CITATION REPORT List of articles citing

Nitric oxide and inflammatory mediators in the perpetuation of osteoarthritis

DOI: 10.1007/s11926-001-0069-3 Current Rheumatology Reports, 2001, 3, 535-41.

Source: https://exaly.com/paper-pdf/32891820/citation-report.pdf

Version: 2024-04-25

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

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

#	Paper	IF	Citations
219	Effect of seabuckthorn on sodium nitroprusside-induced cytotoxicity in murine macrophages. 2002 , 56, 463-7		24
218	Glucosamine inhibits IL-1beta-induced NFkappaB activation in human osteoarthritic chondrocytes. 2003 , 11, 290-8		298
217	Expression of heme oxygenase-1 and regulation by cytokines in human osteoarthritic chondrocytes. 2003 , 66, 2049-52		50
216	Protein kinase C alpha and zeta regulate nitric oxide-induced NF-kappa B activation that mediates cyclooxygenase-2 expression and apoptosis but not dedifferentiation in articular chondrocytes. 2003 , 303, 206-11		42
215	Intra-articular hyaluronan (hyaluronic acid) and hylans for the treatment of osteoarthritis: mechanisms of action. 2003 , 5, 54-67		369
214	Concomitant recruitment of ERK1/2 and p38 MAPK signalling pathway is required for activation of cytoplasmic phospholipase A2 via ATP in articular chondrocytes. 2003 , 278, 13680-7		70
213	Non-steroidal anti-inflammatory drugs inhibit nitric oxide-induced apoptosis and dedifferentiation of articular chondrocytes independent of cyclooxygenase activity. 2003 , 278, 15319-25		55
212	A case-control study of serum tocopherol levels and the alpha- to gamma-tocopherol ratio in radiographic knee osteoarthritis: the Johnston County Osteoarthritis Project. 2004 , 159, 968-77		39
211	Peroxynitrite mediates calcium-dependent mitochondrial dysfunction and cell death via activation of calpains. 2004 , 18, 1395-7		87
2 10	Osteoarthritis of the kneeclinical assessments and inflammatory markers. 2004 , 12, 469-75		51
209	Fibronectin fragments elevate nitric oxide (NO) and inducible NO synthetase (iNOS) levels in bovine cartilage and iNOS inhibitors block fibronectin fragment mediated damage and promote repair. 2004 , 53, 405-12		21
208	Proline-rich tyrosine kinase 2 and Src kinase signaling transduce monosodium urate crystal-induced nitric oxide production and matrix metalloproteinase 3 expression in chondrocytes. 2004 , 50, 247-58		63
207	Antiarthritic effect of bee venom: inhibition of inflammation mediator generation by suppression of NF-kappaB through interaction with the p50 subunit. 2004 , 50, 3504-15		204
206	Wnt-7a causes loss of differentiated phenotype and inhibits apoptosis of articular chondrocytes via different mechanisms. 2004 , 279, 26597-604		88
205	The role of cytokines in cartilage matrix degeneration in osteoarthritis. 2004 , S27-36		452
204	Signaling transduction: target in osteoarthritis. 2004 , 16, 616-22		102
203	The regulation of chondrocyte function by proinflammatory mediators: prostaglandins and nitric oxide. 2004 , S37-46		191

[2006-2004]

202	Distinct pathways regulate facilitated glucose transport in human articular chondrocytes during anabolic and catabolic responses. 2004 , 286, E980-5	33
201	Evaluation of coexpression of microsomal prostaglandin E synthase-1 and cyclooxygenase-2 in interleukin-1-stimulated equine articular chondrocytes. 2005 , 66, 1985-91	17
200	Lysophosphatidic acid stimulates cell proliferation in rat chondrocytes. 2005, 70, 1764-71	23
199	Glucosamine and chondroitin sulfate regulate gene expression and synthesis of nitric oxide and prostaglandin E(2) in articular cartilage explants. 2005 , 13, 387-94	140
198	Modulation of prostaglandin biosynthesis by nitric oxide and nitric oxide donors. 2005 , 57, 217-52	283
197	Wnt influence on chondrocyte differentiation and cartilage function. 2005 , 24, 446-57	48
196	The Role of Apoptosis in Arthritis. 2005 , 1, 131-142	17
195	Octacalcium phosphate crystals directly stimulate expression of inducible nitric oxide synthase through p38 and JNK mitogen-activated protein kinases in articular chondrocytes. 2005 , 7, R915-26	59
194	Hyaluronan fragments activate nitric oxide synthase and the production of nitric oxide by articular chondrocytes. 2006 , 38, 123-33	44
193	Effect of leaf extract of Seabuckthorn on lipopolysaccharide induced inflammatory response in murine macrophages. 2006 , 6, 46-52	45
192	Site-specific analysis of gene expression in early osteoarthritis using the Pond-Nuki model in dogs. <i>Journal of Orthopaedic Surgery and Research</i> , 2006 , 1, 8	17
191	Identification and characterization of arginase II as a chondrocyte phenotype-specific gene. 2006 , 58, 597-605	4
190	Antisense strategies in degenerative joint diseases: sense or nonsense?. 2006 , 58, 285-99	13
189	Celecoxib inhibits nitric oxide production in chondrocytes of ligament-damaged osteoarthritic rat joints. 2006 , 26, 991-5	17
188	Glycogen synthase kinase-3beta inhibition attenuates the degree of arthritis caused by type II collagen in the mouse. 2006 , 120, 57-67	76
187	Peroxynitrite-modified collagen-II induces p38/ERK and NF-kappaB-dependent synthesis of prostaglandin E2 and nitric oxide in chondrogenically differentiated mesenchymal progenitor cells. 2006 , 14, 460-70	28
186	Functional characterization of an orphan nuclear receptor, Rev-ErbAalpha, in chondrocytes and its potential role in osteoarthritis. 2006 , 54, 3513-22	11
185	Prostanoid pattern and iNOS expression during chondrogenic differentiation of human mesenchymal stem cells. 2006 , 98, 798-809	11

184	Hyaluronic acid attenuates osteoarthritis development in the anterior cruciate ligament-transected knee: Association with excitatory amino acid release in the joint dialysate. 2006 , 24, 1052-61	46
183	Glucosamine and osteoarthritis. 2006 , 1, 67-78	2
182	Glycogen synthase kinase-3 beta inhibition reduces secondary damage in experimental spinal cord trauma. 2006 , 318, 79-89	59
181	Calotropis procera latex extract affords protection against inflammation and oxidative stress in Freund's complete adjuvant-induced monoarthritis in rats. 2007 , 2007, 47523	41
180	The effects of radial shock waves on the metabolism of equine cartilage explants in vitro. 2007, 55, 40-4	5
179	Radiobiological mechanisms in inflammatory diseases of low-dose radiation therapy. 2007 , 83, 357-66	142
178	Optimized extraction of glycosaminoglycans from normal and osteoarthritic cartilage for glycomics profiling. 2007 , 17, 25-35	54
177	Inhibition of tyrosine kinase-mediated cellular signalling by Tyrphostins AG126 and AG556 modulates secondary damage in experimental spinal cord trauma. 2007 , 52, 1454-71	9
176	Pycnogenol supplementation reduces pain and stiffness and improves physical function in adults with knee osteoarthritis. 2007 , 27, 692-697	43
175	[Evidence of inflammatory mechanisms in osteoarthritis]. 2007, 3 Suppl 3, S23-7	3
174	Inhibitory effects of root canal sealers on the expression of inducible nitric oxide synthase in lipopolysaccharide-stimulated murine macrophage cells. 2007 , 83, 91-6	3
173	Biomechanical strain regulates TNFR2 but not TNFR1 in TMJ cells. 2007 , 40, 1541-9	4
172	Melittin inhibits inflammatory target gene expression and mediator generation via interaction with IkappaB kinase. 2007 , 73, 237-47	65
171	DNA methylation in osteoarthritic chondrocytes: a new molecular target. 2007 , 15, 128-37	64
170	Elevated high-sensitivity C-reactive protein levels are associated with local inflammatory findings in patients with osteoarthritis. 2007 , 15, 516-23	212
169	Prostaglandin E2 receptors EP1 and EP4 are up-regulated in rabbit chondrocytes by IL-1beta, but not by TNFalpha. 2007 , 27, 911-7	14
168	Effects of nonsteroidal anti-inflammatory drugs on the expression of urokinase plasminogen activator and inhibitor and gelatinases in the early osteoarthritic knee of humans. 2008 , 41, 109-16	19
167	JNK pathway is involved in the inhibition of inflammatory target gene expression and NF-kappaB activation by melittin. 2008 , 5, 7	62

166	Oxidative DNA damage in osteoarthritic porcine articular cartilage. 2008 , 217, 828-33	27
165	Crucial role of visfatin/pre-B cell colony-enhancing factor in matrix degradation and prostaglandin E2 synthesis in chondrocytes: possible influence on osteoarthritis. 2008 , 58, 1399-409	151
164	The chemical biology of nitric oxidean outsider's reflections about its role in osteoarthritis. 2008 , 16 Suppl 2, S3-S13	19
163	Nitric oxide, C-type natriuretic peptide and cGMP as regulators of endochondral ossification. 2008 , 319, 171-8	56
162	Potential directions for drug development for osteoarthritis. 2008, 3, 475-86	8
161	Chondrocytes: Pathogenesis of Rheumatoid Arthritis. 2009 , 151-162	
160	Intra-articular magnesium sulfate (MgSO4) reduces experimental osteoarthritis and nociception: association with attenuation of N-methyl-D-aspartate (NMDA) receptor subunit 1 phosphorylation and apoptosis in rat chondrocytes. 2009 , 17, 1485-93	53
159	A review of the benefits and risks of nonsteroidal anti-inflammatory drugs in the management of mild-to-moderate osteoarthritis. 2009 , 3, 1	35
158	COX-2 and iNOS are critical in advanced glycation end product-activated chondrocytes in vitro. 2009 , 39, 417-28	38
157	Hyaluronic acid inhibits nitric oxide-induced apoptosis and dedifferentiation of articular chondrocytes in vitro. 2010 , 59, 519-30	48
156	Atorvastatin exhibits anti-inflammatory and anti-oxidant properties in adjuvant-induced monoarthritis. 2010 , 18, 303-8	11
155	Mitochondrial DNA damage is involved in apoptosis caused by pro-inflammatory cytokines in human OA chondrocytes. 2010 , 18, 424-32	154
154	Dietary garlic and hip osteoarthritis: evidence of a protective effect and putative mechanism of action. 2010 , 11, 280	25
153	Effect of oleocanthal and its derivatives on inflammatory response induced by lipopolysaccharide in a murine chondrocyte cell line. 2010 , 62, 1675-82	72
152	Evaluation of anti-inflammatory and chondroprotective effects of peroxisome proliferator-activated receptor gamma agonists in cartilage and synovial explants from dogs. 2010 , 71, 1142-7	6
151	Oral intake of purple passion fruit peel extract reduces pain and stiffness and improves physical function in adult patients with knee osteoarthritis. 2010 , 30, 601-6	57
150	Chondroprotective effects and mechanisms of resveratrol in advanced glycation end products-stimulated chondrocytes. 2010 , 12, R167	71
149	The influence of irradiation on the potential chondroprotective effect of aqueous extract of propolis in rats. 2011 , 87, 254-62	6

148	Effects of supplemental intra-articular lubricin and hyaluronic acid on the progression of posttraumatic arthritis in the anterior cruciate ligament-deficient rat knee. 2011 , 39, 164-72	79
147	Statins: a potential role in the management of osteoarthritis?. 2011 , 78, 31-4	23
146	In vitro inhibition of compression-induced catabolic gene expression in meniscal explants following treatment with IL-1 receptor antagonist. 2011 , 16, 212-20	11
145	Les statines : un rle possible dans le traitement de larthrose ?. 2011 , 78, 8-11	1
144	Rose hip and its constituent galactolipids confer cartilage protection by modulating cytokine, and chemokine expression. 2011 , 11, 105	33
143	Immunomodulatory properties and molecular effects in inflammatory diseases of low-dose x-irradiation. 2012 , 2, 120	71
142	Effect of Colchicine on Total Antioxidant Capacity, Antioxidant Enzymes and Oxidative Stress Markers in Patients with Knee Osteoarthritis. 2012 , 03, 377-382	8
141	Modulation of inflammatory immune reactions by low-dose ionizing radiation: molecular mechanisms and clinical application. 2012 , 19, 1741-50	132
140	7,8-Dihydroxyflavone exhibits anti-inflammatory properties by downregulating the NF- B and MAPK signaling pathways in lipopolysaccharide-treated RAW264.7 cells. <i>International Journal of Molecular Medicine</i> , 2012 , 29, 1146-52	27
139	Dietary polyphenols and mechanisms of osteoarthritis. 2012 , 23, 1367-77	97
138	Evaluation of biological effects of the naproxen. 2012 , 21, 1433-1438	1
137	The effect of mud pack therapy on serum YKL-40 and hsCRP levels in patients with knee osteoarthritis. 2012 , 32, 1235-44	51
136	Resveratrol inhibits interleukin 1Emediated inducible nitric oxide synthase expression in articular chondrocytes by activating SIRT1 and thereby suppressing nuclear factor- B activity. <i>European Journal of Pharmacology</i> , 2012 , 674, 73-9	79
135	Hydroxychloroquine effectiveness in reducing symptoms of hand osteoarthritis (HERO): study protocol for a randomized controlled trial. 2013 , 14, 64	20
134	A 2-year randomised, double-blind, placebo-controlled, multicentre study of oral selective iNOS inhibitor, cindunistat (SD-6010), in patients with symptomatic osteoarthritis of the knee. 2013 , 72, 187-95	95
133	Antioxidant and Anti-Inflammatory Actions of Passion Fruit Peel Extract in Modifying Osteoarthritis, Hypertension, and Asthma. 2013 , 633-639	1
132	Effect of iNOS inhibitor S-methylisothiourea in monosodium iodoacetate-induced osteoathritic pain: implication for osteoarthritis therapy. 2013 , 103, 764-72	32
131	MicroRNA-203 up-regulates nitric oxide expression in temporomandibular joint chondrocytes via targeting TRPV4. 2013 , 58, 192-9	19

(2015-2013)

130	Evaluation of monooleine aqueous dispersions as tools for topical administration of curcumin: characterization, in vitro and ex-vivo studies. 2013 , 102, 2349-61	35
129	Loss of methylation in CpG sites in the NF- B enhancer elements of inducible nitric oxide synthase is responsible for gene induction in human articular chondrocytes. 2013 , 65, 732-42	71
128	Efficacy and tolerability of advanced glycation end-products inhibitor in osteoarthritis: a randomized, double-blind, placebo-controlled study. 2013 , 29, 717-24	16
127	Nitric oxide boosts TLR-4 mediated lipocalin 2 expression in chondrocytes. 2013 , 31, 1046-52	25
126	Ginsenoside retinoblastoma 1 (Rb1) suppresses NO production and inducible nitric oxide synthase (iNOS) expression by inhibiting nuclear factor B (NF-B) activation in SW1353 chondrosarcoma cells. 2013 , 7, 2584-2590	1
125	A novel rose hip preparation with enhanced anti-inflammatory and chondroprotective effects. 2014 , 2014, 105710	14
124	Resveratrol regulates type II collagen and COX-2 expression via the ERK, p38 and Akt signaling pathways in rabbit articular chondrocytes. 2014 , 7, 640-648	17
123	The DNA repair enzyme apurinic/apyrimidinic endonuclease (Apex nuclease) 2 has the potential to protect against down-regulation of chondrocyte activity in osteoarthritis. 2014 , 15, 14921-34	14
122	Ginsenoside Rb1 Reduces Nitric Oxide Production via Inhibition of Nuclear Factor- B Activation in Interleukin-1EStimulated SW1353 Chondrosarcoma Cells. 2014 , 13, 1071	2
121	6-Shogaol inhibits chondrocytes' innate immune responses and cathepsin-K activity. 2014 , 58, 256-66	28
120	Meniscal transection rather than excision increases pain behavior and structural damage in experimental osteoarthritis in mice. 2014 , 22, 1878-85	11
119	Effect of S-methylisothiourea, an inducible nitric oxide synthase inhibitor, in joint pain and pathology in surgically induced model of osteoarthritis. 2014 , 55, 367-77	11
118	Genomic analysis and differential expression of HMG and S100A family in human arthritis: upregulated expression of chemokines, IL-8 and nitric oxide by HMGB1. 2014 , 33, 550-65	40
117	Schisandrae Fructus Inhibits IL-1IInduced Matrix Metalloproteinases and Inflammatory Mediators Production in SW1353 Human Chondrocytes by Suppressing NF-B and MAPK Activation. 2015 , 76, 474-83	24
116	Nitric Oxide: Immune Modulation of Tumor Growth. 2015 , 159-175	4
115	Chondrosenescence: definition, hallmarks and potential role in the pathogenesis of osteoarthritis. 2015 , 80, 237-44	122
114	Inhibition of small HA fragment activity and stimulation of A2A adenosine receptor pathway limit apoptosis and reduce cartilage damage in experimental arthritis. 2015 , 143, 531-43	20
113	A dual role for NOTCH signaling in joint cartilage maintenance and osteoarthritis. 2015 , 8, ra71	53

112	Gallic acid can play a chondroprotective role against AGE-induced osteoarthritis progression. 2015 , 20, 734-41	14
111	Nitric Oxide and Cancer: Pathogenesis and Therapy. 2015 ,	2
110	Betulinic acid inhibits IL-1 Induced inflammation by activating PPAR- In human osteoarthritis chondrocytes. 2015 , 29, 687-692	33
109	TLR4 signalling in osteoarthritisfinding targets for candidate DMOADs. 2015 , 11, 159-70	139
108	Contribution of the immune system to bystander and non-targeted effects of ionizing radiation. 2015 , 356, 105-13	97
107	Anti-inflammatory effect of new kopetdaghins A, C and E from Dorema kopetdaghense. 2015 , 26, 430-439	2
106	Mechanical and oxidative stress in osteoarthritis. 2016 , 5, 81-86	3
105	Oxidative stress in osteoarticular diseases. 2016 , 183-192	
104	Biphasic activation of nuclear factor-kappa B in chondrocyte death induced by interleukin-1beta: The expression of inducible nitric oxide synthase and phagocyte-type NADPH oxidase through immediate and monocarboxylate transporter-1-mediated late-phase activation of nuclear	1
103	factor-kappa B. 2016 , 58, 39-44 Ketamine attenuates osteoarthritis of the knee via modulation of inflammatory responses in a rabbit model. 2016 , 13, 5013-20	6
102	Chitosan oligosaccharide suppresses synovial inflammation via AMPK activation: An in vitro and in vivo study. 2016 , 113, 458-467	44
101	Potent Anti-inflammatory and Analgesic Actions of the Chloroform Extract of Dendropanax morbifera Mediated by the Nrf2/HO-1 Pathway. 2016 , 39, 728-36	29
100	Effects of intra-articular SHINBARO treatment on monosodium iodoacetate-induced osteoarthritis in rats. 2016 , 11, 17	19
99	MicroRNA-26a-5p regulates the expression of inducible nitric oxide synthase via activation of NF- B pathway in human osteoarthritis chondrocytes. 2016 , 594, 61-7	53
98	Oxidative stress, autophagy, epigenetic changes and regulation by miRNAs as potential therapeutic targets in osteoarthritis. 2016 , 108, 1-10	82
97	Apigenin-7-O-ED-glucuronide inhibits LPS-induced inflammation through the inactivation of AP-1 and MAPK signaling pathways in RAW 264.7 macrophages and protects mice against endotoxin shock. 2016 , 7, 1002-13	53
96	Echinocystic Acid Inhibits IL-1 Enduced COX-2 and iNOS Expression in Human Osteoarthritis Chondrocytes. 2016 , 39, 543-9	29
95	Plumbagin Prevents IL-1 Enduced Inflammatory Response in Human Osteoarthritis Chondrocytes and Prevents the Progression of Osteoarthritis in Mice. 2017 , 40, 849-860	32

(2018-2017)

94	Piceatannol inhibits the IL-1EInduced inflammatory response in human osteoarthritic chondrocytes and ameliorates osteoarthritis in mice by activating Nrf2. 2017 , 8, 3926-3937	30
93	Mori Folium water extract alleviates articular cartilage damages and inflammatory responses in monosodium iodoacetate-induced osteoarthritis rats. 2017 , 16, 3841-3848	12
92	Mangiferin Inhibits IL-1 Induced Inflammatory Response by Activating PPAR- In Human Osteoarthritis Chondrocytes. 2017 , 40, 52-57	16
91	Selenium Reduces Early Signs of Tumor Necrosis Factor Alpha-Induced Meniscal Tissue Degradation. 2017 , 177, 80-89	3
90	Small non-coding RNAs-based bone regulation and targeting therapeutic strategies. 2017, 456, 16-35	14
89	Melatonin inhibits Sirt1-dependent NAMPT and NFAT5 signaling in chondrocytes to attenuate osteoarthritis. 2017 , 8, 55967-55983	20
88	Pathogenesis of Osteoarthritis. 2017 , 1685-1704.e8	3
87	Isorhamnetin inhibits IL-1⊞nduced expression of inflammatory mediators in human chondrocytes. 2017 , 16, 4253-4258	12
86	Monascin inhibits IL-1[induced catabolism in mouse chondrocytes and ameliorates murine osteoarthritis. 2018 , 9, 1454-1464	34
85	Knockdown of PRMT1 suppresses IL-1 Induced cartilage degradation and inflammatory responses in human chondrocytes through Gli1-mediated Hedgehog signaling pathway. 2018 , 438, 17-24	9
84	Deep Coverage Tissue and Cellular Proteomics Revealed IL-1ICan Independently Induce the Secretion of TNF-Associated Proteins from Human Synoviocytes. 2018 , 200, 821-833	8
83	The protective effect of phloretin in osteoarthritis: an in vitro and in vivo study. 2018 , 9, 263-278	23
82	Isofraxidin targets the TLR4/MD-2 axis to prevent osteoarthritis development. 2018 , 9, 5641-5652	13
81	Retracted Article: Salvianolic acid B inhibits inflammatory response and cell apoptosis the PI3K/Akt signaling pathway in IL-1Enduced osteoarthritis chondrocytes 2018 , 8, 36422-36429	4
80	Longitudinal Growth in Rheumatologic Conditions: Current and Emerging Treatments of Growth Delay in Children with Chronic Autoimmune Diseases. 2018 ,	
79	Current Disease-Targets for Oleocanthal as Promising Natural Therapeutic Agent. 2018 , 19,	17
78	Retracted Article: Resveratrol attenuates inflammation and reduces matrix-metalloprotease expression by inducing autophagy suppressing the Wnt/Etatenin signaling pathway in IL-1Enduced osteoarthritis chondrocytes 2018 , 8, 20202-20210	7
77	Isofraxidin inhibits interleukin-1[Induced inflammatory response in human osteoarthritis chondrocytes. 2018 , 64, 238-245	15

76	Hydroxysafflor yellow A (HSYA) targets the NF- B and MAPK pathways and ameliorates the development of osteoarthritis. 2018 , 9, 4443-4456	23
75	Kaempferol inhibits interleukin-1屆timulated matrix metalloproteinases by suppressing the MAPK-associated ERK and P38 signaling pathways. 2018 , 18, 2697-2704	22
74	Increased Anti-Inflammatory Effects on LPS-Induced Microglia Cells by Spirulina maxima Extract from Ultrasonic Process. 2019 , 9, 2144	6
73	Astragalus polysaccharide ameliorates lipopolysaccharide-induced cell injury in ATDC5 cells via miR-92a/KLF4 mediation. 2019 , 118, 109180	15
72	Fibrates as drugs with senolytic and autophagic activity for osteoarthritis therapy. 2019, 45, 588-605	45
71	Vanillic acid attenuates cartilage degeneration by regulating the MAPK and PI3K/AKT/NF- B pathways. <i>European Journal of Pharmacology</i> , 2019 , 859, 172481	31
70	Mangiterpenes A-C and 2',3'-seco-manginoid C, four sesquiterpene/monoterpene-shikimate-conjugated spirocyclic meroterpenoids from Guignardia mangiferae. 2019 , 164, 236-242	8
69	Vitexin alleviates interleukin-1Enduced inflammatory responses in chondrocytes from osteoarthritis patients: Involvement of HIF-1[pathway. 2019 , 90, e12773	18
68	Effects of macro-cracks on the load bearing capacity of articular cartilage. 2019 , 18, 1371-1381	6
67	Inhibiting the PI3K/AKT/NF- B signal pathway with nobiletin for attenuating the development of osteoarthritis: in vitro and in vivo studies. 2019 , 10, 2161-2175	34
66	The Protective Effect of Magnolol in Osteoarthritis: and Studies. 2019 , 10, 393	8
65	Urate and osteoarthritis: Evidence for a reciprocal relationship. 2019 , 86, 576-582	18
64	Inhibition of PI3K/Akt/NF- B signaling with leonurine for ameliorating the progression of osteoarthritis: In vitro and in vivo studies. 2019 , 234, 6940-6950	18
63	Acide urique et arthrose : donnès en faveur dune relation rèiproque. 2020 , 87, 99-105	
62	Protectin DX attenuates IL-1 Induced inflammation via the AMPK/NF-B pathway in chondrocytes and ameliorates osteoarthritis progression in a rat model. 2020 , 78, 106043	26
61	Mangiferin: Possible uses in the prevention and treatment of mixed osteoarthritic pain. 2020 , 34, 505-525	8
60	Astilbin prevents osteoarthritis development through the TLR4/MD-2 pathway. 2020 , 24, 13104-13114	8
59	EHydroxyisovalerylshikonin inhibits IL-1Enduced chondrocyte inflammation Nrf2 and retards osteoarthritis in mice. 2020 , 11, 10219-10230	3

(2021-2020)

58	In Vitro and In Vivo Anti-inflammatory Activity of Bovine Milkfat Globule (MFGM)-derived Complex Lipid Fractions. 2020 , 12,	2
57	Amentadione from the Alga as a Novel Osteoarthritis Protective Agent in an Ex Vivo Co-Culture OA Model. 2020 , 18,	2
56	Akebia Saponin D suppresses inflammation in chondrocytes via the NRF2/HO-1/NF- B axis and ameliorates osteoarthritis in mice. 2020 , 11, 10852-10863	7
55	The protective effect of myricitrin in osteoarthritis: An in vitro and in vivo study. 2020 , 84, 106511	7
54	The protective effect of hesperetin in osteoarthritis: an in vitro and in vivo study. 2020, 11, 2654-2666	13
53	Anti-inflammatory and analgesic effect of LD-RT and some novel thiadiazole derivatives through COX-2 inhibition. 2020 , 353, e2000094	O
52	FSTL1 promotes nitric oxide-induced chondrocyte apoptosis via activating the SAPK/JNK/caspase3 signaling pathway. 2020 , 732, 144339	5
51	Undenatured Type II Collagen (UC-II) in Joint Health and Disease: A Review on the Current Knowledge of Companion Animals. 2020 , 10,	10
50	Osteoarthritis and Toll-Like Receptors: When Innate Immunity Meets Chondrocyte Apoptosis. 2020 , 9,	19
49	Ginsenoside Rb inhibits monoiodoacetate-induced osteoarthritis in postmenopausal rats through prevention of cartilage degradation. 2021 , 45, 287-294	7
48	Hydrogen sulfide protects against IL-1 Enduced inflammation and mitochondrial dysfunction-related apoptosis in chondrocytes and ameliorates osteoarthritis. 2021 , 236, 4369-4386	6
47	Maltol prevents the progression of osteoarthritis by targeting PI3K/Akt/NF- B pathway: In vitro and in vivo studies. 2021 , 25, 499-509	9
46	Phillygenin protects against osteoarthritis by repressing inflammation via PI3K/Akt/NF- B signaling: In vitro and vivo studies. 2021 , 80, 104456	3
45	Cardamonin Attenuates Inflammation and Oxidative Stress in Interleukin-1E5timulated Osteoarthritis Chondrocyte through the Nrf2 Pathway. 2021 , 10,	2
44	Ferulic acid suppresses interleukin-1 Induced degeneration of chondrocytes isolated from patients with osteoarthritis through the SIRT1/AMPK/PGC-1 Isignaling pathway. 2021 , 9, 710-720	8
43	Polygonatum sibiricum polysaccharide inhibits IL-1🛭 nduced inflammation in human chondrocytes.	1
42	Decursin alleviates the aggravation of osteoarthritis via inhibiting PI3K-Akt and NF-kB signal pathway. 2021 , 97, 107657	8
41	Extracellular vesicles as novel approaches for the treatment of osteoarthritis: a narrative review on potential mechanisms. 2021 , 52, 879-891	2

40	Maltol inhibits the progression of osteoarthritis the nuclear factor-erythroid 2-related factor-2/heme oxygenase-1 signal pathway and. 2021 , 12, 1327-1337	7
39	Puerarin suppresses inflammation and ECM degradation through Nrf2/HO-1 axis in chondrocytes and alleviates pain symptom in osteoarthritic mice. 2021 , 12, 2075-2089	10
38	Nutrigenomics, Inflammaging, and Osteoarthritis. 71-84	1
37	Osteoarthritis. 2008 , 224-240	4
36	Nitric Oxide and the Respiratory Chain in Synovial Cells and Chondrocytes. 2013, 49-66	1
35	Inflammation. 2011 , 183-198.e2	1
34	Pathogenesis of Osteoarthritis. 2009 , 1525-1546	7
33	Cartilage and Chondrocytes. 2013 , 33-60.e10	5
32	Pathogenesis of Osteoarthritis. 2013 , 1617-1635.e8	9
31	Imperatorin suppresses IL-1 Enduced iNOS expression via inhibiting ERK-MAPK/AP1 signaling in primary human OA chondrocytes. 2020 , 85, 106612	13
30	Kaempferol Alleviates the Interleukin-1 Enduced Inflammation in Rat Osteoarthritis Chondrocytes via Suppression of NF-B. 2017, 23, 3925-3931	56
29	Wogonoside inhibits IL-1 Induced catabolism and hypertrophy in mouse chondrocyte and ameliorates murine osteoarthritis. 2017 , 8, 61440-61456	23
28	Silibinin protects against osteoarthritis through inhibiting the inflammatory response and cartilage matrix degradation and. 2017 , 8, 99649-99665	22
27	Saikosaponin A inhibits IL-1IInduced inflammatory mediators in human osteoarthritis chondrocytes by activating LXRII LXRII 2017, 8, 88941-88950	5
26	Study of oxidative stress in osteoarthritis And rheumatoid arthritis. 2017, 8,	1
25	Etiology and pathophysiology of osteoarthritis. 2005 , 28, s207-14	49
24	Resveratrol Inhibits Nitric Oxide-Induced Apoptosis via the NF-Kappa B Pathway in Rabbit Articular Chondrocytes. 2013 , 21, 364-70	28
23	Reduced synovial inflammation and inhibition of matrix metalloproteinases explicates anti-osteoarthritis activity of polyherbal formulations. 2018 , 50, 22-29	1

22	Pomegranate (Punica Granatum L.) Peel Hydroalcoholic Extract Supplementation Reduces Pain and Improves Clinical Symptoms of Knee Osteoarthritis: A Randomized Double-Blind Placebo Controlled Study. 2016 , 19,		4
21	Betulin Alleviates the Inflammatory Response in Mouse Chondrocytes and Ameliorates Osteoarthritis via AKT/Nrf2/HO-1/NF- B Axis. 2021 , 12, 754038		5
20	Sex-Specific Reduction in Inflammation of Osteoarthritic Human Chondrocytes and Nutraceutical-Dependent Extracellular Matrix Formation. 2021 , 14, 100054-100054		
19	Cartilage and Chondrocytes. 2009 , 37-69		1
18	Retinoic Acid Potentiates Nitric Oxide-Induced Dedifferentiation through the ERK Pathway in Rabbit Articular Chondrocytes. <i>Journal of Life Science</i> , 2011 , 21, 534-541		
17	Osteoarthritis. 293-329		
16	Peimine suppresses interleukin-1 Induced inflammation via MAPK downregulation in chondrocytes. <i>International Journal of Molecular Medicine</i> , 2019 , 43, 2241-2251	4.4	3
15	Dynamics of Interleukin-1[and Inducible NO-Synthase Activities in Blood of Rats in Experimental Osteoarthritis. <i>Ukrd</i> [as?kij [arnal Medicini B[alog[as]]] a Sportu, 2019 , 4, 78-84	0.1	
14	Radiobiological Principles of Radiotherapy for Benign Diseases. 2020 , 1-15		
13	Pathogenetic mechanisms of posttraumatic osteoarthritis: opportunities for early intervention. International Journal of Clinical and Experimental Medicine, 2011, 4, 285-98		54
12	Anti-inflammatory response of dietary vitamin E and its effects on pain and joint structures during early stages of surgically induced osteoarthritis in dogs. <i>Canadian Journal of Veterinary Research</i> , 2013 , 77, 191-8	0.5	7
11	The protective effect of kirenol in osteoarthritis: an in vitro and in vivo study <i>Journal of Orthopaedic Surgery and Research</i> , 2022 , 17, 195	2.8	
10	Isorhynchophylline ameliorates the progression of osteoarthritis by inhibiting the NF- B pathway <i>European Journal of Pharmacology</i> , 2022 , 174971	5.3	
9	SEMA6D, Negatively Regulated by miR-7, Contributes to C28/I2 chondrocytell Catabolic and Anabolic Activities via p38 Signaling Pathway. <i>Oxidative Medicine and Cellular Longevity</i> , 2022 , 2022, 1-1	6 ^{6.7}	
8	Glutamine exerts a protective effect on osteoarthritis development by inhibiting the Jun N-terminal kinase and nuclear factor kappa-B signaling pathways. <i>Scientific Reports</i> , 2022 , 12,	4.9	1
7	Interleukin 1[and lipopolysaccharides induction dictate chondrocyte morphological properties and reduce cellular roughness and adhesion energy comparatively. 2022 , 17, 051001		O
6	Hop Extract Anti-Inflammatory Effect on Human Chondrocytes Is Potentiated When Encapsulated in Rapeseed Lecithin Nanoliposomes. 2022 , 23, 12423		O
5	Anti-Inflammatory and Chondro-Protective Effects of Acidic Polysaccharide from Enteromorpha Prolifera in Experimental Models of Osteoarthritis In-Vitro and In-Vivo. 194760352211295		О

4	Linalool inhibits the progression of osteoarthritis via the Nrf2/HO-1 signal pathway both in vitro and in vivo. 2022 , 113, 109338	1
3	Stevioside targets the NF-B and MAPK pathways for inhibiting inflammation and apoptosis of chondrocytes and ameliorates osteoarthritis in vivo. 2023 , 115, 109683	Ο
2	Cerium oxide nanoparticles protect against chondrocytes and cartilage explants from oxidative stress via Nrf2/HO-1 pathway in temporomandibular joint osteoarthritis. 11,	О
1	Connection between Osteoarthritis and Nitric Oxide: From Pathophysiology to Therapeutic Target. 2023 , 28, 1683	O