

Qian Chen

List of Publications by Year in descending order

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145
papers

5,922
citations

81434

41
h-index

100535

70
g-index

151
all docs

151
docs citations

151
times ranked

7300
citing authors

#	ARTICLE	IF	CITATIONS
1	Dilated Optic Nerve Sheath Diameter Predicts Poor Outcome in Acute Spontaneous Intracerebral Hemorrhage. <i>Cerebrovascular Diseases</i> , 2022, 51, 199-206.	0.8	2
2	Pdcd4 promotes lipid deposition by attenuating PPAR α -mediated fatty acid oxidation in hepatocytes. <i>Molecular and Cellular Endocrinology</i> , 2022, 545, 111562.	1.6	4
3	Senescence-Associated Cell Transition and Interaction (SACTAI): A Proposed Mechanism for Tissue Aging, Repair, and Degeneration. <i>Cells</i> , 2022, 11, 1089.	1.8	7
4	Cholesterol-induced leucine aminopeptidase 3 (LAP3) upregulation inhibits cell autophagy in pathogenesis of NAFLD. <i>Aging</i> , 2022, 14, 3259-3275.	1.4	8
5	Clinical-radiomics Nomogram for Risk Estimation of Early Hematoma Expansion after Acute Intracerebral Hemorrhage. <i>Academic Radiology</i> , 2021, 28, 307-317.	1.3	35
6	Radiomics in Stroke Neuroimaging: Techniques, Applications, and Challenges. , 2021, 12, 143.		45
7	Radiomics for intracerebral hemorrhage: are all small hematomas benign?. <i>British Journal of Radiology</i> , 2021, 94, 20201047.	1.0	10
8	Inhibition of miR-188-5p alleviates hepatic fibrosis by significantly reducing the activation and proliferation of HSCs through PTEN/PI3K/AKT pathway. <i>Journal of Cellular and Molecular Medicine</i> , 2021, 25, 4073-4087.	1.6	32
9	Predicting intraventricular hemorrhage growth with a machine learning-based, radiomics-clinical model. <i>Aging</i> , 2021, 13, 12833-12848.	1.4	13
10	IFN- γ contributes to the hepatic inflammation in HFD-induced nonalcoholic steatohepatitis by STAT1 $^{\Delta 2}$ /TLR2 signaling pathway. <i>Molecular Immunology</i> , 2021, 134, 118-128.	1.0	8
11	Senescent Tissue-Resident Mesenchymal Stromal Cells Are an Internal Source of Inflammation in Human Osteoarthritic Cartilage. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 725071.	1.8	11
12	Sonic Hedgehog Induces Mesenchymal Stromal Cell Senescence-Associated Secretory Phenotype and Chondrocyte Apoptosis in Human Osteoarthritic Cartilage. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 716610.	1.8	6
13	COBRE for Skeletal Health and Repair: The Impact of Aging on the Capacity for Peripheral Nerve Regeneration. <i>Rhode Island Medical Journal</i> (2013), 2021, 104, 39-45.	0.2	0
14	Ginsenoside Rb1 and Rb2 upregulate Akt/mTOR signaling-mediated muscular hypertrophy and myoblast differentiation. <i>Journal of Ginseng Research</i> , 2020, 44, 435-441.	3.0	30
15	Mesenchymal Stem Cell (MSC)-Derived Extracellular Vesicles: Potential Therapeutics as MSC Trophic Mediators in Regenerative Medicine. <i>Anatomical Record</i> , 2020, 303, 1735-1742.	0.8	23
16	Comparison of Ultra-Early Hematoma Growth and Common Noncontrast Computed Tomography Features in Predicting Hematoma Enlargement in Patients with Spontaneous Intracerebral Hemorrhage. <i>World Neurosurgery</i> , 2020, 134, e75-e81.	0.7	3
17	Design and Synthesis of Novel Nordihydroguaiaretic Acid (NDGA) Analogues as Potential FGFR1 Kinase Inhibitors With Anti-Gastric Activity and Chemosensitizing Effect. <i>Frontiers in Pharmacology</i> , 2020, 11, 518068.	1.6	2
18	20(S)-Rg3 upregulates FDF1 via reducing miR-4425 to inhibit ovarian cancer progression. <i>Archives of Biochemistry and Biophysics</i> , 2020, 693, 108569.	1.4	10

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19	Distal-Less Homeobox 5 Is a Therapeutic Target for Attenuating Hypertrophy and Apoptosis of Mesenchymal Progenitor Cells. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4823.	1.8	7
20	Senescent Mesenchymal Stem Cells: Disease Mechanism and Treatment Strategy. <i>Current Molecular Biology Reports</i> , 2020, 6, 173-182.	0.8	11
21	Human osteoarthritis cartilage-derived stromal cells activate joint degeneration through TGF β lateral signaling. <i>FASEB Journal</i> , 2020, 34, 16552-16566.	0.2	17
22	Epigallocatechin Gallate Protects Mice against Methionine-Choline-Deficient-Diet-Induced Nonalcoholic Steatohepatitis by Improving Gut Microbiota To Attenuate Hepatic Injury and Regulate Metabolism. <i>ACS Omega</i> , 2020, 5, 20800-20809.	1.6	33
23	Computational View toward the Inhibition of SARS-CoV-2 Spike Glycoprotein and the 3CL Protease. <i>Computation</i> , 2020, 8, 53.	1.0	26
24	Blend Sign Is a Strong Predictor of the Extent of Early Hematoma Expansion in Spontaneous Intracerebral Hemorrhage. <i>Frontiers in Neurology</i> , 2020, 11, 334.	1.1	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- κ B pathways. <i>International Immunopharmacology</i> , 2020, 82, 106368.	1.7	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. <i>Bioscience Reports</i> , 2020, 40, .	1.1	3
27	Chondrogenic induction of human osteoarthritic cartilage-derived mesenchymal stem cells activates mineralization and hypertrophic and osteogenic gene expression through a mechanomiR. <i>Arthritis Research and Therapy</i> , 2019, 21, 167.	1.6	27
28	Aggrecan is required for chondrocyte differentiation in ATDC5 chondroprogenitor cells. <i>PLoS ONE</i> , 2019, 14, e0218399.	1.1	14
29	Prediction of hematoma expansion in spontaneous intracerebral hemorrhage using support vector machine. <i>EBioMedicine</i> , 2019, 43, 454-459.	2.7	57
30	Anti-miRNA Oligonucleotide Therapy for Chondrosarcoma. <i>Molecular Cancer Therapeutics</i> , 2019, 18, 2021-2029.	1.9	30
31	Association Between Eosinophilic Leukocyte Count and Hematoma Expansion in Acute Spontaneous Intracerebral Hemorrhage. <i>Frontiers in Neurology</i> , 2019, 10, 1164.	1.1	11
32	Cartilage Ablation of Sirt1 Causes Inhibition of Growth Plate Chondrogenesis by Hyperactivation of mTORC1 Signaling. <i>Endocrinology</i> , 2019, 160, 3001-3017.	1.4	16
33	Long Noncoding RNA Inc-HC Regulates PPAR β -Mediated Hepatic Lipid Metabolism through miR-130b-3p. <i>Molecular Therapy - Nucleic Acids</i> , 2019, 18, 954-965.	2.3	40
34	Adipokines: New Therapeutic Target for Osteoarthritis?. <i>Current Rheumatology Reports</i> , 2019, 21, 71.	2.1	102
35	MON-262 Aggrecan Is Required for Chondrocyte Differentiation in ATDC5 Chondroprogenitor Cells. <i>Journal of the Endocrine Society</i> , 2019, 3, .	0.1	0
36	Janus Base Derived Nanopieces for Delivery of Anti-miRNA Oligonucleotides in Chondrosarcoma. <i>Transactions of the Annual Meeting of the Orthopaedic Research Society</i> , 2019, 44, .	0.0	0

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37	Evidence that miR-146a attenuates aging- and trauma-induced osteoarthritis by inhibiting Notch1, β -catenin, and β -casein mediated catabolism. <i>Aging Cell</i> , 2018, 17, e12752.	3.0	76
38	Molecular characterization of mesenchymal stem cells in human osteoarthritis cartilage reveals contribution to the OA phenotype. <i>Scientific Reports</i> , 2018, 8, 7044.	1.6	46
39	5,7,38,49-Tetramethoxyflavone protects chondrocytes from ER stress-induced apoptosis through regulation of the IRE1 α pathway. <i>Connective Tissue Research</i> , 2018, 59, 157-166.	1.1	10
40	Defective autophagy in osteoblasts induces endoplasmic reticulum stress and causes remarkable bone loss. <i>Autophagy</i> , 2018, 14, 1726-1741.	4.3	143
41	Suppressing mesenchymal stem cell hypertrophy and endochondral ossification in 3D cartilage regeneration with nanofibrous poly(L-lactic acid) scaffold and matrilin-3. <i>Acta Biomaterialia</i> , 2018, 76, 29-38.	4.1	46
42	Strain distribution of repaired articular cartilage defects by tissue engineering under compression loading. <i>Journal of Orthopaedic Surgery and Research</i> , 2018, 13, 19.	0.9	11
43	Inhibitor of apoptosis protein-like protein 2: A novel growth accelerator for breast cancer cells. <i>Oncology Reports</i> , 2018, 40, 2047-2055.	1.2	4
44	The homologous recombination protein RAD51 is a promising therapeutic target for cervical carcinoma. <i>Oncology Reports</i> , 2017, 38, 767-774.	1.2	51
45	Creating conditional dual fluorescence labeled transgenic animals for studying function of small noncoding RNAs. <i>Connective Tissue Research</i> , 2017, 58, 103-115.	1.1	2
46	miR-365 Ameliorates Dexamethasone-Induced Suppression of Osteogenesis in MC3T3-E1 Cells by Targeting HDAC4. <i>International Journal of Molecular Sciences</i> , 2017, 18, 977.	1.8	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. <i>Frontiers in Immunology</i> , 2017, 8, 1326.	2.2	15
48	Synovial inflammation plays a greater role in post-traumatic osteoarthritis compared to idiopathic osteoarthritis in the Hartley guinea pig knee. <i>BMC Musculoskeletal Disorders</i> , 2017, 18, 556.	0.8	15
49	EZH2-mediated repression of GSK-3 β and TP53 promotes Wnt/ β -catenin signaling-dependent cell expansion in cervical carcinoma. <i>Oncotarget</i> , 2016, 7, 36115-36129.	0.8	42
50	Biological and Chemical Removal of Primary Cilia Affects Mechanical Activation of Chondrogenesis Markers in Chondroprogenitors and Hypertrophic Chondrocytes. <i>International Journal of Molecular Sciences</i> , 2016, 17, 188.	1.8	28
51	Mechanical and IL-1 β Responsive miR-365 Contributes to Osteoarthritis Development by Targeting Histone Deacetylase 4. <i>International Journal of Molecular Sciences</i> , 2016, 17, 436.	1.8	77
52	Blockade of hypoxia-induced CXCR4 with AMD3100 inhibits production of OA-associated catabolic mediators IL-1 β and MMP-13. <i>Molecular Medicine Reports</i> , 2016, 14, 1475-1482.	1.1	22
53	The influence of tissue microenvironment on stem cell-based cartilage repair. <i>Annals of the New York Academy of Sciences</i> , 2016, 1383, 21-33.	1.8	37
54	A novel dual-frequency loading system for studying mechanobiology of load-bearing tissue. <i>Materials Science and Engineering C</i> , 2016, 69, 262-267.	3.8	5

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55	Clock Gene Bmal1 Modulates Human Cartilage Gene Expression by Crosstalk With Sirt1. <i>Endocrinology</i> , 2016, 157, 3096-3107.	1.4	56
56	Deficient Mechanical Activation of Anabolic Transcripts and Post-Traumatic Cartilage Degeneration in Matrilin-1 Knockout Mice. <i>PLoS ONE</i> , 2016, 11, e0156676.	1.1	20
57	In Vivo Identification and Induction of Articular Cartilage Stem Cells by Inhibiting NF- κ B Signaling in Osteoarthritis. <i>Stem Cells</i> , 2015, 33, 3125-3137.	1.4	50
58	miR-181a Targets RGS16 to Promote Chondrosarcoma Growth, Angiogenesis, and Metastasis. <i>Molecular Cancer Research</i> , 2015, 13, 1347-1357.	1.5	57
59	Potential benefits and limitations of utilizing chondroprogenitors in cell-based cartilage therapy. <i>Connective Tissue Research</i> , 2015, 56, 265-271.	1.1	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. <i>Journal of Orthopaedic Research</i> , 2015, 33, 1071-1078.	1.2	21
61	Mitogen-activated protein kinase p38 induces HDAC4 degradation in hypertrophic chondrocytes. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2015, 1853, 370-376.	1.9	19
62	MicroRNA Regulates Vascular Endothelial Growth Factor Expression in Chondrosarcoma Cells. <i>Clinical Orthopaedics and Related Research</i> , 2015, 473, 907-913.	0.7	42
63	Matrilin-2 Is Proteolytically Cleaved by ADAMTS-4 and ADAMTS-5. <i>Molecules</i> , 2014, 19, 8472-8487.	1.7	7
64	Matrilin-3 Inhibits Chondrocyte Hypertrophy as a Bone Morphogenetic Protein-2 Antagonist. <i>Journal of Biological Chemistry</i> , 2014, 289, 34768-34779.	1.6	46
65	Indian Hedgehog in Synovial Fluid Is a Novel Marker for Early Cartilage Lesions in Human Knee Joint. <i>International Journal of Molecular Sciences</i> , 2014, 15, 7250-7265.	1.8	42
66	Matrilin-3 Chondrodysplasia Mutations Cause Attenuated Chondrogenesis, Premature Hypertrophy and Aberrant Response to TGF- β 2 in Chondroprogenitor Cells. <i>International Journal of Molecular Sciences</i> , 2014, 15, 14555-14573.	1.8	22
67	Identification of α 2-Macroglobulin as a Master Inhibitor of Cartilage-Degrading Factors That Attenuates the Progression of Posttraumatic Osteoarthritis. <i>Arthritis and Rheumatology</i> , 2014, 66, 1843-1853.	2.9	66
68	Matrilin-1 Is an Inhibitor of Neovascularization. <i>Journal of Biological Chemistry</i> , 2014, 289, 14301-14309.	1.6	17
69	Disrupting the Indian hedgehog signaling pathway in vivo attenuates surgically induced osteoarthritis progression in Col2a1-CreERT2; <i>Ihhfl/fl</i> mice. <i>Arthritis Research and Therapy</i> , 2014, 16, R11.	1.6	88
70	Live-Cell, Temporal Gene Expression Analysis of Osteogenic Differentiation in Adipose-Derived Stem Cells. <i>Tissue Engineering - Part A</i> , 2014, 20, 899-907.	1.6	19
71	MicroRNA- ϵ 1 regulates chondrocyte phenotype by repressing histone deacetylase 4 during growth plate development. <i>FASEB Journal</i> , 2014, 28, 3930-3941.	0.2	40
72	Mechanical activation of mammalian target of rapamycin pathway is required for cartilage development. <i>FASEB Journal</i> , 2014, 28, 4470-4481.	0.2	35

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73	Correction: Attenuation of osteoarthritis via blockade of the SDF-1/CXCR4 signaling pathway. <i>Arthritis Research and Therapy</i> , 2013, 15, 410.	1.6	1
74	Ptpn11 deletion in a novel progenitor causes metachondromatosis by inducing hedgehog signalling. <i>Nature</i> , 2013, 499, 491-495.	13.7	190
75	Live-Cell, Temporal Gene Expression Analysis of Osteogenic Differentiation in Adipose-Derived Stem Cells. <i>Tissue Engineering - Part A</i> , 2013, 19, 40-48.	1.6	26
76	CXCR4-Targeted Therapy Inhibits VEGF Expression and Chondrosarcoma Angiogenesis and Metastasis. <i>Molecular Cancer Therapeutics</i> , 2013, 12, 1163-1170.	1.9	64
77	Subcellular relocation of histone deacetylase 4 regulates growth plate chondrocyte differentiation through Ca ²⁺ /calmodulin-dependent kinase IV. <i>American Journal of Physiology - Cell Physiology</i> , 2012, 303, C33-C40.	2.1	31
78	Genetic inhibition of fibroblast growth factor receptor 1 in knee cartilage attenuates the degeneration of articular cartilage in adult mice. <i>Arthritis and Rheumatism</i> , 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. <i>Bone</i> , 2012, 50, 917-924.	1.4	8
80	Matrilin-3 Induction of IL-1 receptor antagonist 1s required for up-regulating collagen II and aggrecan and down-regulating ADAMTS-5 gene expression. <i>Arthritis Research and Therapy</i> , 2012, 14, R197.	1.6	37
81	Attenuation of osteoarthritis via blockade of the SDF-1/CXCR4 signaling pathway. <i>Arthritis Research and Therapy</i> , 2012, 14, R177.	1.6	65
82	miR-146a, an IL-1 β responsive miRNA, induces vascular endothelial growth factor and chondrocyte apoptosis by targeting Smad4. <i>Arthritis Research and Therapy</i> , 2012, 14, R75.	1.6	139
83	Activation of Indian hedgehog promotes chondrocyte hypertrophy and upregulation of MMP-13 in human osteoarthritic cartilage. <i>Osteoarthritis and Cartilage</i> , 2012, 20, 755-763.	0.6	123
84	Abstract SY15-01: Cellular context-specific tumor suppression byPTPN11. , 2012, , .		0
85	MiR-365: a mechanosensitive microRNA stimulates chondrocyte differentiation through targeting histone deacetylase 4. <i>FASEB Journal</i> , 2011, 25, 4457-4466.	0.2	126
86	Inhibition of MAP kinase in synovium by treatment with tocilizumab in rheumatoid arthritis. <i>Clinical Rheumatology</i> , 2011, 30, 1407-1413.	1.0	21
87	Comparison of differential biomarkers of osteoarthritis with and without posttraumatic injury in the Hartley guinea pig model. <i>Journal of Orthopaedic Research</i> , 2010, 28, 900-906.	1.2	72
88	The developmental expression profile of PAX2 in the murine prostate. <i>Prostate</i> , 2010, 70, 654-665.	1.2	4
89	CXCR4/SDF1 mediate hypoxia induced chondrosarcoma cell invasion through ERK signaling and increased MMP1 expression. <i>Molecular Cancer</i> , 2010, 9, 17.	7.9	71
90	Rheumatoid and osteoarthritis in cartilage and bone health. <i>Bone</i> , 2010, 47, S354.	1.4	0

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91	Pre-clinical animal models of osteoarthritis. <i>Bone</i> , 2010, 47, S350-S351.	1.4	0
92	Activation of Indian hedgehog promotes chondrocyte hypertrophy and upregulation of MMP-13 in human osteoarthritic cartilage. <i>Bone</i> , 2010, 47, S361-S362.	1.4	0
93	Stimulation of chondrocyte hypertrophy by chemokine stromal cell-derived factor 1 in the chondro-osseous junction during endochondral bone formation. <i>Developmental Biology</i> , 2010, 341, 236-245.	0.9	59
94	Androgen mediated translational and posttranslational regulation of IGFBP-2 in androgen-sensitive LNCaP human prostate cancer cells. <i>American Journal of Translational Research (discontinued)</i> , 2010, 2, 200-8.	0.0	2
95	HDAC4 Represses Vascular Endothelial Growth Factor Expression in Chondrosarcoma by Modulating RUNX2 Activity. <i>Journal of Biological Chemistry</i> , 2009, 284, 21881-21890.	1.6	57
96	Leucine restriction inhibits chondrocyte proliferation and differentiation through mechanisms both dependent and independent of mTOR signaling. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2009, 296, E1374-E1382.	1.8	28
97	The effect of rapamycin on bone growth in rabbits. <i>Journal of Orthopaedic Research</i> , 2009, 27, 1157-1161.	1.2	38
98	Inducement of mitogen-activated protein kinases in frozen shoulders. <i>Journal of Orthopaedic Science</i> , 2009, 14, 56-61.	0.5	49
99	A Biomechanical Comparison of All-Inside Meniscus Repair Techniques. <i>Journal of Surgical Research</i> , 2009, 155, 82-88.	0.8	25
100	Multiple functions of the von Willebrand Factor A domain in matrilins: secretion, assembly, and proteolysis. <i>Journal of Orthopaedic Surgery and Research</i> , 2008, 3, 21.	0.9	12
101	mTOR signaling contributes to chondrocyte differentiation. <i>Developmental Dynamics</i> , 2008, 237, 702-712.	0.8	78
102	Reduced limb length and worsened osteoarthritis in adult mice after genetic inhibition of p38 MAP kinase activity in cartilage. <i>Arthritis and Rheumatism</i> , 2008, 58, 3520-3529.	6.7	36
103	Enhancing and maintaining chondrogenesis of synovial fibroblasts by cartilage extracellular matrix protein matrilins. <i>Osteoarthritis and Cartilage</i> , 2008, 16, 1110-1117.	0.6	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. <i>Journal of Bone and Joint Surgery - Series A</i> , 2007, 89, 102-113.	1.4	11
106	Hormonal regulation of IGFBP-2 proteolysis is attenuated with progression to androgen insensitivity in the LNCaP progression model. <i>Journal of Cellular Physiology</i> , 2007, 213, 261-268.	2.0	16
107	Epiphysiodesis with Infusion of Stromal Cell- Derived Factor-1 in Rabbit Growth Plates. <i>Journal of Bone and Joint Surgery - Series A</i> , 2007, 89, 102-113.	1.4	1
108	CD95-induced osteoarthritic chondrocyte apoptosis and necrosis: dependency on p38 mitogen-activated protein kinase. <i>Arthritis Research and Therapy</i> , 2006, 8, R37.	1.6	48

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109	Identification of clock as a mechanosensitive gene by large-scale DNA microarray analysis: downregulation in osteoarthritic cartilage. <i>Modern Rheumatology</i> , 2006, 16, 131-136.	0.9	28
110	Functional Knockout of the Matrilin-3 Gene Causes Premature Chondrocyte Maturation to Hypertrophy and Increases Bone Mineral Density and Osteoarthritis. <i>American Journal of Pathology</i> , 2006, 169, 515-527.	1.9	95
111	Osteocytes subjected to pulsating fluid flow regulate osteoblast proliferation and differentiation. <i>Biochemical and Biophysical Research Communications</i> , 2006, 348, 1082-1088.	1.0	130
112	Differential expression of type X collagen in a mechanically active 3-D chondrocyte culture system: a quantitative study. <i>Journal of Orthopaedic Surgery and Research</i> , 2006, 1, 15.	0.9	20
113	Pericellular Matrilins Regulate Activation of Chondrocytes by Cyclic Load-Induced Matrix Deformation. <i>Journal of Bone and Mineral Research</i> , 2006, 22, 318-328.	3.1	34
114	Identification of clock as a mechanosensitive gene by large-scale DNA microarray analysis: downregulation in osteoarthritic cartilage. <i>Modern Rheumatology</i> , 2006, 16, 131-136.	0.9	20
115	The MAP Kinase Signaling Pathways Regulating Bone Formation. <i>FASEB Journal</i> , 2006, 20, A868.	0.2	0
116	Chondrocyte death induced by pathological concentration of chemokine stromal cell-derived factor-1. <i>Journal of Rheumatology</i> , 2006, 33, 1818-26.	1.0	38
117	Skeletal mechanobiology: where does it go in the ???post-dinosaur??? age?. <i>Current Opinion in Orthopaedics</i> , 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. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2005, 21, 540-546.	1.3	26
119	ENDOCHONDRAL BONE FORMATION AND EXTRACELLULAR MATRIX. , 2005, , 145-162.		0
120	Insulin-like growth factor-I signaling is modified during chondrocyte differentiation. <i>Journal of Endocrinology</i> , 2004, 183, 477-486.	1.2	63
121	Synovectomy reduces stromal-cell-derived factor-1 (SDF-1) which is involved in the destruction of cartilage in osteoarthritis and rheumatoid arthritis. <i>Journal of Bone and Joint Surgery: British Volume</i> , 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. <i>Osteoarthritis and Cartilage</i> , 2003, 11, 709-715.	0.6	15
124	Mechanisms underlying mechanical regulation of cartilage growth. <i>Current Opinion in Orthopaedics</i> , 2003, 14, 307-310.	0.3	2
125	Regulation of cartilage maturation: intracellular pathways and extracellular modulators. <i>Current Opinion in Orthopaedics</i> , 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. <i>Arthritis and Rheumatism</i> , 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. <i>Journal of Biological Chemistry</i> , 2001, 276, 35290-35296.	1.6	157
128	Mitogen-activated Protein Kinase p38 Mediates Regulation of Chondrocyte Differentiation by Parathyroid Hormone. <i>Journal of Biological Chemistry</i> , 2001, 276, 4879-4885.	1.6	88
129	Osteopontin Gene Regulation by Oscillatory Fluid Flow via Intracellular Calcium Mobilization and Activation of Mitogen-activated Protein Kinase in MC3T3â€E1 Osteoblasts. <i>Journal of Biological Chemistry</i> , 2001, 276, 13365-13371.	1.6	342
130	Substrate Deformation Levels Associated With Routine Physical Activity Are Less Stimulatory to Bone Cells Relative to Loading-Induced Oscillatory Fluid Flow. <i>Journal of Biomechanical Engineering</i> , 2000, 122, 387-393.	0.6	313
131	Changes of Matrilin Forms during Endochondral Ossification. <i>Journal of Biological Chemistry</i> , 2000, 275, 32628-32634.	1.6	58
132	Mechanoregulation of Chondrocyte Proliferation, Maturation, and Hypertrophy: Ion-Channel Dependent Transduction of Matrix Deformation Signals. <i>Experimental Cell Research</i> , 2000, 256, 383-391.	1.2	190
133	The Noncollagenous Domain 1 of Type X Collagen. <i>Journal of Biological Chemistry</i> , 1999, 274, 22409-22413.	1.6	31
134	Assembly of a Novel Cartilage Matrix Protein Filamentous Network: Molecular Basis of Differential Requirement of von Willebrand Factor A Domains. <i>Molecular Biology of the Cell</i> , 1999, 10, 2149-2162.	0.9	66
135	Type X Collagen and Other Up-Regulated Components of the Avian Hypertrophic Cartilage Program. <i>Progress in Molecular Biology and Translational Science</i> , 1998, 60, 79-109.	1.9	18
136	Cartilage Matrix Protein: Expression Patterns in Chicken, Mouse, and Humana. <i>Annals of the New York Academy of Sciences</i> , 1996, 785, 238-240.	1.8	7
137	The Role of Coiled-coil Î±-Helices and Disulfide Bonds in the Assembly and Stabilization of Cartilage Matrix Protein Subunits. <i>Journal of Biological Chemistry</i> , 1995, 270, 23150-23154.	1.6	38
138	Progression and Recapitulation of the Chondrocyte Differentiation Program: Cartilage Matrix Protein Is a Marker for Cartilage Maturation. <i>Developmental Biology</i> , 1995, 172, 293-306.	0.9	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. <i>Developmental Dynamics</i> , 1993, 196, 47-53.	0.8	15
141	Chicken tibial dyschondroplasia: A limb mutant with two growth plates and possible defects of collagen crosslinking. <i>Developmental Dynamics</i> , 1993, 196, 54-61.	0.8	38
142	Domains of type X collagen: alteration of cartilage matrix by fibril association and proteoglycan accumulation.. <i>Journal of Cell Biology</i> , 1992, 117, 687-694.	2.3	32
143	Type X collagen: covalent crosslinking to hypertrophic cartilage-collagen fibrils. <i>Bone and Mineral</i> , 1992, 17, 223-227.	2.0	18
144	Long-range movement and fibril association of type X collagen within embryonic cartilage matrix.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1990, 87, 8046-8050.	3.3	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.	1.3	17