Qian Chen

List of Publications by Year
in descending order

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145 papers	5,922 citations	71102 41 h-index	88630 70 g-index
151 all docs	151 docs citations	151 times ranked	6728 citing authors

#	Article	IF	Citations
1	Dilated Optic Nerve Sheath Diameter Predicts Poor Outcome in Acute Spontaneous Intracerebral Hemorrhage. Cerebrovascular Diseases, 2022, 51, 199-206.	1.7	2
2	Pdcd4 promotes lipid deposition by attenuating PPARÎ±-mediated fatty acid oxidation in hepatocytes. Molecular and Cellular Endocrinology, 2022, 545, 111562.	3.2	4
3	Senescence-Associated Cell Transition and Interaction (SACTAI): A Proposed Mechanism for Tissue Aging, Repair, and Degeneration. Cells, 2022, 11, 1089.	4.1	7
4	Cholesterol-induced leucine aminopeptidase 3 (LAP3) upregulation inhibits cell autophagy in pathogenesis of NAFLD. Aging, 2022, 14, 3259-3275.	3.1	8
5	Clinical-radiomics Nomogram for Risk Estimation of Early Hematoma Expansion after Acute Intracerebral Hemorrhage. Academic Radiology, 2021, 28, 307-317.	2.5	35
6	Radiomics in Stroke Neuroimaging: Techniques, Applications, and Challenges. , 2021, 12, 143.		45
7	Radiomics for intracerebral hemorrhage: are all small hematomas benign?. British Journal of Radiology, 2021, 94, 20201047.	2.2	10
8	Inhibition of miRâ€188â€5p alleviates hepatic fibrosis by significantly reducing the activation and proliferation of HSCs through PTEN/PI3K/AKT pathway. Journal of Cellular and Molecular Medicine, 2021, 25, 4073-4087.	3.6	32
9	Predicting intraventricular hemorrhage growth with a machine learning-based, radiomics-clinical model. Aging, 2021, 13, 12833-12848.	3.1	13
10	IFN-Î³ contributes to the hepatic inflammation in HFD-induced nonalcoholic steatohepatitis by STAT1Î²/TLR2 signaling pathway. Molecular Immunology, 2021, 134, 118-128.	2.2	8
11	Senescent Tissue-Resident Mesenchymal Stromal Cells Are an Internal Source of Inflammation in Human Osteoarthritic Cartilage. Frontiers in Cell and Developmental Biology, 2021, 9, 725071.	3.7	11
12	Sonic Hedgehog Induces Mesenchymal Stromal Cell Senescence-Associated Secretory Phenotype and Chondrocyte Apoptosis in Human Osteoarthritic Cartilage. Frontiers in Cell and Developmental Biology, 2021, 9, 716610.	3.7	6
13	COBRE for Skeletal Health and Repair: The Impact of Aging on the Capacity for Peripheral Nerve Regeneration. Rhode Island Medical Journal (2013), 2021, 104, 39-45.	0.2	0
14	Ginsenoside Rb1 and Rb2 upregulate Akt/mTOR signalingâ€“mediated muscular hypertrophy and myoblast differentiation. Journal of Ginseng Research, 2020, 44, 435-441.	5.7	30
15	Mesenchymal Stem Cell (MSC)â€Derived Extracellular Vesicles: Potential Therapeutics as MSC Trophic Mediators in Regenerative Medicine. Anatomical Record, 2020, 303, 1735-1742.	1.4	23
16	Comparison of Ultra-Early Hematoma Growth and Common Noncontrast Computed Tomography Features in Predicting Hematoma Enlargement in Patients with Spontaneous Intracerebral Hemorrhage. World Neurosurgery, 2020, 134, e75-e81.	1.3	3
17	Design and Synthesis of Novel Nordihydroguaiaretic Acid (NDGA) Analogues as Potential FGFR1 Kinase Inhibitors With Anti-Gastric Activity and Chemosensitizing Effect. Frontiers in Pharmacology, 2020, 11, 518068.	3.5	2
18	20(S)-Rg3 upregulates FDFT1 via reducing miR-4425 to inhibit ovarian cancer progression. Archives of Biochemistry and Biophysics, 2020, 693, 108569.	3.0	10

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19	Distal-Less Homeobox 5 Is a Therapeutic Target for Attenuating Hypertrophy and Apoptosis of Mesenchymal Progenitor Cells. International Journal of Molecular Sciences, 2020, 21, 4823.	4.1	7
20	Senescent Mesenchymal Stem Cells: Disease Mechanism and Treatment Strategy. Current Molecular Biology Reports, 2020, 6, 173-182.	1.6	11
21	Human osteoarthritis cartilageâ€derived stromal cells activate joint degeneration through TGFâ€beta lateral signaling. FASEB Journal, 2020, 34, 16552-16566.	0.5	17
22	Epigallocatechin Gallate Protects Mice against Methionineâ€“Choline-Deficient-Diet-Induced Nonalcoholic Steatohepatitis by Improving Gut Microbiota To Attenuate Hepatic Injury and Regulate Metabolism. ACS Omega, 2020, 5, 20800-20809.	3.5	33
23	Computational View toward the Inhibition of SARS-CoV-2 Spike Glycoprotein and the 3CL Protease. Computation, 2020, 8, 53.	2.0	26
24	Blend Sign Is a Strong Predictor of the Extent of Early Hematoma Expansion in Spontaneous Intracerebral Hemorrhage. Frontiers in Neurology, 2020, 11, 334.	2.4	8
25	Anti-toll-like receptor 2 antibody ameliorates hepatic injury, inflammation, fibrosis and steatosis in obesity-related metabolic disorder rats via regulating MAPK and NF-Î²B pathways. International Immunopharmacology, 2020, 82, 106368.	3.8	19
26	Long non-coding RNA RP11-284F21.9 functions as a ceRNA regulating PPWD1 by competitively binding to miR-769-3p in cervical carcinoma. Bioscience Reports, 2020, 40, .	2.4	3
27	Chondrogenic induction of human osteoarthritic cartilage-derived mesenchymal stem cells activates mineralization and hypertrophic and osteogenic gene expression through a mechanomiR. Arthritis Research and Therapy, 2019, 21, 167.	3.5	27
28	Aggrecan is required for chondrocyte differentiation in ATDC5 chondroprogenitor cells. PLoS ONE, 2019, 14, e0218399.	2.5	14
29	Prediction of hematoma expansion in spontaneous intracerebral hemorrhage using support vector machine. EBioMedicine, 2019, 43, 454-459.	6.1	57
30	Anti-miRNA Oligonucleotide Therapy for Chondrosarcoma. Molecular Cancer Therapeutics, 2019, 18, 2021-2029.	4.1	30
31	Association Between Eosinophilic Leukocyte Count and Hematoma Expansion in Acute Spontaneous Intracerebral Hemorrhage. Frontiers in Neurology, 2019, 10, 1164.	2.4	11
32	Cartilage Ablation of Sirt1 Causes Inhibition of Growth Plate Chondrogenesis by Hyperactivation of mTORC1 Signaling. Endocrinology, 2019, 160, 3001-3017.	2.8	16
33	Long Noncoding RNA lnc-HC Regulates PPARÎ³-Mediated Hepatic Lipid Metabolism through miR-130b-3p. Molecular Therapy - Nucleic Acids, 2019, 18, 954-965.	5.1	40
34	Adipokines: New Therapeutic Target for Osteoarthritis?. Current Rheumatology Reports, 2019, 21, 71.	4.7	102
35	MON-262 Aggrecan Is Required for Chondrocyte Differentiation in ATDC5 Chondroprogenitor Cells. Journal of the Endocrine Society, 2019, 3, .	0.2	0
36	Janus Base Derived Nanopieces for Delivery of Anti-miRNA Oligonucleotides in Chondrosarcoma. Transactions of the Annual Meeting of the Orthopaedic Research Society, 2019, 44, .	0.0	0

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37	Evidence that miRâ€146a attenuates agingâ€and traumaâ€induced osteoarthritis by inhibiting Notch1, <scp>IL</scp>â€6, and <scp>IL</scp>â€1 mediated catabolism. Aging Cell, 2018, 17, e12752.	6.7	76
38	Molecular characterization of mesenchymal stem cells in human osteoarthritis cartilage reveals contribution to the OA phenotype. Scientific Reports, 2018, 8, 7044.	3.3	46
39	5,7,3â€²,4â€²-Tetramethoxyflavone protects chondrocytes from ER stress-induced apoptosis through regulation of the IRE1Î± pathway. Connective Tissue Research, 2018, 59, 157-166.	2.3	10
40	Defective autophagy in osteoblasts induces endoplasmic reticulum stress and causes remarkable bone loss. Autophagy, 2018, 14, 1726-1741.	9.1	143
41	Suppressing mesenchymal stem cell hypertrophy and endochondral ossification in 3D cartilage regeneration with nanofibrous poly(l-lactic acid) scaffold and matrilin-3. Acta Biomaterialia, 2018, 76, 29-38.	8.3	46
42	Strain distribution of repaired articular cartilage defects by tissue engineering under compression loading. Journal of Orthopaedic Surgery and Research, 2018, 13, 19.	2.3	11
43	Inhibitor of apoptosis proteinâ€like proteinâ€2: A novel growth accelerator for breast cancer cells. Oncology Reports, 2018, 40, 2047-2055.	2.6	4
44	The homologous recombination protein RAD51 is a promising therapeutic target for cervical carcinoma. Oncology Reports, 2017, 38, 767-774.	2.6	51
45	Creating conditional dual fluorescence labeled transgenic animals for studying function of small noncoding RNAs. Connective Tissue Research, 2017, 58, 103-115.	2.3	2
46	miR-365 Ameliorates Dexamethasone-Induced Suppression of Osteogenesis in MC3T3-E1 Cells by Targeting HDAC4. International Journal of Molecular Sciences, 2017, 18, 977.	4.1	40
47	Ptpn11 Deletion in CD4+ Cells Does Not Affect T Cell Development and Functions but Causes Cartilage Tumors in a T Cell-Independent Manner. Frontiers in Immunology, 2017, 8, 1326.	4.8	15
48	Synovial inflammation plays a greater role in post-traumatic osteoarthritis compared to idiopathic osteoarthritis in the Hartley guinea pig knee. BMC Musculoskeletal Disorders, 2017, 18, 556.	1.9	15
49	EZH2-mediated repression of GSK-3Î² and TP53 promotes Wnt/Î²-catenin signaling-dependent cell expansion in cervical carcinoma. Oncotarget, 2016, 7, 36115-36129.	1.8	42
50	Biological and Chemical Removal of Primary Cilia Affects Mechanical Activation of Chondrogenesis Markers in Chondroprogenitors and Hypertrophic Chondrocytes. International Journal of Molecular Sciences, 2016, 17, 188.	4.1	28
51	Mechanical and IL-1Î² Responsive miR-365 Contributes to Osteoarthritis Development by Targeting Histone Deacetylase 4. International Journal of Molecular Sciences, 2016, 17, 436.	4.1	77
52	Blockade of hypoxia-induced CXCR4 with AMD3100 inhibits production of OA-associated catabolic mediators IL-1Î² and MMP-13. Molecular Medicine Reports, 2016, 14, 1475-1482.	2.4	22
53	The influence of tissue microenvironment on stem cellâ€"based cartilage repair. Annals of the New York Academy of Sciences, 2016, 1383, 21-33.	3.8	37
54	A novel dual-frequency loading system for studying mechanobiology of load-bearing tissue. Materials Science and Engineering C, 2016, 69, 262-267.	7.3	5

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55	Clock Gene Bmal1 Modulates Human Cartilage Gene Expression by Crosstalk With Sirt1. Endocrinology, 2016, 157, 3096-3107.	2.8	56
56	Deficient Mechanical Activation of Anabolic Transcripts and Post-Traumatic Cartilage Degeneration in Matrilin-1 Knockout Mice. PLoS ONE, 2016, 11, e0156676.	2.5	20
57	In Vivo Identification and Induction of Articular Cartilage Stem Cells by Inhibiting NF-Î²B Signaling in Osteoarthritis. Stem Cells, 2015, 33, 3125-3137.	3.2	50
58	miR-181a Targets RGS16 to Promote Chondrosarcoma Growth, Angiogenesis, and Metastasis. Molecular Cancer Research, 2015, 13, 1347-1357.	3.4	57
59	Potential benefits and limitations of utilizing chondroprogenitors in cell-based cartilage therapy. Connective Tissue Research, 2015, 56, 265-271.	2.3	42
60	Attenuation of cartilage pathogenesis in post-traumatic osteoarthritis (PTOA) in mice by blocking the stromal derived factor 1 receptor (CXCR4) with the specific inhibitor, AMD3100. Journal of Orthopaedic Research, 2015, 33, 1071-1078.	2.3	21
61	Mitogen-activated protein kinase p38 induces HDAC4 degradation in hypertrophic chondrocytes. Biochimica Et Biophysica Acta - Molecular Cell Research, 2015, 1853, 370-376.	4.1	19
62	MicroRNA Regulates Vascular Endothelial Growth Factor Expression in Chondrosarcoma Cells. Clinical Orthopaedics and Related Research, 2015, 473, 907-913.	1.5	42
63	Matrilin-2 Is Proteolytically Cleaved by ADAMTS-4 and ADAMTS-5. Molecules, 2014, 19, 8472-8487.	3.8	7
64	Matrilin-3 Inhibits Chondrocyte Hypertrophy as a Bone Morphogenetic Protein-2 Antagonist. Journal of Biological Chemistry, 2014, 289, 34768-34779.	3.4	46
65	Indian Hedgehog in Synovial Fluid Is a Novel Marker for Early Cartilage Lesions in Human Knee Joint. International Journal of Molecular Sciences, 2014, 15, 7250-7265.	4.1	42
66	Matrilin-3 Chondrodysplasia Mutations Cause Attenuated Chondrogenesis, Premature Hypertrophy and Aberrant Response to TGF-Î² in Chondroprogenitor Cells. International Journal of Molecular Sciences, 2014, 15, 14555-14573.	4.1	22
67	Identification of Î±₂â€Macroglobulin as a Master Inhibitor of CartilageâEDegrading Factors That Attenuates the Progression of Posttraumatic Osteoarthritis. Arthritis and Rheumatology, 2014, 66, 1843-1853.	5.6	66
68	Matrilin-1 Is an Inhibitor of Neovascularization. Journal of Biological Chemistry, 2014, 289, 14301-14309.	3.4	17
69	Disrupting the Indian hedgehog signaling pathway in vivo attenuates surgically induced osteoarthritis progression in Col2a1-CreERT2; Ihhfl/fl mice. Arthritis Research and Therapy, 2014, 16, R11.	3.5	88
70	Live-Cell, Temporal Gene Expression Analysis of Osteogenic Differentiation in Adipose-Derived Stem Cells. Tissue Engineering - Part A, 2014, 20, 899-907.	3.1	19
71	MicroRNAâ€1 regulates chondrocyte phenotype by repressing histone deacetylase 4 during growth plate development. FASEB Journal, 2014, 28, 3930-3941.	0.5	40
72	Mechanical activation of mammalian target of rapamycin pathway is required for cartilage development. FASEB Journal, 2014, 28, 4470-4481.	0.5	35

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73	Correction: Attenuation of osteoarthritis via blockade of the SDF-1/CXCR4 signaling pathway. Arthritis Research and Therapy, 2013, 15, 410.	3.5	1
74	Ptpn11 deletion in a novel progenitor causes metachondromatosis by inducing hedgehog signalling. Nature, 2013, 499, 491-495.	27.8	190
75	Live-Cell, Temporal Gene Expression Analysis of Osteogenic Differentiation in Adipose-Derived Stem Cells. Tissue Engineering - Part A, 2013, 19, 40-48.	3.1	26
76	CXCR4-Targeted Therapy Inhibits VEGF Expression and Chondrosarcoma Angiogenesis and Metastasis. Molecular Cancer Therapeutics, 2013, 12, 1163-1170.	4.1	64
77	Subcellular relocation of histone deacetylase 4 regulates growth plate chondrocyte differentiation through Ca²⁺/calmodulin-dependent kinase IV. American Journal of Physiology - Cell Physiology, 2012, 303, C33-C40.	4.6	31
78	Genetic inhibition of fibroblast growth factor receptor 1 in knee cartilage attenuates the degeneration of articular cartilage in adult mice. Arthritis and Rheumatism, 2012, 64, 3982-3992.	6.7	81
79	A haplotype of MATN3 is associated with vertebral fracture in Chinese postmenopausal women: Peking Vertebral Fracture (PK-VF) study. Bone, 2012, 50, 917-924.	2.9	8
80	Matrilin-3 Induction of IL-1 receptor antagonist Is required for up-regulating collagen II and aggrecan and down-regulating ADAMTS-5 gene expression. Arthritis Research and Therapy, 2012, 14, R197.	3.5	37
81	Attenuation of osteoarthritis via blockade of the SDF-1/CXCR4 signaling pathway. Arthritis Research and Therapy, 2012, 14, R177.	3.5	65
82	miR-146a, an IL-1Î² responsive miRNA, induces vascular endothelial growth factor and chondrocyte apoptosis by targeting Smad4. Arthritis Research and Therapy, 2012, 14, R75.	3.5	139
83	Activation of Indian hedgehog promotes chondrocyte hypertrophy and upregulation of MMP-13 in human osteoarthritic cartilage. Osteoarthritis and Cartilage, 2012, 20, 755-763.	1.3	123
84	Abstract SY15-01: Cellular context-specific tumor suppression byPTPN11. , 2012, , .		0
85	MiRâ€365: a mechanosensitive microRNA stimulates chondrocyte differentiation through targeting histone deacetylase 4. FASEB Journal, 2011, 25, 4457-4466.	0.5	126
86	Inhibition of MAP kinase in synovium by treatment with tocilizumab in rheumatoid arthritis. Clinical Rheumatology, 2011, 30, 1407-1413.	2.2	21
87	Comparison of differential biomarkers of osteoarthritis with and without posttraumatic injury in the Hartley guinea pig model. Journal of Orthopaedic Research, 2010, 28, 900-906.	2.3	72
88	The developmental expression profile of PAX2 in the murine prostate. Prostate, 2010, 70, 654-665.	2.3	4
89	CXCR4/SDF1 mediate hypoxia induced chondrosarcoma cell invasion through ERK signaling and increased MMP1 expression. Molecular Cancer, 2010, 9, 17.	19.2	71
90	Rheumatoid and osteoarthritis in cartilage and bone health. Bone, 2010, 47, S354.	2.9	0

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91	Pre-clinical animal models of osteoarthritis. Bone, 2010, 47, S350-S351.	2.9	0
92	Activation of Indian hedgehog promotes chondrocyte hypertrophy and upregulation of MMP-13 in human osteoarthritic cartilage. Bone, 2010, 47, S361-S362.	2.9	0
93	Stimulation of chondrocyte hypertrophy by chemokine stromal cell-derived factor 1 in the chondro-osseous junction during endochondral bone formation. Developmental Biology, 2010, 341, 236-245.	2.0	59
94	Androgen mediated translational and postranslational regulation of IGFBP-2 in androgen-sensitive LNCaP human prostate cancer cells. American Journal of Translational Research (discontinued), 2010, 2, 200-8.	0.0	2
95	HDAC4 Represses Vascular Endothelial Growth Factor Expression in Chondrosarcoma by Modulating RUNX2 Activity. Journal of Biological Chemistry, 2009, 284, 21881-21890.	3.4	57
96	Leucine restriction inhibits chondrocyte proliferation and differentiation through mechanisms both dependent and independent of mTOR signaling. American Journal of Physiology - Endocrinology and Metabolism, 2009, 296, E1374-E1382.	3.5	28
97	The effect of rapamycin on bone growth in rabbits. Journal of Orthopaedic Research, 2009, 27, 1157-1161.	2.3	38
98	Inducement of mitogen-activated protein kinases in frozen shoulders. Journal of Orthopaedic Science, 2009, 14, 56-61.	1.1	49
99	A Biomechanical Comparison of All-Inside Meniscus Repair Techniques. Journal of Surgical Research, 2009, 155, 82-88.	1.6	25
100	Multiple functions of the von Willebrand Factor A domain in matrilins: secretion, assembly, and proteolysis. Journal of Orthopaedic Surgery and Research, 2008, 3, 21.	2.3	12
101	mTOR signaling contributes to chondrocyte differentiation. Developmental Dynamics, 2008, 237, 702-712.	1.8	78
102	Reduced limb length and worsened osteoarthritis in adult mice after genetic inhibition of p38 MAP kinase activity in cartilage. Arthritis and Rheumatism, 2008, 58, 3520-3529.	6.7	36
103	Enhancing and maintaining chondrogenesis of synovial fibroblasts by cartilage extracellular matrix protein matrilins. Osteoarthritis and Cartilage, 2008, 16, 1110-1117.	1.3	47
104	Chondrocyte Mechanotransduction in Three-Dimensional Cell Culture. , 2008, , 153-163.		0
105	Epiphysiodesis with Infusion of Stromal Cell-Derived Factor-1 in Rabbit Growth Plates. Journal of Bone and Joint Surgery - Series A, 2007, 89, 102-113.	3.0	11
106	Hormonal regulation of IGFBP-2 proteolysis is attenuated with progression to androgen insensitivity in the LNCaP progression model. Journal of Cellular Physiology, 2007, 213, 261-268.	4.1	16
107	Epiphysiodesis with Infusion of Stromal Cell- Derived Factor-1 in Rabbit Growth Plates. Journal of Bone and Joint Surgery - Series A, 2007, 89, 102-113.	3.0	1
108	CD95-induced osteoarthritic chondrocyte apoptosis and necrosis: dependency on p38 mitogen-activated protein kinase. Arthritis Research and Therapy, 2006, 8, R37.	3.5	48

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109	Identification of clock as a mechanosensitive gene by large-scale DNA microarray analysis: downregulation in osteoarthritic cartilage. Modern Rheumatology, 2006, 16, 131-136.	1.8	28
110	Functional Knockout of the Matrilin-3 Gene Causes Premature Chondrocyte Maturation to Hypertrophy and Increases Bone Mineral Density and Osteoarthritis. American Journal of Pathology, 2006, 169, 515-527.	3.8	95
111	Osteocytes subjected to pulsating fluid flow regulate osteoblast proliferation and differentiation. Biochemical and Biophysical Research Communications, 2006, 348, 1082-1088.	2.1	130
112	Differential expression of type X collagen in a mechanically active 3-D chondrocyte culture system: a quantitative study. Journal of Orthopaedic Surgery and Research, 2006, 1, 15.	2.3	20
113	Pericellular Matrilins Regulate Activation of Chondrocytes by Cyclic Load-Induced Matrix Deformation. Journal of Bone and Mineral Research, 2006, 22, 318-328.	2.8	34
114	Identification of clock as a mechanosensitive gene by large-scale DNA microarray analysis: downregulation in osteoarthritic cartilage. Modern Rheumatology, 2006, 16, 131-136.	1.8	20
115	The MAP Kinase Signaling Pathways Regulating Bone Formation. FASEB Journal, 2006, 20, A868.	0.5	0
116	Chondrocyte death induced by pathological concentration of chemokine stromal cell-derived factor-1. Journal of Rheumatology, 2006, 33, 1818-26.	2.0	38
117	Skeletal mechanobiology: where does it go in the ???post-dinosaur??? age?. Current Opinion in Orthopaedics, 2005, 16, 309-310.	0.3	0
118	Differential Pretensions of a Flexor Tendon Graft for Anterior Cruciate Ligament Reconstruction: A Biomechanical Comparison in a Porcine Knee Model. Arthroscopy - Journal of Arthroscopic and Related Surgery, 2005, 21, 540-546.	2.7	26
119	ENDOCHONDRAL BONE FORMATION AND EXTRACELLULAR MATRIX. , 2005, , 145-162.		0
120	Insulin-like growth factor-I signaling is modified during chondrocyte differentiation. Journal of Endocrinology, 2004, 183, 477-486.	2.6	63
121	Synovectomy reduces stromal-cell-derived factor-1 (SDF-1) which is involved in the destruction of cartilage in osteoarthritis and rheumatoid arthritis. Journal of Bone and Joint Surgery: British Volume, 2004, 86-B, 296-300.	3.4	96
122	Mechanotransduction Pathways in Cartilage. , 2004, , 89-98.		0
123	1H magnetic resonance spectroscopy of nanomelic chicken cartilage: effect of aggrecan depletion on cartilage T2. Osteoarthritis and Cartilage, 2003, 11, 709-715.	1.3	15
124	Mechanisms underlying mechanical regulation of cartilage growth. Current Opinion in Orthopaedics, 2003, 14, 307-310.	0.3	2
125	Regulation of cartilage maturation: intracellular pathways and extracellular modulators. Current Opinion in Orthopaedics, 2002, 13, 329-332.	0.3	0
126	Stimulation of matrix metalloprotease 3 release from human chondrocytes by the interaction of stromal cell-derived factor 1 and CXC chemokine receptor 4. Arthritis and Rheumatism, 2002, 46, 130-137.	6.7	176

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127	Indian hedgehog Is an Essential Component of Mechanotransduction Complex to Stimulate Chondrocyte Proliferation. Journal of Biological Chemistry, 2001, 276, 35290-35296.	3.4	157
128	Mitogen-activated Protein Kinase p38 Mediates Regulation of Chondrocyte Differentiation by Parathyroid Hormone. Journal of Biological Chemistry, 2001, 276, 4879-4885.	3.4	88
129	Osteopontin Gene Regulation by Oscillatory Fluid Flow via Intracellular Calcium Mobilization and Activation of Mitogen-activated Protein Kinase in MC3T3â€“E1 Osteoblasts. Journal of Biological Chemistry, 2001, 276, 13365-13371.	3.4	342
130	Substrate Deformation Levels Associated With Routine Physical Activity Are Less Stimulatory to Bone Cells Relative to Loading-Induced Oscillatory Fluid Flow. Journal of Biomechanical Engineering, 2000, 122, 387-393.	1.3	313
131	Changes of Matrilin Forms during Endochondral Ossification. Journal of Biological Chemistry, 2000, 275, 32628-32634.	3.4	58
132	Mechanoregulation of Chondrocyte Proliferation, Maturation, and Hypertrophy: Ion-Channel Dependent Transduction of Matrix Deformation Signals. Experimental Cell Research, 2000, 256, 383-391.	2.6	190
133	The Noncollagenous Domain 1 of Type X Collagen. Journal of Biological Chemistry, 1999, 274, 22409-22413.	3.4	31
134	Assembly of a Novel Cartilage Matrix Protein Filamentous Network: Molecular Basis of Differential Requirement of von Willebrand Factor A Domains. Molecular Biology of the Cell, 1999, 10, 2149-2162.	2.1	66
135	Type X Collagen and Other Up-Regulated Components of the Avian Hypertrophic Cartilage Program. Progress in Molecular Biology and Translational Science, 1998, 60, 79-109.	1.9	18
136	Cartilage Matrix Protein: Expression Patterns in Chicken, Mouse, and Humana. Annals of the New York Academy of Sciences, 1996, 785, 238-240.	3.8	7
137	The Role of Coiled-coil Î±-Helices and Disulfide Bonds in the Assembly and Stabilization of Cartilage Matrix Protein Subunits. Journal of Biological Chemistry, 1995, 270, 23150-23154.	3.4	38
138	Progression and Recapitulation of the Chondrocyte Differentiation Program: Cartilage Matrix Protein Is a Marker for Cartilage Maturation. Developmental Biology, 1995, 172, 293-306.	2.0	111
139	Assembly of Type X Collagen by Hypertrophic Chondrocytes. , 1994, , 171-206.		9
140	Type II collagen during cartilage and corneal development: Immunohistochemical analysis with an anti-telopeptide antibody. Developmental Dynamics, 1993, 196, 47-53.	1.8	15
141	Chicken tibial dyschondroplasia: A limb mutant with two growth plates and possible defects of collagen crosslinking. Developmental Dynamics, 1993, 196, 54-61.	1.8	38
142	Domains of type X collagen: alteration of cartilage matrix by fibril association and proteoglycan accumulation.. Journal of Cell Biology, 1992, 117, 687-694.	5.2	32
143	Type X collagen: covalent crosslinking to hypertrophic cartilage-collagen fibrils. Bone and Mineral, 1992, 17, 223-227.	1.9	18
144	Long-range movement and fibril association of type X collagen within embryonic cartilage matrix.. Proceedings of the National Academy of Sciences of the United States of America, 1990, 87, 8046-8050.	7.1	35

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145	Cloning, sequencing and expression of a full-length rabbit fast skeletal troponin-C cDNA. FEBS Letters, 1988, 228, 22-26.	2.8	17