Benoit De Crombrugghe

List of Publications by Year
in descending order

170 papers	24,552 citations	10650 74 h-index	8433 152 g-index
172 all docs	172 docs citations	172 times ranked	21594 citing authors

#	Article	IF	Citations
1	Wnt/ÃŸ-catenin-mediated p53 suppression is indispensable for osteogenesis of mesenchymal progenitor cells. Cell Death and Disease, 2021, 12, 521.	2.7	12
2	Type I collagen structure, synthesis, and regulation. , 2020, , 295-337.		13
3	Specificity Protein 7 Is Required for Proliferation and Differentiation of Ameloblasts and Odontoblasts. Journal of Bone and Mineral Research, 2018, 33, 1126-1140.	3.1	37
4	Characterization of Mesenchymal-Fibroblast Cells Using the Col1a2 Promoter/Enhancer. Methods in Molecular Biology, 2017, 1627, 139-161.	0.4	12
5	A Novel Regulatory Mechanism of Type II Collagen Expression via a SOX9-dependent Enhancer in Intron 6. Journal of Biological Chemistry, 2017, 292, 528-538.	1.6	34
6	SOX9 directly Regulates CTGF/CCN2 Transcription in Growth Plate Chondrocytes and in Nucleus Pulposus Cells of Intervertebral Disc. Scientific Reports, 2016, 6, 29916.	1.6	24
7	Mesenchymal Deletion of Histone Demethylase <i>NO66</i> in Mice Promotes Bone Formation. Journal of Bone and Mineral Research, 2015, 30, 1608-1617.	3.1	19
8	Mesenchymeâ€specific overexpression of nucleolar protein 66 in mice inhibits skeletal growth and bone formation. FASEB Journal, 2015, 29, 2555-2565.	0.2	9
9	SOX9 Regulates Multiple Genes in Chondrocytes, Including Genes Encoding ECM Proteins, ECM Modification Enzymes, Receptors, and Transporters. PLoS ONE, 2014, 9, e107577.	1.1	86
10	Chondrocytes Transdifferentiate into Osteoblasts in Endochondral Bone during Development, Postnatal Growth and Fracture Healing in Mice. PLoS Genetics, 2014, 10, e1004820.	1.5	456
11	Sp7 and Runx2 molecular complex synergistically regulate expression of target genes. Connective Tissue Research, 2014, 55, 83-87.	1.1	21
12	Specificity protein 7 is not essential for tooth morphogenesis. Connective Tissue Research, 2014, 55, 88-91.	1.1	3
13	Development of the Fetal Bone Marrow Niche and Regulation of HSC Quiescence and Homing Ability by Emerging Osteolineage Cells. Cell Reports, 2014, 9, 581-590.	2.9	100
14	Osterix is required for cranial neural crest-derived craniofacial bone formation. Biochemical and Biophysical Research Communications, 2013, 432, 188-192.	1.0	11
15	Connective Tissue Growth Factor causes EMT-like cell fate changes in vivo and in vitro. Journal of Cell Science, 2013, 126, 2164-75.	1.2	68
16	E6-AP/UBE3A Protein Acts as a Ubiquitin Ligase toward SOX9 Protein. Journal of Biological Chemistry, 2013, 288, 35138-35148.	1.6	35
17	Structural Insights into Histone Demethylase NO66 in Interaction with Osteoblast-specific Transcription Factor Osterix and Gene Repression. Journal of Biological Chemistry, 2013, 288, 16430-16437.	1.6	18
18	Identification and Characterization of MicroRNAs Controlled by the Osteoblast-Specific Transcription Factor Osterix. PLoS ONE, 2013, 8, e58104.	1.1	44

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19	Persistent Low Level of Osterix Accelerates Interleukin-6 Production and Impairs Regeneration after Tissue Injury. PLoS ONE, 2013, 8, e69859.	1.1	8
20	Transcriptional Regulation of Vascular Endothelial Growth Factor (VEGF) by Osteoblast-specific Transcription Factor Osterix (Osx) in Osteoblasts. Journal of Biological Chemistry, 2012, 287, 1671-1678.	1.6	69
21	The postnatal role of Sox9 in cartilage. Journal of Bone and Mineral Research, 2012, 27, 2511-2525.	3.1	143
22	Chondrocyte-specific ablation of Osterix leads to impaired endochondral ossification. Biochemical and Biophysical Research Communications, 2012, 418, 634-640.	1.0	57
23	Characterization of Dkk1 gene regulation by the osteoblast-specific transcription factor Osx. Biochemical and Biophysical Research Communications, 2012, 420, 782-786.	1.0	16
24	Genetic evidence for the vital function of osterix in cementogenesis. Journal of Bone and Mineral Research, 2012, 27, 1080-1092.	3.1	101
25	Î²-catenin is a central mediator of pro-fibrotic Wnt signaling in systemic sclerosis. Annals of the Rheumatic Diseases, 2012, 71, 761-767.	0.5	174
26	Sox9/Sox6 and Sp1 are involved in the insulin-like growth factor-I-mediated upregulation of human type II collagen gene expression in articular chondrocytes. Journal of Molecular Medicine, 2012, 90, 649-666.	1.7	34
27	Wwp2 is essential for palatogenesis mediated by the interaction between Sox9 and mediator subunit 25. Nature Communications, 2011, 2, 251.	5.8	134
28	Mesenchymalâ€specific deletion of C/EBPÎ² suppressed pulmonary fibrosis. FASEB Journal, 2011, 25, 114.10.	0.2	0
29	Sox9â€expressing precursors are the cellular origin of the cruciate ligament of the knee joint and the limb tendons. Genesis, 2010, 48, 635-644.	0.8	159
30	Selective expression of connective tissue growth factor in fibroblasts in vivo promotes systemic tissue fibrosis. Arthritis and Rheumatism, 2010, 62, 1523-1532.	6.7	170
31	Regulation of the osteoblast-specific transcription factor Osterix by NO66, a Jumonji family histone demethylase. EMBO Journal, 2010, 29, 68-79.	3.5	143
32	SOX9 is a major negative regulator of cartilage vascularization, bone marrow formation and endochondral ossification. Development (Cambridge), 2010, 137, 901-911.	1.2	257
33	The dimerization domain of SOX9 is required for transcription activation of a chondrocyte-specific chromatin DNA template. Nucleic Acids Research, 2010, 38, 6018-6028.	6.5	33
34	Expression of master regulatory genes controlling skeletal development in benign cartilage and bone forming tumors. Human Pathology, 2010, 41, 1788-1793.	1.1	29
35	Postnatally induced inactivation of Osterix in osteoblasts results in the reduction of bone formation and maintenance. Bone, 2010, 46, 920-928.	1.4	69
36	Sclerostin is a direct target of osteoblast-specific transcription factor osterix. Biochemical and Biophysical Research Communications, 2010, 400, 684-688.	1.0	50

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37	Dermal Transforming Growth Factor-Î² Responsiveness Mediates Wound Contraction and Epithelial Closure. American Journal of Pathology, 2010, 176, 98-107.	1.9	89
38	Multiple functions of Osterix are required for bone growth and homeostasis in postnatal mice. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 12919-12924.	3.3	267
39	Attenuation of fibrosis in vitro and in vivo with SPARC siRNA. Arthritis Research and Therapy, 2010, 12, R60.	1.6	78
40	Identification of SOX9 Interaction Sites in the Genome of Chondrocytes. PLoS ONE, 2010, 5, e10113.	1.1	81
41	Regulation of bone formation and remodeling by G-protein-coupled receptor 48. Development (Cambridge), 2009, 136, 2747-2756.	1.2	156
42	Generation of aggrecanâ€CreERT2 knockin mice for inducible Cre activity in adult cartilage. Genesis, 2009, 47, 805-814.	0.8	145
43	Positive Regulation of Adult Bone Formation by Osteoblast-Specific Transcription Factor Osterix. Journal of Bone and Mineral Research, 2009, 24, 1055-1065.	3.1	165
44	Joint Formation Requires Muscle Formation and Contraction. Developmental Cell, 2009, 16, 625-626.	3.1	3
45	Type I Collagen Structure, Synthesis, and Regulation. , 2008, , 285-318.		17
46	Specific expression of Cre recombinase in hypertrophic cartilage under the control of a BAC-Col10a1 promoter. Matrix Biology, 2008, 27, 693-699.	1.5	55
47	Transcriptional regulation of chondrogenesis by coactivator Tip60 via chromatin association with Sox9 and Sox5. Nucleic Acids Research, 2008, 36, 3011-3024.	6.5	73
48	The Osterix Transcription Factor Down-Regulates Interleukin-1Î± Expression in Mouse Osteosarcoma Cells. Molecular Cancer Research, 2008, 6, 119-126.	1.5	19
49	Inhibition of Wnt signaling by the osteoblast-specific transcription factor Osterix. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 6936-6941.	3.3	143
50	Cthrc1 Is a Positive Regulator of Osteoblastic Bone Formation. PLoS ONE, 2008, 3, e3174.	1.1	93
51	Tenascin-W inhibits proliferation and differentiation of preosteoblasts during endochondral bone formation. Biochemical and Biophysical Research Communications, 2007, 356, 935-941.	1.0	31
52	Misexpression of Sox9 in mouse limb bud mesenchyme induces polydactyly and rescues hypodactyly mice. Matrix Biology, 2007, 26, 224-233.	1.5	51
53	SOX9 Is Required for the Differentiation of Paneth Cells in the Intestinal Epithelium. Gastroenterology, 2007, 133, 539-546.	0.6	286
54	Postnatal induction of transforming growth factor Î² signaling in fibroblasts of mice recapitulates clinical, histologic, and biochemical features of scleroderma. Arthritis and Rheumatism, 2007, 56, 334-344.	6.7	174

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55	BAC constructs in transgenic reporter mouse lines control efficient and specific LacZ expression in hypertrophic chondrocytes under the complete Col10a1 promoter. Histochemistry and Cell Biology, 2007, 127, 183-194.	0.8	26
56	Interactions between PIAS Proteins and SOX9 Result in an Increase in the Cellular Concentrations of SOX9. Journal of Biological Chemistry, 2006, 281, 14417-14428.	1.6	65
57	Constitutive activation of MKK6 in chondrocytes of transgenic mice inhibits proliferation and delays endochondral bone formation. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 365-370.	3.3	96
58	p53 functions as a negative regulator of osteoblastogenesis, osteoblast-dependent osteoclastogenesis, and bone remodeling. Journal of Cell Biology, 2006, 172, 115-125.	2.3	225
59	Genetic regulation of bone mass and susceptibility to osteoporosis. Genes and Development, 2006, 20, 2492-2506.	2.7	275
60	Twisted Gastrulation Modulates Bone Morphogenetic Protein-induced Collagen II and X Expression in Chondrocytesin Vitroandin Vivo. Journal of Biological Chemistry, 2006, 281, 31790-31800.	1.6	29
61	Twisted Gastrulation Modulates Bone Morphogenetic Protein-induced Collagen II and X Expression in Chondrocytes in Vitro and in Vivo. Journal of Biological Chemistry, 2006, 281, 31790-31800.	1.6	5
62	NFAT and Osterix cooperatively regulate bone formation. Nature Medicine, 2005, 11, 880-885.	15.2	437
63	Downregulation of rheumatoid arthritis-related antigen RA-A47 (HSP47/colligin-2) in chondrocytic cell lines induces apoptosis and cell-surface expression of RA-A47 in association with CD9. Journal of Cellular Physiology, 2005, 202, 191-204.	2.0	26
64	Osteo-chondroprogenitor cells are derived from Sox9 expressing precursors. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 14665-14670.	3.3	508
65	Osterix, a Transcription Factor for Osteoblast Differentiation, Mediates Antitumor Activity in Murine Osteosarcoma. Cancer Research, 2005, 65, 1124-1128.	0.4	89
66	The transcription factor Sox9 is degraded by the ubiquitin?proteasome system and stabilized by a mutation in a ubiquitin-target site. Matrix Biology, 2005, 23, 499-505.	1.5	56
67	Osteoblasts Clock in for Their Day Job. Cell, 2005, 122, 651-653.	13.5	9
68	Essential role of Sox9 in the pathway that controls formation of cardiac valves and septa. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 6502-6507.	3.3	237
69	Constitutive activation of MEK1 in chondrocytes causes Stat1-independent achondroplasia-like dwarfism and rescues the Fgfr3-deficient mouse phenotype. Genes and Development, 2004, 18, 290-305.	2.7	250
70	Interactions between Sox9 and Â-catenin control chondrocyte differentiation. Genes and Development, 2004, 18, 1072-1087.	2.7	670
71	Transgenic Mice Expressing a Ligand-Inducible Cre Recombinase in Osteoblasts and Odontoblasts. American Journal of Pathology, 2004, 165, 1875-1882.	1.9	88
72	A highly conserved enhancer in mammalian type X collagen genes drives high levels of tissue-specific expression in hypertrophic cartilage in vitro and in vivo. Matrix Biology, 2004, 23, 309-322.	1.5	36

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73	Transcriptional mechanisms in osteoblast differentiation and bone formation. Trends in Genetics, 2003, 19, 458-466.	2.9	377
74	Interferon alfa down-regulates collagen gene transcription and suppresses experimental hepatic fibrosis in mice. Hepatology, 2003, 38, 890-899.	3.6	129
75	Downregulation of a rheumatoid arthritis-related antigen (RA-A47) by ra-a47 antisense oligonucleotides induces inflammatory factors in chondrocytes. Journal of Cellular Physiology, 2003, 197, 94-102.	2.0	12
76	Sox9, a master regulator of chondrogenesis, distinguishes mesenchymal chondrosarcoma from other small blue round cell tumors. Human Pathology, 2003, 34, 263-269.	1.1	187
77	Sox9 is required for determination of the chondrogenic cell lineage in the cranial neural crest. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 9360-9365.	3.3	383
78	Adjacent DNA sequences modulate Sox9 transcriptional activation at paired Sox sites in three chondrocyte-specific enhancer elements. Nucleic Acids Research, 2003, 31, 1541-1553.	6.5	66
79	Fibroblast-specific Expression of a Kinase-deficient Type II Transforming Growth Factor Î² (TGFÎ²) Receptor Leads to Paradoxical Activation of TGFÎ² Signaling Pathways with Fibrosis in Transgenic Mice. Journal of Biological Chemistry, 2003, 278, 25109-25119.	1.6	126
80	SOX9 Exerts a Bifunctional Effect on Type II Collagen Gene (COL2A1) Expression in Chondrocytes Depending on the Differentiation State. DNA and Cell Biology, 2003, 22, 119-129.	0.9	74
81	Sp1 and Sp3 Transcription Factors Mediate Interleukin-1Î² Down-regulation of Human Type II Collagen Gene Expression in Articular Chondrocytes. Journal of Biological Chemistry, 2003, 278, 39762-39772.	1.6	110
82	Deconstructing the Molecular Biology of Cartilage and Bone Formation. , 2002, , 279-295.		4
83	A New Long Form of c-Maf Cooperates with Sox9 to Activate the Type II Collagen Gene. Journal of Biological Chemistry, 2002, 277, 50668-50675.	1.6	62
84	The transcription factor Sox9 has essential roles in successive steps of the chondrocyte differentiation pathway and is required for expression of Sox5 and Sox6. Genes and Development, 2002, 16, 2813-2828.	2.7	1,511
85	Ligand-Dependent Genetic Recombination in Fibroblasts. American Journal of Pathology, 2002, 160, 1609-1617.	1.9	183
86	The Novel Zinc Finger-Containing Transcription Factor Osterix Is Required for Osteoblast Differentiation and Bone Formation. Cell, 2002, 108, 17-29.	13.5	3,086
87	Type I Collagen. , 2002, , 189-XVIII.		12
88	Transforming growth factor-? isoforms differently stimulate pro?2 (I) collagen gene expression during wound healing process in transgenic mice. Journal of Cellular Physiology, 2002, 190, 375-381.	2.0	20
89	The transcription factors L-Sox5 and Sox6 are essential for cartilage formation. , 2002, , 91-100.		1
90	The Transcription Factors L-Sox5 and Sox6 Are Essential for Cartilage Formation. Developmental Cell, 2001, 1, 277-290.	3.1	548

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91	cDNA Library Screening Using the SOS Recruitment System. BioTechniques, 2001, 30, 94-100.	0.8	14
92	Activation of a fibroblast-specific enhancer of the Pro?2(I) collagen gene in tight-skin mice. Arthritis and Rheumatism, 2001, 44, 712-722.	6.7	44
93	Regulatory mechanisms in the pathways of cartilage and bone formation. Current Opinion in Cell Biology, 2001, 13, 721-728.	2.6	419
94	CBF/NF-Y Functions Both in Nucleosomal Disruption and Transcription Activation of the Chromatin-assembled Topoisomerase IIÎ± Promoter. Journal of Biological Chemistry, 2001, 276, 40621-40630.	1.6	33
95	Characterization of an Evolutionarily Conserved Far-upstream Enhancer in the Human Î±2(I) Collagen (COL1A2) Gene. Journal of Biological Chemistry, 2001, 276, 21754-21764.	1.6	44
96	Expression Pattern and Gene Characterization ofAsporin. Journal of Biological Chemistry, 2001, 276, 12212-12221.	1.6	149
97	Potent Inhibition of the Master Chondrogenic FactorSox9 Gene by Interleukin-1 and Tumor Necrosis Factor-Î±. Journal of Biological Chemistry, 2000, 275, 3687-3692.	1.6	256
98	Transcriptional regulation of fibronectin gene by phorbol myristate acetate in hepatoma cells: A negative role for NF-?B. , 2000, 76, 437-451.		27
99	Phosphorylation of SOX9 by Cyclic AMP-Dependent Protein Kinase A Enhances SOX9's Ability To Transactivate a Col2a1 Chondrocyte-Specific Enhancer. Molecular and Cellular Biology, 2000, 20, 4149-4158.	1.1	256
100	Transcriptional mechanisms of chondrocyte differentiation. Matrix Biology, 2000, 19, 389-394.	1.5	416
101	Sox9 is required for cartilage formation. Nature Genetics, 1999, 22, 85-89.	9.4	1,576
102	Role of the CCAAT-binding protein CBF/NF-Y in transcription. Trends in Biochemical Sciences, 1998, 23, 174-178.	3.7	343
103	Toward understanding S0X9 function in chondrocyte differentiation. Matrix Biology, 1998, 16, 529-540.	1.5	232
104	Activation of ProÎ±2(I) Collagen Promoter during Hepatic Fibrogenesis in Transgenic Mice. Biochemical and Biophysical Research Communications, 1998, 250, 606-611.	1.0	35
105	Three High Mobility Group-like Sequences within a 48-Base Pair Enhancer of the Col2a1 Gene Are Required for Cartilage-specific Expression in Vivo. Journal of Biological Chemistry, 1998, 273, 14989-14997.	1.6	156
106	Chondrocyte-specific Enhancer Elements in the Col11a2 Gene Resemble the Col2a1 Tissue-specific Enhancer. Journal of Biological Chemistry, 1998, 273, 14998-15006.	1.6	246
107	The two activation domains of the CCAAT-binding factor CBF interact with the dTAFII110 component of the Drosophila TFIID complex. Biochemical Journal, 1998, 331, 291-297.	1.7	41
108	Cloning and Characterization of a Transcription Factor That Binds to the Proximal Promoters of the Two Mouse Type I Collagen Genes. Journal of Biological Chemistry, 1997, 272, 4915-4923.	1.6	73

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109	DNA Binding Specificity of the CCAAT-binding Factor CBF/NF-Y. Journal of Biological Chemistry, 1997, 272, 26562-26572.	1.6	103
110	Parallel expression ofSox9 andCol2a1 in cells undergoing chondrogenesis. , 1997, 209, 377-386.		482
111	Parallel expression of Sox9 and Col2a1 in cells undergoing chondrogenesis. , 1997, 209, 377.		3
112	A 47â€bp Sequence of the First Intron of the Mouse ProÎ±1 (II) Collagen Gene Is Sufficient to Direct Chondrocyte Expression. Annals of the New York Academy of Sciences, 1996, 785, 284-287.	1.8	14
113	[20] Purification, characterization, and role of CCAAT-binding factor in transcription. Methods in Enzymology, 1996, 273, 217-232.	0.4	16
114	Prenatal folic acid treatment suppresses acrania and meroanencephaly in mice mutant for the Cart1 homeobox gene. Nature Genetics, 1996, 13, 275-283.	9.4	237
115	Evidence for three major transcription activation elements in the proximal mouse proalpha2(I) collagen promoter. Nucleic Acids Research, 1996, 24, 3253-3260.	6.5	32
116	The Transcriptional Activity of the CCAAT-binding Factor CBF Is Mediated by Two Distinct Activation Domains, One in the CBF-B Subunit and the Other in the CBF-C Subunit. Journal of Biological Chemistry, 1996, 271, 14485-14491.	1.6	73
117	A Gene for a Novel Zinc-finger Protein Expressed in Differentiated Epithelial Cells and Transiently in Certain Mesenchymal Cells. Journal of Biological Chemistry, 1996, 271, 31384-31390.	1.6	279
118	Developmental expression of a type II collagen/Î²-galactosidase fusion gene in transgenic mice. Developmental Dynamics, 1995, 204, 202-210.	0.8	27
119	Use of a New Rat Chondrosarcoma Cell line to Delineate a 119-Base Pair Chondrocyte-specific Enhancer Element and to Define Active Promoter Segments in the Mouse Pro-Î±1(II) Collagen Gene. Journal of Biological Chemistry, 1995, 270, 27711-27719.	1.6	139
120	Studies on Transcription Activation by the Multimeric CCAAT-binding Factor CBF. Journal of Biological Chemistry, 1995, 270, 468-475.	1.6	82
121	Normal long bone growth and development in type X collagen-null mice. Nature Genetics, 1994, 8, 129-135.	9.4	145
122	Characterization of primary cultures of chondrocytes from type II collagen/Î²-galactosidase transgenic mice. Matrix Biology, 1994, 14, 329-335.	1.5	143
123	rDlx, a Novel Distal-less-like Homeoprotein Is Expressed in Developing Cartilages and Discrete Neuronal Tissues. Developmental Biology, 1994, 164, 37-51.	0.9	78
124	The mouse type-III procollagen-encoding gene: genomic cloning and complete DNA sequence. Gene, 1994, 147, 161-168.	1.0	15
125	The gene for the homeodomain-containing protein Cart-1 is expressed in cells that have a chondrogenic potential during embryonic development. Mechanisms of Development, 1994, 48, 245-254.	1.7	81
126	Purification of a novel factor which binds to the mouse Î±2 (I) collagen promoter. FEBS Letters, 1993, 327, 325-331.	1.3	4

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127	Osteoblast-Specific Expression of the Î±2(I) Collagen Promoter in Transgenic Mice: Correlation with the Distribution of TGF-Î²1. Journal of Bone and Mineral Research, 1993, 8, 1127-1136.	3.1	32
128	Specific hybridization probes for mouse Î±2(IX) and Î±1(X) collagen mRNAs. Biochimica Et Biophysica Acta Gene Regulatory Mechanisms, 1992, 1130, 78-80.	2.4	27
129	Conservation of binding sites for regulatory factors in the coordinately expressed Î±1(I) and Î±2(I) collagen promoters. Biochemical and Biophysical Research Communications, 1991, 177, 538-544.	1.0	74
130	Specific hybridization probes for mouse type I, II, III and IX collagen mRNAs. Biochimica Et Biophysica Acta Gene Regulatory Mechanisms, 1991, 1089, 241-243.	2.4	146
131	Transcriptional Mechanisms Controlling Types I and III Collagen Genes. Annals of the New York Academy of Sciences, 1990, 580, 88-96.	1.8	19
132	Control of Type I Collagen Genes in Scleroderma and Normal Fibroblasts. Rheumatic Disease Clinics of North America, 1990, 16, 109-123.	0.8	13
133	A nuclear factor 1 binding site mediates the transcriptional activation of a type I collagen promoter by transforming growth factor-Î². Cell, 1988, 52, 405-414.	13.5	634
134	Deletion analysis of the mouse alpha 1 (III) collagen promoter. Nucleic Acids Research, 1988, 16, 7513-7526.	6.5	21
135	Transforming Growth Factor Î²: Biochemistry and Roles in Embryogenesis, Tissue Repair and Remodeling, and Carcinogenesis. , 1988, 44, 157-197.		134
136	Formation of a type I collagen RNA dimer by intermolecular base-pairing of a conserved sequence around the translation initiation site. Nucleic Acids Research, 1987, 15, 8935-8956.	6.5	14
137	[3] Structure and expression of collagen genes. Methods in Enzymology, 1987, 144, 61-74.	0.4	2
138	V-Fos stimulates expression of the Î±1(III) collagen gene in NIH 3T3 cells. Biochemical and Biophysical Research Communications, 1986, 136, 1042-1048.	1.0	15
139	Regulation of a collagen gene promoter by the product of viral mos oncogene. Nature, 1985, 314, 286-289.	13.7	118
140	Structural and Functional Analysis of the Genes for ?2(I) and ?1(III) Collagens. Annals of the New York Academy of Sciences, 1985, 460, 154-162.	1.8	17
141	Pleiotropic mutants of nih 3T3 cells with altered regulation in the expression of both type I collagen and fibronectin. Cell, 1985, 41, 201-209.	13.5	36
142	Structural and Functional Studies on the Interstitial Collagen Genes. Novartis Foundation Symposium, 1985, 114, 20-33.	1.2	0
143	DNase I sensitivity of the Î±2(I) collagen gene: correlation with its expression but not with its methylation pattern. Nucleic Acids Research, 1984, 12, 3491-3502.	6.5	37
144	Conservation of the sizes for one but not another class of exons in two chick collagen genes. Nature, 1984, 310, 333-337.	13.7	73

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145	Activation of Transcription by the Cyclic AMP Receptor Protein. , 1984, , 129-167.		35
146	Activity of a Chick Collagen Gene in Heterologous and Homologous Cell-Free Extracts. , 1984, , 161-177.		0
147	A conserved nucleotide sequence, coding for a segment of the C-propeptkle, is found at the same location in different collagen genes. Nucleic Acids Research, 1983, 11, 2733-2744.	6.5	84
148	Interactions of RNA polymerase and the cyclic AMP receptor protein on DNA of theE. coligalactose operon. Nucleic Acids Research, 1983, 11, 5165-5180.	6.5	33
149	Structure and regulation of a collagen gene. Trends in Biochemical Sciences, 1982, 7, 11-13.	3.7	27
150	Isolation of mutant promoters in the Escherichia coli galactose operon using local mutagenesis on cloned DNA fragments. Journal of Molecular Biology, 1982, 154, 197-209.	2.0	81
151	Mutations in the Escherichia coli operon that define two promoters and the binding site of the cyclic AMP receptor protein. Journal of Molecular Biology, 1982, 154, 211-227.	2.0	97
152	Unusual methylation pattern of the Î±2(I) collagen gene. Cell, 1982, 29, 203-210.	13.5	193
153	Regulation of procollagen messenger ribonucleic acid levels in Rous sarcoma virus transformed chick embryo fibroblasts. Biochemistry, 1981, 20, 2678-2684.	1.2	88
154	Decrease in the levels of nuclear RNA precursors for alpha 2 collagen in Rous sarcoma virus transformed fibroblasts. Nucleic Acids Research, 1981, 9, 1123-1131.	6.5	51
155	THE COLLAGEN GENE. , 1981, , 25-39.		0
156	Sequence rearrangement and duplication of double stranded fibronectin cDNA probably occurring during cDNA synthesis by AMV reverse transcriptase and Escherichia coli DNA polymerase I. Nucleic Acids Research, 1980, 8, 3055-3064.	6.5	44
157	The collagen gene: Evidence for its evolutionary assembly by amplification of a DNA segment containing an exon of 54 bp. Cell, 1980, 22, 887-892.	13.5	269
158	Partial purification and characterization of the messenger RNA for cell fibronectin. Nucleic Acids Research, 1979, 6, 3471-3480.	6.5	14
159	Unusual location and function of the operator in the Escherichia coli galactose operon. Nature, 1979, 279, 494-500.	13.7	73
160	Specificity of the bacteriophage lambda N gene product (pN): Nut sequences are necessary and sufficient for antitermination by pN. Cell, 1979, 18, 1145-1151.	13.5	94
161	Transcription in vitro of bacteriophage lambda 4S RNA: studies on termination and rho protein. Nucleic Acids Research, 1977, 4, 827-842.	6.5	45
162	Dual control for transcription of the galactose operon by cyclic AMP and its receptor protein at two interspersed promoters. Cell, 1977, 12, 847-854.	13.5	265

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163	DNA-Dependent Cell-Free Protein Synthesis. , 1977, , 603-625.		0
164	Termination and Antitermination in Transcription: Control of Gene Expression. , 1974, 3, 213-221.		3
165	Effect of Rho on Transcription of Bacterial Operons. Nature: New Biology, 1973, 241, 260-264.	4.5	150
166	Lac DNA, RNA Polymerase and Cyclic AMP Receptor Protein, Cyclic AMP, Lac Repressor and Inducer are the Essential Elements for Controlled Lac Transcription. Nature: New Biology, 1971, 231, 139-142.	4.5	244
167	On the Mechanism of Action of lac Repressor. Nature: New Biology, 1971, 233, 67-70.	4.5	38
168	Role of Cyclic Adenosine 3â€²,5â€²-Monophosphate and the Cyclic Adenosine 3â€²,5â€²-Monophosphate Receptor Protein in the Initiation of lac Transcription. Journal of Biological Chemistry, 1971, 246, 7343-7348.	1.6	49
169	Stimulation of lac mRNA synthesis by cyclic AMP in cell free extracts of Escherichia coli. Biochemical and Biophysical Research Communications, 1970, 38, 894-901.	1.0	61
170	Cyclic AMP regulates Catabolite and Transient Repression in E. coli. Nature, 1969, 223, 810-812.	13.7	194