

Mary B Goldring

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

163
papers

15,169
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183
ext. papers

17,211
ext. citations

5.2
avg, IF

7.06
L-index

#	Paper	IF	Citations
163	Osteoarthritis: a disease of the joint as an organ. <i>Arthritis and Rheumatism</i> , 2012 , 64, 1697-707		1449
162	Osteoarthritis. <i>Journal of Cellular Physiology</i> , 2007 , 213, 626-34	7	953
161	Inflammation in osteoarthritis. <i>Current Opinion in Rheumatology</i> , 2011 , 23, 471-8	5.3	835
160	The control of chondrogenesis. <i>Journal of Cellular Biochemistry</i> , 2006 , 97, 33-44	4.7	815
159	The role of the chondrocyte in osteoarthritis. <i>Arthritis and Rheumatism</i> , 2000 , 43, 1916-26		570
158	Osteoarthritis. <i>Nature Reviews Disease Primers</i> , 2016 , 2, 16072	51.1	534
157	Articular cartilage and subchondral bone in the pathogenesis of osteoarthritis. <i>Annals of the New York Academy of Sciences</i> , 2010 , 1192, 230-7	6.5	513
156	Cartilage homeostasis in health and rheumatic diseases. <i>Arthritis Research and Therapy</i> , 2009 , 11, 224	5.7	464
155	The role of cytokines in cartilage matrix degeneration in osteoarthritis. <i>Clinical Orthopaedics and Related Research</i> , 2004 , S27-36	2.2	452
154	NF-kappaB signaling: multiple angles to target OA. <i>Current Drug Targets</i> , 2010 , 11, 599-613	3	407
153	Changes in the osteochondral unit during osteoarthritis: structure, function and cartilage-bone crosstalk. <i>Nature Reviews Rheumatology</i> , 2016 , 12, 632-644	8.1	348
152	Osteoarthritis and cartilage: the role of cytokines. <i>Current Rheumatology Reports</i> , 2000 , 2, 459-65	4.9	343
151	Roles of inflammatory and anabolic cytokines in cartilage metabolism: signals and multiple effectors converge upon MMP-13 regulation in osteoarthritis. <i>European Cells and Materials</i> , 2011 , 21, 202-20	4.3	310
150	Chondrogenesis, chondrocyte differentiation, and articular cartilage metabolism in health and osteoarthritis. <i>Therapeutic Advances in Musculoskeletal Disease</i> , 2012 , 4, 269-85	3.8	257
149	The role of cytokines as inflammatory mediators in osteoarthritis: lessons from animal models. <i>Connective Tissue Research</i> , 1999 , 40, 1-11	3.3	235
148	Homeostatic mechanisms in articular cartilage and role of inflammation in osteoarthritis. <i>Current Rheumatology Reports</i> , 2013 , 15, 375	4.9	212
147	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, 1003-25	5.3	199

146	The regulation of chondrocyte function by proinflammatory mediators: prostaglandins and nitric oxide. <i>Clinical Orthopaedics and Related Research</i> , 2004 , S37-46	2.2	191
145	IKKalpha, IKKbeta, and NEMO/IKKgamma are each required for the NF-kappa B-mediated inflammatory response program. <i>Journal of Biological Chemistry</i> , 2002 , 277, 45129-40	5.4	178
144	Activation of the discoidin domain receptor 2 induces expression of matrix metalloproteinase 13 associated with osteoarthritis in mice. <i>Journal of Biological Chemistry</i> , 2005 , 280, 548-55	5.4	148
143	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	4.7	147
142	Vascular endothelial growth factor (VEGF) induces matrix metalloproteinase expression in immortalized chondrocytes. <i>Journal of Pathology</i> , 2004 , 202, 367-74	9.4	140
141	NF-kappa B-mediated repression of growth arrest- and DNA-damage-inducible proteins 45alpha and gamma is essential for cancer cell survival. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004 , 101, 13618-23	11.5	132
140	Novel NEMO/IkappaB kinase and NF-kappa B target genes at the pre-B to immature B cell transition. <i>Journal of Biological Chemistry</i> , 2001 , 276, 18579-90	5.4	125
139	Epigenomic and microRNA-mediated regulation in cartilage development, homeostasis, and osteoarthritis. <i>Trends in Molecular Medicine</i> , 2012 , 18, 109-18	11.5	123
138	DNA demethylation at specific CpG sites in the IL1B promoter in response to inflammatory cytokines in human articular chondrocytes. <i>Arthritis and Rheumatism</i> , 2009 , 60, 3303-13		123
137	In vivo cyclic compression causes cartilage degeneration and subchondral bone changes in mouse tibiae. <i>Arthritis and Rheumatism</i> , 2013 , 65, 1569-78		119
136	Emerging targets in osteoarthritis therapy. <i>Current Opinion in Pharmacology</i> , 2015 , 22, 51-63	5.1	112
135	Regulated transcription of human matrix metalloproteinase 13 (MMP13) and interleukin-1(IL1B) genes in chondrocytes depends on methylation of specific proximal promoter CpG sites. <i>Journal of Biological Chemistry</i> , 2013 , 288, 10061-10072	5.4	110
134	Proteomic analysis of synovial fluid from the osteoarthritic knee: comparison with transcriptome analyses of joint tissues. <i>Arthritis and Rheumatism</i> , 2013 , 65, 981-92		109
133	Egr-1 mediates transcriptional repression of COL2A1 promoter activity by interleukin-1beta. <i>Journal of Biological Chemistry</i> , 2003 , 278, 17688-700	5.4	104
132	CITED2-mediated regulation of MMP-1 and MMP-13 in human chondrocytes under flow shear. <i>Journal of Biological Chemistry</i> , 2003 , 278, 47275-80	5.4	100
131	Anticytokine therapy for osteoarthritis. <i>Expert Opinion on Biological Therapy</i> , 2001 , 1, 817-29	5.4	99
130	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, 2663-73		97
129	Immortalized human adult articular chondrocytes maintain cartilage-specific phenotype and responses to interleukin-1beta. <i>Arthritis and Rheumatism</i> , 2000 , 43, 2189-201		97

128	A misplaced lncRNA causes brachydactyly in humans. <i>Journal of Clinical Investigation</i> , 2012 , 122, 3990-4002	3.9	95
127	Pathophysiology of osteoarthritis: canonical NF- κ B/IKK β -dependent and kinase-independent effects of IKK β in cartilage degradation and chondrocyte differentiation. <i>RMD Open</i> , 2015 , 1, e000061	5.9	85
126	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 kappaB-mediated induction of the Ets transcription factor ESE-1. <i>Arthritis and Rheumatism</i> , 2003 , 48, 1249-60		85
125	Pulsed electromagnetic fields increased the anti-inflammatory effect of A β and A β adenosine receptors in human T/C-28a2 chondrocytes and hFOB 1.19 osteoblasts. <i>PLoS ONE</i> , 2013 , 8, e65561	3.7	84
124	The epigenetic effect of glucosamine and a nuclear factor-kappa B (NF- κ B) inhibitor on primary human chondrocytes--implications for osteoarthritis. <i>Biochemical and Biophysical Research Communications</i> , 2011 , 405, 362-7	3.4	83
123	Cells of the synovium in rheumatoid arthritis. Chondrocytes. <i>Arthritis Research and Therapy</i> , 2007 , 9, 2205-7	5.7	83
122	A novel role for GADD45beta as a mediator of MMP-13 gene expression during chondrocyte terminal differentiation. <i>Journal of Biological Chemistry</i> , 2005 , 280, 38544-55	5.4	81
121	Inhibitor of NF-kappa B kinases alpha and beta are both essential for high mobility group box 1-mediated chemotaxis [corrected]. <i>Journal of Immunology</i> , 2010 , 184, 4497-509	5.3	79
120	Articular cartilage degradation in osteoarthritis. <i>HSS Journal</i> , 2012 , 8, 7-9	2	78
119	Differential expression of GADD45beta in normal and osteoarthritic cartilage: potential role in homeostasis of articular chondrocytes. <i>Arthritis and Rheumatism</i> , 2008 , 58, 2075-87		77
118	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, 3303-8	9.2	77
117	Molecular cloning of rat and human type IX collagen cDNA and localization of the alpha 1(IX) gene on the human chromosome 6. <i>FEBS Journal</i> , 1989 , 179, 71-8		72
116	Early knee osteoarthritis. <i>RMD Open</i> , 2015 , 1, e000062	5.9	71
115	Loss of methylation in CpG sites in the NF- κ B enhancer elements of inducible nitric oxide synthase is responsible for gene induction in human articular chondrocytes. <i>Arthritis and Rheumatism</i> , 2013 , 65, 732-42		71
114	WISP3-dependent regulation of type II collagen and aggrecan production in chondrocytes. <i>Arthritis and Rheumatism</i> , 2004 , 50, 488-97		71
113	Chondrogenesis, joint formation, and articular cartilage regeneration. <i>Journal of Cellular Biochemistry</i> , 2009 , 107, 383-92	4.7	70
112	Parathyroid hormone-related proteins 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, 2152-64		65
111	Chemokines in cartilage degradation. <i>Clinical Orthopaedics and Related Research</i> , 2004 , S53-61	2.2	65

110	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	6.5	63
109	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, 1736-45		62
108	Physiological loading of joints prevents cartilage degradation through CITED2. <i>FASEB Journal</i> , 2011 , 25, 182-91	0.9	61
107	Differential requirements for IKKalpha and IKKbeta in the differentiation of primary human osteoarthritic chondrocytes. <i>Arthritis and Rheumatism</i> , 2008 , 58, 227-39		61
106	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, 3559-72	5.4	60
105	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	4.1	58
104	Green tea polyphenol treatment is chondroprotective, anti-inflammatory and palliative in a mouse post-traumatic osteoarthritis model. <i>Arthritis Research and Therapy</i> , 2014 , 16, 508	5.7	55
103	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, 848-60	5.6	55
102	The Ets transcription factor ESE-1 mediates induction of the COX-2 gene by LPS in monocytes. <i>FEBS Journal</i> , 2005 , 272, 1676-87	5.7	55
101	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, 3040-51	9.5	53
100	Anti-inflammatory activity of an ethanolic <i>Caesalpinia sappan</i> extract in human chondrocytes and macrophages. <i>Journal of Ethnopharmacology</i> , 2011 , 138, 364-72	5	52
99	Regulation of Collagen Gene Expression by Prostaglandins and Interleukin-1beta in Cultured Chondrocytes and Fibroblasts. <i>American Journal of Therapeutics</i> , 1996 , 3, 9-16	1	51
98	Transcriptional and post-transcriptional regulation of iNOS expression in human chondrocytes. <i>Biochemical Pharmacology</i> , 2010 , 79, 722-32	6	50
97	Identification of α -macroglobulin as a master inhibitor of cartilage-degrading factors that attenuates the progression of posttraumatic osteoarthritis. <i>Arthritis and Rheumatology</i> , 2014 , 66, 1843-53	5.5	49
96	Inhibitors of mitogen-activated protein kinases downregulate COX-2 expression in human chondrocytes. <i>Mediators of Inflammation</i> , 2005 , 2005, 249-55	4.3	49
95	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, 103-15	3.8	48
94	ESE-1 is a novel transcriptional mediator of angiopoietin-1 expression in the setting of inflammation. <i>Journal of Biological Chemistry</i> , 2004 , 279, 12794-803	5.4	48
93	ESE-1 is a potent repressor of type II collagen gene (COL2A1) transcription in human chondrocytes. <i>Journal of Cellular Physiology</i> , 2008 , 215, 562-73	7	47

92	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, 1156-62	2.4	46
91	Selection of reliable reference genes for qPCR studies on chondroprotective action. <i>BMC Molecular Biology</i> , 2007 , 8, 13	4.5	46
90	Suppressors of cytokine signalling (SOCS) are reduced in osteoarthritis. <i>Biochemical and Biophysical Research Communications</i> , 2011 , 407, 54-9	3.4	45
89	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	6.2	42
88	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, 2370-81		41
87	ADAM17 controls endochondral ossification by regulating terminal differentiation of chondrocytes. <i>Molecular and Cellular Biology</i> , 2013 , 33, 3077-90	4.8	40
86	Production of endogenous antibiotics in articular cartilage. <i>Arthritis and Rheumatism</i> , 2004 , 50, 3526-34		40
85	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, 1338-46	5.8	39
84	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, 30-8	11.7	38
83	Human chondrocyte cultures as models of cartilage-specific gene regulation. <i>Methods in Molecular Biology</i> , 2012 , 806, 301-36	1.4	38
82	GADD45beta enhances Col10a1 transcription via the MTK1/MKK3/6/p38 axis and activation of C/EBPbeta-TAD4 in terminally differentiating chondrocytes. <i>Journal of Biological Chemistry</i> , 2010 , 285, 8395-407	5.4	37
81	Mouse models of osteoarthritis: surgical model of posttraumatic osteoarthritis induced by destabilization of the medial meniscus. <i>Methods in Molecular Biology</i> , 2015 , 1226, 143-73	1.4	35
80	Oxidative stress and status of antioxidant enzymes in children with Kashin-Beck disease. <i>Osteoarthritis and Cartilage</i> , 2013 , 21, 1781-9	6.2	34
79	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, 815-25		34
78	IKK γ /CHUK regulates extracellular matrix remodeling independent of its kinase activity to facilitate articular chondrocyte differentiation. <i>PLoS ONE</i> , 2013 , 8, e73024	3.7	34
77	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	5.7	33
76	Activation and regulation of the IkappaB kinase in human B cells by CD40 signaling. <i>European Journal of Immunology</i> , 1999 , 29, 1353-62	6.1	33
75	Cytokines and skeletal physiology. <i>Clinical Orthopaedics and Related Research</i> , 1996 , 13-23	2.2	33

74	DNA methylation of the RUNX2 P1 promoter mediates MMP13 transcription in chondrocytes. <i>Scientific Reports</i> , 2017 , 7, 7771	4.9	31
73	Role of subchondral bone properties and changes in development of load-induced osteoarthritis in mice. <i>Osteoarthritis and Cartilage</i> , 2017 , 25, 2108-2118	6.2	31
72	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	7	31
71	Culture of immortalized chondrocytes and their use as models of chondrocyte function. <i>Methods in Molecular Medicine</i> , 2004 , 100, 37-52		30
70	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	4.9	29
69	Caesalpinia sappan extract inhibits IL1 β mediated overexpression of matrix metalloproteinases in human chondrocytes. <i>Genes and Nutrition</i> , 2012 , 7, 307-18	4.3	29
68	Phlpp1 facilitates post-traumatic osteoarthritis and is induced by inflammation and promoter demethylation in human osteoarthritis. <i>Osteoarthritis and Cartilage</i> , 2016 , 24, 1021-8	6.2	27
67	Mechanical forces induce changes in VEGF and VEGFR-1/sFlt-1 expression in human chondrocytes. <i>International Journal of Molecular Sciences</i> , 2014 , 15, 15456-74	6.3	26
66	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	5.7	26
65	Immortalization of human articular chondrocytes for generation of stable, differentiated cell lines. <i>Methods in Molecular Medicine</i> , 2004 , 100, 23-36		26
64	Progressive cell-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	3.8	26
63	Gene expression profiling in conjunction with physiological rescues of IKK α -null cells with wild type or mutant IKK α reveals distinct classes of IKK α /NF- κ B-dependent genes. <i>Journal of Biological Chemistry</i> , 2005 , 280, 14057-69	5.4	25
62	Laminins and Nidogens in the Pericellular Matrix of Chondrocytes: Their Role in Osteoarthritis and Chondrogenic Differentiation. <i>American Journal of Pathology</i> , 2016 , 186, 410-8	5.8	24
61	C-28/I2 and T/C-28a2 chondrocytes as well as human primary articular chondrocytes express sex hormone and insulin receptors--Useful cells in study of cartilage metabolism. <i>Annals of Anatomy</i> , 2011 , 193, 23-9	2.9	23
60	Dual regulation of metalloproteinase expression in chondrocytes by Wnt-1-inducible signaling pathway protein 3/CCN6. <i>Arthritis and Rheumatism</i> , 2012 , 64, 2289-99		22
59	The proinflammatory cytokines interleukin-1 β and tumor necrosis factor α promote the expression and secretion of proteolytically active cathepsin S from human chondrocytes. <i>Biological Chemistry</i> , 2013 , 394, 307-16	4.5	22
58	ELF3 modulates type II collagen gene (COL2A1) transcription in chondrocytes by inhibiting SOX9-CBP/p300-driven histone acetyltransferase activity. <i>Connective Tissue Research</i> , 2017 , 58, 15-26	3.3	21
57	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	3.8	21

56	Human chondrocyte cultures as models of cartilage-specific gene regulation. <i>Methods in Molecular Medicine</i> , 2005 , 107, 69-95		21
55	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	5.7	20
54	E74-like factor 3 and nuclear factor- κ B regulate lipocalin-2 expression in chondrocytes. <i>Journal of Physiology</i> , 2016 , 594, 6133-6146	3.9	18
53	Cell migration to CXCL12 requires simultaneous IKK α and IKK β dependent NF- κ B signaling. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2014 , 1843, 1796-1804	4.9	18
52	Elf3 Contributes to Cartilage Degradation in vivo in a Surgical Model of Post-Traumatic Osteoarthritis. <i>Scientific Reports</i> , 2018 , 8, 6438	4.9	16
51	Phlpp inhibitors block pain and cartilage degradation associated with osteoarthritis. <i>Journal of Orthopaedic Research</i> , 2018 , 36, 1487-1497	3.8	15
50	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, 791-5	6.2	14
49	Functional isoforms of I κ B kinase alpha (IKK α) lacking leucine zipper and helix-loop-helix domains reveal that IKK α and IKK β have different activation requirements. <i>Molecular and Cellular Biology</i> , 2000 , 20, 2635-49	4.8	14
48	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	5.2	11
47	Inducible knockout of CHUK/IKK γ in adult chondrocytes reduces progression of cartilage degradation in a surgical model of osteoarthritis. <i>Scientific Reports</i> , 2019 , 9, 8905	4.9	11
46	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, 586-90	6.2	11
45	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	3.9	10
44	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	3.8	9
43	Collagen XI mutation lowers susceptibility to load-induced cartilage damage in mice. <i>Journal of Orthopaedic Research</i> , 2018 , 36, 711-720	3.8	9
42	Lack of ADAM10 in endothelial cells affects osteoclasts at the chondro-osseous junction. <i>Journal of Orthopaedic Research</i> , 2014 , 32, 224-30	3.8	9
41	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	2.8	8
40	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	4.1	8
39	Is arthroscopic videotape a reliable tool for describing early joint tissue pathology of the knee?. <i>Knee</i> , 2017 , 24, 1374-1382	2.6	7

38	Lysyl Oxidase-Like 2 Protects against Progressive and Aging Related Knee Joint Osteoarthritis in Mice. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	6
37	CITED2 mediates the cross-talk between mechanical loading and IL-4 to promote chondroprotection. <i>Annals of the New York Academy of Sciences</i> , 2019 , 1442, 128-137	6.5	6
36	Human chondrocyte cultures as models of cartilage-specific gene regulation. <i>Methods in Molecular Medicine</i> , 1996 , 2, 217-32		6
35	Morphological and ultrastructural analysis of normal, injured and osteoarthritic human knee menisci. <i>European Journal of Histochemistry</i> , 2019 , 63,	2.1	6
34	LOXL2 as a protective in osteoarthritis cartilage. <i>Aging</i> , 2017 , 9, 2024-2025	5.6	5
33	Cartilage and Chondrocytes 2013 , 33-60.e10		5
32	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	1.4	5
31	Biology of the Normal Joint 2017 , 1-19.e4		4
30	Role of cytokines and chemokines in cartilage and bone destruction in arthritis. <i>Current Opinion in Orthopaedics</i> , 2002 , 13, 351-362		4
29	Pathogenesis of Osteoarthritis in General 2017 , 1-25		4
28	Individual and combined toxicity of T-2 toxin and deoxynivalenol on human C-28/I2 and rat primary chondrocytes. <i>Journal of Applied Toxicology</i> , 2019 , 39, 343-353	4.1	4
27	Cartilage and Chondrocytes 2017 , 34-59.e3		3
26	Thermoresponsive polymeric dexamethasone prodrug for arthritis pain. <i>Journal of Controlled Release</i> , 2021 , 339, 484-497	11.7	3
25	Cytokines, Growth Factors, and Bone-Derived Factors in Cartilage 2007 , 41-63		3
24	LOXL2 promotes aggrecan and gender-specific anabolic differences to TMJ cartilage. <i>Scientific Reports</i> , 2020 , 10, 20179	4.9	3
23	CCAAT/enhancer binding protein [[C/EBP]] regulates the transcription of growth arrest and DNA damage-inducible protein 45 [[GADD45]] in articular chondrocytes. <i>Pathology Research and Practice</i> , 2016 , 212, 302-9	3.4	3
22	CITED2 mediates the mechanical loading-induced suppression of adipokines in the infrapatellar fat pad. <i>Annals of the New York Academy of Sciences</i> , 2019 , 1442, 153-164	6.5	2
21	Update on the Chondrocyte Lineage and Implications for Cell Therapy in Osteoarthritis 2007 , 53-76		2

20	Transcriptomic and epigenomic analyses uncovered <i>Lrrc15</i> as a contributing factor to cartilage damage in osteoarthritis. <i>Scientific Reports</i> , 2021 , 11, 21107	4.9	2
19	Biology of the Normal Joint 2013 , 1-19.e6		2
18	Potential Mechanisms of PTOA: Inflammation 2015 , 201-209		1
17	Chondrogenesis, joint formation, and cartilage metabolism. <i>Arthritis Research and Therapy</i> , 2012 , 14,	5.7	1
16	Cytokines. <i>Novartis Foundation Symposium</i> , 1988 , 136, 239-56		1
15	Rheumatoid Arthritis and other Inflammatory Joint Pathologies 2006 , 843-869		1
14	CHUK/IKK- β loss in lung epithelial cells enhances NSCLC growth associated with HIF up-regulation. <i>Life Science Alliance</i> , 2019 , 2,	5.8	1
13	Cartilage Biology: Overview 2020 , 521-534		1
12	Cartilage and Chondrocytes 2009 , 37-69		1
11	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	4.7	1
10	Osteoarthritis and the Immune System 2016 , 257-269		1
9	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	3.7	1
8	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 β in articular chondrocytes and suppresses generation of extracellular inorganic pyrophosphate 1998 , 41, 2152		1
7	Basal and IL-1 β enhanced chondrocyte chemotactic activity on monocytes are co-dependent on both IKK α and IKK β /NF- κ B activating kinases. <i>Scientific Reports</i> , 2021 , 11, 21697	4.9	0
6	Cells for Cartilage Regeneration 2020 , 33-99		0
5	Tribute to Stephen M. Krane. <i>Journal of Bone and Mineral Research</i> , 2015 , 30, 751-2	6.3	
4	Preparation of immortalized human chondrocyte cell lines. <i>Methods in Molecular Medicine</i> , 1999 , 18, 173-92		
3	Cells for Cartilage Regeneration 2018 , 1-67		

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| 2 | 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 | 2.8 |
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