Di Chen

List of Publications by Year
in descending order

144 papers	11,290 citations	38742 50 h-index	31849 101 g-index
148 all docs	148 docs citations	148 times ranked	12915 citing authors

#	Article	IF	Citations
1	Molecular signaling in temporomandibular joint osteoarthritis. Journal of Orthopaedic Translation, 2022, 32, 21-27.	3.9	34
2	Oral administration of berberine limits post-traumatic osteoarthritis development and associated pain via AMP-activated protein kinase (AMPK) in mice. Osteoarthritis and Cartilage, 2022, 30, 160-171.	1.3	21
3	Kindlin-2 preserves integrity of the articular cartilage to protect against osteoarthritis. Nature Aging, 2022, 2, 332-347.	11.6	21
4	Osteoarthritis Pain. International Journal of Molecular Sciences, 2022, 23, 4642.	4.1	43
5	A novel approach to establishing a temporomandibular joint fibrocartilage cell line. Journal of Dental Sciences, 2022, , .	2.5	2
6	Proteomic characteristics of bronchoalveolar lavage fluid in critical COVIDâ€19 patients. FEBS Journal, 2021, 288, 5190-5200.	4.7	63
7	Morroniside attenuates apoptosis and pyroptosis of chondrocytes and ameliorates osteoarthritic development by inhibiting NF-ÎºB signaling. Journal of Ethnopharmacology, 2021, 266, 113447.	4.1	61
8	Aberrant spinal mechanical loading stress triggers intervertebral disc degeneration by inducing pyroptosis and nerve ingrowth. Scientific Reports, 2021, 11, 772.	3.3	29
9	AMPK Signaling in Energy Control, Cartilage Biology, and Osteoarthritis. Frontiers in Cell and Developmental Biology, 2021, 9, 696602.	3.7	28
10	Loganin ameliorates cartilage degeneration and osteoarthritis development in an osteoarthritis mouse model through inhibition of NF-ÎºB activity and pyroptosis in chondrocytes. Journal of Ethnopharmacology, 2020, 247, 112261.	4.1	80
11	The E3 ubiquitin ligase CHIP in normal cell function and in disease conditions. Annals of the New York Academy of Sciences, 2020, 1460, 3-10.	3.8	29
12	FGFR3 deficiency enhances CXCL12-dependent chemotaxis of macrophages via upregulating CXCR7 and aggravates joint destruction in mice. Annals of the Rheumatic Diseases, 2020, 79, 112-122.	0.9	41
13	Peripheral Blood Stem Cell Therapy Does Not Improve Outcomes of Femoral Head Osteonecrosis With Capâ€Shaped Separated Cartilage Defect. Journal of Orthopaedic Research, 2020, 38, 269-276.	2.3	8
14	Runx2 plays a central role in Osteoarthritis development. Journal of Orthopaedic Translation, 2020, 23, 132-139.	3.9	56
15	CHIP regulates skeletal development and postnatal bone growth. Journal of Cellular Physiology, 2020, 235, 5378-5385.	4.1	6
16	TGFâ€Î²/Smad2 signalling regulates enchondral bone formation of Gli1⁺ periosteal cells during fracture healing. Cell Proliferation, 2020, 53, e12904.	5.3	18
17	LIM domain proteins Pinch1/2 regulate chondrogenesis and bone mass in mice. Bone Research, 2020, 8, 37.	11.4	24
18	Nociceptive behavioural assessments in mouse models of temporomandibular joint disorders. International Journal of Oral Science, 2020, 12, 26.	8.6	11

#	Article	IF	Citations
19	Amygdalin Promotes Fracture Healing through TGF-Î²/Smad Signaling in Mesenchymal Stem Cells. Stem Cells International, 2020, 2020, 1-13.	2.5	10
20	Inhibition of Axin1 in osteoblast precursor cells leads to defects in postnatal bone growth through suppressing osteoclast formation. Bone Research, 2020, 8, 31.	11.4	16
21	Moderate Fluid Shear Stress Regulates Heme Oxygenase-1 Expression to Promote Autophagy and ECM Homeostasis in the Nucleus Pulposus Cells. Frontiers in Cell and Developmental Biology, 2020, 8, 127.	3.7	18
22	Prognosis after autologous peripheral blood stem cell transplantation for osteonecrosis of the femoral head in the pre-collapse stage: a retrospective cohort study. Stem Cell Research and Therapy, 2020, 11, 83.	5.5	7
23	Acute Synovitis after Trauma Precedes and is Associated with Osteoarthritis Onset and Progression. International Journal of Biological Sciences, 2020, 16, 970-980.	6.4	30
24	Dstyk mutation leads to congenital scoliosis-like vertebral malformations in zebrafish via dysregulated mTORC1/TFEB pathway. Nature Communications, 2020, 11, 479.	12.8	31
25	Phenotypic characterization of Slc26a2 mutant mice reveals a multifactorial etiology of spondylolysis. FASEB Journal, 2020, 34, 720-734.	0.5	5
26	Metformin limits osteoarthritis development and progression through activation of AMPK signalling. Annals of the Rheumatic Diseases, 2020, 79, 635-645.	0.9	124
27	Kindlin-2 regulates skeletal homeostasis by modulating PTH1R in mice. Signal Transduction and Targeted Therapy, 2020, 5, 297.	17.1	31
28	Focal adhesion protein Kindlin-2 regulates bone homeostasis in mice. Bone Research, 2020, 8, 2.	11.4	50
29	Kindlin-2 modulates MafA and Î²-catenin expression to regulate Î²-cell function and mass in mice. Nature Communications, 2020, 11, 484.	12.8	38
30	Functional Deficits in Mice Expressing Human Interleukin 8. Comparative Medicine, 2020, 70, 205-215.	1.0	5
31	Growth Factors and Osteoarthritis. , 2020, , 632-640.		1
32	Comparative intra-articular gene transfer of seven adeno-associated virus serotypes reveals that AAV2 mediates the most efficient transduction to mouse arthritic chondrocytes. PLoS ONE, 2020, 15, e0243359.	2.5	9
33	Regulation of Cartilage Matrix Protein by Transcription Factors, SOX9 and Î²-Catenin. , 2020, , 609-620.		0
34	Deletion of Axin1 in condylar chondrocytes leads to osteoarthritisâ€like phenotype in temporomandibular joint via activation of Î²â€catenin and FGF signaling. Journal of Cellular Physiology, 2019, 234, 1720-1729.	4.1	21
35	Postnatal deletion of Alk5 gene in meniscal cartilage accelerates ageâ€dependent meniscal degeneration in mice. Journal of Cellular Physiology, 2019, 234, 595-605.	4.1	6
36	Wnt signaling in bone, kidney, intestine, and adipose tissue and interorgan interaction in aging. Annals of the New York Academy of Sciences, 2019, 1442, 48-60.	3.8	49

#	Article	IF	Citations
37	Inhibition of Ihh Reverses Temporomandibular Joint Osteoarthritis via a PTH1R Signaling Dependent Mechanism. International Journal of Molecular Sciences, 2019, 20, 3797.	4.1	35
38	Ankylosing spondylitis: etiology, pathogenesis, and treatments. Bone Research, 2019, 7, 22.	11.4	229
39	Serum miRNAs are potential biomarkers for the detection of disc degeneration, among which miRâ€26aâ€5p suppresses Smad1 to regulate disc homeostasis. Journal of Cellular and Molecular Medicine, 2019, 23, 6679-6689.	3.6	11
40	The microRNAs miR-204 and miR-211 maintain joint homeostasis and protect against osteoarthritis progression. Nature Communications, 2019, 10, 2876.	12.8	112
41	Kartogenin hydrolysis product 4-aminobiphenyl distributes to cartilage and mediates cartilage regeneration. Theranostics, 2019, 9, 7108-7121.	10.0	25
42	Characterizationâ€‰ofâ€‰Cre recombinaseâ€‰ mouseâ€‰lines enabling cell typeâ€specific targeting of postnatal intervertebral discs. Journal of Cellular Physiology, 2019, 234, 14422-14431.	4.1	21
43	Degenerative musculoskeletal diseases: Pathology and treatments. Journal of Orthopaedic Translation, 2019, 17, 1-2.	3.9	6
44	Genomeâ€wide microRNA screening reveals miRâ€582â€5p as a mesenchymal stem cellâ€specific microRNA in subchondral bone of the human knee joint. Journal of Cellular Physiology, 2019, 234, 21877-21888.	4.1	22
45	Activation of Î²â€catenin in Col2â€expressing chondrocytes leads to osteoarthritisâ€like defects in hip joint. Journal of Cellular Physiology, 2019, 234, 18535-18543.	4.1	16
46	Exploration of CRISPR/Cas9-based gene editing as therapy for osteoarthritis. Annals of the Rheumatic Diseases, 2019, 78, 676-682.	0.9	86
47	Excessive mechanical loading promotes osteoarthritis through the gremlin-1â€“NF-ÎºB pathway. Nature Communications, 2019, 10, 1442.	12.8	179
48	Core regulatory RNA molecules identified in articular cartilage stem/progenitor cells during osteoarthritis progression. Epigenomics, 2019, 11, 669-684.	2.1	23
49	IFT20 is required for the maintenance of cartilaginous matrix in condylar cartilage. Biochemical and Biophysical Research Communications, 2019, 509, 222-226.	2.1	16
50	Runx2 is required for postnatal intervertebral disc tissue growth and development. Journal of Cellular Physiology, 2019, 234, 6679-6687.	4.1	19
51	Deletion of Runx2 in condylar chondrocytes disrupts TMJ tissue homeostasis. Journal of Cellular Physiology, 2019, 234, 3436-3444.	4.1	21
52	Lipoatrophy and metabolic disturbance in mice with adipose-specific deletion of kindlin-2. JCI Insight, 2019, 4, .	5.0	43
53	Focal adhesion proteins Pinch1 and Pinch2 regulate bone homeostasis in mice. JCI Insight, 2019, 4, .	5.0	28
54	CHIP regulates bone mass by targeting multiple TRAF family members in bone marrow stromal cells. Bone Research, 2018, 6, 10.	11.4	18

#	Article	IF	Citations
55	Activation of Î²-catenin signaling in aggrecan-expressing cells in temporomandibular joint causes osteoarthritis-like defects. International Journal of Oral Science, 2018, 10, 13.	8.6	27
56	Cell typeâ€specific effects of Notch signaling activation on intervertebral discs: Implications for intervertebral disc degeneration. Journal of Cellular Physiology, 2018, 233, 5431-5440.	4.1	26
57	Endogenous glucocorticoid signaling in chondrocytes attenuates joint inflammation and damage. FASEB Journal, 2018, 32, 478-487.	0.5	18
58	Growth factor signalling in osteoarthritis. Growth Factors, 2018, 36, 187-195.	1.7	34
59	Role of Forkhead Box O Transcription Factors in Oxidative Stress-Induced Chondrocyte Dysfunction: Possible Therapeutic Target for Osteoarthritis?. International Journal of Molecular Sciences, 2018, 19, 3794.	4.1	17
60	Cartilage regeneration using arthroscopic flushing fluid-derived mesenchymal stem cells encapsulated in a one-step rapid cross-linked hydrogel. Acta Biomaterialia, 2018, 79, 202-215.	8.3	65
61	Cysteineâ€rich protein 61 regulates adipocyte differentiation from mesenchymal stem cells through mammalian target of rapamycin complex 1 and canonical Wnt signaling. FASEB Journal, 2018, 32, 3096-3107.	0.5	10
62	Osteoblast derived-neurotrophinâ€‘3 induces cartilage removal proteases and osteoclast-mediated function at injured growth plate in rats. Bone, 2018, 116, 232-247.	2.9	15
63	Osteoarthritis: toward a comprehensive understanding of pathological mechanism. Bone Research, 2017, 5, 16044.	11.4	731
64	Annulus fibrosus cells express and utilize C-C chemokine receptor 5 (CCR5) for migration. Spine Journal, 2017, 17, 720-726.	1.3	22
65	Deletion of Runx2 in Articular Chondrocytes Decelerates the Progression of DMM-Induced Osteoarthritis in Adult Mice. Scientific Reports, 2017, 7, 2371.	3.3	74
66	Postaxial limb hypoplasia (PALH): the classification, clinical features, and related developmental biology. Annals of the New York Academy of Sciences, 2017, 1409, 67-78.	3.8	5
67	Wnt/Î²-catenin Signaling in Osteoarthritis and in Other Forms of Arthritis. Current Rheumatology Reports, 2017, 19, 53.	4.7	141
68	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.	3.4	34
69	Osthole Promotes Bone Fracture Healing through Activation of BMP Signaling in Chondrocytes. International Journal of Biological Sciences, 2017, 13, 996-1007.	6.4	28
70	Specific Deletion of Î²-Catenin in Col2-Expressing Cells Leads to Defects in Epiphyseal Bone. International Journal of Biological Sciences, 2017, 13, 1540-1546.	6.4	6
71	Baicalin prevents the apoptosis of endplate chondrocytes by inhibiting the oxidative stress induced by H2O2. Molecular Medicine Reports, 2017, 16, 2985-2991.	2.4	34
72	Differential roles of TGF-Î² signalling in joint tissues during osteoarthritis development. Annals of the Rheumatic Diseases, 2016, 75, e72-e72.	0.9	18

#	Article	IF	Citations
73	PKCÎ´null mutations in a mouse model of osteoarthritis alter osteoarthritic pain independently of joint pathology by augmenting NGF/TrkA-induced axonal outgrowth. Annals of the Rheumatic Diseases, 2016, 75, 2133-2141.	0.9	45
74	Wnt/Î²â€catenin signaling plays a key role in the development of spondyloarthritis. Annals of the New York Academy of Sciences, 2016, 1364, 25-31.	3.8	46
75	Targeting VEGF and Its Receptors for the Treatment of Osteoarthritis and Associated Pain. Journal of Bone and Mineral Research, 2016, 31, 911-924.	2.8	181
76	Runx2 and microRNA regulation in bone and cartilage diseases. Annals of the New York Academy of Sciences, 2016, 1383, 80-87.	3.8	29
77	SOX9 directly Regulates CTGF/CCN2 Transcription in Growth Plate Chondrocytes and in Nucleus Pulposus Cells of Intervertebral Disc. Scientific Reports, 2016, 6, 29916.	3.3	24
78	Systemic administration of strontium or NBD peptide ameliorates early stage cartilage degradation of mouse mandibular condyles. Osteoarthritis and Cartilage, 2016, 24, 178-187.	1.3	19
79	Chondrocytes-Specific Expression of Osteoprotegerin Modulates Osteoclast Formation in Metaphyseal Bone. Scientific Reports, 2015, 5, 13667.	3.3	23
80	SHP2-Deficiency in Chondrocytes Deforms Orofacial Cartilage and Ciliogenesis in Mice. Journal of Bone and Mineral Research, 2015, 30, 2028-2032.	2.8	13
81	FGFR3 Deficiency Causes Multiple Chondroma-like Lesions by Upregulating Hedgehog Signaling. PLoS Genetics, 2015, 11, e1005214.	3.5	44
82	Environmental Disruption of Circadian Rhythm Predisposes Mice to Osteoarthritisâ€Like Changes in Knee Joint. Journal of Cellular Physiology, 2015, 230, 2174-2183.	4.1	47
83	BMPs and Wnts in Bone and Cartilage Regeneration. Mechanical Engineering Series, 2015, , 17-37.	0.2	0
84	Kindlin-2 controls TGF-Î² signalling and Sox9 expression to regulate chondrogenesis. Nature Communications, 2015, 6, 7531.	12.8	93
85	Effects of oxidized low density lipoprotein on transformation of valvular myofibroblasts to osteoblast-like phenotype. Journal of Huazhong University of Science and Technology [Medical Sciences], 2015, 35, 362-367.	1.0	1
86	HIV Infection Leads to Redistribution of Leaky Claudin-2 in the Intestine of Humanized SCID IL-2R^{â^’/â^’} Hu-PBMC Mice. AIDS Research and Human Retroviruses, 2015, 31, 774-775.	1.1	3
87	FGFR3/fibroblast growth factor receptor 3 inhibits autophagy through decreasing the ATG12â€“ATG5 conjugate, leading to the delay of cartilage development in achondroplasia. Autophagy, 2015, 11, 1998-2013.	9.1	51
88	Characterization of degenerative human facet joints and facet joint capsular tissues. Osteoarthritis and Cartilage, 2015, 23, 2242-2251.	1.3	54
89	MicroRNA-146a reduces IL-1 dependent inflammatory responses in the intervertebral disc. Gene, 2015, 555, 80-87.	2.2	91
90	Anti-DKK1 antibody promotes bone fracture healing through activation of Î²-catenin signaling. Bone, 2015, 71, 63-75.	2.9	80

#	Article	IF	Citations
91	Epigenetic and microRNA regulation during osteoarthritis development. F1000Research, 2015, 4, 1092.	1.6	11
92	SOX9 Regulates Multiple Genes in Chondrocytes, Including Genes Encoding ECM Proteins, ECM Modification Enzymes, Receptors, and Transporters. PLoS ONE, 2014, 9, e107577.	2.5	86
93	Serum osteocalcin levels are inversely associated with plasma glucose and body mass index in healthy Chinese women. Acta Pharmacologica Sinica, 2014, 35, 1521-1526.	6.1	28
94	Chondrocyte Î²â€Catenin Signaling Regulates Postnatal Bone Remodeling Through Modulation of Osteoclast Formation in a Murine Model. Arthritis and Rheumatology, 2014, 66, 107-120.	5.6	50
95	Distribution and Alteration of Lymphatic Vessels in Knee Joints of Normal and Osteoarthritic Mice. Arthritis and Rheumatology, 2014, 66, 657-666.	5.6	42
96	Carboxyl Terminus of Hsp70â€Interacting Protein Regulation of Osteoclast Formation in Mice Through Promotion of Tumor Necrosis Factor Receptorâ€“Associated Factor 6 Protein Degradation. Arthritis and Rheumatology, 2014, 66, 1854-1863.	5.6	20
97	miRNAs in Circulation: Mirroring Bone Conditions?. Journal of Bone and Mineral Research, 2014, 29, 1715-1717.	2.8	4
98	Osteoarthritis Pathogenesis: A Review of Molecular Mechanisms. Calcified Tissue International, 2014, 95, 495-505.	3.1	311
99	Disruption of glucocorticoid signaling in chondrocytes delays metaphyseal fracture healing but does not affect normal cartilage and bone development. Bone, 2014, 69, 12-22.	2.9	27
100	Protective and biogenesis effects of sodium hydrosulfide on brain mitochondria after cardiac arrest and resuscitation. European Journal of Pharmacology, 2014, 741, 74-82.	3.5	29
101	TGF-Î² signaling and the development of osteoarthritis. Bone Research, 2014, 2, .	11.4	184
102	MMP13 is a critical target gene during the progression of osteoarthritis. Arthritis Research and Therapy, 2013, 15, R5.	3.5	385
103	Bovine lactoferricin induces TIMP-3 via the ERK1/2-Sp1 axis in human articular chondrocytes. Gene, 2013, 517, 12-18.	2.2	19
104	Effects of sodium hydrosulfide on intestinal mucosal injury in a rat model of cardiac arrest and cardiopulmonary resuscitation. Life Sciences, 2013, 93, 24-29.	4.3	18
105	Chondrocyte BMP2 signaling plays an essential role in bone fracture healing. Gene, 2013, 512, 211-218.	2.2	62
106	Chondrocyte-Specific Inhibition of Î²-Catenin Signaling Leads to Dysplasia of the Caudal Vertebrae in Mice. Spine, 2013, 38, 2079-2084.	2.0	7
107	Deletion of the Transforming Growth Factor Î² Receptor Type II Gene in Articular Chondrocytes Leads to a Progressive Osteoarthritisâ€like Phenotype in Mice. Arthritis and Rheumatism, 2013, 65, 3107-3119.	6.7	159
108	ATF4 promotes bone angiogenesis by increasing vegf expression and release in the bone environment. Journal of Bone and Mineral Research, 2013, 28, 1870-1884.	2.8	57

#	Article	IF	Citations
109	Mice Deficient in NF-Î¹B p50 and p52 or RANK Have Defective Growth Plate Formation and Post-natal Dwarfism. Bone Research, 2013, 1, 336-345.	11.4	23
110	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
111	Cartilage-specific Î²-catenin signaling regulates chondrocyte maturation, generation of ossification centers, and perichondrial bone formation during skeletal development. Journal of Bone and Mineral Research, 2012, 27, 1680-1694.	2.8	116
112	Speciesâ€specific biological effects of FGFâ€2 in articular cartilage: Implication for distinct roles within the FGF receptor family. Journal of Cellular Biochemistry, 2012, 113, 2532-2542.	2.6	63
113	Conditional activation of Î²â€catenin signaling in mice leads to severe defects in intervertebral disc tissue. Arthritis and Rheumatism, 2012, 64, 2611-2623.	6.7	92
114	Fibroblast growth factor receptor 1 is principally responsible for fibroblast growth factor 2-induced catabolic activities in human articular chondrocytes. Arthritis Research and Therapy, 2011, 13, R130.	3.5	124
115	Recent progress in understanding molecular mechanisms of cartilage degeneration during osteoarthritis. Annals of the New York Academy of Sciences, 2011, 1240, 61-69.	3.8	160
116	TGF-Î² signaling plays an essential role in the growth and maintenance of intervertebral disc tissue. FEBS Letters, 2011, 585, 1209-1215.	2.8	83
117	Effects of hydrogen sulfide on a rat model of sepsis-associated encephalopathy. Journal of Huazhong University of Science and Technology [Medical Sciences], 2011, 31, 632-636.	1.0	6
118	Tumor necrosis factor inhibits mesenchymal stem cell differentiation into osteoblasts via the ubiquitin E3 ligase Wwp1. Stem Cells, 2011, 29, 1601-1610.	3.2	120
119	Establishment of an index with increased sensitivity for assessing murine arthritis. Journal of Orthopaedic Research, 2011, 29, 1145-1151.	2.3	45
120	Generation of Axin1 conditional mutant mice. Genesis, 2011, 49, 98-102.	1.6	25
121	BMP2, but not BMP4, is crucial for chondrocyte proliferation and maturation during endochondral bone development. Journal of Cell Science, 2011, 124, 3428-3440.	2.0	211
122	Teriparatide as a Chondroregenerative Therapy for Injury-Induced Osteoarthritis. Science Translational Medicine, 2011, 3, 101ra93.	12.4	145
123	Axin2 regulates chondrocyte maturation and axial skeletal development. Journal of Orthopaedic Research, 2010, 28, 89-95.	2.3	38
124	MicroRNA-204 Regulates Runx2 Protein Expression and Mesenchymal Progenitor Cell Differentiation. Stem Cells, 2010, 28, 357-364.	3.2	525
125	Smurf1 inhibits mesenchymal stem cell proliferation and differentiation into osteoblasts through JunB degradation. Journal of Bone and Mineral Research, 2010, 25, 1246-1256.	2.8	73
126	Î²â€catenin, cartilage, and osteoarthritis. Annals of the New York Academy of Sciences, 2010, 1192, 344-350.	3.8	52

#	Article	IF	Citations
127	PTHrP prevents chondrocyte premature hypertrophy by inducing cyclin-D1-dependent Runx2 and Runx3 phosphorylation, ubiquitylation and proteasomal degradation. Journal of Cell Science, 2009, 122, 1382-1389.	2.0	89
128	Axin2 controls bone remodeling through the Î²-cateninâ€“BMP signaling pathway in adult mice. Journal of Cell Science, 2009, 122, 3566-3578.	2.0	101
129	Smurf2 induces degradation of GSK-3Î² and upregulates Î²-catenin in chondrocytes: A potential mechanism for Smurf2-induced degeneration of articular cartilage. Experimental Cell Research, 2009, 315, 2386-2398.	2.6	59
130	Activation of Î²-Catenin Signaling in Articular Chondrocytes Leads to Osteoarthritis-Like Phenotype in Adult Î²-Catenin Conditional Activation Mice. Journal of Bone and Mineral Research, 2009, 24, 12-21.	2.8	414
131	Murine and Chicken Chondrocytes Regulate Osteoclastogenesis by Producing RANKL in Response to BMP2. Journal of Bone and Mineral Research, 2008, 23, 314-325.	2.8	113
132	Inhibition of Î²â€catenin signaling in articular chondrocytes results in articular cartilage destruction. Arthritis and Rheumatism, 2008, 58, 2053-2064.	6.7	230
133	Induction of an osteoarthritisâ€like phenotype and degradation of phosphorylated Smad3 by Smurf2 in transgenic mice. Arthritis and Rheumatism, 2008, 58, 3132-3144.	6.7	112
134	CHIP promotes Runx2 degradation and negatively regulates osteoblast differentiation. Journal of Cell Biology, 2008, 181, 959-972.	5.2	104
135	VEGF-C, a Lymphatic Growth Factor, Is a RANKL Target Gene in Osteoclasts That Enhances Osteoclastic Bone Resorption through an Autocrine Mechanism. Journal of Biological Chemistry, 2008, 283, 13491-13499.	3.4	70
136	Inhibition of Î²-catenin signaling causes defects in postnatal cartilage development. Journal of Cell Science, 2008, 121, 1455-1465.	2.0	129
137	Bone Morphogenetic Protein 2 Activates Smad6 Gene Transcription through Bone-specific Transcription Factor Runx2. Journal of Biological Chemistry, 2007, 282, 10742-10748.	3.4	57
138	Generation of a transgenic mouse model with chondrocyte-specific and tamoxifen-inducible expression of Cre recombinase. Genesis, 2007, 45, 44-50.	1.6	132
139	Smad6 Interacts with Runx2 and Mediates Smad Ubiquitin Regulatory Factor 1-induced Runx2 Degradation. Journal of Biological Chemistry, 2006, 281, 3569-3576.	3.4	142
140	TGFB IN CHONDROCYTE BIOLOGY AND CARTILAGE PATHOLOGY. , 2005, , 299-311.		0
141	Smad3-Deficient Chondrocytes Have Enhanced BMP Signaling and Accelerated Differentiation. Journal of Bone and Mineral Research, 2005, 21, 4-16.	2.8	121
142	Wnt-mediated regulation of chondrocyte maturation: Modulation by TGF-Î². Journal of Cellular Biochemistry, 2005, 95, 1057-1068.	2.6	63
143	RECENT ADVANCES IN BONE BIOLOGY RESEARCH. , 2005, , 497-511.		0
144	Bone Morphogenetic Proteins. Growth Factors, 2004, 22, 233-241.	1.7	1,787