C/EBP-mediated repression of LYL1 contributes to t(8;21) leukemic cell differentiation. <i>Leukemia</i> , 2019 , 33, 1822-1827	10.7	2
19	Regulation of hepatocyte cell cycle re-entry by RNA polymerase II-associated Gdown1. <i>Cell Cycle</i> , 2020 , 19, 3222-3230	4.7	2
18	Chromatin and transcriptional tango on the immune dance floor. <i>Frontiers in Immunology</i> , 2014 , 5, 631	8.4	2
17	MCEF, the newest member of the AF4 family of transcription factors involved in leukemia, is a positive transcription elongation factor-b-associated protein 2002 , 9, 234		2
16	Transcription recycling assays identify PAF1 as a driver for RNA Pol II recycling. <i>Nature Communications</i> , 2021 , 12, 6318	17.4	2
15	Sumoylation of the human histone H4 tail inhibits p300-mediated transcription by RNA polymerase II in cellular extracts. <i>ELife</i> , 2021 , 10,	8.9	2

14	A histone-like motif in yellow fever virus contributes to viral replication		2
13	The CTD Is Not Essential for the Post-Initiation Control of RNA Polymerase II Activity. <i>Journal of Molecular Biology</i> , 2020 , 432, 5489-5498	6.5	2
12	Control of Secreted Protein Gene Expression and the Mammalian Secretome by the Metabolic Regulator PGC-1 β . <i>Journal of Biological Chemistry</i> , 2017 , 292, 43-50	5.4	1
11	A Novel N-Substituted Valine Derivative with Unique Peroxisome Proliferator-Activated Receptor α Binding Properties and Biological Activities. <i>Journal of Medicinal Chemistry</i> , 2020 , 63, 13124-13139	8.3	1
10	The HTLV-I Tax-Inducible Enhancer Is Responsive to Various Inducing Agents. <i>Annals of the New York Academy of Sciences</i> , 1989 , 567, 291-294	6.5	1
9	Critical roles of transcriptional coactivator MED1 in the formation and function of mouse adipose tissues. <i>Genes and Development</i> , 2021 , 35, 729-748	12.6	1
8	Efficacy of a small molecule inhibitor of the transcriptional cofactor PC4 in prevention and treatment of non-small cell lung cancer. <i>PLoS ONE</i> , 2020 , 15, e0230670	3.7	1
7	A PRC2-Kdm5b axis sustains tumorigenicity of acute myeloid leukemia.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022 , 119,	11.5	1
6	PML-RAR α induces all-trans retinoic acid-dependent transcriptional activation through interaction with MED1. <i>Transcription</i> , 2019 , 10, 147-156	4.8	
5	The Role of Transcriptional Coactivator TRAP220/MED1 in Nuclear Receptor-Mediated Myelomonocytic Differentiation.. <i>Blood</i> , 2005 , 106, 2727-2727	2.2	
4	The Deletion of NHR1 Region of the AML1-ETO Protein Significantly Decreases Its Ability To Promote Proliferation and Self-Renewal of Early Hematopoietic Cells in Culture.. <i>Blood</i> , 2006 , 108, 2550-2550	2.2	
3	The Three E Proteins Define a Heterogeneity of the AML1-ETO-Containing Transcription Factor Complex (AETFC) and Differentially Regulate t(8;21) Leukemogenesis. <i>Blood</i> , 2018 , 132, 5247-5247	2.2	
2	An OCT2 / OCA-B / MEF2B Ternary Complex Controls the Activity and Architecture of an Essential Locus Control Region for Normal and Malignant Germinal Center B-Cells. <i>Blood</i> , 2019 , 134, 24-24	2.2	
1	Transcriptional Regulatory Mechanisms in Animal Cells. <i>FASEB Journal</i> , 2010 , 24, 186.3	0.9	