

# Walter Schaffner

## List of Publications by Citations

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142  
papers

16,625  
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58  
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128  
g-index

146  
ext. papers

17,300  
ext. citations

15.2  
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6.08  
L-index

#	Paper	IF	Citations
142	Rapid detection of octamer binding proteins with Rnini-extractsR prepared from a small number of cells. <i>Nucleic Acids Research</i> , <b>1989</b> , 17, 6419	20.1	3646
141	Expression of a beta-globin gene is enhanced by remote SV40 DNA sequences. <i>Cell</i> , <b>1981</b> , 27, 299-308	56.2	1459
140	A lymphocyte-specific cellular enhancer is located downstream of the joining region in immunoglobulin heavy chain genes. <i>Cell</i> , <b>1983</b> , 33, 729-40	56.2	1434
139	Enhancers and eukaryotic gene transcription. <i>Trends in Genetics</i> , <b>1985</b> , 1, 224-230	8.5	563
138	A cloned octamer transcription factor stimulates transcription from lymphoid-specific promoters in non-B cells. <i>Nature</i> , <b>1988</b> , 336, 544-51	50.4	506
137	A lymphocyte-specific enhancer in the mouse immunoglobulin kappa gene. <i>Nature</i> , <b>1984</b> , 307, 80-2	50.4	429
136	A small segment of polyoma virus DNA enhances the expression of a cloned beta-globin gene over a distance of 1400 base pairs. <i>Nucleic Acids Research</i> , <b>1981</b> , 9, 6251-64	20.1	354
135	A B-cell coactivator of octamer-binding transcription factors. <i>Nature</i> , <b>1995</b> , 373, 360-2	50.4	280
134	OVEC, a versatile system to study transcription in mammalian cells and cell-free extracts. <i>Nucleic Acids Research</i> , <b>1987</b> , 15, 6787-98	20.1	276
133	Polyoma virus DNA replication requires an enhancer. <i>Nature</i> , <b>1984</b> , 312, 242-6	50.4	259
132	An SV40 "enhancer trap" incorporates exogenous enhancers or generates enhancers from its own sequences. <i>Cell</i> , <b>1984</b> , 36, 983-92	56.2	225
131	Thionein (apometallothionein) can modulate DNA binding and transcription activation by zinc finger containing factor Sp1. <i>FEBS Letters</i> , <b>1991</b> , 279, 310-2	3.8	215
130	The taste of heavy metals: gene regulation by MTF-1. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , <b>2012</b> , 1823, 1416-25	4.9	214
129	Activity of metal-responsive transcription factor 1 by toxic heavy metals and H2O2 in vitro is modulated by metallothionein. <i>Molecular and Cellular Biology</i> , <b>2003</b> , 23, 8471-85	4.8	197
128	Transcriptional RenhancersR from SV40 and polyoma virus show a cell type preference. <i>Nucleic Acids Research</i> , <b>1982</b> , 10, 7965-76	20.1	187
127	Cloning, chromosomal mapping and characterization of the human metal-regulatory transcription factor MTF-1. <i>Nucleic Acids Research</i> , <b>1994</b> , 22, 3167-73	20.1	180
126	An enhancer stimulates transcription in trans when attached to the promoter via a protein bridge. <i>Cell</i> , <b>1989</b> , 58, 767-77	56.2	180

125	A recent evolutionary change affects a regulatory element in the human FOXP2 gene. <i>Molecular Biology and Evolution</i> , <b>2013</b> , 30, 844-52	8.3	163
124	Copper homeostasis in eukaryotes: teetering on a tightrope. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , <b>2006</b> , 1763, 737-46	4.9	162
123	Astrocytes and glioblastoma cells express novel octamer-DNA binding proteins distinct from the ubiquitous Oct-1 and B cell type Oct-2 proteins. <i>Nucleic Acids Research</i> , <b>1990</b> , 18, 5495-503	20.1	148
122	Functional domains of the heavy metal-responsive transcription regulator MTF-1. <i>Nucleic Acids Research</i> , <b>1995</b> , 23, 2277-86	20.1	146
121	RNA polymerase II C-terminal domain required for enhancer-driven transcription. <i>Nature</i> , <b>1995</b> , 374, 660-2	50.4	143
120	Enhancer sequences and the regulation of gene transcription. <i>FEBS Journal</i> , <b>1988</b> , 176, 485-95		134
119	How do different transcription factors binding the same DNA sequence sort out their jobs?. <i>Trends in Genetics</i> , <b>1989</b> , 5, 37-9	8.5	131
118	Regulation of metallothionein transcription by the metal-responsive transcription factor MTF-1: identification of signal transduction cascades that control metal-inducible transcription. <i>Journal of Biological Chemistry</i> , <b>2002</b> , 277, 20438-45	5.4	129
117	The Drosophila homolog of mammalian zinc finger factor MTF-1 activates transcription in response to heavy metals. <i>Molecular and Cellular Biology</i> , <b>2001</b> , 21, 4505-14	4.8	126
116	Transcriptome response to heavy metal stress in Drosophila reveals a new zinc transporter that confers resistance to zinc. <i>Nucleic Acids Research</i> , <b>2006</b> , 34, 4866-77	20.1	122
115	Molecular analysis of the histone gene cluster of psammechinus miliaris: II. The arrangement of the five histone-coding and spacer sequences. <i>Cell</i> , <b>1976</b> , 8, 471-8	56.2	122
114	Metal-responsive transcription factor (MTF-1) handles both extremes, copper load and copper starvation, by activating different genes. <i>Genes and Development</i> , <b>2005</b> , 19, 891-6	12.6	121
113	B lymphocytes are impaired in mice lacking the transcriptional co-activator Bob1/OCA-B/OBF1. <i>European Journal of Immunology</i> , <b>1996</b> , 26, 3214-8	6.1	121
112	Eukaryotic expression vectors for the analysis of mutant proteins. <i>Nucleic Acids Research</i> , <b>1989</b> , 17, 6418	20.1	118
111	Two major branches of anti-cadmium defense in the mouse: MTF-1/metallothioneins and glutathione. <i>Nucleic Acids Research</i> , <b>2005</b> , 33, 5715-27	20.1	116
110	During B-cell differentiation enhancer activity and transcription rate of immunoglobulin heavy chain genes are high before mRNA accumulation. <i>Cell</i> , <b>1986</b> , 45, 45-52	56.2	115
109	Knockout of metal-responsive transcription factor MTF-1 in Drosophila by homologous recombination reveals its central role in heavy metal homeostasis. <i>EMBO Journal</i> , <b>2003</b> , 22, 100-8	13	110
108	A family knockout of all four Drosophila metallothioneins reveals a central role in copper homeostasis and detoxification. <i>Molecular and Cellular Biology</i> , <b>2006</b> , 26, 2286-96	4.8	107

107	Nucleo-cytoplasmic trafficking of metal-regulatory transcription factor 1 is regulated by diverse stress signals. <i>Journal of Biological Chemistry</i> , <b>2001</b> , 276, 25487-95	5.4	105
106	Octamer transcription factors and the cell type-specificity of immunoglobulin gene expression. <i>FASEB Journal</i> , <b>1990</b> , 4, 1444-9	0.9	99
105	High frequency of homologous recombination in mammalian cells between endogenous and introduced SV40 genomes. <i>Cell</i> , <b>1985</b> , 43, 695-703	56.2	99
104	A novel expression selection approach allows precise mapping of the hepatitis B virus enhancer. <i>Nucleic Acids Research</i> , <b>1985</b> , 13, 7457-72	20.1	94
103	The four members of the Drosophila metallothionein family exhibit distinct yet overlapping roles in heavy metal homeostasis and detoxification. <i>Genes To Cells</i> , <b>2006</b> , 11, 647-58	2.3	88
102	Role of amyloid-beta glycine 33 in oligomerization, toxicity, and neuronal plasticity. <i>Journal of Neuroscience</i> , <b>2009</b> , 29, 7582-90	6.6	87
101	Promoters with the octamer DNA motif (ATGCAAAT) can be ubiquitous or cell type-specific depending on binding affinity of the octamer site and Oct-factor concentration. <i>Nucleic Acids Research</i> , <b>1991</b> , 19, 237-42	20.1	86
100	Simian virus 40 enhancer increases RNA polymerase density within the linked gene. <i>Nature</i> , <b>1985</b> , 315, 75-7	50.4	79
99	Molecular analysis of the histone gene cluster of <i>Psammochinus miliaris</i> : I. Fractionation and identification of five individual histone mRNAs. <i>Cell</i> , <b>1976</b> , 8, 455-69	56.2	79
98	Metal-responsive transcription factor-1 (MTF-1) is essential for embryonic liver development and heavy metal detoxification in the adult liver. <i>FASEB Journal</i> , <b>2004</b> , 18, 1071-9	0.9	78
97	cDNA cloning of human N-Oct3, a nervous-system specific POU domain transcription factor binding to the octamer DNA motif. <i>Nucleic Acids Research</i> , <b>1993</b> , 21, 253-8	20.1	76
96	Rapid test for in vivo stability and DNA binding of mutated octamer binding proteins with mini-extracts prepared from transfected cells. <i>Nucleic Acids Research</i> , <b>1989</b> , 17, 6420	20.1	73
95	NF-kappaB contributes to transcription of placenta growth factor and interacts with metal responsive transcription factor-1 in hypoxic human cells. <i>Biological Chemistry</i> , <b>2005</b> , 386, 865-72	4.5	69
94	Evidence for erosion of mouse CpG islands during mammalian evolution. <i>Somatic Cell and Molecular Genetics</i> , <b>1993</b> , 19, 543-55		68
93	Silencing of RNA polymerases II and III-dependent transcription by the KRAB protein domain of KOX1, a Krüppel-type zinc finger factor. <i>Biological Chemistry</i> , <b>1997</b> , 378, 669-77	4.5	67
92	Tissue-specific expression of a FMR1/beta-galactosidase fusion gene in transgenic mice. <i>Human Molecular Genetics</i> , <b>1995</b> , 4, 359-66	5.6	66
91	Transcriptional enhancers can act in trans. <i>Trends in Genetics</i> , <b>1990</b> , 6, 300-4	8.5	66
90	DNA looping induced by a transcriptional enhancer in vivo. <i>Nucleic Acids Research</i> , <b>2005</b> , 33, 3743-50	20.1	64

89	Redundancy of information in enhancers as a principle of mammalian transcription control. <i>Journal of Molecular Biology</i> , <b>1988</b> , 201, 81-90	6.5	63
88	Molecular analysis of the histone gene cluster of <i>Psammechinus miliaris</i> : III. Polarity and asymmetry of the histone-coding sequences. <i>Cell</i> , <b>1976</b> , 8, 479-84	56.2	62
87	Copper homeostasis in <i>Drosophila</i> by complex interplay of import, storage and behavioral avoidance. <i>EMBO Journal</i> , <b>2007</b> , 26, 1035-44	13	61
86	Open reading frame UL26 of human cytomegalovirus encodes a novel tegument protein that contains a strong transcriptional activation domain. <i>Journal of Virology</i> , <b>2002</b> , 76, 4836-47	6.6	59
85	Partial denaturation mapping of cloned histone DNA from the sea urchin <i>Psammechinus miliaris</i> . <i>Nature</i> , <b>1976</b> , 264, 31-4	50.4	58
84	Heavy metal ions in transcription factors from HeLa cells: Sp1, but not octamer transcription factor requires zinc for DNA binding and for activator function. <i>Nucleic Acids Research</i> , <b>1988</b> , 16, 5771-81	20.1	57
83	Conservation of glutamine-rich transactivation function between yeast and humans. <i>Molecular and Cellular Biology</i> , <b>2000</b> , 20, 2774-82	4.8	53
82	Homologous recombination and DNA-end joining reactions in zygotes and early embryos of zebrafish ( <i>Danio rerio</i> ) and <i>Drosophila melanogaster</i> . <i>Biological Chemistry</i> , <b>1998</b> , 379, 673-81	4.5	52
81	Enhancers, enhancers - from their discovery to today's universe of transcription enhancers. <i>Biological Chemistry</i> , <b>2015</b> , 396, 311-27	4.5	51
80	Metal-responsive transcription factor (MTF-1) and heavy metal stress response in <i>Drosophila</i> and mammalian cells: a functional comparison. <i>Biological Chemistry</i> , <b>2004</b> , 385, 597-603	4.5	50
79	Heat and heavy metal stress synergize to mediate transcriptional hyperactivation by metal-responsive transcription factor MTF-1. <i>Journal of Biological Chemistry</i> , <b>2003</b> , 278, 31879-83	5.4	47
78	Direct interaction rescue, a novel filamentous phage technique to study protein-protein interactions. <i>Nucleic Acids Research</i> , <b>1994</b> , 22, 5761-2	20.1	46
77	Evidence for transient requirement of the IgH enhancer. <i>Nucleic Acids Research</i> , <b>1985</b> , 13, 8901-12	20.1	45
76	A novel cysteine cluster in human metal-responsive transcription factor 1 is required for heavy metal-induced transcriptional activation in vivo. <i>Journal of Biological Chemistry</i> , <b>2004</b> , 279, 4515-22	5.4	44
75	Sp1 sites in the noncoding control region of BK polyomavirus are key regulators of bidirectional viral early and late gene expression. <i>Journal of Virology</i> , <b>2015</b> , 89, 3396-411	6.6	43
74	Extended lifespan of <i>Drosophila</i> parkin mutants through sequestration of redox-active metals and enhancement of anti-oxidative pathways. <i>Neurobiology of Disease</i> , <b>2010</b> , 40, 82-92	7.5	43
73	The nucleotide sequence and a first generation gene transfer vector of species B human adenovirus serotype 3. <i>Virology</i> , <b>2005</b> , 343, 283-98	3.6	43
72	Two versatile eukaryotic vectors permitting epitope tagging, radiolabelling and nuclear localisation of expressed proteins. <i>Gene</i> , <b>1996</b> , 168, 165-7	3.8	43

71	Upstream box/TATA box order is the major determinant of the direction of transcription. <i>Nucleic Acids Research</i> , <b>1991</b> , 19, 6699-704	20.1	43
70	The distal short consensus repeats 1 and 2 of the membrane cofactor protein CD46 and their distance from the cell membrane determine productive entry of species B adenovirus serotype 35. <i>Journal of Virology</i> , <b>2005</b> , 79, 10013-22	6.6	42
69	Synergistic activation of transcription by multiple binding sites for NF-kappa B even in absence of co-operative factor binding to DNA. <i>Journal of Molecular Biology</i> , <b>1990</b> , 214, 373-80	6.5	42
68	Toxicity of Alzheimer's disease-associated A $\beta$ peptide is ameliorated in a Drosophila model by tight control of zinc and copper availability. <i>Biological Chemistry</i> , <b>2011</b> , 392, 919-26	4.5	41
67	Activation of gene expression by metal-responsive signal transduction pathways. <i>Environmental Health Perspectives</i> , <b>2002</b> , 110 Suppl 5, 813-7	8.4	41
66	The CpG-specific methylase SssI has topoisomerase activity in the presence of Mg <sup>2+</sup> . <i>Nucleic Acids Research</i> , <b>1994</b> , 22, 5354-9	20.1	39
65	Copper sensing function of Drosophila metal-responsive transcription factor-1 is mediated by a tetranuclear Cu(I) cluster. <i>Nucleic Acids Research</i> , <b>2008</b> , 36, 3128-38	20.1	37
64	Metal-responsive transcription factor-1 (MTF-1) selects different types of metal response elements at low vs. high zinc concentration. <i>Biological Chemistry</i> , <b>2004</b> , 385, 623-32	4.5	37
63	Distorted copper homeostasis with decreased sensitivity to cisplatin upon chaperone Atox1 deletion in Drosophila. <i>BioMetals</i> , <b>2011</b> , 24, 445-53	3.4	36
62	Characterization of MtnE, the fifth metallothionein member in Drosophila. <i>Journal of Biological Inorganic Chemistry</i> , <b>2011</b> , 16, 1047-56	3.7	36
61	Transcription factors interacting with herpes simplex virus alpha gene promoters in sensory neurons. <i>Nucleic Acids Research</i> , <b>1995</b> , 23, 4978-85	20.1	36
60	The parkin mutant phenotype in the fly is largely rescued by metal-responsive transcription factor (MTF-1). <i>Molecular and Cellular Biology</i> , <b>2011</b> , 31, 2151-61	4.8	35
59	Polyglutamine tracts as modulators of transcriptional activation from yeast to mammals. <i>Biological Chemistry</i> , <b>2012</b> , 393, 63-70	4.5	33
58	Dramatic changes in the ratio of homologous recombination to nonhomologous DNA-end joining in oocytes and early embryos of <i>Xenopus laevis</i> . <i>Biological Chemistry Hoppe-Seyler</i> , <b>1996</b> , 377, 239-50		33
57	C-terminal domain (CTD) of RNA-polymerase II and N-terminal segment of the human TATA binding protein (TBP) can mediate remote and proximal transcriptional activation, respectively. <i>Nucleic Acids Research</i> , <b>1993</b> , 21, 5609-15	20.1	33
56	Metal-responsive transcription factor 1 (MTF-1) activity is regulated by a nonconventional nuclear localization signal and a metal-responsive transactivation domain. <i>Molecular and Cellular Biology</i> , <b>2009</b> , 29, 6283-93	4.8	31
55	Analysis of the heavy metal-responsive transcription factor MTF-1 from human and mouse. <i>Somatic Cell and Molecular Genetics</i> , <b>1995</b> , 21, 289-97		29
54	A conserved cysteine cluster, essential for transcriptional activity, mediates homodimerization of human metal-responsive transcription factor-1 (MTF-1). <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , <b>2012</b> , 1823, 476-83	4.9	28

53	Zinc supplement greatly improves the condition of parkin mutant <i>Drosophila</i> . <i>Biological Chemistry</i> , <b>2010</b> , 391, 513-8	4.5	28
52	Positive and negative regulation at the herpes simplex virus ICP4 and ICP0 TAATGARAT motifs. <i>Virology</i> , <b>1995</b> , 207, 107-16	3.6	28
51	Loss of metal transcription factor-1 suppresses tumor growth through enhanced matrix deposition. <i>FASEB Journal</i> , <b>2004</b> , 18, 1176-84	0.9	27
50	Differential sensitivity of zinc finger transcription factors MTF-1, Sp1 and Krox-20 to CpG methylation of their binding sites. <i>Biological Chemistry Hoppe-Seyler</i> , <b>1996</b> , 377, 47-56		27
49	A minimal transcription activation domain consisting of a specific array of aspartic acid and leucine residues. <i>Biological Chemistry Hoppe-Seyler</i> , <b>1994</b> , 375, 463-70		27
48	Expression in mammalian cells of a cloned gene encoding murine DNA methyltransferase. <i>Gene</i> , <b>1991</b> , 109, 259-63	3.8	26
47	An efficient method to generate chromosomal rearrangements by targeted DNA double-strand breaks in <i>Drosophila melanogaster</i> . <i>Genome Research</i> , <b>2004</b> , 14, 1382-93	9.7	24
46	Complex demethylation patterns at Sp1 binding sites in F9 embryonal carcinoma cells. <i>FEBS Letters</i> , <b>1995</b> , 370, 170-4	3.8	24
45	The <i>Drosophila</i> copper transporter Ctr1C functions in male fertility. <i>Journal of Biological Chemistry</i> , <b>2010</b> , 285, 17089-97	5.4	23
44	Human copper transporter Ctr1 is functional in <i>Drosophila</i> , revealing a high degree of conservation between mammals and insects. <i>Journal of Biological Inorganic Chemistry</i> , <b>2010</b> , 15, 107-13	3.7	21
43	A novel SR-related protein specifically interacts with the carboxy-terminal domain (CTD) of RNA polymerase II through a conserved interaction domain. <i>Biological Chemistry</i> , <b>1997</b> , 378, 565-71	4.5	21
42	Predisposition to mouse thymic lymphomas in response to ionizing radiation depends on variant alleles encoding metal-responsive transcription factor-1 (Mtf-1). <i>Oncogene</i> , <b>2005</b> , 24, 399-406	9.2	21
41	Pathological, physiological, and evolutionary aspects of short unstable DNA repeats in the human genome. <i>Biological Chemistry Hoppe-Seyler</i> , <b>1995</b> , 376, 201-11		20
40	Two closely spaced promoters are equally activated by a remote enhancer: evidence against a scanning model for enhancer action. <i>Nucleic Acids Research</i> , <b>1989</b> , 17, 8931-47	20.1	20
39	Dissection of <i>Drosophila</i> MTF-1 reveals a domain for differential target gene activation upon copper overload vs. copper starvation. <i>International Journal of Biochemistry and Cell Biology</i> , <b>2012</b> , 44, 404-11	5.6	18
38	Use of the two-hybrid system and random sonicated DNA to identify the interaction domain of a protein. <i>BioTechniques</i> , <b>1996</b> , 21, 430-2	2.5	17
37	Short introns interrupting the Oct-2 POU domain may prevent recombination between POU family genes without interfering with potential POU domain shuffling in evolution. <i>Biological Chemistry Hoppe-Seyler</i> , <b>1994</b> , 375, 675-83		17
36	Specific transcriptional activation in vitro by the herpes simplex virus protein VP16. <i>Nucleic Acids Research</i> , <b>1993</b> , 21, 5570-6	20.1	16



35	Characterization of the mouse gene for the heavy metal-responsive transcription factor MTF-1. <i>Cell Stress and Chaperones</i> , <b>2000</b> , 5, 196-206	4	16
34	Different potential of cellular and viral activators of transcription revealed in oocytes and early embryos of <i>Xenopus laevis</i> . <i>Biological Chemistry Hoppe-Seyler</i> , <b>1994</b> , 375, 105-12		13
33	Mercury and cadmium trigger expression of the copper importer Ctr1B, which enables <i>Drosophila</i> to thrive on heavy metal-loaded food. <i>Biological Chemistry</i> , <b>2009</b> , 390, 109-13	4.5	12
32	<i>Drosophila</i> bloom helicase maintains genome integrity by inhibiting recombination between divergent DNA sequences. <i>Nucleic Acids Research</i> , <b>2008</b> , 36, 6907-17	20.1	12
31	Conserved cysteine residues of Oct-2 POU domain confer sensitivity to oxidation but are dispensable for sequence-specific DNA binding. <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , <b>1993</b> , 1173, 141-6		12
30	Long-range activation of transcription by SV40 enhancer is affected by "inhibitory" or "permissive" DNA sequences between enhancer and promoter. <i>Somatic Cell and Molecular Genetics</i> , <b>1989</b> , 15, 591-603		12
29	Dumpy-30 family members as determinants of male fertility and interaction partners of metal-responsive transcription factor 1 (MTF-1) in <i>Drosophila</i> . <i>BMC Developmental Biology</i> , <b>2008</b> , 8, 68	3.1	11
28	Characterization of metal-responsive transcription factor (MTF-1) from the giant rodent capybara reveals features in common with human as well as with small rodents (mouse, rat). Short communication. <i>Chemistry and Biodiversity</i> , <b>2008</b> , 5, 1485-94	2.5	10
27	Strong transcriptional activators isolated from viral DNA by the activator trap: a novel selection system in mammalian cells. <i>Nucleic Acids Research</i> , <b>1994</b> , 22, 4031-8	20.1	10
26	In vitro transcription complementation assay with miniextracts of transiently transfected COS-1 cells. <i>Nucleic Acids Research</i> , <b>1992</b> , 20, 5855-6	20.1	10
25	Immediate early protein of pseudorabies virus is a general transactivator but stimulates only suboptimally utilized promoters. A clue to specificity?. <i>Journal of Molecular Biology</i> , <b>1990</b> , 215, 301-11	6.5	10
24	In vivo construction of transgenes in <i>Drosophila</i> . <i>Genetics</i> , <b>2007</b> , 175, 2019-28	4	9
23	Periodicity of eight nucleotides in purine distribution around human genomic CpG dinucleotides. <i>Somatic Cell and Molecular Genetics</i> , <b>1995</b> , 21, 91-8		8
22	The leucine zipper of c-Jun binds to ribosomal protein L18a: a role in Jun protein regulation?. <i>Biological Chemistry Hoppe-Seyler</i> , <b>1995</b> , 376, 321-5		8
21	Cloning and characterization of the murine B-cell specific transcriptional coactivator Bob1. <i>Biological Chemistry Hoppe-Seyler</i> , <b>1996</b> , 377, 139-45		8
20	Tissue-specific gene expression. <i>Trends in Neurosciences</i> , <b>1985</b> , 8, 100-104	13.3	8
19	Improved "activator trap" method for the isolation of transcriptional activation domains from random DNA fragments. <i>BioTechniques</i> , <b>1996</b> , 21, 848-54	2.5	7
18	A transcriptional terminator between enhancer and promoter does not affect remote transcriptional control. <i>Somatic Cell and Molecular Genetics</i> , <b>1990</b> , 16, 351-60		7



17	Transcriptional Regulation by Heavy Metals, Exemplified at the Metallothionein Genes <b>1995</b> , 206-240		7
16	Transcriptional activation by recombinant GAL4-VP16 in the <i>Xenopus</i> oocyte. <i>Nucleic Acids Research</i> , <b>1993</b> , 21, 2775	20.1	6
15	POU-specific domain of Oct-2 factor confers octamer motif DNA binding specificity on heterologous Antennapedia homeodomain. <i>FEBS Letters</i> , <b>1992</b> , 314, 361-5	3.8	6
14	Fine mapping of protein interaction surfaces with a PCR-based mutagenesis screen in yeast. <i>Trends in Genetics</i> , <b>1996</b> , 12, 393-4	8.5	5
13	A factor known to bind to endogenous Ig heavy chain enhancer only in lymphocytes is a ubiquitously active transcription factor. <i>FEBS Journal</i> , <b>1990</b> , 187, 507-13		4
12	Transcription enhancers as major determinants of SV40 polyomavirus growth efficiency and host cell tropism. <i>Journal of General Virology</i> , <b>2016</b> , 97, 1597-1603	4.9	4
11	The legless lizard <i>Anguis fragilis</i> (slow worm) has a potent metal-responsive transcription factor 1 (MTF-1). <i>Biological Chemistry</i> , <b>2014</b> , 395, 425-31	4.5	2
10	Simian virus 40 strains with novel properties generated by replacing the viral enhancer with synthetic oligonucleotides. <i>Journal of Virology</i> , <b>2012</b> , 86, 3135-42	6.6	2
9	Short-lived mammals (shrew, mouse) have a less robust metal-responsive transcription factor than humans and bats. <i>BioMetals</i> , <b>2016</b> , 29, 423-32	3.4	2
8	Liver degeneration and embryonic lethality in mouse null mutants for the metal-responsive transcriptional activator MTF-1 <b>1999</b> , 223-226		1
7	Transient Expression of Cloned Genes in Mammalian Cells <b>1983</b> , 19-32		1
6	2 Regulation of Metallothionein Gene Expression <b>2015</b> , 31-50		
5	BZLF1 (ZEBRA, Zta) Protein of Epstein-Barr Virus Selected in a Yeast One-Hybrid System by Binding to a Consensus Site in the IgH Intronic Enhancer: A Role in Immunoglobulin Expression?. <i>Biological Chemistry Hoppe-Seyler</i> , <b>1996</b> , 377, 669-674		
4	Wie werden unsere Gene ein- und ausgeschaltet? <b>2000</b> , 7-14		
3	Inducible and constitutive sequence elements in the enhancer of the mouse metallothionein-I gene. <i>Exs</i> , <b>1987</b> , 52, 415-22		
2	Cloning of Sequence-Specific DNA-Binding Proteins by Screening $\lambda$ DNA Expression Libraries with Radiolabelled Binding-Site Probes <b>1991</b> , 233-244		
1	Embryonic Liver Degeneration and Increased Sensitivity Towards Heavy Metal and H <sub>2</sub> O <sub>2</sub> in Mice Lacking the Metal-Responsive Transcription Factor MTF-1 <b>1999</b> , 339-352		