

# CITATION REPORT

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## Osteoarthritis and cartilage: the role of cytokines

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#	Paper	IF	Citations
368	Articular cartilage and changes in arthritis. An introduction: cell biology of osteoarthritis. <b>2001</b> , 3, 107-13		602
367	Cell biology of osteoarthritis: the chondrocyte's response to injury. <i>Current Rheumatology Reports</i> , <b>2001</b> , 3, 496-505	4.9	61
366	Estradiol represses human T-cell leukemia virus type 1 Tax activation of tumor necrosis factor-alpha gene transcription. <b>2002</b> , 277, 44772-7		25
365	CCAAT/enhancer-binding proteins beta and delta mediate the repression of gene transcription of cartilage-derived retinoic acid-sensitive protein induced by interleukin-1 beta. <b>2002</b> , 277, 31526-33		47
364	Osteoarthritis or osteoarthrosis: the definition of inflammation becomes a semantic issue in the genomic era of molecular medicine. <i>Osteoarthritis and Cartilage</i> , <b>2002</b> , 10, 1-4	6.2	120
363	Epigallocatechin-3-gallate inhibits interleukin-1beta-induced expression of nitric oxide synthase and production of nitric oxide in human chondrocytes: suppression of nuclear factor kappaB activation by degradation of the inhibitor of nuclear factor kappaB. <b>2002</b> , 46, 2079-86		159
362	Expression of heme oxygenase-1 and regulation by cytokines in human osteoarthritic chondrocytes. <b>2003</b> , 66, 2049-52		50
361	Immunologic intervention in the pathogenesis of osteoarthritis. <b>2003</b> , 48, 602-11		60
360	Immature articular cartilage is more susceptible to blood-induced damage than mature articular cartilage: an in vivo animal study. <b>2003</b> , 48, 396-403		34
359	Epigallocatechin-3-gallate selectively inhibits interleukin-1beta-induced activation of mitogen activated protein kinase subgroup c-Jun N-terminal kinase in human osteoarthritis chondrocytes. <b>2003</b> , 21, 102-9		117
358	Haemoglobin-derived iron-dependent hydroxyl radical formation in blood-induced joint damage: an in vitro study. <b>2003</b> , 42, 784-90		78
357	Anti-inflammatory actions of the heme oxygenase-1 pathway. <b>2003</b> , 9, 2541-51		182
356	Intracellular interleukin-1 receptor antagonist in osteoarthritis chondrocytes. <b>2003</b> , 285-95		12
355	Phenotypic characterization of human chondrocyte cell line C-20/A4: a comparison between monolayer and alginate suspension culture. <b>2004</b> , 178, 65-77		25
354	Increased presence of cells with multiple elongated processes in osteoarthritic femoral head cartilage. <i>Osteoarthritis and Cartilage</i> , <b>2004</b> , 12, 17-24	6.2	36
353	Cathepsin B in osteoarthritis: uncontrolled proteolysis in the wrong place. <b>2005</b> , 34, 24-8		19
352	A novel cyclo-oxygenase-2 inhibitor modulates catabolic and antiinflammatory mediators in osteoarthritis. <b>2004</b> , 68, 417-21		15

351	The differential effects of IL-1 and TNF-alpha on proinflammatory cytokine and matrix metalloproteinase expression in human chondrosarcoma cells. <b>2004</b> , 53, 377-89	54
350	Vascular endothelial growth factor (VEGF) induces matrix metalloproteinase expression in immortalized chondrocytes. <b>2004</b> , 202, 367-74	140
349	Does protein kinase R mediate TNF-alpha- and ceramide-induced increases in expression and activation of matrix metalloproteinases in articular cartilage by a novel mechanism?. <b>2004</b> , 6, R46-R55	26
348	IL-1beta induction of IL-6 and LIF in normal articular human chondrocytes involves the ERK, p38 and NFkappaB signaling pathways. <b>2004</b> , 28, 17-24	71
347	Mechanical overload induces VEGF in cartilage discs via hypoxia-inducible factor. <b>2004</b> , 164, 185-92	125
346	Human chondrocyte cultures as models of cartilage-specific gene regulation. <b>2005</b> , 107, 69-95	21
345	The role of biomechanics and inflammation in cartilage injury and repair. <b>2004</b> , 17-26	221
344	The regulation of chondrocyte function by proinflammatory mediators: prostaglandins and nitric oxide. <b>2004</b> , S37-46	191
343	Expression and regulation of antimicrobial peptides in articular joints. <b>2005</b> , 187, 499-508	38
342	Histologic evaluation of temporomandibular arthritis induced by mild mechanical loading in rabbits. <b>2005</b> , 34, 157-63	26
341	Inflammation-responsive transcription factors SAF-1 and c-Jun/c-Fos promote canine MMP-1 gene expression. <b>2005</b> , 1732, 53-61	18
340	Cartilage degeneration in different human joints. <i>Osteoarthritis and Cartilage</i> , <b>2005</b> , 13, 93-103	6.2 162
339	Human beta-defensin 3 mediates tissue remodeling processes in articular cartilage by increasing levels of metalloproteinases and reducing levels of their endogenous inhibitors. <b>2005</b> , 52, 1736-45	62
338	Association between the abnormal expression of matrix-degrading enzymes by human osteoarthritic chondrocytes and demethylation of specific CpG sites in the promoter regions. <b>2005</b> , 52, 3110-24	258
337	TGFbeta inhibits IL-1 -induced iNOS expression and NO production in immortalized chondrocytes. <b>2005</b> , 54, 420-7	22
336	Die Rolle der Zytokine bei Knorpeldefekten und in der Knorpeltherapie. <b>2005</b> , 18, 181-185	3
335	Biological basis for the use of botanicals in osteoarthritis and rheumatoid arthritis: a review. <b>2005</b> , 2, 301-8	146
334	New Functions of Angiogenic Peptides in Osteoarthritic Cartilage. <b>2005</b> , 1, 37-43	5

333	Gene expression profiling of serum- and interleukin-1 beta-stimulated primary human adult articular chondrocytes--a molecular analysis based on chondrocytes isolated from one donor. <b>2005</b> , 31, 227-40		47
332	Inhibitory effect of <i>Buthus martensi</i> Karsch extracts on interleukin-1beta-induced expression of nitric oxide (NO) synthase and production of NO in human chondrocytes and LPS-induced NO and prostaglandin E2 production in mouse peritoneal macrophages. <b>2005</b> , 19, 757-69		12
331	The role of IL-1 and IL-1Ra in joint inflammation and cartilage degradation. <b>2006</b> , 74, 371-403		120
330	Pathology of the temporomandibular joint. <b>2006</b> , 12, 31-39		9
329	Up-regulation of matrix in bovine articular cartilage explants by electric fields. <b>2006</b> , 342, 556-61		38
328	IL-1beta, but not BMP-7 leads to a dramatic change in the gene expression pattern of human adult articular chondrocytes--portraying the gene expression pattern in two donors. <b>2006</b> , 36, 90-9		19
327	p38MAPK mediates IL-1-induced down-regulation of aggrecan gene expression in human chondrocytes. <i>International Journal of Molecular Medicine</i> , <b>2006</b> , 17, 661	4.4	4
326	Cytokines, tumor necrosis factor-alpha and interleukin-1beta, differentially regulate apoptosis in osteoarthritis cultured human chondrocytes. <i>Osteoarthritis and Cartilage</i> , <b>2006</b> , 14, 660-9	6.2	145
325	Effects of interleukin-1 on calcium signaling and the increase of filamentous actin in isolated and in situ articular chondrocytes. <b>2006</b> , 54, 2164-74		54
324	Large-scale gene expression profiling reveals major pathogenetic pathways of cartilage degeneration in osteoarthritis. <b>2006</b> , 54, 3533-44		292
323	Jun activation domain-binding protein 1 binds Smad5 and inhibits bone morphogenetic protein signaling. <b>2006</b> , 54, 3878-84		16
322	Protein Kinase R: A Novel Mediator of Articular Cartilage Degradation in Arthritis. <b>2006</b> , 2, 9-21		2
321	The effect of synovial fluid from injured knee joints on in vitro chondrogenesis. <i>Tissue Engineering</i> , <b>2006</b> , 12, 2957-64		37
320	Protein kinase Czeta is up-regulated in osteoarthritic cartilage and is required for activation of NF-kappaB by tumor necrosis factor and interleukin-1 in articular chondrocytes. <b>2006</b> , 281, 24124-37		54
319	Nitric oxide synthase and cyclooxygenase interactions in cartilage and meniscus: relationships to joint physiology, arthritis, and tissue repair. <b>2007</b> , 42, 31-62		32
318	Inflammation in the Pathogenesis of Chronic Diseases. <b>2007</b> ,		4
317	A painful interface between normal aging and disease. <b>2007</b> , 62, 613-5		3
316	[Physiopathology of osteoarthritis. From normal cartilage to osteoarthritic cartilage: risk factors and inflammatory mechanisms]. <b>2007</b> , 28, 531-6		9

315	Activation of interleukin-1 signaling cascades in normal and osteoarthritic articular cartilage. <b>2007</b> , 171, 938-46		101
314	Autologous conditioned serum in the treatment of orthopedic diseases: the orthokine therapy. <b>2007</b> , 21, 323-32		108
313	Therapeutic Efficacy and Safety of Undenatured Type II Collagen Singly or in Combination with Glucosamine and Chondroitin in Arthritic Dogs. <b>2007</b> , 17, 189-96		32
312	Update on the Chondrocyte Lineage and Implications for Cell Therapy in Osteoarthritis. <b>2007</b> , 53-76		2
311	Involvement of protein kinase Czeta in interleukin-1beta induction of ADAMTS-4 and type 2 nitric oxide synthase via NF-kappaB signaling in primary human osteoarthritic chondrocytes. <b>2007</b> , 56, 4074-83		29
310	Signaling pathways implicated in oncostatin M-induced aggrecanase-1 and matrix metalloproteinase-13 expression in human articular chondrocytes. <b>2007</b> , 1773, 309-20		33
309	Effects of intra-articular administration of glucosamine and a peptidyl-glucosamine derivative in a rabbit model of experimental osteoarthritis: a pilot study. <b>2008</b> , 28, 437-43		13
308	P38 MAP kinase inhibitors as potential therapeutics for the treatment of joint degeneration and pain associated with osteoarthritis. <b>2008</b> , 5, 22		48
307	Molecular network of cartilage homeostasis and osteoarthritis. <b>2008</b> , 28, 464-81		78
306	Absence of posttraumatic arthritis following intraarticular fracture in the MRL/MpJ mouse. <b>2008</b> , 58, 744-53		91
305	A novel tumor necrosis factor alpha-responsive CCAAT/enhancer binding protein site regulates expression of the cartilage-derived retinoic acid-sensitive protein gene in cartilage. <b>2008</b> , 58, 1366-76		9
304	Autologous interleukin-1 receptor antagonist improves function and symptoms in osteoarthritis when compared to placebo in a prospective randomized controlled trial. <i>Osteoarthritis and Cartilage</i> , <b>2008</b> , 16, 498-505	6.2	109
303	Effect of an exercise and dietary intervention on serum biomarkers in overweight and obese adults with osteoarthritis of the knee. <i>Osteoarthritis and Cartilage</i> , <b>2008</b> , 16, 1047-53	6.2	35
302	Interleukin-1 inhibits osmotically induced calcium signaling and volume regulation in articular chondrocytes. <i>Osteoarthritis and Cartilage</i> , <b>2008</b> , 16, 1466-73	6.2	16
301	Human articular chondrocytes produce IL-7 and respond to IL-7 with increased production of matrix metalloproteinase-13. <b>2008</b> , 10, R23		56
300	Facilitative Glucose Transporters in Articular Chondrocytes. <b>2008</b> ,		7
299	Synthesis and release of human cartilage matrix proteoglycans are differently regulated by nitric oxide and prostaglandin-E2. <b>2008</b> , 67, 52-8		21
298	Obesity and osteoarthritis: disease genesis and nonpharmacologic weight management. <b>2008</b> , 34, 713-29		55

297	Osteoarthritis: a problem of growth not decay?. <b>2008</b> , 47, 1452-60		64
296	Mechanism of basic calcium phosphate crystal-stimulated cyclo-oxygenase-1 up-regulation in osteoarthritic synovial fibroblasts. <b>2008</b> , 47, 965-71		15
295	Influence of glucosamine sulphate on oxidative stress in human osteoarthritic chondrocytes: effects on HO-1, p22(Phox) and iNOS expression. <b>2008</b> , 47, 31-5		44
294	An inflammation-responsive transcription factor in the pathophysiology of osteoarthritis. <b>2008</b> , 45, 399-409		11
293	Autologous conditioned serum (Orthokine) is an effective treatment for knee osteoarthritis. <i>Osteoarthritis and Cartilage</i> , <b>2009</b> , 17, 152-60	6.2	198
292	Global analysis of nuclear receptor expression and dysregulation in human osteoarthritic articular cartilage: reduced LXR signaling contributes to catabolic metabolism typical of osteoarthritis. <i>Osteoarthritis and Cartilage</i> , <b>2009</b> , 17, 832-42	6.2	41
291	The Intensive Diet and Exercise for Arthritis (IDEA) trial: design and rationale. <b>2009</b> , 10, 93		56
290	Chondrocytes from patients with osteoarthritis express typical extracellular matrix molecules once grown onto a three-dimensional hyaluronan-based scaffold. <b>2010</b> , 93, 86-95		36
289	Expression of MicroRNA-146a in osteoarthritis cartilage. <b>2009</b> , 60, 1035-41		385
288	MicroRNA-140 is expressed in differentiated human articular chondrocytes and modulates interleukin-1 responses. <b>2009</b> , 60, 2723-30		457
287	Expression of ADAMTS-4 by chondrocytes in the surface zone of human osteoarthritic cartilage is regulated by epigenetic DNA de-methylation. <b>2009</b> , 29, 525-34		86
286	Ligularia fischeri leaf extract suppresses proinflammatory mediators in SW982 human synovial cells. <b>2009</b> , 23, 1575-80		6
285	Involvement of the cytoskeletal elements in articular cartilage homeostasis and pathology. <b>2009</b> , 90, 1-15		57
284	Therapeutic efficacy of undenatured type-II collagen (UC-II) in comparison to glucosamine and chondroitin in arthritic horses. <b>2009</b> , 32, 577-84		31
283	Lidocaine potentiates the chondrotoxicity of methylprednisolone. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , <b>2009</b> , 25, 337-47	5.4	66
282	Obesity and osteoarthritis: disease genesis and nonpharmacologic weight management. <b>2009</b> , 93, 145-59, xi-xii		24
281	Investigation of selected biochemical indicators of Equine Rhabdomyolysis in Arabian horses: pro-inflammatory cytokines and oxidative stress markers. <b>2010</b> , 34, 677-89		21
280	The infrapatellar fat pad should be considered as an active osteoarthritic joint tissue: a narrative review. <i>Osteoarthritis and Cartilage</i> , <b>2010</b> , 18, 876-82	6.2	247

279	Hypoxia-inducible factor-2alpha is a catabolic regulator of osteoarthritic cartilage destruction. <b>2010</b> , 16, 687-93		373
278	Treatment of knee osteoarthritis with Orthokine-derived autologous conditioned serum. <b>2010</b> , 6, 335-45		32
277	Diet and exercise for obese adults with knee osteoarthritis. <b>2010</b> , 26, 461-77		29
276	Osteoarthritis: another component of metabolic syndrome?. <b>2010</b> , 8, 295-305		91
275	Celecoxib: considerations regarding its potential disease-modifying properties in osteoarthritis. <b>2011</b> , 13, 239		71
274	Metabolic labeling of chondrocytes for the quantitative analysis of the interleukin-1-beta-mediated modulation of their intracellular and extracellular proteomes. <b>2011</b> , 10, 3701-11		36
273	Oral glucosamine increases expression of transforming growth factor $\beta$ (TGF $\beta$ ) and connective tissue growth factor (CTGF) mRNA in rat cartilage and kidney: implications for human efficacy and toxicity. <b>2011</b> , 510, 11-8		18
272	Association of interleukin-6 and transforming growth factor- $\beta$ gene polymorphisms with developmental hip dysplasia and severe adult hip osteoarthritis: a preliminary study. <b>2011</b> , 54, 125-8		25
271	Suppressors of cytokine signalling (SOCS) are reduced in osteoarthritis. <b>2011</b> , 407, 54-9		45
270	Cartilage Tissue Engineering. <b>2011</b> , 199-212		2
269	A mini-review: microRNA in arthritis. <b>2011</b> , 43, 566-70		43
268	Acute joint pathology and synovial inflammation is associated with increased intra-articular fracture severity in the mouse knee. <i>Osteoarthritis and Cartilage</i> , <b>2011</b> , 19, 864-73	6.2	131
267	A 3D cartilage - inflammatory cell culture system for the modeling of human osteoarthritis. <b>2011</b> , 32, 5581-9		49
266	Curcumin synergizes with resveratrol to stimulate the MAPK signaling pathway in human articular chondrocytes in vitro. <b>2011</b> , 6, 171-9		61
265	Anti-Inflammatory mechanisms of the proteinase-activated receptor 2-inhibiting peptide in human synovial cells. <b>2011</b> , 18, 43		7
264	Regulation of MMP-3 expression and secretion by the chemokine eotaxin-1 in human chondrocytes. <b>2011</b> , 18, 86		25
263	Isolation of immunomodulatory triterpene acids from a standardized rose hip powder ( <i>Rosa canina</i> L.). <b>2011</b> , 25, 195-201		50
262	Transcriptome analysis reveals specific changes in osteoarthritis synovial fibroblasts. <b>2012</b> , 71, 275-80		29

261	Catabolic factors and osteoarthritis-conditioned medium inhibit chondrogenesis of human mesenchymal stem cells. <b>2012</b> , 18, 45-54	71
260	The antagonistic actions of endogenous interleukin-1 $\beta$ and 15-deoxy- $\Delta^2,14$ -prostaglandin J2 regulate the temporal synthesis of matrix metalloproteinase-9 in sheared chondrocytes. <b>2012</b> , 287, 31877-93	24
259	The phenotypic characterization of A13/BACii, a novel bovine chondrocytic cell line with differentiation potential. <b>2012</b> , 196, 251-61	2
258	An assessment of the chondroprotective effects of intra-articular application of statin and tetracycline on early-stage experimental osteoarthritis. <b>2012</b> , 2012, 182097	7
257	Requirement of the phosphatidylinositol 3-kinase/Akt signaling pathway for the effect of nicotine on interleukin-1 $\beta$ -induced chondrocyte apoptosis in a rat model of osteoarthritis. <b>2012</b> , 423, 606-12	32
256	Impact of inflammation on the osteoarthritic niche: implications for regenerative medicine. <i>Regenerative Medicine</i> , <b>2012</b> , 7, 551-70	2.5 3
255	The effect of vascular endothelial growth factor on aggrecan and type II collagen expression in rat articular chondrocytes. <b>2012</b> , 32, 3359-64	16
254	Increased type II collagen cleavage by cathepsin K and collagenase activities with aging and osteoarthritis in human articular cartilage. <b>2012</b> , 14, R113	57
253	Equine osteoarthritis. <b>2012</b> , 2012, 28-30	3
252	A systems biology approach to synovial joint lubrication in health, injury, and disease. <b>2012</b> , 4, 15-37	146
251	Triterpene acids from rose hip powder inhibit self-antigen- and LPS-induced cytokine production and CD4+ T-cell proliferation in human mononuclear cell cultures. <b>2012</b> , 26, 1142-7	9
250	Structure/Function Link Between Cytokine Domains and Natural and Designed Lytic Peptides: Medical Promise. <b>2012</b> , 21-45	1
249	Is monocyte chemotactic protein 1 elevated in aseptic loosening of TKA? A pilot study. <b>2012</b> , 470, 1879-84	12
248	Association of TNF- $\beta$ and Fas gene promoter polymorphism with the risk of Kashin-Beck disease in Northwest Chinese population. <b>2012</b> , 31, 1051-7	12
247	Comparative therapeutic efficacy and safety of type-II collagen (UC-II), glucosamine and chondroitin in arthritic dogs: pain evaluation by ground force plate. <b>2012</b> , 96, 770-7	35
246	75-kd sirtuin 1 blocks tumor necrosis factor $\beta$ -mediated apoptosis in human osteoarthritic chondrocytes. <b>2012</b> , 64, 718-28	54
245	Bovine lactoferricin is anti-inflammatory and anti-catabolic in human articular cartilage and synovium. <b>2013</b> , 228, 447-56	29
244	The osteoarthritic niche and modulation of skeletal stem cell function for regenerative medicine. <b>2013</b> , 7, 589-608	2



243	MicroRNA-125b regulates the expression of aggrecanase-1 (ADAMTS-4) in human osteoarthritic chondrocytes. <b>2013</b> , 15, R28		84
242	Correlation between metabolic syndrome and knee osteoarthritis: data from the Korean National Health and Nutrition Examination Survey (KNHANES). <b>2013</b> , 13, 603		46
241	Mechanisms involved in suppression of ADAMTS4 expression in synoviocytes by high molecular weight hyaluronic acid. <b>2013</b> , 432, 580-5		30
240	Synovial fluid concentrations and relative potency of interleukin-1 alpha and beta in cartilage and meniscus degradation. <b>2013</b> , 31, 1039-45		90
239	Overexpression of microRNA-223 in rheumatoid arthritis synovium controls osteoclast differentiation. <i>Modern Rheumatology</i> , <b>2013</b> , 23, 674-685	3-3	91
238	Transport and binding of tumor necrosis factor- $\alpha$ in articular cartilage depend on its quaternary structure. <b>2013</b> , 540, 1-8		5
237	Effects of hypoxia/ischemia on catabolic mediators of cartilage in a human chondrocyte, SW1353. <b>2013</b> , 431, 478-83		14
236	The pathophysiology of osteoarthritis. <b>2013</b> , 7, 132-138		24
235	MicroRNA-558 regulates the expression of cyclooxygenase-2 and IL-1 $\beta$ induced catabolic effects in human articular chondrocytes. <i>Osteoarthritis and Cartilage</i> , <b>2013</b> , 21, 981-9	6.2	66
234	New findings in osteoarthritis pathogenesis: therapeutic implications. <b>2013</b> , 4, 23-43		52
233	Genetic and cellular evidence of decreased inflammation associated with reduced incidence of posttraumatic arthritis in MRL/MpJ mice. <b>2013</b> , 65, 660-70		80
232	Delineating the synovial fluid proteome: recent advancements and ongoing challenges in biomarker research. <b>2013</b> , 50, 51-63		18
231	Matrix-embedded cytokines to simulate osteoarthritis-like cartilage microenvironments. <b>2013</b> , 19, 1733-53		26
230	Proteases in Health and Disease. <b>2013</b> ,		1
229	Fluid shear stress-induced osteoarthritis: roles of cyclooxygenase-2 and its metabolic products in inducing the expression of proinflammatory cytokines and matrix metalloproteinases. <b>2013</b> , 27, 4664-77		48
228	Serum cartilage oligomeric matrix protein (COMP) in knee osteoarthritis: a novel diagnostic and prognostic biomarker. <b>2013</b> , 31, 999-1006		98
227	Bovine lactoferricin-induced anti-inflammation is, in part, via up-regulation of interleukin-11 by secondary activation of STAT3 in human articular cartilage. <b>2013</b> , 288, 31655-69		13
226	Carprofen inhibits the release of matrix metalloproteinases 1, 3, and 13 in the secretome of an explant model of articular cartilage stimulated with interleukin 1 $\alpha$ . <b>2013</b> , 15, R223		26

225	To evaluate the effect of combining photo-activation therapy with platelet-rich plasma injections for the novel treatment of osteoarthritis. <b>2013</b> , 2013,	9
224	Protective effects of biochanin A on articular cartilage: in vitro and in vivo studies. <b>2014</b> , 14, 444	20
223	Development and retranslational validation of an in vitro model to characterize acute infections in large human joints. <b>2014</b> , 2014, 848604	3
222	Preliminary study on pain reduction of monosodium iodoacetate-induced knee osteoarthritis in rats by carbon dioxide laser moxibustion. <b>2014</b> , 2014, 754304	9
221	Signaling pathways in cartilage repair. <b>2014</b> , 15, 8667-98	92
220	Salutary effects of melatonin combined with treadmill exercise on cartilage damage. <b>2014</b> , 57, 53-66	26
219	Berberine ameliorates cartilage degeneration in interleukin-1 $\beta$ -stimulated rat chondrocytes and in a rat model of osteoarthritis via Akt signalling. <b>2014</b> , 18, 283-92	66
218	Targeting pro-inflammatory cytokines following joint injury: acute intra-articular inhibition of interleukin-1 following knee injury prevents post-traumatic arthritis. <b>2014</b> , 16, R134	115
217	Bornyl acetate has an anti-inflammatory effect in human chondrocytes via induction of IL-11. <b>2014</b> , 66, 854-9	20
216	Do gene expression changes in articular cartilage proteases of the synovial membrane correlate with expression changes of the same genes in systemic blood cells?. <b>2014</b> , 38, 649-54	3
215	Anti-inflammatory strategies in cartilage repair. <b>2014</b> , 20, 655-68	40
214	Intra-articular administration of gelatin hydrogels incorporating rapamycin-micelles reduces the development of experimental osteoarthritis in a murine model. <b>2014</b> , 35, 9904-9911	54
213	Cytokines in healthy temporomandibular joint synovial fluid. <b>2014</b> , 41, 250-6	20
212	Osteoarthritic cartilage explants affect extracellular matrix production and composition in cocultured bone marrow-derived mesenchymal stem cells and articular chondrocytes. <b>2014</b> , 5, 77	23
211	Increased levels of IL-6, IL-1 $\beta$ and TNF- $\alpha$ in Kashin-Beck disease and rats induced by T-2 toxin and selenium deficiency. <b>2014</b> , 34, 995-1004	41
210	Low-level laser therapy prevents degenerative morphological changes in an experimental model of anterior cruciate ligament transection in rats. <b>2014</b> , 29, 1669-78	21
209	Disordered glycometabolism involved in pathogenesis of Kashin-Beck disease, an endemic osteoarthritis in China. <b>2014</b> , 326, 240-50	10
208	Effect of microRNA-145 on IL-1 $\beta$ -induced cartilage degradation in human chondrocytes. <b>2014</b> , 588, 2344-52	76

207	Induction of heme oxygenase-1 expression protects articular chondrocytes against cilostazol-induced cellular senescence. <i>International Journal of Molecular Medicine</i> , <b>2014</b> , 34, 1335-40	4.4	7
206	Application of Gold Nanoparticles of Different Concentrations to Improve the Therapeutic Potential of Autologous Conditioned Serum: Potential Implications for Equine Regenerative Medicine. <b>2015</b> , 2015, 1-9		6
205	Study of osteoarthritis treatment with anti-inflammatory drugs: cyclooxygenase-2 inhibitor and steroids. <b>2015</b> , 2015, 595273		44
204	Epigenetics and Osteoarthritis. <b>2015</b> , 2, 69-75		41
203	Gene expression of cultured human chondrocytes as a model for assessing neutralization efficacy of soluble TNF $\alpha$ by TNF $\alpha$ antagonists. <b>2015</b> , 43, 171-80		4
202	Pathogenesis of Osteoarthritis. <b>2015</b> , 1-28		5
201	Adipose derived mesenchymal stem cell therapy in the treatment of isolated knee chondral lesions: design of a randomised controlled pilot study comparing arthroscopic microfracture versus arthroscopic microfracture combined with postoperative mesenchymal stem cell injections. <b>2015</b> , 5, e009332		40
200	Lactoferrin Inhibits IL-1 $\beta$ -Induced Chondrocyte Apoptosis Through AKT1-Induced CREB1 Activation. <b>2015</b> , 36, 2456-65		29
199	The chemokine receptor CCR5 plays a role in post-traumatic cartilage loss in mice, but does not affect synovium and bone. <i>Osteoarthritis and Cartilage</i> , <b>2015</b> , 23, 454-61	6.2	35
198	A clinically realistic large animal model of intra-articular fracture that progresses to post-traumatic osteoarthritis. <i>Osteoarthritis and Cartilage</i> , <b>2015</b> , 23, 1797-805	6.2	25
197	Serum concentrations of canine interleukin-1 receptor antagonist protein in healthy dogs after incubation using an autologous serum processing system. <b>2015</b> , 101, 28-33		7
196	Serum and synovial fluid C-reactive protein level variations in dogs with degenerative joint disease and their relationships with physiological parameters. <b>2015</b> , 39, 163-9		5
195	CD44 knock-down in bovine and human chondrocytes results in release of bound HYAL2. <b>2015</b> , 48, 42-54		14
194	Epigenetic mechanisms underlying the aberrant catabolic and anabolic activities of osteoarthritic chondrocytes. <b>2015</b> , 67, 101-9		19
193	Does intra-articular fracture change the lubricant content of synovial fluid?. <b>2015</b> , 10, 89		2
192	Impact of Supplementation with Curcuminoids on Systemic Inflammation in Patients with Knee Osteoarthritis: Findings from a Randomized Double-Blind Placebo-Controlled Trial. <b>2015</b> , 65, 521-5		50
191	Inflammatory response of cultured rat synoviocytes challenged with synovial fluid from osteoarthritis patients correlates with their radiographic grading: a pilot study. <b>2015</b> , 51, 843-50		2
190	Characterization of degenerative human facet joints and facet joint capsular tissues. <i>Osteoarthritis and Cartilage</i> , <b>2015</b> , 23, 2242-2251	6.2	34

189	Intra-articular transplantation of atsttrin-transduced mesenchymal stem cells ameliorate osteoarthritis development. <b>2015</b> , 4, 523-31		36
188	Osteoarthritis-related biomarkers following anterior cruciate ligament injury and reconstruction: a systematic review. <i>Osteoarthritis and Cartilage</i> , <b>2015</b> , 23, 1-12	6.2	76
187	Intra-articular (IA) ropivacaine microparticle suspensions reduce pain, inflammation, cytokine, and substance p levels significantly more than oral or IA celecoxib in a rat model of arthritis. <b>2015</b> , 38, 40-60		6
186	Morphogen and proinflammatory cytokine release kinetics from PRGF-Endoret fibrin scaffolds: evaluation of the effect of leukocyte inclusion. <b>2015</b> , 103, 1011-20		74
185	Links between osteoarthritis and diabetes: implications for management from a physical activity perspective. <b>2015</b> , 31, 67-87, viii		45
184	Omega 3-fatty acids, atorvastatin as modulators for inflammatory pattern versus diclofenac in osteoarthritis induced in experimental rats. <b>2016</b> , 10, 472-479		1
183	A New Application of Parallel Synthesis Strategy for Discovery of Amide-Linked Small Molecules as Potent Chondroprotective Agents in TNF- $\alpha$ Stimulated Chondrocytes. <b>2016</b> , 11, e0149317		5
182	Blockade of hypoxia-induced CXCR4 with AMD3100 inhibits production of OA-associated catabolic mediators IL-1 $\beta$ and MMP-13. <b>2016</b> , 14, 1475-82		16
181	The synovial microenvironment of osteoarthritic joints alters RNA-seq expression profiles of human primary articular chondrocytes. <b>2016</b> , 591, 456-64		14
180	Blocking of the P2X7 receptor inhibits the activation of the MMP-13 and NF- $\kappa$ B pathways in the cartilage tissue of rats with osteoarthritis. <i>International Journal of Molecular Medicine</i> , <b>2016</b> , 38, 1922-1932	4.4	28
179	Mesenchymal stem cell therapy in the treatment of osteoarthritis: reparative pathways, safety and efficacy - a review. <b>2016</b> , 17, 230		166
178	[Degenerative DNA alterations in osteoarthritis]. <b>2016</b> , 37, 223-228		
177	The danger from within: alarmins in arthritis. <b>2016</b> , 12, 669-683		83
176	Stem Cells in Veterinary Medicine: A Conceptual Approach. <b>2016</b> , 257-274		
175	Inhibition of microRNA-449a prevents IL-1 $\beta$ induced cartilage destruction via SIRT1. <i>Osteoarthritis and Cartilage</i> , <b>2016</b> , 24, 2153-2161	6.2	28
174	Effects of platycodin D on IL-1 $\beta$ induced inflammatory response in human osteoarthritis chondrocytes. <b>2016</b> , 40, 474-479		8
173	A role for interleukins in ochronosis in a chondrocyte in vitro model of alkaptonuria. <b>2016</b> , 35, 1849-56		9
172	White blood cell concentration correlates with increased concentrations of IL-1ra and improvement in WOMAC pain scores in an open-label safety study of autologous protein solution. <b>2016</b> , 3, 9		20

171	Secretome analysis of human articular chondrocytes unravels catabolic effects of nicotine on the joint. <b>2016</b> , 10, 671-80		22
170	Chondro-protective effects of low intensity pulsed ultrasound. <i>Osteoarthritis and Cartilage</i> , <b>2016</b> , 24, 1989-1998	6.2	34
169	MicroRNA-320 regulates matrix metalloproteinase-13 expression in chondrogenesis and interleukin-1β-induced chondrocyte responses. <i>Osteoarthritis and Cartilage</i> , <b>2016</b> , 24, 932-41	6.2	96
168	Syndecan-4 in intervertebral disc and cartilage: Saint or synner?. <b>2016</b> , 52-54, 355-362		25
167	Mathematical modelling of cytokines, MMPs and fibronectin fragments in osteoarthritic cartilage. <b>2017</b> , 75, 985-1024		7
166	Platelet-activated serum might have a therapeutic effect on damaged articular cartilage. <b>2017</b> , 11, 3305-3312		7
165	Peroxiredoxin 4 inhibits IL-1β-induced chondrocyte apoptosis via PI3K/AKT signaling. <i>Biomedicine and Pharmacotherapy</i> , <b>2017</b> , 90, 414-420	7.5	42
164	A short report on the effect of decreased incubation time on the architectural profile of autologous conditioned serum (ACS). <b>2017</b> , 94, 52-54		5
163	Protective effects of Nebivolol against interleukin-1β-induced type II collagen destruction mediated by matrix metalloproteinase-13 (MMP-13). <b>2017</b> , 22, 767-774		12
162	Mechanisms of nerve growth factor signaling in bone nociceptors and in an animal model of inflammatory bone pain. <b>2017</b> , 13, 1744806917697011		43
161	Knockdown of TREM-1 suppresses IL-1β-induced chondrocyte injury via inhibiting the NF-κB pathway. <b>2017</b> , 482, 1240-1245		24
160	The effect of probiotic <i>Lactobacillus casei</i> Shirota on knee osteoarthritis: a randomised double-blind, placebo-controlled clinical trial. <b>2017</b> , 8, 697-703		54
159	Endoplasmic reticulum stress participates in the progress of senescence and apoptosis of osteoarthritis chondrocytes. <b>2017</b> , 491, 368-373		25
158	Hoffa's Fat Pad Abnormality in the Development of Knee Osteoarthritis. <b>2018</b> , 1039, 95-102		7
157	MicroRNA-92a-3p Regulates Aggrecanase-1 and Aggrecanase-2 Expression in Chondrogenesis and IL-1β-Induced Catabolism in Human Articular Chondrocytes. <b>2017</b> , 44, 38-52		32
156	Cryptotanshinone protects against IL-1β-induced inflammation in human osteoarthritis chondrocytes and ameliorates the progression of osteoarthritis in mice. <b>2017</b> , 50, 161-167		37
155	Location and gene-specific effects of methylprednisolone acetate on mitigating IL1β-induced inflammation in mature ovine explant knee tissue. <b>2017</b> , 66, 239-248		2
154	Suppression of Cartilage Degradation by Zingerone Involving the p38 and JNK MAPK Signaling Pathway. <b>2017</b> , 83, 268-276		18

153	Effect of autologous adipose-derived mesenchymal stem cell therapy in the treatment of a post-traumatic chondral defect of the knee. <b>2017</b> , 2017,	15
152	6.7 Synovial Joints: Mechanobiology and Tissue Engineering of Articular Cartilage and Synovial Fluid ?. <b>2017</b> , 107-134	
151	Icariin Regulates Cellular Functions and Gene Expression of Osteoarthritis Patient-Derived Human Fibroblast-Like Synoviocytes. <b>2017</b> , 18,	19
150	Curcumin: A Review of Its Effects on Human Health. <b>2017</b> , 6,	810
149	Suppressive Effect of the n-Hexane Extract of Fruit Flesh on Monosodium-Iodoacetate-Induced Osteoarthritis in Rats. <b>2017</b> , 2017, 1791403	5
148	Paracrine Potential of the Human Adipose Tissue-Derived Stem Cells to Modulate Balance between Matrix Metalloproteinases and Their Inhibitors in the Osteoarthritic Cartilage In Vitro. <b>2017</b> , 2017, 9542702	8
147	Vitamin C Protects Chondrocytes against Monosodium Iodoacetate-Induced Osteoarthritis by Multiple Pathways. <b>2016</b> , 18,	24
146	Role of MicroRNA in Osteoarthritis. <b>2017</b> , 6,	33
145	Bone marrow concentrate and platelet-rich plasma differ in cell distribution and interleukin 1 receptor antagonist protein concentration. <b>2018</b> , 26, 333-342	122
144	miR-143-3p regulates cell proliferation and apoptosis by targeting IGF1R and IGFBP5 and regulating the Ras/p38 MAPK signaling pathway in rheumatoid arthritis. <b>2018</b> , 15, 3781-3790	26
143	Current Concepts in Medical Research and Practice. <b>2018</b> ,	
142	A Placebo-Controlled Double-Blind Study Demonstrates the Clinical Efficacy of a Novel Herbal Formulation for Relieving Joint Discomfort in Human Subjects with Osteoarthritis of Knee. <b>2018</b> , 21, 511-520	17
141	GDNF, Neurturin, and Artemin Activate and Sensitize Bone Afferent Neurons and Contribute to Inflammatory Bone Pain. <b>2018</b> , 38, 4899-4911	34
140	Testing the potency of anti-TNF- $\alpha$ and anti-IL-1 $\beta$ drugs using spheroid cultures of human osteoarthritic chondrocytes and donor-matched chondrogenically differentiated mesenchymal stem cells. <b>2018</b> , 34, 1045-1058	7
139	Intra-articular TSG-6 delivery from heparin-based microparticles reduces cartilage damage in a rat model of osteoarthritis. <b>2018</b> , 6, 1159-1167	24
138	Hyperintense signal alteration in the suprapatellar fat pad on MRI is associated with degeneration of the patellofemoral joint over 48 months: data from the Osteoarthritis Initiative. <b>2018</b> , 47, 329-339	17
137	Glucosamine oral administration as an adjunct to hyaluronic acid injection in treating temporomandibular joint osteoarthritis. <b>2018</b> , 24, 404-411	7
136	PKR activation causes inflammation and MMP-13 secretion in human degenerated articular chondrocytes. <b>2018</b> , 14, 72-81	31

135	Cue-Signal-Response Analysis in 3D Chondrocyte Scaffolds with Anabolic Stimuli. <b>2018</b> , 46, 345-353	6
134	Tormentric acid inhibits IL-1 $\beta$ -induced chondrocyte apoptosis by activating the PI3K/Akt signaling pathway. <b>2018</b> , 17, 4753-4758	9
133	The roles of prostaglandin F in regulating the expression of matrix metalloproteinase-12 via an insulin growth factor-2-dependent mechanism in sheared chondrocytes. <b>2018</b> , 3, 27	9
132	Potential Role of Rebamipide in Osteoclast Differentiation and Mandibular Condylar Cartilage Homeostasis. <b>2018</b> , 14, 62-69	6
131	Benzoxime inhibits matrix metalloproteinase-13 activation and cartilage damage in osteoarthritis rats via inhibition of NF- $\kappa$ B pathway. <b>2018</b> , 17, 435	
130	Chondrocyte and mesenchymal stem cell derived engineered cartilage exhibits differential sensitivity to pro-inflammatory cytokines. <b>2018</b> , 36, 2901-2910	15
129	WITHDRAWN: PCL/EUG scaffolds with tunable stiffness can regulate macrophage secretion behavior. <b>2018</b> ,	0
128	Interplay of Inflammatory Mediators with Epigenetics and Cartilage Modifications in Osteoarthritis. <b>2018</b> , 6, 22	34
127	Time-dependent changes in gene expression induced in vitro by interleukin-1 $\beta$ in equine articular cartilage. <b>2018</b> , 118, 466-476	10
126	Effects of salmon DNA fraction and in a monosodium iodoacetate-induced osteoarthritis rat model. <b>2018</b> , 22, 163-172	5
125	Controlled Non-Viral Gene Delivery in Cartilage and Bone Repair: Current Strategies and Future Directions. <b>2018</b> , 1, 1800038	11
124	Multi-tissue network analysis for drug prioritization in knee osteoarthritis. <b>2019</b> , 9, 15176	8
123	Acteoside inhibits inflammatory response via JAK/STAT signaling pathway in osteoarthritic rats. <b>2019</b> , 19, 264	21
122	Extracellular matrix turnover and inflammation in chemically-induced TMJ arthritis mouse models. <b>2019</b> , 14, e0223244	7
121	An ex vivo tissue model of cartilage degradation suggests that cartilage state can be determined from secreted key protein patterns. <b>2019</b> , 14, e0224231	6
120	PKR Promotes Oxidative Stress and Apoptosis of Human Articular Chondrocytes by Causing Mitochondrial Dysfunction through p38 MAPK Activation-PKR Activation Causes Apoptosis in Human Chondrocytes. <i>Antioxidants</i> , <b>2019</b> , 8,	7.1 10
119	A Randomized Controlled Single-Blind Study Demonstrating Superiority of Amniotic Suspension Allograft Injection Over Hyaluronic Acid and Saline Control for Modification of Knee Osteoarthritis Symptoms. <b>2019</b> , 32, 1143-1154	17
118	The Importance of Physioxia in Mesenchymal Stem Cell Chondrogenesis and the Mechanisms Controlling Its Response. <b>2019</b> , 20,	32



117	Semaphorin 4A acts in a feed-forward loop with NF- $\kappa$ B pathway to exacerbate catabolic effect of IL-1 $\beta$ in chondrocytes. <b>2019</b> , 69, 88-94		5
116	Molecular modelling studies of quinazolinone derivatives as MMP-13 inhibitors by QSAR, molecular docking and molecular dynamics simulations techniques. <b>2019</b> , 10, 101-115		9
115	PCL/EUG scaffolds with tunable stiffness can regulate macrophage secretion behavior. <b>2019</b> , 148, 4-11		14
114	In vitro chondroprotective potential of Senna alata and Senna tora in porcine cartilage explants and their species differentiation by DNA barcoding-high resolution melting (Bar-HRM) analysis. <b>2019</b> , 14, e0215664		6
113	Endothelial proteolytic activity and interaction with non-resorbing osteoclasts mediate bone elongation. <b>2019</b> , 21, 430-441		59
112	Adipose-derived mesenchymal stem cell therapy in the treatment of knee osteoarthritis: a randomized controlled trial. <i>Regenerative Medicine</i> , <b>2019</b> , 14, 213-230	2.5	130
111	Curcuma longa, the Polyphenolic Curcumin Compound and Pharmacological Effects on Liver. <b>2019</b> , 125-134		7
110	MicroRNA-671-3p regulates the development of knee osteoarthritis by targeting TRAF3 in chondrocytes. <b>2019</b> , 20, 2843-2850		4
109	Anti-Inflammatory and Anticancer Properties of Bioactive Compounds from L-A Review. <b>2019</b> , 24,		36
108	Identification of Chondrocyte Genes and Signaling Pathways in Response to Acute Joint Inflammation. <b>2019</b> , 9, 93		20
107	Functional and T Cell Receptor Repertoire Analyses of Peripheral Blood and Infrapatellar Fat Pad T Cells in Knee Osteoarthritis. <b>2019</b> , 46, 309-317		4
106	Sequestration of artemin reduces inflammation-induced activation and sensitization of bone marrow nociceptors in a rodent model of carrageenan-induced inflammatory bone pain. <b>2019</b> , 23, 397-409		12
105	Salidroside attenuates interleukin-1 $\beta$ -induced inflammation in human osteoarthritis chondrocytes. <b>2018</b> , 120, 1203		13
104	Joint problems arising from lack of repair mechanisms: can cannabinoids help?. <b>2019</b> , 176, 1412-1420		6
103	Mesenchymal stem cell therapy combined with arthroscopic abrasion arthroplasty regenerates cartilage in patients with severe knee osteoarthritis: a case series. <i>Regenerative Medicine</i> , <b>2020</b> , 15, 1957-1977 <sup>1</sup>	2.5	1
102	Anti-Inflammatory Effects of Fermented Bark of and Its Isolated Compounds on Lipopolysaccharide-Treated RAW 264.7 Macrophage Cells. <b>2020</b> , 2020, 6749425		5
101	Molecular Targets of Natural Products for Chondroprotection in Destructive Joint Diseases. <b>2020</b> , 21,		6
100	Joint hemorrhage accelerates cartilage degeneration in a rat immobilized knee model. <b>2020</b> , 21, 761		3



99	Evaluation of autologous adipose-derived mesenchymal stem cell therapy in focal chondral defects of the knee: a pilot case series. <i>Regenerative Medicine</i> , <b>2020</b> , 15, 1703-1717	2.5	3
98	Assessment of pain and structure after an intra-articular injection of adalimumab in osteoarthritis of the knee: A case report. <b>2020</b> , 99, e21131		0
97	Exercise as an Adjuvant to Cartilage Regeneration Therapy. <b>2020</b> , 21,		6
96	Nanoliposomes from Agro-Resources as Promising Delivery Systems for Chondrocytes. <b>2020</b> , 21,		5
95	A Novel Multiplex Based Platform for Osteoarthritis Drug Candidate Evaluation. <b>2020</b> , 48, 2438-2448		1
94	Serum Inflammatory Markers in Patients With Knee Osteoarthritis: A Proteomic Approach. <b>2020</b> , 36, 229-237		6
93	Characteristics of autologous protein solution and leucocyte-poor platelet-rich plasma for the treatment of osteoarthritis of the knee. <b>2020</b> , 10, 10572		9
92	Bone marrow mesenchymal stem cell-derived exosomes protect cartilage damage and relieve knee osteoarthritis pain in a rat model of osteoarthritis. <b>2020</b> , 11, 276		63
91	The Inhibitory Effects of Slow-Releasing Hydrogen Sulfide Donors in the Mechanical Allodynia, Grip Strength Deficits, and Depressive-Like Behaviors Associated with Chronic Osteoarthritis Pain. <i>Antioxidants</i> , <b>2019</b> , 9,	7.1	13
90	Engineering functional tissues: in vitro culture parameters. <b>2020</b> , 157-177		1
89	Noggin Inhibits IL-1 $\beta$ and BMP-2 Expression, and Attenuates Cartilage Degeneration and Subchondral Bone Destruction in Experimental Osteoarthritis. <b>2020</b> , 9,		23
88	Pathophysiological landscape of osteoarthritis. <b>2021</b> , 100, 37-90		15
87	Nanotechnology and osteoarthritis; part 1: Clinical landscape and opportunities for advanced diagnostics. <b>2021</b> , 39, 465-472		6
86	Osteoarthritis: Prognosis and emerging therapeutic approach for disease management. <b>2021</b> , 82, 49-58		3
85	Circ0083429 Regulates Osteoarthritis Progression via the Mir-346/ Axis. <i>Frontiers in Cell and Developmental Biology</i> , <b>2020</b> , 8, 579945	5.7	4
84	Interrelationship of MMP-9, Proteoglycan-4, and Inflammation in Osteoarthritis Patients Undergoing Total Hip Arthroplasty. <b>2021</b> , 27, 1076029621995569		0
83	Evaluation of osteochondral-like tissues using human freeze-dried cancellous bone and chondrocyte sheets to treat osteochondral defects in rabbits. <b>2021</b> , 9, 4701-4716		2
82	Clinical use of curcumin. <b>2021</b> , 425-434		

81	Review on experimental study and clinical application of low-intensity pulsed ultrasound in inflammation. <b>2021</b> , 11, 443-462		6
80	Macrophage migration inhibitory factor may play a protective role in osteoarthritis. <b>2021</b> , 23, 59		5
79	Fatty acid sensing GPCR (GPR84) signaling safeguards cartilage homeostasis and protects against osteoarthritis. <b>2021</b> , 164, 105406		10
78	Pharmacological Targeting of Heme Oxygenase-1 in Osteoarthritis. <i>Antioxidants</i> , <b>2021</b> , 10,	7.1	5
77	Development of Injectable Polydactyly-Derived Chondrocyte Sheets. <b>2021</b> , 22,		1
76	Safety and Efficacy of an Amniotic Suspension Allograft Injection Over 12 Months in a Single-Blinded, Randomized Controlled Trial for Symptomatic Osteoarthritis of the Knee. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , <b>2021</b> , 37, 2246-2257	5.4	5
75	Preventive Effect of Saussurea lappa Extract on Osteoarthritis in Mice Model through Inhibition of NF- $\kappa$ B Pathway. <b>2021</b> , 496, 56-61		0
74	Behandlung der Gonarthrose mit autologer adipogener stromal-vaskulärer Fraktion. <b>2021</b> , 3, 133-141		
73	Text Mining-Based Drug Discovery in Osteoarthritis. <b>2021</b> , 2021, 6674744		2
72	Cardamonin Attenuates Inflammation and Oxidative Stress in Interleukin-1 $\beta$ Stimulated Osteoarthritis Chondrocyte through the Nrf2 Pathway. <i>Antioxidants</i> , <b>2021</b> , 10,	7.1	2
71	Extracellular Vesicles in chondrogenesis and Cartilage regeneration. <b>2021</b> , 25, 4883-4892		6
70	Low-intensity pulsed ultrasound promotes osteoarthritic cartilage regeneration by BMSC-derived exosomes via modulating the NF- $\kappa$ B signaling pathway. <b>2021</b> , 97, 107824		11
69	Characterization of wild-type and STAT3 signaling-suppressed mesenchymal stem cells obtained from hemovac blood concentrates. <b>2021</b> , 9, 1284		
68	Senescent Tissue-Resident Mesenchymal Stromal Cells Are an Internal Source of Inflammation in Human Osteoarthritic Cartilage. <i>Frontiers in Cell and Developmental Biology</i> , <b>2021</b> , 9, 725071	5.7	3
67	Preventative treatment of red light-emitting diode protected osteoarthritis-like chondrocytes from oxidative stress-induced inflammation and promoted matrix gene expression. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , <b>2021</b> , 127, 23-31	5.3	1
66	Lipoaspirate processing for the treatment of knee osteoarthritis: a review of clinical evidences. <i>Biomedicine and Pharmacotherapy</i> , <b>2021</b> , 142, 111997	7.5	1
65	Regulatory roles of tRNA-derived RNA fragments in human pathophysiology. <i>Molecular Therapy - Nucleic Acids</i> , <b>2021</b> , 26, 161-173	10.7	5
64	Overexpression of microRNA-223 in rheumatoid arthritis synovium controls osteoclast differentiation. <i>Modern Rheumatology</i> , <b>2013</b> , 23, 674-85	3.3	51

63	trRNA-derived fragments (tRFs) regulate post-transcriptional gene expression via AGO-dependent mechanism in IL-1 $\beta$ -stimulated chondrocytes. <i>Osteoarthritis and Cartilage</i> , <b>2020</b> , 28, 1102-1110	6.2	23
62	CHAPTER 1:Introduction to Cartilage. <i>New Developments in NMR</i> , 1-43	0.9	3
61	Long-term Effect of Injection Treatment for Osteoarthritis in the Knee by Orthokin Autologous Conditioned Serum. <i>Cartilage</i> , <b>2018</b> , 9, 140-145	3	13
60	Kaempferol Alleviates the Interleukin-1 $\beta$ -induced Inflammation in Rat Osteoarthritis Chondrocytes via Suppression of NF- $\kappa$ B. <i>Medical Science Monitor</i> , <b>2017</b> , 23, 3925-3931	3.2	56
59	Osteoarthritis is Prevented in Rats by Verbascoside via Nuclear Factor kappa B (NF- $\kappa$ B) Pathway Downregulation. <i>Medical Science Monitor</i> , <b>2020</b> , 26, e921276	3.2	6
58	S-allyl cysteine reduces osteoarthritis pathology in the tert-butyl hydroperoxide-treated chondrocytes and the destabilization of the medial meniscus model mice via the Nrf2 signaling pathway. <i>Aging</i> , <b>2020</b> , 12, 19254-19272	5.6	6
57	Sesamin inhibits IL-1 $\beta$ -stimulated inflammatory response in human osteoarthritis chondrocytes by activating Nrf2 signaling pathway. <i>Oncotarget</i> , <b>2016</b> , 7, 83720-83726	3.3	43
56	Saikosaponin A inhibits IL-1 $\beta$ -induced inflammatory mediators in human osteoarthritis chondrocytes by activating LXR $\beta$ . <i>Oncotarget</i> , <b>2017</b> , 8, 88941-88950	3.3	5
55	Stimulation of BMP-2 expression by pro-inflammatory cytokines IL-1 and TNF-alpha in normal and osteoarthritic chondrocytes. <i>Journal of Bone and Joint Surgery - Series A</i> , <b>2003</b> , 85-A Suppl 3, 59-66	5.6	168
54	The Role of miRNAs in Cartilage Homeostasis. <i>Current Genomics</i> , <b>2015</b> , 16, 393-404	2.6	15
53	NF-kappaB signaling: multiple angles to target OA. <i>Current Drug Targets</i> , <b>2010</b> , 11, 599-613	3	407
52	Cartilage Injury and Repair. <b>2003</b> , 9-15		
51	The Efficacy and Safety of Beef Tallow Extract Including Cis-9-cetylmyristoleate in Patients with Osteoarthritis - As an Adjuvant Pharmacological Treatment -. <i>Preventive Nutrition and Food Science</i> , <b>2005</b> , 10, 285-289	2.4	
50	The Effect of Synovial Fluid from Injured Knee Joints on in vitro Chondrogenesis. <i>Tissue Engineering</i> , <b>2006</b> , 060928130622003		
49	Zytokinantagonisten in der Behandlung der Gonarthrose. <b>2007</b> , 15-24		
48	Gene Expression Profile of Synovial Cells in Experimental Post-Traumatic Arthritis of Knee in Swine. <i>Biotechnology</i> , <b>2008</b> , 8, 70-77	0.1	1
47	Involvement of the Cytoskeletal Elements in Articular Cartilage Mechanotransduction. <b>2010</b> , 77-106		
46	Hexosamine Flux and the Efficacy and Safety of Glucosamine in the Treatment of Osteoarthritis. <b>2011</b> , 261-282		

45	Osteoarthritis. 293-329		
44	Escalated Expression of Matrix Metalloproteinases in Osteoarthritis. <b>2013</b> , 313-325		
43	Post-traumatic Arthritis: An Update. <i>The Duke Orthopaedic Journal</i> , <b>2013</b> , 3, 32-35		
42	Orthokine. <b>2017</b> , 561-569		2
41	Injectable, Biologics, and Stem Cells. <b>2018</b> , 59-74		
40	An ex vivo tissue model of cartilage degradation suggests that cartilage state can be determined from secreted key protein patterns.		
39	Multi-tissue network analysis for drug prioritization in knee osteoarthritis.		
38	Evaluation of the autologous conditioned serum in the treatment of osteoarthritis. <i>Archives of Clinical and Experimental Medicine</i> ,	0.1	
37	NF- $\kappa$ B Phosphorylation Inhibition Prevents Articular Cartilage Degradation in Osteoarthritis Rats via 2-Aminoquinoline. <i>Medical Science Monitor</i> , <b>2020</b> , 26, e920346	3.2	0
36	ROLE OF PROINFLAMMATORY CYTOKINES IN PATHOGENESIS OF ARTHROPATHIES IN PATIENTS WITH DIABETES MELLITUS. <i>Wiadomości Lekarskie</i> , <b>2020</b> , 73, 2476-2481	0.3	
35	Promotion of G1/S Transition and Inhibition of Inflammatory Cytokine Production by Hydroxypyridinone-Coumarin in Osteoarthritis Rats. <i>Medical Science Monitor</i> , <b>2020</b> , 26, e920784	3.2	
34	Nitrodi thermal water downregulates protein S-nitrosylation in RKO cells. <i>International Journal of Molecular Medicine</i> , <b>2020</b> , 46, 1359-1366	4.4	
33	Shikonin protects chondrocytes from interleukin-1 $\beta$ -induced apoptosis by regulating PI3K/Akt signaling pathway. <i>International Journal of Clinical and Experimental Pathology</i> , <b>2015</b> , 8, 298-308	1.4	23
32	Hyperbaric oxygen protects mandibular condylar chondrocytes from interleukin-1 $\beta$ -induced apoptosis via the PI3K/AKT signaling pathway. <i>American Journal of Translational Research (discontinued)</i> , <b>2016</b> , 8, 5108-5117	3	11
31	The role of indoleamine 2,3 dioxygenase 1 in the osteoarthritis. <i>American Journal of Translational Research (discontinued)</i> , <b>2020</b> , 12, 2322-2343	3	1
30	Mesenchymal or Maintenance Stem Cell & Understanding Their Role in Osteoarthritis of the Knee Joint: A Review Article. <i>Archives of Bone and Joint Surgery</i> , <b>2020</b> , 8, 560-569	1.1	1
29	The Effects of Crocin on Bone and Cartilage Diseases.. <i>Frontiers in Pharmacology</i> , <b>2021</b> , 12, 830331	5.6	0
28	Augmented ERAD (ER-associated degradation) activity in chondrocytes is necessary for cartilage development and maintenance.. <i>Science Advances</i> , <b>2022</b> , 8, eabl4222	14.3	0

27	Autologous conditioned serum applications in the treatment of musculoskeletal diseases: a narrative review.. <i>Future Science OA</i> , <b>2022</b> , 8, FSO776	2.7	1
26	Infiltration of the Hoffa's fat pad with stromal vascular fraction in patients with osteoarthritis of the knee -Results after one year of follow-up-. <i>Bone Reports</i> , <b>2022</b> , 16, 101168	2.6	0
25	Chondroprotective Effects of 4,5-Dicaffeoylquinic Acid in Osteoarthritis through NF- $\kappa$ B Signaling Inhibition.. <i>Antioxidants</i> , <b>2022</b> , 11,	7.1	0
24	The Association Between Acupuncture Therapies and Reduced Fracture Risk in Patients with Osteoarthritis: A Nationwide Retrospective Matched Cohort Study.. <b>2022</b> ,		
23	Potential Defensive Involvement of Methyl Jasmonate in Oxidative Stress and Its Related Molecular Mechanisms.		
22	Optimization of the Duration of the Administration of Mesenchymal Stem Cells Wharton's Jelly to the Level of Matrix Metalloproteinase-1 and Transforming Growth Factor- $\beta$ in Osteoarthritis Rat Model. <i>Open Access Macedonian Journal of Medical Sciences</i> , <b>2022</b> , 10, 563-571	1	
21	Comparison of Curative Effect of Human Umbilical Cord-Derived Mesenchymal Stem Cells and Their Small Extracellular Vesicles in Treating Osteoarthritis.. <i>International Journal of Nanomedicine</i> , <b>2021</b> , 16, 8185-8202	7.3	3
20	Real-world evidence of mesenchymal stem cell therapy in knee osteoarthritis: a large prospective two-year case series.. <i>Regenerative Medicine</i> , <b>2022</b> ,	2.5	1
19	Bio-orthogonal Click Chemistry Methods to Evaluate the Metabolism of Inflammatory Challenged Cartilage after Traumatic Overloading.. <i>ACS Biomaterials Science and Engineering</i> , <b>2022</b> ,	5.5	0
18	Orthobiologics for the Management of Early Arthritis in the Middle-Aged Athlete.. <i>Sports Medicine and Arthroscopy Review</i> , <b>2022</b> , 30, e9-e16	2.5	
17	The importance of physical activity in diabetes. <b>2021</b> , 12, 125-138	0	
16	The effect of exercise on cytokine concentration in equine autologous conditioned serum.. <i>Equine Veterinary Journal</i> , <b>2022</b> ,	2.4	1
15	The articular cartilage: biomechanics and damage in diabetes-induced Charcot neuroarthropathy. <b>2022</b> , 261-285		
14	An Initial Injection and a Crossover Injection of Amniotic Suspension Allograft Following Failed Treatment with Hyaluronic Acid or Saline Are Equally Effective in the Treatment of Moderate Symptomatic Knee Osteoarthritis Over 12 Months. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , <b>2022</b> ,	5.4	0
13	Monitoring osteoarthritis: A simple mathematical model. <b>2022</b> , 100050		0
12	Interferon-gamma modulates articular chondrocyte and osteoblast metabolism through protein kinase R-independent and dependent mechanisms. <b>2022</b> , 32, 101323		0
11	Hop Extract Anti-Inflammatory Effect on Human Chondrocytes Is Potentiated When Encapsulated in Rapeseed Lecithin Nanoliposomes. <b>2022</b> , 23, 12423		0
10	Anti-Inflammatory and Chondro-Protective Effects of Acidic Polysaccharide from <i>Enteromorpha Prolifera</i> in Experimental Models of Osteoarthritis In-Vitro and In-Vivo. 194760352211295		0

- 9 Biomarkers for Osteoarthritis Diseases. **2022**, 12, 1799 ○
- 8 Autologous Orthobiologics. **2022**, 70-88 ○
- 7 In vitro and in vivo anti-osteoarthritis effects of tradition Chinese prescription Ji-Ming-San. **2022**, 116084 ○
- 6 Inflammation-related pathways involved in damaged articular cartilage of rats exposed to T-2 toxin based on RNA-sequencing analysis. 13, ○
- 5 Double membrane platelet-rich fibrin (PRF) Synovium succeeds in regenerating cartilage defect at the knee: An experimental study on rabbit. **2023**, 9, e13139 1
- 4 Advanced therapeutics for targeting inflammatory arthritis. **2023**, 81-92 ○
- 3 Exosomal miR-93-5p regulated the progression of osteoarthritis by targeting ADAMTS9. **2023**, 18, ○
- 2 Role of Natural Flavonoid Products in Managing Osteoarthritis. ○
- 1 In Vitro Models and Proteomics in Osteoarthritis Research. **2023**, 57-68 ○