

# Mary B Goldring

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/194923/publications.pdf>

Version: 2024-02-01

179  
papers

19,302  
citations

17429

63  
h-index

12258

133  
g-index

183  
all docs

183  
docs citations

183  
times ranked

17163  
citing authors

#	ARTICLE	IF	CITATIONS
1	Osteoarthritis: A disease of the joint as an organ. <i>Arthritis and Rheumatism</i> , 2012, 64, 1697-1707.	6.7	2,055
2	Inflammation in osteoarthritis. <i>Current Opinion in Rheumatology</i> , 2011, 23, 471-478.	2.0	1,092
3	Osteoarthritis. <i>Journal of Cellular Physiology</i> , 2007, 213, 626-634.	2.0	1,069
4	Osteoarthritis. <i>Nature Reviews Disease Primers</i> , 2016, 2, 16072.	18.1	1,011
5	The control of chondrogenesis. <i>Journal of Cellular Biochemistry</i> , 2006, 97, 33-44.	1.2	932
6	Articular cartilage and subchondral bone in the pathogenesis of osteoarthritis. <i>Annals of the New York Academy of Sciences</i> , 2010, 1192, 230-237.	1.8	655
7	The role of the chondrocyte in osteoarthritis. <i>Arthritis and Rheumatism</i> , 2000, 43, 1916-1926.	6.7	638
8	Cartilage homeostasis in health and rheumatic diseases. <i>Arthritis Research and Therapy</i> , 2009, 11, 224.	1.6	588
9	Changes in the osteochondral unit during osteoarthritis: structure, function and cartilageâ€“bone crosstalk. <i>Nature Reviews Rheumatology</i> , 2016, 12, 632-644.	3.5	581
10	The Role of Cytokines in Cartilage Matrix Degeneration in Osteoarthritis. <i>Clinical Orthopaedics and Related Research</i> , 2004, 427, S27-S36.	0.7	535
11	NF- $\kappa$ B Signaling: Multiple Angles to Target OA. <i>Current Drug Targets</i> , 2010, 11, 599-613.	1.0	478
12	Osteoarthritis and cartilage: The role of cytokines. <i>Current Rheumatology Reports</i> , 2000, 2, 459-465.	2.1	394
13	Roles of inflammatory and anabolic cytokines in cartilage metabolism: signals and multiple effectors converge upon MMP-13 regulation in osteoarthritis. , 2011, 21, 202-220.		386
14	Chondrogenesis, chondrocyte differentiation, and articular cartilage metabolism in health and osteoarthritis. <i>Therapeutic Advances in Musculoskeletal Disease</i> , 2012, 4, 269-285.	1.2	340
15	Homeostatic Mechanisms in Articular Cartilage and Role of Inflammation in Osteoarthritis. <i>Current Rheumatology Reports</i> , 2013, 15, 375.	2.1	259
16	The Role of Cytokines as Inflammatory Mediators in Osteoarthritis: Lessons from Animal Models. <i>Connective Tissue Research</i> , 1999, 40, 1-11.	1.1	256
17	Update on the biology of the chondrocyte and new approaches to treating cartilage diseases. <i>Best Practice and Research in Clinical Rheumatology</i> , 2006, 20, 1003-1025.	1.4	245
18	The Regulation of Chondrocyte Function by Proinflammatory Mediators. <i>Clinical Orthopaedics and Related Research</i> , 2004, 427, S37-S46.	0.7	222

#	ARTICLE	IF	CITATIONS
19	IKK $\alpha$ , IKK $\beta$ , and NEMO/IKK $\gamma$ Are Each Required for the NF- $\kappa$ B-mediated Inflammatory Response Program. <i>Journal of Biological Chemistry</i> , 2002, 277, 45129-45140.	1.6	208
20	Activation of the Discoidin Domain Receptor 2 Induces Expression of Matrix Metalloproteinase 13 Associated with Osteoarthritis in Mice <sup>*a</sup> . <i>Journal of Biological Chemistry</i> , 2005, 280, 548-555.	1.6	167
21	Transcriptional suppression by interleukin-1 and interferon- $\gamma$ of type II collagen gene expression in human chondrocytes. <i>Journal of Cellular Biochemistry</i> , 1994, 54, 85-99.	1.2	164
22	Vascular endothelial growth factor(VEGF) induces matrix metalloproteinase expression in immortalized chondrocytes. <i>Journal of Pathology</i> , 2004, 202, 367-374.	2.1	164
23	NF- $\kappa$ B-mediated repression of growth arrest- and DNA-damage-inducible proteins 45 and $\beta$ is essential for cancer cell survival. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 13618-13623.	3.3	151
24	Novel NEMO/IKK $\beta$ Kinase and NF- $\kappa$ B Target Genes at the Pre-B to Immature B Cell Transition. <i>Journal of Biological Chemistry</i> , 2001, 276, 18579-18590.	1.6	146
25	DNA demethylation at specific CpG sites in the <i>IL1B</i> promoter in response to inflammatory cytokines in human articular chondrocytes. <i>Arthritis and Rheumatism</i> , 2009, 60, 3303-3313.	6.7	146
26	Emerging targets in osteoarthritis therapy. <i>Current Opinion in Pharmacology</i> , 2015, 22, 51-63.	1.7	142
27	Epigenomic and microRNA-mediated regulation in cartilage development, homeostasis, and osteoarthritis. <i>Trends in Molecular Medicine</i> , 2012, 18, 109-118.	3.5	141
28	In Vivo Cyclic Compression Causes Cartilage Degeneration and Subchondral Bone Changes in Mouse Tibiae. <i>Arthritis and Rheumatism</i> , 2013, 65, 1569-1578.	6.7	140
29	Regulated Transcription of Human Matrix Metalloproteinase 13 (MMP13) and Interleukin-1 $\beta$ (IL1B) Genes in Chondrocytes Depends on Methylation of Specific Proximal Promoter CpG Sites. <i>Journal of Biological Chemistry</i> , 2013, 288, 10061-10072.	1.6	133
30	Eating bone or adding it: the Wnt pathway decides. <i>Nature Medicine</i> , 2007, 13, 133-134.	15.2	128
31	Proteomic Analysis of Synovial Fluid From the Osteoarthritic Knee: Comparison With Transcriptome Analyses of Joint Tissues. <i>Arthritis and Rheumatism</i> , 2013, 65, 981-992.	6.7	126
32	Anticytokine therapy for osteoarthritis. <i>Expert Opinion on Biological Therapy</i> , 2001, 1, 817-829.	1.4	118
33	Egr-1 Mediates Transcriptional Repression of COL2A1 Promoter Activity by Interleukin-1 $\beta$ . <i>Journal of Biological Chemistry</i> , 2003, 278, 17688-17700.	1.6	117
34	Immortalized human adult articular chondrocytes maintain cartilage-specific phenotype and responses to interleukin-1 $\beta$ . <i>Arthritis and Rheumatism</i> , 2000, 43, 2189-2201.	6.7	114
35	Increased expression of the collagen receptor discoidin domain receptor 2 in articular cartilage as a key event in the pathogenesis of osteoarthritis. <i>Arthritis and Rheumatism</i> , 2007, 56, 2663-2673.	6.7	114
36	Phenotypic instability of chondrocytes in osteoarthritis: on a path to hypertrophy. <i>Annals of the New York Academy of Sciences</i> , 2019, 1442, 17-34.	1.8	113

#	ARTICLE	IF	CITATIONS
37	CITED2-mediated Regulation of MMP-1 and MMP-13 in Human Chondrocytes under Flow Shear. <i>Journal of Biological Chemistry</i> , 2003, 278, 47275-47280.	1.6	112
38	Cells of the synovium in rheumatoid arthritis. <i>Chondrocytes. Arthritis Research and Therapy</i> , 2007, 9, 220.	1.6	108
39	A misplaced lncRNA causes brachydactyly in humans. <i>Journal of Clinical Investigation</i> , 2012, 122, 3990-4002.	3.9	108
40	Articular Cartilage Degradation in Osteoarthritis. <i>HSS Journal</i> , 2012, 8, 7-9.	0.7	107
41	Pulsed Electromagnetic Fields Increased the Anti-Inflammatory Effect of A2A and A3 Adenosine Receptors in Human T/C-28a2 Chondrocytes and hFOB 1.19 Osteoblasts. <i>PLoS ONE</i> , 2013, 8, e65561.	1.1	106
42	Pathophysiology of osteoarthritis: canonical NF- $\kappa$ B/IKK $\alpha$ -dependent and kinase-independent effects of IKK $\alpha$ in cartilage degradation and chondrocyte differentiation. <i>RMD Open</i> , 2015, 1, e000061.	1.8	103
43	The epigenetic effect of glucosamine and a nuclear factor-kappa B (NF- $\kappa$ B) inhibitor on primary human chondrocytes " Implications for osteoarthritis. <i>Biochemical and Biophysical Research Communications</i> , 2011, 405, 362-367.	1.0	102
44	Early knee osteoarthritis: Figure 1. <i>RMD Open</i> , 2015, 1, e000062.	1.8	100
45	Responses to the proinflammatory cytokines interleukin-1 and tumor necrosis factor $\alpha$ in cells derived from rheumatoid synovium and other joint tissues involve nuclear factor $\kappa$ B-mediated induction of the Ets transcription factor ESE-1. <i>Arthritis and Rheumatism</i> , 2003, 48, 1249-1260.	6.7	99
46	A Novel Role for GADD45 $\beta$ as a Mediator of MMP-13 Gene Expression during Chondrocyte Terminal Differentiation. <i>Journal of Biological Chemistry</i> , 2005, 280, 38544-38555.	1.6	93
47	Differential expression of GADD45 $\beta$ in normal and osteoarthritic cartilage: Potential role in homeostasis of articular chondrocytes. <i>Arthritis and Rheumatism</i> , 2008, 58, 2075-2087.	6.7	91
48	Inhibitor of NF- $\kappa$ B Kinases $\alpha$ and $\beta$ Are Both Essential for High Mobility Group Box 1-Mediated Chemotaxis. <i>Journal of Immunology</i> , 2010, 184, 4497-4509.	0.4	90
49	The EWS/TEC fusion protein encoded by the t(9;22) chromosomal translocation in human chondrosarcomas is a highly potent transcriptional activator. <i>Oncogene</i> , 1999, 18, 3303-3308.	2.6	89
50	Loss of methylation in CpG sites in the NF- $\kappa$ B enhancer elements of inducible nitric oxide synthase is responsible for gene induction in human articular chondrocytes. <i>Arthritis and Rheumatism</i> , 2013, 65, 732-742.	6.7	84
51	Chondrogenesis, joint formation, and articular cartilage regeneration. <i>Journal of Cellular Biochemistry</i> , 2009, 107, 383-392.	1.2	83
52	WISP3-dependent regulation of type II collagen and aggrecan production in chondrocytes. <i>Arthritis and Rheumatism</i> , 2004, 50, 488-497.	6.7	77
53	Chemokines in Cartilage Degradation. <i>Clinical Orthopaedics and Related Research</i> , 2004, 427, S53-S61.	0.7	76
54	Physiological loading of joints prevents cartilage degradation through CITED2. <i>FASEB Journal</i> , 2011, 25, 182-191.	0.2	74

#	ARTICLE	IF	CITATIONS
55	Molecular cloning of rat human type IX collagen cDNA and localization of the alpha1(IX) gene on the human chromosome 6. <i>FEBS Journal</i> , 1989, 179, 71-78.	0.2	73
56	E74-like Factor 3 (ELF3) Impacts on Matrix Metalloproteinase 13 (MMP13) Transcriptional Control in Articular Chondrocytes under Proinflammatory Stress. <i>Journal of Biological Chemistry</i> , 2012, 287, 3559-3572.	1.6	73
57	Differential requirements for IKK $\alpha$ and IKK $\beta$ in the differentiation of primary human osteoarthritic chondrocytes. <i>Arthritis and Rheumatism</i> , 2008, 58, 227-239.	6.7	71
58	Association of Reduced Type IX Collagen Gene Expression in Human Osteoarthritic Chondrocytes With Epigenetic Silencing by DNA Hypermethylation. <i>Arthritis and Rheumatology</i> , 2014, 66, 3040-3051.	2.9	71
59	Parathyroid hormone-related protein is abundant in osteoarthritic cartilage, and the parathyroid hormone-related protein 1-173 isoform is selectively induced by transforming growth factor $\beta$ in articular chondrocytes and suppresses generation of extracellular inorganic pyrophosphate. <i>Arthritis and Rheumatism</i> , 1998, 41, 2152-2164.	6.7	69
60	Proteoglycan Production by Immortalized Human Chondrocyte Cell Lines Cultured under Conditions That Promote Expression of the Differentiated Phenotype. <i>Archives of Biochemistry and Biophysics</i> , 2000, 383, 79-90.	1.4	69
61	Green tea polyphenol treatment is chondroprotective, anti-inflammatory and palliative in a mouse posttraumatic osteoarthritis model. <i>Arthritis Research and Therapy</i> , 2014, 16, 508.	1.6	69
62	Human $\beta$ -defensin 3 mediates tissue remodeling processes in articular cartilage by increasing levels of metalloproteinases and reducing levels of their endogenous inhibitors. <i>Arthritis and Rheumatism</i> , 2005, 52, 1736-1745.	6.7	68
63	A cis-regulatory site downregulates PTHLH in translocation t(8;12)(q13;p11.2) and leads to Brachydactyly Type E. <i>Human Molecular Genetics</i> , 2010, 19, 848-860.	1.4	67
64	Anti-inflammatory activity of an ethanolic <i>Caesalpinia sappan</i> extract in human chondrocytes and macrophages. <i>Journal of Ethnopharmacology</i> , 2011, 138, 364-372.	2.0	66
65	Identification of $\alpha$ 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
66	The Ets transcription factor ESE-1 mediates induction of the COX-2 gene by LPS in monocytes. <i>FEBS Journal</i> , 2005, 272, 1676-1687.	2.2	64
67	Strain-induced mechanotransduction through primary cilia, extracellular ATP, purinergic calcium signaling, and ERK1/2 transactivates CITED2 and downregulates MMP-1 and MMP-13 gene expression in chondrocytes. <i>Osteoarthritis and Cartilage</i> , 2016, 24, 892-901.	0.6	63
68	Suppressors of cytokine signalling (SOCS) are reduced in osteoarthritis. <i>Biochemical and Biophysical Research Communications</i> , 2011, 407, 54-59.	1.0	61
69	Mouse Models of Osteoarthritis: Surgical Model of Posttraumatic Osteoarthritis Induced by Destabilization of the Medial Meniscus. <i>Methods in Molecular Biology</i> , 2015, 1226, 143-173.	0.4	59
70	REGULATION OF COLLAGEN GENE EXPRESSION BY PROSTAGLANDINS AND INTERLEUKIN-1 $\beta$ IN CULTURED CHONDROCYTES AND FIBROBLASTS. <i>American Journal of Therapeutics</i> , 1996, 3, 9-16.	0.5	57
71	Inhibitors of Mitogen-Activated Protein Kinases Downregulate COX-2 Expression in Human Chondrocytes. <i>Mediators of Inflammation</i> , 2005, 2005, 249-255.	1.4	57
72	The TATA-containing core promoter of the type II collagen gene (COL2A1) is the target of interferon-gamma-mediated inhibition in human chondrocytes: requirement for Stat1 $\alpha$ , Jak1 and Jak2. <i>Biochemical Journal</i> , 2003, 369, 103-115.	1.7	56

#	ARTICLE	IF	CITATIONS
73	Association of joint space narrowing with impairment of physical function and work ability in patients with early rheumatoid arthritis: protection beyond disease control by adalimumab plus methotrexate. <i>Annals of the Rheumatic Diseases</i> , 2013, 72, 1156-1162.	0.5	56
74	ESE-1 Is a Novel Transcriptional Mediator of Angiopoietin-1 Expression in the Setting of Inflammation. <i>Journal of Biological Chemistry</i> , 2004, 279, 12794-12803.	1.6	55
75	Transcriptional and post-transcriptional regulation of iNOS expression in human chondrocytes. <i>Biochemical Pharmacology</i> , 2010, 79, 722-732.	2.0	55
76	ESE-1 is a potent repressor of type II collagen gene ( <i>COL2A1</i> ) transcription in human chondrocytes. <i>Journal of Cellular Physiology</i> , 2008, 215, 562-573.	2.0	54
77	Selection of reliable reference genes for qPCR studies on chondroprotective action. <i>BMC Molecular Biology</i> , 2007, 8, 13.	3.0	53
78	Human Chondrocyte Cultures as Models of Cartilage-Specific Gene Regulation. <i>Methods in Molecular Biology</i> , 2012, 806, 301-336.	0.4	52
79	Inflammatory molecules produced by meniscus and synovium in early and end-stage osteoarthritis: a coculture study. <i>Journal of Cellular Physiology</i> , 2019, 234, 11176-11187.	2.0	51
80	DNA methylation of the RUNX2 P1 promoter mediates MMP13 transcription in chondrocytes. <i>Scientific Reports</i> , 2017, 7, 7771.	1.6	50
81	Matrix metalloproteinase 13 loss associated with impaired extracellular matrix remodeling disrupts chondrocyte differentiation by concerted effects on multiple regulatory factors. <i>Arthritis and Rheumatism</i> , 2010, 62, 2370-2381.	6.7	49
82	ADAM17 Controls Endochondral Ossification by Regulating Terminal Differentiation of Chondrocytes. <i>Molecular and Cellular Biology</i> , 2013, 33, 3077-3090.	1.1	47
83	Intact Pericellular Matrix of Articular Cartilage Is Required for Unactivated Discoidin Domain Receptor 2 in the Mouse Model. <i>American Journal of Pathology</i> , 2011, 179, 1338-1346.	1.9	46
84	GADD45 <sup>2</sup> Enhances Col10a1 Transcription via the MTK1/MKK3/6/p38 Axis and Activation of C/EBP <sup>2</sup> -TAD4 in Terminally Differentiating Chondrocytes. <i>Journal of Biological Chemistry</i> , 2010, 285, 8395-8407.	1.6	45
85	A hyaluronic acid-salmon calcitonin conjugate for the local treatment of osteoarthritis: Chondro-protective effect in a rabbit model of early OA. <i>Journal of Controlled Release</i> , 2014, 187, 30-38.	4.8	44
86	Phlpp1 facilitates post-traumatic osteoarthritis and is induced by inflammation and promoter demethylation in human osteoarthritis. <i>Osteoarthritis and Cartilage</i> , 2016, 24, 1021-1028.	0.6	44
87	Oxidative stress and status of antioxidant enzymes in children with Kashin-Beck disease. <i>Osteoarthritis and Cartilage</i> , 2013, 21, 1781-1789.	0.6	43
88	Role of subchondral bone properties and changes in development of load-induced osteoarthritis in mice. <i>Osteoarthritis and Cartilage</i> , 2017, 25, 2108-2118.	0.6	43
89	Production of endogenous antibiotics in articular cartilage. <i>Arthritis and Rheumatism</i> , 2004, 50, 3526-3534.	6.7	42
90	Cellular responses to T-2 toxin and/or deoxynivalenol that induce cartilage damage are not specific to chondrocytes. <i>Scientific Reports</i> , 2017, 7, 2231.	1.6	42

#	ARTICLE	IF	CITATIONS
91	Cytokines and Skeletal Physiology. <i>Clinical Orthopaedics and Related Research</i> , 1996, 324, 13-23.	0.7	41
92	Bone and cartilage in osteoarthritis: is what's best for one good or bad for the other?. <i>Arthritis Research and Therapy</i> , 2010, 12, 143.	1.6	40
93	Trefoil factor 3 is induced during degenerative and inflammatory joint disease, activates matrix metalloproteinases, and enhances apoptosis of articular cartilage chondrocytes. <i>Arthritis and Rheumatism</i> , 2010, 62, 815-825.	6.7	39
94	IKK $\beta$ /CHUK Regulates Extracellular Matrix Remodeling Independent of Its Kinase Activity to Facilitate Articular Chondrocyte Differentiation. <i>PLoS ONE</i> , 2013, 8, e73024.	1.1	39
95	Caesalpinia sappan extract inhibits IL1 $\beta$ -mediated overexpression of matrix metalloproteinases in human chondrocytes. <i>Genes and Nutrition</i> , 2012, 7, 307-318.	1.2	38
96	Mechanical Forces Induce Changes in VEGF and VEGFR-1/sFlt-1 Expression in Human Chondrocytes. <i>International Journal of Molecular Sciences</i> , 2014, 15, 15456-15474.	1.8	38
97	Matrilin-3 Induction of IL-1 receptor antagonist Is 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
98	C-28/I2 and T/C-28a2 chondrocytes as well as human primary articular chondrocytes express sex hormone and insulin receptorsâ€”Useful cells in study of cartilage metabolism. <i>Annals of Anatomy</i> , 2011, 193, 23-29.	1.0	36
99	Activation and regulation of the I $\kappa$ B kinase in human B cells by CD40 signaling. <i>European Journal of Immunology</i> , 1999, 29, 1353-1362.	1.6	34
100	Immortalization of Human Articular Chondrocytes for Generation of Stable, Differentiated Cell Lines. , 2004, 100, 023-036.		34
101	Progressive cellâ€”mediated changes in articular cartilage and bone in mice are initiated by a single session of controlled cyclic compressive loading. <i>Journal of Orthopaedic Research</i> , 2016, 34, 1941-1949.	1.2	34
102	Culture of Immortalized Chondrocytes and Their Use As Models of Chondrocyte Function. , 2004, 100, 037-052.		33
103	Laminins and Nidogens in the Pericellular Matrix of Chondrocytes. <i>American Journal of Pathology</i> , 2016, 186, 410-418.	1.9	32
104	Dual regulation of metalloproteinase expression in chondrocytes by Wnt1â€”inducible signaling pathway protein 3/CCN6. <i>Arthritis and Rheumatism</i> , 2012, 64, 2289-2299.	6.7	30
105	ELF3 modulates type II collagen gene (<i>COL2A1</i>) transcription in chondrocytes by inhibiting SOX9-CBP/p300-driven histone acetyltransferase activity. <i>Connective Tissue Research</i> , 2017, 58, 15-26.	1.1	30
106	E74â€”like factor 3 and nuclear factorâ€” $\kappa$ B regulate lipocalinâ€”2 expression in chondrocytes. <i>Journal of Physiology</i> , 2016, 594, 6133-6146.	1.3	29
107	The proinflammatory cytokines interleukin-1 $\beta$ and tumor necrosis factor $\beta$ promote the expression and secretion of proteolytically active cathepsin S from human chondrocytes. <i>Biological Chemistry</i> , 2013, 394, 307-316.	1.2	28
108	Anabolic role of lysyl oxidase like-2 in cartilage of knee and temporomandibular joints with osteoarthritis. <i>Arthritis Research and Therapy</i> , 2017, 19, 179.	1.6	28

#	ARTICLE	IF	CITATIONS
109	Morphological and ultrastructural analysis of normal, injured and osteoarthritic human knee menisci. <i>European Journal of Histochemistry</i> , 2019, 63, .	0.6	28
110	Perlecan is required for the chondrogenic differentiation of synovial mesenchymal cells through regulation of Sox9 gene expression. <i>Journal of Orthopaedic Research</i> , 2017, 35, 837-846.	1.2	27
111	Human Chondrocyte Cultures as Models of Cartilage-Specific Gene Regulation. , 2005, 107, 069-096.		26
112	Gene Expression Profiling in Conjunction with Physiological Rescues of IKK $\hat{\pm}$ -null Cells with Wild Type or Mutant IKK $\hat{\pm}$ Reveals Distinct Classes of IKK $\hat{\pm}$ /NF- $\hat{\nu}$ B-dependent Genes. <i>Journal of Biological Chemistry</i> , 2005, 280, 14057-14069.	1.6	26
113	Human Chondrocyte Cultures as Models of Cartilage-Specific Gene Regulation. , 1996, 2, 217-232.		25
114	Thermoresponsive polymeric dexamethasone prodrug for arthritis pain. <i>Journal of Controlled Release</i> , 2021, 339, 484-497.	4.8	22
115	Cell migration to CXCL12 requires simultaneous IKK $\hat{\pm}$ and IKK $\hat{2}$ -dependent NF- $\hat{\nu}$ B signaling. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2014, 1843, 1796-1804.	1.9	21
116	Functional Isoforms of $\hat{\nu}$ B Kinase $\hat{\pm}$ (IKK $\hat{\pm}$ ) Lacking Leucine Zipper and Helix-Loop-Helix Domains Reveal that IKK $\hat{\pm}$ and IKK $\hat{2}$ Have Different Activation Requirements. <i>Molecular and Cellular Biology</i> , 2000, 20, 2635-2649.	1.1	20
117	Collagen XI mutation lowers susceptibility to load-induced cartilage damage in mice. <i>Journal of Orthopaedic Research</i> , 2018, 36, 711-720.	1.2	20
118	Are bone morphogenetic proteins effective inducers of cartilage repair? Ex vivo transduction of muscle-derived stem cells. <i>Arthritis and Rheumatism</i> , 2006, 54, 387-389.	6.7	19
119	Elf3 Contributes to Cartilage Degradation in vivo in a Surgical Model of Post-Traumatic Osteoarthritis. <i>Scientific Reports</i> , 2018, 8, 6438.	1.6	19
120	Phlpp inhibitors block pain and cartilage degradation associated with osteoarthritis. <i>Journal of Orthopaedic Research</i> , 2018, 36, 1487-1497.	1.2	19
121	CITED2 mediates the cross-talk between mechanical loading and IL- $\hat{4}$ to promote chondroprotection. <i>Annals of the New York Academy of Sciences</i> , 2019, 1442, 128-137.	1.8	19
122	Acute inflammation with induction of anaphylatoxin C5a and terminal complement complex C5b-9 associated with multiple intra-articular injections of hylan G-F 20: a case report. <i>Osteoarthritis and Cartilage</i> , 2012, 20, 791-795.	0.6	16
123	Biochemical evidence for gap junctions and Cx43 expression in immortalized human chondrocyte cell line: a potential model in the study of cell communication in human chondrocytes. <i>Osteoarthritis and Cartilage</i> , 2014, 22, 586-590.	0.6	16
124	Labral calcification plays a key role in hip pain and symptoms in femoroacetabular impingement. <i>Journal of Orthopaedic Surgery and Research</i> , 2020, 15, 86.	0.9	16
125	E74-Like Factor (ELF3) and Leptin, a Novel Loop Between Obesity and Inflammation Perpetuating a Pro-Catabolic State in Cartilage. <i>Cellular Physiology and Biochemistry</i> , 2018, 45, 2401-2410.	1.1	15
126	Inducible knockout of CHUK/IKK $\hat{\pm}$ in adult chondrocytes reduces progression of cartilage degradation in a surgical model of osteoarthritis. <i>Scientific Reports</i> , 2019, 9, 8905.	1.6	15



#	ARTICLE	IF	CITATIONS
127	Kinematics of meniscal and ACL transected mouse knees during controlled tibial compressive loading captured using roentgen stereophotogrammetry. <i>Journal of Orthopaedic Research</i> , 2017, 35, 353-360.	1.2	14
128	Mitochondrial DNA haplogroups and ageing mechanisms in osteoarthritis. <i>Annals of the Rheumatic Diseases</i> , 2017, 76, 939-941.	0.5	13
129	Selenium promotes metabolic conversion of T-2 toxin to HT-2 toxin in cultured human chondrocytes. <i>Journal of Trace Elements in Medicine and Biology</i> , 2017, 44, 218-224.	1.5	13
130	Lysyl Oxidase-Like 2 Protects against Progressive and Aging Related Knee Joint Osteoarthritis in Mice. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4798.	1.8	12
131	Bystander effectors of chondrosarcoma cells irradiated at different LET impair proliferation of chondrocytes. <i>Journal of Cell Communication and Signaling</i> , 2019, 13, 343-356.	1.8	12
132	Is arthroscopic videotape a reliable tool for describing early joint tissue pathology of the knee?. <i>Knee</i> , 2017, 24, 1374-1382.	0.8	11
133	Insight into the function of DIO2, a susceptibility gene in human osteoarthritis, as an inducer of cartilage damage in a rat model: is there a role for chondrocyte hypertrophy?. <i>Osteoarthritis and Cartilage</i> , 2013, 21, 643-645.	0.6	10
134	Lack of ADAM10 in endothelial cells affects osteoclasts at the chondroosseous junction. <i>Journal of Orthopaedic Research</i> , 2014, 32, 224-230.	1.2	10
135	Mouse Models of Osteoarthritis: Surgical Model of Post-traumatic Osteoarthritis Induced by Destabilization of the Medial Meniscus. <i>Methods in Molecular Biology</i> , 2021, 2221, 223-260.	0.4	10
136	Biology of the Normal Joint. , 2013, , 1-19.e6.		9
137	Role of cytokines and chemokines in cartilage and bone destruction in arthritis. <i>Current Opinion in Orthopaedics</i> , 2002, 13, 351-362.	0.3	8
138	LOXL2 promotes aggrecan and gender-specific anabolic differences to TMJ cartilage. <i>Scientific Reports</i> , 2020, 10, 20179.	1.6	8
139	Do Synovial Inflammation and Meniscal Degeneration Impact Clinical Outcomes of Patients Undergoing Arthroscopic Partial Meniscectomy? A Histological Study. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3903.	1.8	8
140	The link between structural damage and pain in a genetic model of osteoarthritis and intervertebral disc degeneration: A joint misadventure. <i>Arthritis and Rheumatism</i> , 2009, 60, 2550-2552.	6.7	7
141	Individual and combined toxicity of T <sub>2</sub> toxin and deoxynivalenol on human C <sub>28</sub> I2 and rat primary chondrocytes. <i>Journal of Applied Toxicology</i> , 2019, 39, 343-353.	1.4	7
142	LOXL2 as a protective in osteoarthritis cartilage. <i>Aging</i> , 2017, 9, 2024-2025.	1.4	7
143	Cartilage and Chondrocytes. , 2013, , 33-60.e10.		6
144	CHUK/IKK $\beta$ loss in lung epithelial cells enhances NSCLC growth associated with HIF up-regulation. <i>Life Science Alliance</i> , 2019, 2, e201900460.	1.3	6

#	ARTICLE	IF	CITATIONS
145	Transcriptomic and epigenomic analyses uncovered Lrrc15 as a contributing factor to cartilage damage in osteoarthritis. <i>Scientific Reports</i> , 2021, 11, 21107.	1.6	6
146	IKK $\kappa$ -Mediated Noncanonical NF- $\kappa$ B Signaling Is Required To Support Murine Gammaherpesvirus 68 Latency <i>In Vivo</i> . <i>Journal of Virology</i> , 2022, 96, e0002722.	1.5	6
147	Biology of the Normal Joint. , 2017, , 1-19.e4.		5
148	Evaluation of surfactant proteins A, B, C, and D in articular cartilage, synovial membrane and synovial fluid of healthy as well as patients with osteoarthritis and rheumatoid arthritis. <i>PLoS ONE</i> , 2018, 13, e0203502.	1.1	5
149	Pathogenesis of Osteoarthritis in General. , 2017, , 1-25.		5
150	CCAAT/enhancer binding protein $\beta$ (C/EBP $\beta$ ) regulates the transcription of growth arrest and DNA damage-inducible protein 45 $\beta$ (GADD45 $\beta$ ) in articular chondrocytes. <i>Pathology Research and Practice</i> , 2016, 212, 302-309.	1.0	4
151	Cartilage and Chondrocytes. , 2017, , 34-59.e3.		4
152	CITED2 mediates the mechanical loading $\hat{a}$ induced suppression of adipokines in the infrapatellar fat pad. <i>Annals of the New York Academy of Sciences</i> , 2019, 1442, 153-164.	1.8	4
153	Cytokines, Growth Factors, and Bone-Derived Factors in Cartilage. , 2007, , 41-63.		4
154	The integrative analysis of DNA methylation and mRNA expression profiles confirmed the role of selenocompound metabolism pathway in Kashin-Beck disease. <i>Cell Cycle</i> , 2020, 19, 2351-2366.	1.3	3
155	Preparation of Immortalized Human Chondrocyte Cell Lines. , 1999, 18, 173-192.		2
156	Cytokines. <i>Novartis Foundation Symposium</i> , 1988, 136, 239-256.	1.2	2
157	Update on the Chondrocyte Lineage and Implications for Cell Therapy in Osteoarthritis. , 2007, , 53-76.		2
158	Chondrogenesis, joint formation, and cartilage metabolism. <i>Arthritis Research and Therapy</i> , 2012, 14, .	1.6	2
159	Cartilage Biology: Overview. , 2020, , 521-534.		2
160	Basal and IL-1 $\beta$ enhanced chondrocyte chemotactic activity on monocytes are co-dependent on both IKK $\kappa$ and IKK $\beta$ NF- $\kappa$ B activating kinases. <i>Scientific Reports</i> , 2021, 11, 21697.	1.6	2
161	Rheumatoid Arthritis and other Inflammatory Joint Pathologies. , 2006, , 843-869.		1
162	Do mouse models reflect the diversity of osteoarthritis in humans?. <i>Arthritis and Rheumatism</i> , 2012, 64, 3072-3075.	6.7	1

#	ARTICLE	IF	CITATIONS
163	Tribute To Stephen M Krane. <i>Journal of Bone and Mineral Research</i> , 2015, 30, 751-752.	3.1	1
164	Potential Mechanisms of PTOA: Inflammation. , 2015, , 201-209.		1
165	Osteoarthritis and the Immune System. , 2016, , 257-269.		1
166	Parathyroid hormone-related protein is abundant in osteoarthritic cartilage, and the parathyroid hormone-related protein 1-173 isoform is selectively induced by transforming growth factor $\beta^2$ in articular chondrocytes and suppresses generation of extracellular inorganic pyrophosphate. <i>Arthritis and Rheumatism</i> , 1998, 41, 2152-2164.	6.7	1
167	Cartilage and Chondrocytes. , 2009, , 37-69.		1
168	Cells for Cartilage Regeneration. , 2020, , 33-99.		1
169	Editorial [Hot Topic: Stem Cells and Osteoarthritis (Guest Editors: Nicolai Miosge and Mary B.)] <i>ETQq1 1 0.784314 rgBT /Overlock 107</i>	0.4	0
170	Non-coding RNAs and posttranscriptional regulation in cartilage and bone. <i>IBMS BoneKEy</i> , 2012, 9, .	0.1	0
171	Synovial inflammation correlates with meniscal pathology in a cohort of patients undergoing acl reconstruction for traumatic acl rupture. <i>Osteoarthritis and Cartilage</i> , 2012, 20, S56-S57.	0.6	0
172	Contribution of ELF3 to cartilage damage in a non-invasive mechanical loading mouse model with osteoarthritis-like pathology. <i>Osteoarthritis and Cartilage</i> , 2015, 23, A309-A310.	0.6	0
173	Cited2-mediated chondroprotective effects via suppression of adipogenesis and proinflammatory mediators in the infrapatellar fat pad. <i>Osteoarthritis and Cartilage</i> , 2016, 24, S61.	0.6	0
174	The E74-like factor 3 (ELF3) suppresses type II collagen gene (COL2A1) transcription in chondrocytes by disrupting the SOX9 CBP/P300-mediated histone acetyl transferase activity. <i>Osteoarthritis and Cartilage</i> , 2016, 24, S145.	0.6	0
175	Macroscopic synovial inflammation correlates with symptoms and cartilage degradation in middle-aged patients undergoing arthroscopic surgery for meniscal tear.. <i>Osteoarthritis and Cartilage</i> , 2016, 24, S328.	0.6	0
176	Response to "Letter to the editor: Labral calcification plays a key role in hip pain and symptoms in femoroacetabular impingement" <i>Journal of Orthopaedic Surgery and Research</i> , 2020, 15, 274.	0.9	0
177	Cells for Cartilage Regeneration. , 2018, , 1-67.		0
178	Toward Defining the Role of Ca <sup>2+</sup> and MAP Kinases in Fluid-Induced Shear Regulation of Aggrecan in Chondrocytes. , 1998, , .		0
179	Contribution of joint tissue properties to load-induced osteoarthritis. <i>Bone Reports</i> , 2022, , 101602.	0.2	0