Robert G Roeder

List of Publications by Year
in descending order

194 papers	32,448 citations	3933 88 h-index	4228 174 g-index
199 all docs	199 docs citations	199 times ranked	25830 citing authors

#	Article	IF	Citations
1	Activation of p53 Sequence-Specific DNA Binding by Acetylation of the p53 C-Terminal Domain. Cell, 1997, 90, 595-606.	28.9	2,376
2	Coactivator condensation at super-enhancers links phase separation and gene control. Science, 2018, 361, .	12.6	1,687
3	Metabolic regulation of gene expression by histone lactylation. Nature, 2019, 574, 575-580.	27.8	1,308
4	Multiple Forms of DNA-dependent RNA Polymerase in Eukaryotic Organisms. Nature, 1969, 224, 234-237.	27.8	918
5	Selective and accurate initiation of transcription at the ad2 major late promotor in a soluble system dependent on purified rna polymerase ii and dna. Cell, 1979, 18, 469-484.	28.9	743
6	The metazoan Mediator co-activator complex as an integrative hub for transcriptional regulation. Nature Reviews Genetics, 2010, 11, 761-772.	16.3	606
7	Physical Association and Coordinate Function of the H3 K4 Methyltransferase MLL1 and the H4 K16 Acetyltransferase MOF. Cell, 2005, 121, 873-885.	28.9	584
8	Crystal structure of a TFIIBâ€“TBPâ€“TATA-element ternary complex. Nature, 1995, 377, 119-128.	27.8	543
9	Transcription factor ATF interacts with the TATA factor to facilitate establishment of a preinitiation complex. Cell, 1988, 54, 1033-1042.	28.9	498
10	Cooperative interaction of an initiator-binding transcription initiation factor and the helixâ€“loopâ€“helix activator USF. Nature, 1991, 354, 245-248.	27.8	494
11	Chemically ubiquitylated histone H2B stimulates hDot1L-mediated intranucleosomal methylation. Nature, 2008, 453, 812-816.	27.8	494
12	S Phase Activation of the Histone H2B Promoter by OCA-S, a Coactivator Complex that Contains GAPDH as a Key Component. Cell, 2003, 114, 255-266.	28.9	490
13	RAD6-Mediated Transcription-Coupled H2B Ubiquitylation Directly Stimulates H3K4 Methylation in Human Cells. Cell, 2009, 137, 459-471.	28.9	453
14	Ordered Cooperative Functions of PRMT1, p300, and CARM1 in Transcriptional Activation by p53. Cell, 2004, 117, 735-748.	28.9	445
15	Intracellular Crotonyl-CoA Stimulates Transcription through p300-Catalyzed Histone Crotonylation. Molecular Cell, 2015, 58, 203-215.	9.7	434
16	Crystal structure of TFIID TATA-box binding protein. Nature, 1992, 360, 40-46.	27.8	430
17	Binding of transcription factor TFIID to the major late promoter during in vitro nucleosome assembly potentiates subsequent initiation by RNA polymerase II. Cell, 1987, 51, 613-622.	28.9	412
18	Regulation of TFIIH ATPase and kinase activities by TFIIE during active initiation complex formation. Nature, 1994, 368, 160-163.	27.8	412

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19	A human lymphoid- specific transcription factor that activates immunoglobulin genes is a homoeobox protein. Nature, 1988, 336, 551-557.	27.8	410
20	Metabolic Regulation of Gene Expression by Histone Lysine Î²-Hydroxybutyrylation. Molecular Cell, 2016, 62, 194-206.	9.7	406
21	Regulation of the p300 HAT domain via a novel activation loop. Nature Structural and Molecular Biology, 2004, 11, 308-315.	8.2	374
22	Highly conserved core domain and unique N terminus with presumptive regulatory motifs in a human TATA factor (TFIID). Nature, 1990, 346, 387-390.	27.8	370
23	Purification, cloning, and characterization of a human coactivator, PC4, that mediates transcriptional activation of class II genes. Cell, 1994, 78, 513-523.	28.9	369
24	H3K4me3 Interactions with TAF3 Regulate Preinitiation Complex Assembly and Selective Gene Activation. Cell, 2013, 152, 1021-1036.	28.9	353
25	Transcriptional regulation through Mediator-like coactivators in yeast and metazoan cells. Trends in Biochemical Sciences, 2000, 25, 277-283.	7.5	345
26	Dynamic regulation of pol II transcription by the mammalian Mediator complex. Trends in Biochemical Sciences, 2005, 30, 256-263.	7.5	342
27	Xenopus 5S gene transcription factor, TFIIIA: Characterization of a cDNA clone and measurement of RNA levels throughout development. Cell, 1984, 39, 479-489.	28.9	337
28	Activation of class II gene transcription by regulatory factors is potentiated by a novel activity. Cell, 1991, 66, 981-993.	28.9	337
29	Family of proteins that interact with TFIID and regulate promoter activity. Cell, 1991, 67, 557-567.	28.9	333
30	Cloning and structure of a yeast gene encoding a general transcription initiation factor TFIID that binds to the TATA box. Nature, 1989, 341, 299-303.	27.8	323
31	Histone serotonylation is a permissive modification that enhances TFIID binding to H3K4me3. Nature, 2019, 567, 535-539.	27.8	292
32	Transcription coactivator TRAP220 is required for PPARÎ³2-stimulated adipogenesis. Nature, 2002, 417, 563-567.	27.8	290
33	Role for Dpy-30 in ES Cell-Fate Specification by Regulation of H3K4 Methylation within Bivalent Domains. Cell, 2011, 144, 513-525.	28.9	282
34	30Ânm Chromatin Fibre Decompaction Requires both H4-K16 Acetylation and Linker Histone Eviction. Journal of Molecular Biology, 2008, 381, 816-825.	4.2	280
35	A novel B cell-derived coactivator potentiates the activation of immunoglobulin promoters by octamer-binding transcription factors. Cell, 1992, 71, 231-241.	28.9	278
36	Involvement of the TRAP220 Component of the TRAP/SMCC Coactivator Complex in Embryonic Development and Thyroid Hormone Action. Molecular Cell, 2000, 5, 683-693.	9.7	276

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37	The Human Homolog of Yeast BRE1 Functions as a Transcriptional Coactivator through Direct Activator Interactions. Molecular Cell, 2005, 20, 759-770.	9.7	274
38	Molecular Coupling of Histone Crotonylation and Active Transcription by AF9 YEATS Domain. Molecular Cell, 2016, 62, 181-193.	9.7	271
39	Transcriptional regulation and the role of diverse coactivators in animal cells. FEBS Letters, 2005, 579, 909-915.	2.8	266
40	Direct role for Myc in transcription initiation mediated by interactions with TFII-I. Nature, 1993, 365, 359-361.	27.8	260
41	Enhanced processivity of RNA polymerase II triggered by Tat-induced phosphorylation of its carboxy-terminal domain. Nature, 1996, 384, 375-378.	27.8	257
42	A Novel Human SRB/MED-Containing Cofactor Complex, SMCC, Involved in Transcription Regulation. Molecular Cell, 1999, 3, 97-108.	9.7	254
43	Structural similarity between TAFs and the heterotetrameric core of the histone octamer. Nature, 1996, 380, 316-322.	27.8	251
44	Topology and reorganization of a human TFIIDâ€“promoter complex. Nature, 1996, 382, 735-738.	27.8	246
45	The B-cell-specific transcription coactivator OCA-B/OBF-1/Bob-1 is essential for normal production of immunoglobulin isotypes. Nature, 1996, 383, 542-547.	27.8	238
46	The TRAP/SMCC/Mediator complex and thyroid hormone receptor function. Trends in Endocrinology and Metabolism, 2001, 12, 127-134.	7.1	232
47	A Unified Nomenclature for Protein Subunits of Mediator Complexes Linking Transcriptional Regulators to RNA Polymerase II. Molecular Cell, 2004, 14, 553-557.	9.7	230
48	Coordination of p300-Mediated Chromatin Remodeling and TRAP/Mediator Function through Coactivator PGC-1Î±. Molecular Cell, 2003, 12, 1137-1149.	9.7	222
49	The Human PAF1 Complex Acts in Chromatin Transcription Elongation Both Independently and Cooperatively with SII/TFIIS. Cell, 2010, 140, 491-503.	28.9	222
50	Formation of a rate-limiting intermediate in 5S RNA gene transcription. Cell, 1985, 40, 119-127.	28.9	219
51	<i>CREBBP</i> Inactivation Promotes the Development of HDAC3-Dependent Lymphomas. Cancer Discovery, 2017, 7, 38-53.	9.4	218
52	Dynamic Competing Histone H4 K5K8 Acetylation and Butyrylation Are Hallmarks of Highly Active Gene Promoters. Molecular Cell, 2016, 62, 169-180.	9.7	215
53	The p250 subunit of native TATA box-binding factor TFIID is the cell-cycle regulatory protein CCG1. Nature, 1993, 362, 179-181.	27.8	202
54	Transcriptional regulation by the immediate early protein of pseudorabies virus during in vitro nucleosome assembly. Cell, 1988, 55, 211-219.	28.9	198

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55	Activator-Dependent Transcription from Chromatin In Vitro Involving Targeted Histone Acetylation by p300. Molecular Cell, 2000, 6, 551-561.	9.7	196
56	Tumor suppressor p53 cooperates with SIRT6 to regulate gluconeogenesis by promoting FoxO1 nuclear exclusion. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 10684-10689.	7.1	193
57	RNA polymerase IIâ€“associated factor 1 regulates the release and phosphorylation of paused RNA polymerase II. Science, 2015, 350, 1383-1386.	12.6	189
58	Multiple Interactions Recruit MLL1 and MLL1 Fusion Proteins to the HOXA9 Locus in Leukemogenesis. Molecular Cell, 2010, 38, 853-863.	9.7	186
59	A histone octamer-like structure within TFIID. Nature, 1996, 380, 356-359.	27.8	184
60	E Protein Silencing by the Leukemogenic AML1-ETO Fusion Protein. Science, 2004, 305, 1286-1289.	12.6	183
61	An alternative pathway for transcription initiation involving TFII-I. Nature, 1993, 365, 355-359.	27.8	176
62	A UTX-MLL4-p300 Transcriptional Regulatory Network Coordinately Shapes Active Enhancer Landscapes for Eliciting Transcription. Molecular Cell, 2017, 67, 308-321.e6.	9.7	172
63	Arabidopsis thaliana contains two genes for TFIID. Nature, 1990, 346, 390-394.	27.8	170
64	AF10 Regulates Progressive H3K79 Methylation and HOX Gene Expression in Diverse AML Subtypes. Cancer Cell, 2014, 26, 896-908.	16.8	153
65	Coactivator as a target gene specificity determinant for histone H3 lysine 4 methyltransferases. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 15392-15397.	7.1	148
66	SET1 and p300 Act Synergistically, through Coupled Histone Modifications, in Transcriptional Activation by p53. Cell, 2013, 154, 297-310.	28.9	147
67	Control of transcription by KrÃ¼ppel through interactions with TFIIB and TFIIEÎ². Nature, 1995, 375, 162-164.	27.8	144
68	50+ years of eukaryotic transcription: an expanding universe of factors and mechanisms. Nature Structural and Molecular Biology, 2019, 26, 783-791.	8.2	143
69	The TRAP/Mediator coactivator complex interacts directly with estrogen receptors Â and Â through the TRAP220 subunit and directly enhances estrogen receptor function in vitro. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 2642-2647.	7.1	140
70	Functional cooperativity between protein molecules bound at two distinct sequence elements of the immunoglobulin heavy-chain promoter. Nature, 1989, 337, 573-576.	27.8	136
71	A downstream initiation element required for efficient TATA box binding and in vitro function of TFIID. Nature, 1990, 348, 86-88.	27.8	135
72	Accurate transcription initiation on a purified mouse Î²-globin DNA fragment in a cell-free system. Cell, 1980, 20, 691-699.	28.9	134

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73	A stable transcription factor complex nucleated by oligomeric AML1â€“ETO controls leukaemogenesis. Nature, 2013, 500, 93-97.	27.8	134
74	CCAR1, a Key Regulator of Mediator Complex Recruitment to Nuclear Receptor Transcription Complexes. Molecular Cell, 2008, 31, 510-519.	9.7	133
75	RUNX1 Is a Key Target in t(4;11) Leukemias that Contributes to Gene Activation through an AF4-MLL Complex Interaction. Cell Reports, 2013, 3, 116-127.	6.4	130
76	p300-Mediated Lysine 2-Hydroxyisobutyrylation Regulates Glycolysis. Molecular Cell, 2018, 70, 663-678.e6.	9.7	126
77	Effects of activation-defective TBP mutations on transcription initiation in yeast. Nature, 1994, 369, 252-255.	27.8	123
78	Molecular cloning of Drosophila TFIID subunits. Nature, 1994, 367, 484-487.	27.8	118
79	The USA-Derived Transcriptional Coactivator PC2 Is a Submodule of TRAP/SMCC and Acts Synergistically with Other PCs. Molecular Cell, 2000, 5, 753-760.	9.7	118
80	Requirement of TRAP/Mediator for Both Activator-Independent and Activator-Dependent Transcription in Conjunction with TFIID-Associated TAF II s. Molecular and Cellular Biology, 2002, 22, 2842-2852.	2.3	117
81	Direct Bre1-Paf1 Complex Interactions and RING Finger-independent Bre1-Rad6 Interactions Mediate Histone H2B Ubiquitylation in Yeast. Journal of Biological Chemistry, 2009, 284, 20582-20592.	3.4	111
82	Reconstitution of active human core Mediator complex reveals a critical role of the MED14 subunit. Nature Structural and Molecular Biology, 2014, 21, 1028-1034.	8.2	109
83	Self-Enforcing Feedback Activation between BCL6 and Pre-B Cell Receptor Signaling Defines a Distinct Subtype of Acute Lymphoblastic Leukemia. Cancer Cell, 2015, 27, 409-425.	16.8	109
84	DND1 maintains germline stem cells via recruitment of the CCR4â€“NOT complex to target mRNAs. Nature, 2017, 543, 568-572.	27.8	109
85	Structural motifs and potential a homologies in the large subunit of human general transcription factor TFIIE. Nature, 1991, 354, 398-401.	27.8	105
86	Selective Inhibition of HDAC3 Targets Synthetic Vulnerabilities and Activates Immune Surveillance in Lymphoma. Cancer Discovery, 2020, 10, 440-459.	9.4	103
87	A Structural Model of the Endogenous Human BAF Complex Informs Disease Mechanisms. Cell, 2020, 183, 802-817.e24.	28.9	100
88	Alternative Mechanisms by Which Mediator Subunit MED1/TRAP220 Regulates Peroxisome Proliferator-Activated Receptor Î³-Stimulated Adipogenesis and Target Gene Expression. Molecular and Cellular Biology, 2008, 28, 1081-1091.	2.3	99
89	Selective Requirements for Histone H3 and H4 N Termini in p300-Dependent Transcriptional Activation from Chromatin. Molecular Cell, 2002, 9, 811-821.	9.7	98
90	Conserved sequence motifs in the small subunit of human general transcription factor TFIIE. Nature, 1991, 354, 401-404.	27.8	93

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91	PTEN Represses RNA Polymerase III-Dependent Transcription by Targeting the TFIIIB Complex. Molecular and Cellular Biology, 2008, 28, 4204-4214.	2.3	93
92	PRDM16 enhances nuclear receptor-dependent transcription of the brown fat-specific <i>Ucp1</i> gene through interactions with Mediator subunit MED1. Genes and Development, 2015, 29, 308-321.	5.9	91
93	The mediator complex functions as a coactivator for GATA-1 in erythropoiesis via subunit Med1/TRAP220. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 18504-18509.	7.1	89
94	TRAP/SMCC/Mediator-Dependent Transcriptional Activation from DNA and Chromatin Templates by Orphan Nuclear Receptor Hepatocyte Nuclear Factor 4. Molecular and Cellular Biology, 2002, 22, 5626-5637.	2.3	88
95	Structural and Functional Organization of TRAP220, the TRAP/Mediator Subunit That Is Targeted by Nuclear Receptors. Molecular and Cellular Biology, 2004, 24, 8244-8254.	2.3	88
96	EZH2 noncanonically binds cMyc and p300 through a cryptic transactivation domain to mediate gene activation and promote oncogenesis. Nature Cell Biology, 2022, 24, 384-399.	10.3	88
97	RNF20 Inhibits TFIIS-Facilitated Transcriptional Elongation to Suppress Pro-oncogenic Gene Expression. Molecular Cell, 2011, 42, 477-488.	9.7	87
98	Mediator-dependent nuclear receptor function. Seminars in Cell and Developmental Biology, 2011, 22, 749-758.	5.0	87
99	The regulatory enzymes and protein substrates for the lysine Î²-hydroxybutyrylation pathway. Science Advances, 2021, 7, .	10.3	87
100	Synergistic Functions of SII and p300 in Productive Activator-Dependent Transcription of Chromatin Templates. Cell, 2006, 125, 275-286.	28.9	86
101	Functional dissection of TFIIB domains required for TFIIBâ€“TFIIDâ€“promoter complex formation and basal transcription activity. Nature, 1993, 363, 744-747.	27.8	85
102	Involvement of TFIID and USA Components in Transcriptional Activation of the Human Immunodeficiency Virus Promoter by NF-ÎºB and Sp1. Molecular and Cellular Biology, 1998, 18, 3234-3244.	2.3	85
103	Impaired cell fate through gain-of-function mutations in a chromatin reader. Nature, 2020, 577, 121-126.	27.8	84
104	A Mediator-responsive form of metazoan RNA polymerase II. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 9506-9511.	7.1	78
105	JMJD1C is required for the survival of acute myeloid leukemia by functioning as a coactivator for key transcription factors. Genes and Development, 2015, 29, 2123-2139.	5.9	76
106	A muscle-specific knockout implicates nuclear receptor coactivator MED1 in the regulation of glucose and energy metabolism. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 10196-10201.	7.1	74
107	Key roles for MED1 LxxLL motifs in pubertal mammary gland development and luminal-cell differentiation. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 6765-6770.	7.1	70
108	RNA Polymerase III Transcription Repressed by Rb through Its Interactions with TFIIIB and TFIIIC2. Journal of Biological Chemistry, 1997, 272, 14755-14761.	3.4	69

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109	Transcriptional Regulation by Pol II(G) Involving Mediator and Competitive Interactions of Gdown1 and TFIIF with Pol II. Molecular Cell, 2012, 45, 51-63.	9.7	68
110	Thyroid Hormone-Induced Juxtaposition of Regulatory Elements/Factors and Chromatin Remodeling of Crabp1 Dependent on MED1/TRAP220. Molecular Cell, 2005, 19, 643-653.	9.7	66
111	Activator-dependent transcription by mammalian RNA polymerase II: In vitro reconstitution with general transcription factors and cofactors. Methods in Enzymology, 1996, 274, 57-71.	1.0	63
112	MED14 Tethers Mediator to the N-Terminal Domain of Peroxisome Proliferator-Activated Receptor Î³ and Is Required for Full Transcriptional Activity and Adipogenesis. Molecular and Cellular Biology, 2010, 30, 2155-2169.	2.3	63
113	Two isoforms of human RNA polymerase III with specific functions in cell growth and transformation. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 4176-4181.	7.1	62
114	The eukaryotic transcriptional machinery: complexities and mechanisms unforeseen. Nature Medicine, 2003, 9, 1239-1244.	30.7	61
115	Histone H3K27 Trimethylation Inhibits H3 Binding and Function of SET1-Like H3K4 Methyltransferase Complexes. Molecular and Cellular Biology, 2013, 33, 4936-4946.	2.3	61
116	Cell growth- and differentiation-dependent regulation of RNA polymerase III transcription. Cell Cycle, 2010, 9, 3711-3723.	2.6	59
117	Linker Histone H1.2 Cooperates with Cul4A and PAF1 to Drive H4K31ÂUbiquitylation-Mediated Transactivation. Cell Reports, 2013, 5, 1690-1703.	6.4	58
118	Chromatin Kinases Act on Transcription Factors and Histone Tails in Regulation of Inducible Transcription. Molecular Cell, 2016, 64, 347-361.	9.7	58
119	Direct Interactions of OCA-B and TFII-I Regulate Immunoglobulin Heavy-Chain Gene Transcription by Facilitating Enhancer-Promoter Communication. Molecular Cell, 2011, 42, 342-355.	9.7	56
120	Histone H1 acetylation at lysine 85 regulates chromatin condensation and genome stability upon DNA damage. Nucleic Acids Research, 2018, 46, 7716-7730.	14.5	56
121	Dynamic Interactions and Cooperative Functions of PGC-1Î± and MED1 in TRÎ±-Mediated Activation of the Brown-Fat-Specific UCP-1 Gene. Molecular Cell, 2009, 35, 755-768.	9.7	55
122	Enhancerâ€"promoter communication and transcriptional regulation of Igh. Trends in Immunology, 2011, 32, 532-539.	6.8	54
123	The Mediator subunit MED1/TRAP220 is required for optimal glucocorticoid receptor-mediated transcription activation. Nucleic Acids Research, 2007, 35, 6161-6169.	14.5	53
124	Reconstitution and Transcriptional Analysis of Chromatin In Vitro. Methods in Enzymology, 2003, 377, 460-474.	1.0	52
125	Regulation of transcription by the MLL2 complex and MLL complexâ€"associated AKAP95. Nature Structural and Molecular Biology, 2013, 20, 1156-1163.	8.2	51
126	Proteomic profiling identifies key coactivators utilized by mutant ERÎ± proteins as potential new therapeutic targets. Oncogene, 2018, 37, 4581-4598.	5.9	51

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127	Role of OCA-B in 3â€²-IgH Enhancer Function. Journal of Immunology, 2000, 164, 5306-5312.	0.8	50
128	The Histone Deacetylase SIRT6 Restrains Transcription Elongation via Promoter-Proximal Pausing. Molecular Cell, 2019, 75, 683-699.e7.	9.7	50
129	Positive and Negative TAF II Functions That Suggest a Dynamic TFIID Structure and Elicit Synergy with TRAPs in Activator-Induced Transcription. Molecular and Cellular Biology, 2001, 21, 6882-6894.	2.3	49
130	Gene-Specific Control of tRNA Expression by RNA Polymerase II. Molecular Cell, 2020, 78, 765-778.e7.	9.7	48
131	Isolation and Functional Characterization of the TRAP/Mediator Complex. Methods in Enzymology, 2003, 364, 257-284.	1.0	44
132	Identification of a functional hotspot on ubiquitin required for stimulation of methyltransferase activity on chromatin. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 10365-10370.	7.1	44
133	The TBN Protein, which Is Essential for Early Embryonic Mouse Development, Is an Inducible TAFII Implicated In Adipogenesis. Molecular Cell, 2003, 12, 991-1001.	9.7	40
134	The acute myeloid leukemia fusion protein AML1-ETO targets E proteins via a paired amphipathic helix-like TBP-associated factor homology domain. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 10242-10247.	7.1	40
135	Selective binding of the PHD6 finger of MLL4 to histone H4K16ac links MLL4 and MOF. Nature Communications, 2019, 10, 2314.	12.8	40
136	ZBTB1 Regulates Asparagine Synthesis and Leukemia Cell Response to L-Asparaginase. Cell Metabolism, 2020, 31, 852-861.e6.	16.2	40
137	Direct link between metabolic regulation and the heat-shock response through the transcriptional regulator PGC-1Î±. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E5669-78.	7.1	38
138	Gene-Specific H1 Eviction through a Transcriptional Activatorâ†’p300â†’NAP1â†’H1 Pathway. Molecular Cell, 2019, 74, 268-283.e5.	9.7	35
139	Nontranscriptional Regulation of SYK by the Coactivator OCA-B Is Required at Multiple Stages of B Cell Development. Cell, 2006, 125, 761-774.	28.9	34
140	E2A-PBX1 functions as a coactivator for RUNX1 in acute lymphoblastic leukemia. Blood, 2020, 136, 11-23.	1.4	33
141	Chapter 10 Roles of Histone H3â€Lysine 4 Methyltransferase Complexes in NRâ€Mediated Gene Transcription. Progress in Molecular Biology and Translational Science, 2009, 87, 343-382.	1.7	32
142	Architecture of Pol II(G) and molecular mechanism of transcription regulation by Gdown1. Nature Structural and Molecular Biology, 2018, 25, 859-867.	8.2	31
143	A TAF4 coactivator function for E proteins that involves enhanced TFIID binding. Genes and Development, 2013, 27, 1596-1609.	5.9	30
144	The <scp>M</scp>ediator subunit <scp>MED</scp>23 couples H2B monoâ€ubiquitination to transcriptional control and cell fate determination. EMBO Journal, 2015, 34, 2885-2902.	7.8	29

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145	Core promoter-selective function of HMGA1 and Mediator in Initiator-dependent transcription. Genes and Development, 2011, 25, 2513-2524.	5.9	28
146	MTA2/NuRD Regulates B Cell Development and Cooperates with OCA-B in Controlling the Pre-B to Immature B Cell Transition. Cell Reports, 2019, 28, 472-485.e5.	6.4	28
147	The role of transcriptional coactivator TRAP220 in myelomonocytic differentiation. Genes To Cells, 2005, 10, 1127-1137.	1.2	27
148	Mediator: A Drawbridge across the Enhancer-Promoter Divide. Molecular Cell, 2016, 64, 433-434.	9.7	27
149	A noncanonical PPARÎ³/RXRÎ±-binding sequence regulates leptin expression in response to changes in adipose tissue mass. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E6039-E6047.	7.1	27
150	Histone H3Q5 serotonylation stabilizes H3K4 methylation and potentiates its readout. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	27
151	Identification of transcription coactivator OCA-B-dependent genes involved in antigen-dependent B cell differentiation by cDNA array analyses. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 8868-8873.	7.1	26
152	DOT1L complex regulates transcriptional initiation in human erythroleukemic cells. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	26
153	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. Journal of General Virology, 2001, 82, 547-559.	2.9	25
154	Nucleosomal H2B ubiquitylation with purified factors. Methods, 2011, 54, 331-338.	3.8	23
155	AIDâ€"RNA polymerase II transcription-dependent deamination of IgV DNA. Nucleic Acids Research, 2019, 47, 10815-10829.	14.5	23
156	Functions of paralogous RNA polymerase III subunits POLR3G and POLR3GL in mouse development. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 15702-15711.	7.1	22
157	The Transcriptional Mediator Subunit MED1/TRAP220 in Stromal Cells Is Involved in Hematopoietic Stem/Progenitor Cell Support through Osteopontin Expression. Molecular and Cellular Biology, 2010, 30, 4818-4827.	2.3	21
158	Unique Immune Cell Coactivators Specify Locus Control Region Function and Cell Stage. Molecular Cell, 2020, 80, 845-861.e10.	9.7	21
159	Regulation of RNA polymerase III transcription during transformation of human IMR90 fibroblasts with defined genetic elements. Cell Cycle, 2018, 17, 605-615.	2.6	21
160	Transcriptional elongation factor Paf1 core complex adopts a spirally wrapped solenoidal topology. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 9998-10003.	7.1	20
161	Multivalent Role of Human TFIID in Recruiting Elongation Components at the Promoter-Proximal Region for Transcriptional Control. Cell Reports, 2019, 26, 1303-1317.e7.	6.4	18
162	Different roles of E proteins in t(8;21) leukemia: E2-2 compromises the function of AETFC and negatively regulates leukemogenesis. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 890-899.	7.1	18

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163	Mediator subunit MED1 is required for E2A-PBX1â€"mediated oncogenic transcription and leukemic cell growth. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	17
164	Genetic Analyses of NFKB1 and OCA-B Function: Defects in B Cells, Serum IgM Level, and Antibody Responses in Nfkb1â^’/â^’Oca-bâ^’/â^’ Mice. Journal of Immunology, 2000, 165, 6825-6832.	0.8	16
165	AFF1 acetylation by p300 temporally inhibits transcription during genotoxic stress response. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 22140-22151.	7.1	15
166	Sumoylation of the human histone H4 tail inhibits p300-mediated transcription by RNA polymerase II in cellular extracts. ELife, 2021, 10, .	6.0	12
167	Transcription of in vitro assembled chromatin templates in a highly purified RNA polymerase II system. Methods, 2009, 48, 353-360.	3.8	11
168	<scp>CCAR</scp>1/<scp>C</scp>o<scp>C</scp>o<scp>A</scp> pairâ€mediated recruitment of the Mediator defines a novel pathway for <scp>GATA</scp>1 function. Genes To Cells, 2014, 19, 28-51.	1.2	11
169	OCT2 pre-positioning facilitates cell fate transition and chromatin architecture changes in humoral immunity. Nature Immunology, 2021, 22, 1327-1340.	14.5	11
170	MCEF, the Newest Member of the AF4 Family of Transcription Factors Involved in Leukemia, Is a Positive Transcription Elongation Factor-b-Associated Protein. Journal of Biomedical Science, 2002, 9, 234-245.	7.0	11
171	A PRC2-Kdm5b axis sustains tumorigenicity of acute myeloid leukemia. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	7.1	11
172	The Long and the Short of BRD4: Two Tales in Breast Cancer. Molecular Cell, 2020, 78, 993-995.	9.7	9
173	Characterization of the Core Promoter of the Na+/K+-ATPase alpha1 Subunit Gene. Elements required for transcription by RNA polymerase II and RNA polymerase III in vitro. FEBS Journal, 1996, 237, 440-446.	0.2	8
174	Periostin supports hematopoietic progenitor cells and niche-dependent myeloblastoma cells inÂvitro. Biochemical and Biophysical Research Communications, 2016, 478, 1706-1712.	2.1	7
175	A Novel N-Substituted Valine Derivative with Unique Peroxisome Proliferator-Activated Receptor Î³ Binding Properties and Biological Activities. Journal of Medicinal Chemistry, 2020, 63, 13124-13139.	6.4	7
176	The CTD Is Not Essential for the Post-Initiation Control of RNA Polymerase II Activity. Journal of Molecular Biology, 2020, 432, 5489-5498.	4.2	6
177	SELECTIVE TRANSCRIPTION OF THE 5S RNA GENES IN ISOLATED CHROMATIN BY RNA POLYMERASE III. , 1976, , 223-242.		6
178	Destabilization of AETFC through C/EBPÎ±-mediated repression of LYL1 contributes to t(8;21) leukemic cell differentiation. Leukemia, 2019, 33, 1822-1827.	7.2	5
179	Transcriptional down-regulation of metabolic genes by Gdown1 ablation induces quiescent cell re-entry into the cell cycle. Genes and Development, 2020, 34, 767-784.	5.9	5
180	Critical roles of transcriptional coactivator MED1 in the formation and function of mouse adipose tissues. Genes and Development, 2021, 35, 729-748.	5.9	5

#	Article	IF	Citations
181	Regulation of hepatocyte cell cycle re-entry by RNA polymerase II-associated Gdown1. Cell Cycle, 2020, 19, 3222-3230.	2.6	4
182	Transcription recycling assays identify PAF1 as a driver for RNA Pol II recycling. Nature Communications, 2021, 12, 6318.	12.8	4
183	Inhibition of Adhesion Molecule Gene Expression and Cell Adhesion by the Metabolic Regulator PGC-1Î±. PLoS ONE, 2016, 11, e0165598.	2.5	3
184	Chromatin and Transcriptional Tango on the Immune Dance Floor. Frontiers in Immunology, 2014, 5, 631.	4.8	2
185	Efficacy of a small molecule inhibitor of the transcriptional cofactor PC4 in prevention and treatment of non-small cell lung cancer. PLoS ONE, 2020, 15, e0230670.	2.5	2
186	Phosphorylated MED1 links transcription recycling and cancer growth. Nucleic Acids Research, 2022, 50, 4450-4463.	14.5	2
187	The HTLV-I Tax-Inducible Enhancer Is Responsive to Various Inducing Agents. Annals of the New York Academy of Sciences, 1989, 567, 291-294.	3.8	1
188	Control of Secreted Protein Gene Expression and the Mammalian Secretome by the Metabolic Regulator PGC-1Î±. Journal of Biological Chemistry, 2017, 292, 43-50.	3.4	1
189	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. Blood, 2019, 134, 24-24.	1.4	1
190	PMLâ€“RARÎ± induces all-trans retinoic acid-dependent transcriptional activation through interaction with MED1. Transcription, 2019, 10, 147-156.	3.1	0
191	The Role of Transcriptional Coactivator TRAP220/MED1 in Nuclear Receptor-Mediated Myelomonocytic Differentiation.. Blood, 2005, 106, 2727-2727.	1.4	0
192	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.. Blood, 2006, 108, 2550-2550.	1.4	0
193	Transcriptional Regulatory Mechanisms in Animal Cells. FASEB Journal, 2010, 24, 186.3.	0.5	0
194	The Three E Proteins Define a Heterogeneity of the AML1-ETO-Containing Transcription Factor Complex (AETFC) and Differentially Regulate t(8;21) Leukemogenesis. Blood, 2018, 132, 5247-5247.	1.4	0