Osteoarthritis of the Knee

New England Journal of Medicine 354, 841-848

DOI: 10.1056/nejmcp051726

Citation Report

#	Article	IF	CITATIONS
1	Correlates of Physical Activity in Persons with Arthritis: Review and Recommendations. Journal of Physical Activity and Health, 2005, 2, 230-252.	1.0	30
2	Analysis of Pharmacologic and Nonpharmacologic Prescription Patterns of General Practitioners and Specialists in the AMICA Study. Seminars in Arthritis and Rheumatism, 2005, 35, 24-30.	1.6	11
3	Do Physicians Treat Symptomatic Osteoarthritis Patients Properly? Results of the AMICA Experience. Seminars in Arthritis and Rheumatism, 2005, 35, 38-42.	1.6	35
4	Osteoarthritis - An Update. Current Medicinal Chemistry Anti-inflammatory & Anti-allergy Agents, 2005, 4, 209-215.	0.4	O
5	Advanced Magnetic Resonance Imaging of Articular Cartilage. Orthopedic Clinics of North America, 2006, 37, 331-347.	0.5	46
6	Osteoarthritis and joint pain. Pain, 2006, 123, 6-9.	2.0	136
7	Assessment of Bleeding after Concomitant Administration of Antiplatelet and Anticoagulant Agents in Lower Limb Arthroplasty. Pathophysiology of Haemostasis and Thrombosis: International Journal on Haemostasis and Thrombosis Research, 2006, 35, 428-434.	0.5	6
8	Osteoarthritis of the Knee. New England Journal of Medicine, 2006, 354, 2508-2509.	13.9	9
9	Treatment of knee pain in older adults in primary care: development of an evidence-based model of care. Rheumatology, 2006, 46, 638-648.	0.9	53
10	Nimesulide for painful osteoarthritis. Future Rheumatology, 2006, 1, 533-539.	0.2	1
11	Hospitalization for gastrointestinal bleeding associated with non-steroidal anti-inflammatory drugs among elderly patients using low-dose aspirin: a retrospective cohort study. Rheumatology, 2006, 46, 265-272.	0.9	40
12	Decision-Making Ability of Physical Therapists: Physical Therapy Intervention or Medical Referral. Physical Therapy, 2006, 86, 1619-1629.	1.1	147
13	Symptoms and radiographic osteoarthritis: not as discordant as they are made out to be?. Annals of the Rheumatic Diseases, 2006, 66, 86-91.	0.5	128
14	Acupuncture treatment for chronic knee pain: a systematic review. Rheumatology, 2007, 46, 384-390.	0.9	249
15	Topical nonsteroidal anti-inflammatory drugs in the treatment of osteoarthritis. Future Rheumatology, 2007, 2, 163-175.	0.2	2
16	Effects of Topical O24 Essential Oils on Patients with Fibromyalgia Syndrome: A Randomized, Placebo Controlled Pilot Study. Journal of Musculoskeletal Pain, 2007, 15, 11-19.	0.3	14
17	Clinician's Corner: Osteoarthritis: A Lifestyle Medicine Assessment of Risks, Prevention, and Treatment. American Journal of Lifestyle Medicine, 2007, 1, 256-259.	0.8	1
18	Patellofemoral osteoarthritis: new insights into a neglected disease. Future Rheumatology, 2007, 2, 193-202.	0.2	4

#	Article	IF	CITATIONS
19	HPLC Determination of Chondrosine in Mouse Blood Plasma after Intravenous or Oral Dose. Biological and Pharmaceutical Bulletin, 2007, 30, 1365-1368.	0.6	11
20	Health Related Quality of Life by Level of Physical Activity in Arthritic Older Adults With and Without Activity Limitations. Journal of Physical Activity and Health, 2007, 4, 482-495.	1.0	14
21	The role of nitric oxide in osteoarthritis. Scandinavian Journal of Rheumatology, 2007, 36, 247-258.	0.6	92
22	Review of Upper and Lower Extremity Musculoskeletal Pain Problems. Physical Medicine and Rehabilitation Clinics of North America, 2007, 18, 747-760.	0.7	11
23	Effect of Knee Sleeve on Static and Dynamic Balance in Patients with Knee Osteoarthritis. Kaohsiung Journal of Medical Sciences, 2007, 23, 405-411.	0.8	57
24	Updated Therapy in Elderly Patients with Knee Osteoarthritis. International Journal of Gerontology, 2007, 1, 31-39.	0.7	9
25	Osteoarthritis of the Hip. New England Journal of Medicine, 2007, 357, 1413-1421.	13.9	129
26	Osteoarthritis. Journal of Cellular Physiology, 2007, 213, 626-634.	2.0	1,069
27	Effects of nimesulide on pain and on synovial fluid concentrations of substance P, interleukin-6 and interleukin-8 in patients with knee osteoarthritis: comparison with celecoxib. International Journal of Clinical Practice, 2007, 61, 1270-1277.	0.8	38
28	Effect of muscle strengthening exercises on the muscle strength in patients with osteoarthritis of the knee. Knee, 2007, 14, 224-230.	0.8	28
29	Knee osteoarthritis in community-dwelling older adults: are there characteristic patterns of pain location?. Osteoarthritis and Cartilage, 2007, 15, 615-623.	0.6	46
30	A positive association of smoking and articular knee joint cartilage in healthy people. Osteoarthritis and Cartilage, 2007, 15, 587-590.	0.6	18
31	Tibial subchondral bone size and knee cartilage defects: relevance to knee osteoarthritis. Osteoarthritis and Cartilage, 2007, 15, 479-486.	0.6	132
32	Effects of glycosaminoglycans in vascular events. Pharmaceutical Chemistry Journal, 2008, 42, 553-563.	0.3	5
33	Knee osteoarthritis: a role for bradykinin?. Inflammation Research, 2008, 57, 351-361.	1.6	60
34	Baker's cysts in knees with chronic osteoarthritic pain: a clinical, ultrasonographic, radiographic and scintigraphic evaluation. Rheumatology International, 2008, 29, 141-146.	1.5	41
35	Defining the roles of inflammatory and anabolic cytokines in cartilage metabolism. Annals of the Rheumatic Diseases, 2008, 67, iii75-iii82.	0.5	195
36	Intra-articular hyaluronic acid for treatment of osteoarthritis: a nationwide study among the older population of Taiwan. BMC Health Services Research, 2008, 8, 24.	0.9	7

#	Article	IF	CITATIONS
37	Osteoarthritis. Best Practice and Research in Clinical Rheumatology, 2008, 22, 657-675.	1.4	89
38	A double blind, randomized, placebo controlled study of the efficacy and safety of 5-Loxin \hat{A}^{\otimes} for treatment of osteoarthritis of the knee. Arthritis Research and Therapy, 2008, 10, R85.	1.6	181
39	A Randomized Trial of Arthroscopic Surgery for Osteoarthritis of the Knee. New England Journal of Medicine, 2008, 359, 1097-1107.	13.9	614
40	Nutrition and Rheumatic Disease. , 2008, , .		9
41	The Effectiveness of Acupuncture on Pain and Mobility in Patients With Osteoarthritis of the Knee: A Pilot Study. The Journal of Nursing Research: JNR, 2008, 16, 140-148.	0.7	7
42	Cost effectiveness of the Expert Patients Programme (EPP) for patients with chronic conditions. Journal of Epidemiology and Community Health, 2008, 62, 361-367.	2.0	67
43	Novel Contrast Mechanisms at 3 Tesla and 7 Tesla. Seminars in Musculoskeletal Radiology, 2008, 12, 266-280.	0.4	26
44	Understanding pain in osteoarthritis. Journal of Bone and Joint Surgery: British Volume, 2008, 90-B, 280-287.	3.4	48
45	Resistance Training for Medial Compartment Knee Osteoarthritis and Malalignment. Medicine and Science in Sports and Exercise, 2008, 40, 1376-1384.	0.2	66
46	Osteoarthritis: is this a disease for biologics or the physiatrist?. Current Opinion in Rheumatology, 2008, 20, 545-546.	2.0	0
47	Diffuse Musculoskeletal Pain Is Not Associated With Low Vitamin D Levels or Improved by Treatment With Vitamin D. Journal of Clinical Rheumatology, 2008, 14, 12-16.	0.5	121
48	Glucosamine hydrochloride for the treatment of osteoarthritis symptoms. Clinical Interventions in Aging, 2008, Volume 2, 599-604.	1.3	17
49	Recent Advances in MRI of Articular Cartilage. American Journal of Roentgenology, 2009, 193, 628-638.	1.0	187
50	PGE2 inhibits MMP expression by suppressing MKK4–JNK MAP kinase–câ€JUN pathway via EP4 in human articular chondrocytes. Journal of Cellular Biochemistry, 2010, 109, 425-433.	1.2	40
51	Serum levels of vitamin D, sunlight exposure, and knee cartilage loss in older adults: The Tasmanian older adult cohort study. Arthritis and Rheumatism, 2009, 60, 1381-1389.	6.7	134
52	Interleukinâ€6 is a significant predictor of radiographic knee osteoarthritis: The Chingford study. Arthritis and Rheumatism, 2009, 60, 2037-2045.	6.7	319
53	Vascular cell adhesion molecule 1 as a predictor of severe osteoarthritis of the hip and knee joints. Arthritis and Rheumatism, 2009, 60, 2381-2389.	6.7	73
54	Tai Chi is effective in treating knee osteoarthritis: A randomized controlled trial. Arthritis and Rheumatism, 2009, 61, 1545-1553.	6.7	256

#	Article	IF	CITATIONS
55	A review of the benefits and risks of nonsteroidal anti-inflammatory drugs in the management of mild-to-moderate osteoarthritis. Osteopathic Medicine and Primary Care, 2009, 3, 1.	0.5	51
56	Effect of polymerizedâ€type I collagen in knee osteoarthritis. I. <i>In vitro</i> study. European Journal of Clinical Investigation, 2009, 39, 591-597.	1.7	19
57	Road traffic accidents and the elderly. Geriatrics and Gerontology International, 2009, 9, 290-297.	0.7	52
58	Intra-articular drug delivery systems for the treatment of rheumatic diseases: A review of the factors influencing their performance. European Journal of Pharmaceutics and Biopharmaceutics, 2009, 73, 205-218.	2.0	129
59	Revealing the interplay of bone and cartilage in osteoarthritis through multimodal imaging of murine joints. Bone, 2009, 45, 414-422.	1.4	31
60	Do NSAIDs Affect Longitudinal Changes in Knee Cartilage Volume and Knee Cartilage Defects in Older Adults?. American Journal of Medicine, 2009, 122, 836-842.	0.6	40
63	Phytalgic \hat{A}^{\otimes} , a food supplement, vs placebo in patients with osteoarthritis of the knee or hip: a randomised double-blind placebo-controlled clinical trial. Arthritis Research and Therapy, 2009, 11, R192.	1.6	45
64	Glucosamine therapy for knee osteoarthritis: pharmacokinetic considerations. Expert Review of Clinical Pharmacology, 2009, 2, 359-371.	1.3	41
65	Reply to Dr. Manchikanti. Regional Anesthesia and Pain Medicine, 2009, 34, 82-83.	1.1	1
66	Epiduroscopy and Radiation Exposure. Regional Anesthesia and Pain Medicine, 2009, 34, 79.	1.1	4
67	Yttrium-90 radiation synovectomy in knee osteoarthritis: a prospective assessment at 6 and 12 months. Nuclear Medicine Communications, 2009, 30, 472-479.	0.5	23
68	Imaging of Lower Limb Cartilage. Topics in Magnetic Resonance Imaging, 2009, 20, 189-201.	0.7	8
69	Needs and Opportunities in the Assessment and Treatment of Osteoarthritis of the Knee and Hip: The View of the Rheumatologist. Journal of Bone and Joint Surgery - Series A, 2009, 91, 4-6.	1.4	11
70	Correlation between synovitis detected on enhanced-magnetic resonance imaging and a histological analysis with a patient-oriented outcome measure for Japanese patients with end-stage knee osteoarthritis receiving joint replacement surgery. Clinical Rheumatology, 2010, 29, 1185-1190.	1.0	34
71	A Review of Occupational Knee Disorders. Journal of Occupational Rehabilitation, 2010, 20, 489-501.	1.2	77
72	287 CORRELATION BETWEEN SYNOVITIS DETECTED ON ENHANCED-MAGNETIC RESONANCE IMAGING AND A HISTOLOGICAL ANALYSIS WITH A PATIENT-ORIENTED OUTCOME MEASURE FOR JAPANESE PATIENTS WITH END-STAGE KNEE OSTEOARTHRITIS RECEIVING JOINT REPLACEMENT SURGERY. Osteoarthritis and Cartilage, 2010. 18. S128-S129.	0.6	0
73	329 INFLUENCE OF TAI CHI EXERCISE ON PROPRIOCEPTION IN PATIENTS WITH KNEE OSTEOARTHRITIS: RESULTS FROM A PILOT RANDOMIZED CONTROLLED TRIAL. Osteoarthritis and Cartilage, 2010, 18, \$145-\$146.	0.6	1
74	Comparing two low-energy diets for the treatment of knee osteoarthritis symptoms in obese patients: a pragmatic randomized clinical trial. Osteoarthritis and Cartilage, 2010, 18, 746-754.	0.6	107

#	ARTICLE	IF	CITATIONS
75	The infrapatellar fat pad should be considered as an active osteoarthritic joint tissue: a narrative review. Osteoarthritis and Cartilage, 2010, 18, 876-882.	0.6	322
76	Circulating levels of IL-6 and TNF- $\hat{l}\pm$ are associated with knee radiographic osteoarthritis and knee cartilage loss in older adults. Osteoarthritis and Cartilage, 2010, 18, 1441-1447.	0.6	389
77	Non-pharmacological approaches for the treatment of osteoarthritis. Best Practice and Research in Clinical Rheumatology, 2010, 24, 93-106.	1.4	74
78	Is a "falseâ€positive―clinical diagnosis of knee osteoarthritis just the early diagnosis of pre–radiographic disease?. Arthritis Care and Research, 2010, 62, 1502-1506.	1.5	14
79	Sex differences of chondrogenic progenitor cells in late stages of osteoarthritis. Arthritis and Rheumatism, 2010, 62, 1077-1087.	6.7	50
80	Discovery of (pyridin-4-yl)-2H-tetrazole as a novel scaffold to identify highly selective matrix metalloproteinase-13 inhibitors for the treatment of osteoarthritis. Bioorganic and Medicinal Chemistry Letters, 2010, 20, 576-580.	1.0	44
81	Therapeutic effect of the saponin fraction from <i>Clematis chinensis</i> Osbeck roots on osteoarthritis induced by monosodium iodoacetate through protecting articular cartilage. Phytotherapy Research, 2010, 24, 538-546.	2.8	33
82	Transcriptional regulation of bone and joint remodeling by NFAT. Immunological Reviews, 2010, 233, 286-300.	2.8	113
83	Nutritional benefits of flavocoxid in patients with osteoarthritis: efficacy and safety. Nutrition and Dietary Supplements, 0, , 27.	0.7	8
84	Comparative Efficacy and Tolerability of 5-Loxin $<$ sup $>$ Â $^{\odot}$ $<$ /sup $>$ and Aflapin $<$ sup $>$ Â $^{\odot}$ $<$ /sup $>$ Against Osteoarthritis of the Knee: A Double Blind, Randomized, Placebo Controlled Clinical Study. International Journal of Medical Sciences, 2010, 7, 366-377.	1.1	78
85	Mixture of Arnebia euchroma and Matricaria chamomilla (Marhame-Mafasel) for pain relief of osteoarthritis of the knee $\hat{a} \in \hat{a}$ a two-treatment, two-period crossover trial. Archives of Medical Science, 2010, 6, 950-955.	0.4	25
86	Lipophilic statins prevent matrix metalloproteinase-mediated cartilage collagen breakdown by inhibiting protein geranylgeranylation. Annals of the Rheumatic Diseases, 2010, 69, 2189-2198.	0.5	36
87	Current evidence for osteoarthritis treatments. Therapeutic Advances in Musculoskeletal Disease, 2010, 2, 17-28.	1.2	65
88	Analgesic Use in the Elderly: The "Pain―and Simple Truth. Archives of Internal Medicine, 2010, 170, 1976.	4.3	13
89	Treatment of knee osteoarthritis with Orthokine $\sup \hat{A}^{\otimes}$ (sup>-derived autologous conditioned serum. Expert Review of Clinical Immunology, 2010, 6, 335-345.	1.3	38
90	Conditioned Media Enhance Osteogenic Differentiation on Poly(L-lactide-co-ε-caprolactone)/Hydroxyapatite Scaffolds and Chondrogenic Differentiation in Alginate. Journal of Biomaterials Science, Polymer Edition, 2010, 21, 1441-1458.	1.9	14
91	Sarcopenia: Prevalence, Mechanisms, and Functional Consequences. Interdisciplinary Topics in Gerontology, 2010, 37, 94-114.	3.6	139
92	Development of the Occupational Activities Knee Scale. Journal of Knee Surgery, 2010, 23, 095-102.	0.9	1

#	Article	IF	CITATIONS
94	Women lose patella cartilage at a faster rate than men: A 4.5-year cohort study of subjects with knee OA. Maturitas, 2010, 67, 270-274.	1.0	22
95	Manual labor metacarpophalangeal arthropathy in a truck driver: a case report. Journal of Chiropractic Medicine, 2010, 9, 193-199.	0.3	1
96	Arthrose — zum aktuellen Kenntnisstand über die Ätiologie, Diagnose und Therapie. Zentralblatt Fur Arbeitsmedizin, Arbeitsschutz Und Ergonomie, 2010, 60, 154-168.	0.1	1
97	The bone–cartilage unit in osteoarthritis. Nature Reviews Rheumatology, 2011, 7, 43-49.	3.5	502
98	Do knee abnormalities visualised on MRI explain knee pain in knee osteoarthritis? A systematic review. Annals of the Rheumatic Diseases, 2011, 70, 60-67.	0.5	302
99	The association between radiographic knee osteoarthritis and knee symptoms, function and quality of life 10-15 years after anterior cruciate ligament reconstruction. British Journal of Sports Medicine, 2011, 45, 583-588.	3.1	126
100	Tai Chi and Rheumatic Diseases. Rheumatic Disease Clinics of North America, 2011, 37, 19-32.	0.8	54
101	Relationships between biomarkers of cartilage, bone, synovial metabolism and knee pain provide insights into the origins of pain in early knee osteoarthritis. Arthritis Research and Therapy, 2011, 13, R22.	1.6	101
102	Suppressors of cytokine signalling (SOCS) are reduced in osteoarthritis. Biochemical and Biophysical Research Communications, 2011, 407, 54-59.	1.0	61
103	Discovery of $(1 < i > S < i > , 2 < i > R < i > , 3 < i > R < i >)-2,3-Dimethyl-2-phenyl-1-sulfamidocyclopropanecarboxylates: Novel and Highly Selective Aggrecanase Inhibitors. Journal of Medicinal Chemistry, 2011, 54, 2839-2863.$	2.9	46
104	Identification of a central role for complement in osteoarthritis. Nature Medicine, 2011, 17, 1674-1679.	15.2	470
105	Role of proinflammatory cytokines in the pathophysiology of osteoarthritis. Nature Reviews Rheumatology, 2011, 7, 33-42.	3.5	1,973
106	Effect of Phellodendron amurense in protecting human osteoarthritic cartilage and chondrocytes. Journal of Ethnopharmacology, 2011, 134, 234-242.	2.0	40
107	A 60â€yearâ€old obese woman with osteoarthritis of the knee: a caseâ€report. Clinical Obesity, 2011, 1, 53-56.	1.1	0
108	Comparison of a lowâ€energy diet and a very lowâ€energy diet in sedentary obese individuals: a pragmatic randomized controlled trial. Clinical Obesity, 2011, 1, 31-40.	1.1	70
109	Desempenho muscular, dor, rigidez e funcionalidade de idosas com osteoartrite de joelho. Acta Ortopedica Brasileira, 2011, 19, 193-197.	0.2	13
110	A Review of Current Animal Models of Osteoarthritis Pain. Current Pharmaceutical Biotechnology, 2011, 12, 1596-1612.	0.9	20
111	Common Musculoskeletal Diagnoses of Upper and Lower Extremities in Older Patients. Mount Sinai Journal of Medicine, 2011, 78, 546-557.	1.9	7

#	Article	IF	CITATIONS
112	Tribological principles of developing medicinal preparations based on blood serum as a liquid-crystalline medium for therapeutic correction of synovial joints. Journal of Friction and Wear, 2011, 32, 49-53.	0.1	5
113	Correlations between both the expression levels of inflammatory mediators and growth factor in medial perimeniscal synovial tissue and the severity of medial knee osteoarthritis. International Orthopaedics, 2011, 35, 831-838.	0.9	33
114	Design, construction and validation of a computer controlled system for functional loading of soft tissue. Medical Engineering and Physics, 2011, 33, 677-683.	0.8	9
115	A genetic association study between growth differentiation factor 5 (GDF 5) polymorphism and knee osteoarthritis in Thai population. Journal of Orthopaedic Surgery and Research, 2011, 6, 47.	0.9	30
116	The effectiveness of pulsed electrical stimulation in the management of osteoarthritis of the knee: Results of a doubleâ€blind, randomized, placeboâ€controlled, repeatedâ€measures trial. Arthritis and Rheumatism, 2011, 63, 1333-1342.	6.7	27
117	Muscle strength, muscle balance, physical function and plasma interleukin-6 (IL-6) levels in elderly women with knee osteoarthritis (OA). Archives of Gerontology and Geriatrics, 2011, 52, 322-326.	1.4	65
118	Cartilage Magnetic Resonance Imaging Techniques at 3 T. Topics in Magnetic Resonance Imaging, 2011, 22, 71-81.	0.7	8
119	Osteoarthritis of the Ankle and Foot Complex in Former Greek Soccer Players. Foot and Ankle Specialist, 2011, 4, 338-343.	0.5	26
120	Musculoskeletal Problems in Elderly. GeroFam-A Peer Reviewed Evidence-based Gerontology-oriented Family Practice Journal, $2011, 116$.	0.0	0
121	Serum Leptin Concentration Positively Correlates with Body Weight and Total Fat Mass in Postmenopausal Japanese Women with Osteoarthritis of the Knee. Arthritis, 2011, 2011, 1-6.	2.0	19
122	Teriparatide as a Chondroregenerative Therapy for Injury-Induced Osteoarthritis. Science Translational Medicine, 2011, 3, 101ra93.	5.8	145
123	Influence of the contact model on the dynamic response of the human knee joint. Proceedings of the Institution of Mechanical Engineers, Part K: Journal of Multi-body Dynamics, 2011, 225, 344-358.	0.5	15
124	Articular Cartilage in the Knee: Current MR Imaging Techniques and Applications in Clinical Practice and Research . Radiographics, 2011, 31, 37-61.	1.4	388
125	Breaking into a Sweat and Risk of Osteoarthritis!. Journal of Rheumatology, 2011, 38, 188-190.	1.0	4
126	Traditional Chinese Herbal Patch for Short-Term Management of Knee Osteoarthritis: A Randomized, Double-Blind, Placebo-Controlled Trial. Evidence-based Complementary and Alternative Medicine, 2012, 2012, 1-9.	0.5	32
127	Occupational activities and osteoarthritis of the knee. British Medical Bulletin, 2012, 102, 147-170.	2.7	83
128	Evaluating arthroscopic debridement as a surgical option for patients with differing grades of knee osteoarthritis. Current Orthopaedic Practice, 2012, 23, 218-220.	0.1	1
129	Visualization of small lesions in rat cartilage by means of laboratory-based x-ray phase contrast imaging. Physics in Medicine and Biology, 2012, 57, 8173-8184.	1.6	50

#	Article	IF	Citations
130	Correction of Proximal Tibia Varus with External Fixation. Journal of Knee Surgery, 2012, 25, 375-384.	0.9	16
131	Hypertonic Dextrose Injections (Prolotherapy) for Knee Osteoarthritis: Results of a Single-Arm Uncontrolled Study with 1-Year Follow-Up. Journal of Alternative and Complementary Medicine, 2012, 18, 408-414.	2.1	73
132	Improved nutritional status and bone health after diet-induced weight loss in sedentary osteoarthritis patients: a prospective cohort study. European Journal of Clinical Nutrition, 2012, 66, 504-509.	1.3	27
133	Association of CXCL12 Levels in Synovial Fluid With the Radiographic Severity of Knee Osteoarthritis. Journal of Investigative Medicine, 2012, 60, 898-901.	0.7	38
134	Efficacy of porcine placental extracts with hormone therapy for postmenopausal women with knee pain. Climacteric, 2012, 15, 30-35.	1.1	16
136	Is There a Dose Response for Valgus Unloader Brace Usage on Knee Pain, Function, and Muscle Strength?. Archives of Physical Medicine and Rehabilitation, 2012, 93, 496-502.	0.5	28
137	Requirement of the phosphatidylinositol 3-kinase/Akt signaling pathway for the effect of nicotine on interleukin-1beta-induced chondrocyte apoptosis in a rat model of osteoarthritis. Biochemical and Biophysical Research Communications, 2012, 423, 606-612.	1.0	33
138	Isosteric replacements for benzothiazoles and optimisation to potent Cathepsin K inhibitors free from hERG channel inhibition. Bioorganic and Medicinal Chemistry Letters, 2012, 22, 5563-5568.	1.0	4
139	Pharmacokinetic Benefits of 3,4-Dimethoxy Substitution of a Phenyl Ring and Design of Isosteres Yielding Orally Available Cathepsin K Inhibitors. Journal of Medicinal Chemistry, 2012, 55, 8827-8837.	2.9	17
140	Resource utilization and costs before and after total joint arthroplasty. BMC Health Services Research, 2012, 12, 73.	0.9	71
141	Vitamin D supplementation in the management of knee osteoarthritis: study protocol for a randomized controlled trial. Trials, 2012, 13, 131.	0.7	49
142	Synovial inflammation, immune cells and their cytokines in osteoarthritis: a review. Osteoarthritis and Cartilage, 2012, 20, 1484-1499.	0.6	506
143	An evidence-based recommendation for the inclusion of specific local intrinsic factors in the study of knee osteoarthritis. Knee, 2012, 19, 890-895.	0.8	0
144	Role of Tai Chi in the Treatment of Rheumatologic Diseases. Current Rheumatology Reports, 2012, 14, 598-603.	2.1	36
145	Plasma proteins present in osteoarthritic synovial fluid can stimulate cytokine production via Toll-like receptor 4. Arthritis Research and Therapy, 2012, 14, R7.	1.6	262
146	Knee Osteoarthritis and Associated Periarticular Conditions: lliotibial Band Friction and Baker Cyst. , $0, , .$		1
147	Effects of Activities of Daily Living (ADL) Instructions on Patient with Osteoarthritis of the Knee. Journal of Medicine (Bangladesh), 2012, 13, 27-31.	0.1	3
148	Hyaluronic Acid in the Treatment of Osteoarthritis: What is New. , 2012, , .		4

#	ARTICLE	IF	CITATIONS
149	Outcome of a public consultation on the Draft Opinion of the EFSA Panel on Dietetic Products, Nutrition, and Allergies (NDA) on a guidance on the scientific requirements for health claims related to bone, joints, skin, and oral health. EFSA Supporting Publications, 2012, 9, 281E.	0.3	0
150	Effect of aerobic training on plasma cytokines and soluble receptors in elderly women with knee osteoarthritis, in response to acute exercise. Clinical Rheumatology, 2012, 31, 759-766.	1.0	15
151	White cells count in smokers affected by rheumatic diseases. Rheumatology International, 2012, 32, 109-115.	1.5	1
152	Neopterin concentrations in synovial fluid may reflect disease severity in patients with osteoarthritis. Scandinavian Journal of Clinical and Laboratory Investigation, 2013, 73, 344-348.	0.6	10
153	Comparing the Lower Limb Tasks Questionnaire to the Western Ontario and McMaster Universities Osteoarthritis Index: Agreement, Responsiveness, and Convergence With Physical Performance for Knee Osteoarthritis Patients. Archives of Physical Medicine and Rehabilitation, 2013, 94, 474-479.	0.5	6
154	Safety and efficacy of Curcuma longa extract in the treatment of painful knee osteoarthritis: a randomized placebo-controlled trial. Inflammopharmacology, 2013, 21, 129-136.	1.9	95
155	Promotion of chondrogenesis of marrow stromal stem cells by TGF- \hat{l}^2 3 fusion protein in vitro. Journal of Huazhong University of Science and Technology [Medical Sciences], 2013, 33, 692-699.	1.0	6
156	Role of inflammation in the pathogenesis of osteoarthritis: latest findings and interpretations. Therapeutic Advances in Musculoskeletal Disease, 2013, 5, 77-94.	1.2	768
157	CTGF induces monocyte chemoattractant protein-1 expression to enhance monocyte migration in human synovial fibroblasts. Biochimica Et Biophysica Acta - Molecular Cell Research, 2013, 1833, 1114-1124.	1.9	36
158	Changes in knee pain, perceived need for surgery, physical function and quality of life after dietary weight loss in obese women diagnosed with knee osteoarthritis. Osteoarthritis and Cartilage, 2013, 21, S261.	0.6	7
159	Effect of iNOS inhibitor S-methylisothiourea in monosodium iodoacetate-induced osteoathritic pain: Implication for osteoarthritis therapy. Pharmacology Biochemistry and Behavior, 2013, 103, 764-772.	1.3	36
160	Mesenchymal stem cells: environmentally responsive therapeutics for regenerative medicine. Experimental and Molecular Medicine, 2013, 45, e54-e54.	3.2	954
161	Association between serum levels of 25-hydroxyvitamin D and osteoarthritis: a systematic review. Rheumatology, 2013, 52, 1323-1334.	0.9	77
162	Efficacy of a Chinese herbal medicine in the treatment for patients with knee osteoarthritis: A randomised, double blind, placebo controlled pilot trial. European Journal of Integrative Medicine, 2013, 5, 553-560.	0.8	2
163	Calcitonin delays the progress of early-stage mechanically induced osteoarthritis. InÂvivo, prospective study. Osteoarthritis and Cartilage, 2013, 21, 973-980.	0.6	20
164	Studies of pain management in osteoarthritis: bedside to policy. Osteoarthritis and Cartilage, 2013, 21, 1264-1271.	0.6	4
165	Mechanism of disease in early osteoarthritis: application of modern MR imaging techniques â€" a technical report. Magnetic Resonance Imaging, 2013, 31, 156-161.	1.0	13
166	Saponin-rich fraction from Clematis chinensis Osbeck roots protects rabbit chondrocytes against nitric oxide-induced apoptosis via preventing mitochondria impairment and caspase-3 activation. Cytotechnology, 2013, 65, 287-295.	0.7	19

#	Article	IF	CITATIONS
167	Interpretation of movement during stair ascent for predicting severity and prognosis of knee osteoarthritis in elderly women using support vector machine., 2013, 2013, 192-6.		9
168	Impact of different coils on biochemical T2 and T2* relaxation time mapping of articular patella cartilage. Skeletal Radiology, 2013, 42, 1565-1572.	1.2	14
169	Proprioceptive accuracy in women with early and established knee osteoarthritis and its relation to functional ability, postural control, and muscle strength. Clinical Rheumatology, 2013, 32, 1365-1374.	1.0	45
170	Reliability of Concentric, Eccentric and Isometric Knee Extension and Flexion when using the REV9000 Isokinetic Dynamometer. Journal of Human Kinetics, 2013, 37, 47-53.	0.7	47
171	Viscosupplementation in Patients with Osteoarthritis of the Knee. Postgraduate Medicine, 2013, 125, 97-105.	0.9	14
172	Interplay between Cartilage and Subchondral Bone Contributing to Pathogenesis of Osteoarthritis. International Journal of Molecular Sciences, 2013, 14, 19805-19830.	1.8	224
173	Deletion of the Transforming Growth Factor \hat{I}^2 Receptor Type II Gene in Articular Chondrocytes Leads to a Progressive Osteoarthritisâ \in ike Phenotype in Mice. Arthritis and Rheumatism, 2013, 65, 3107-3119.	6.7	159
174	Fluid shear stressâ€induced osteoarthritis: roles of cyclooxygenaseâ€2 and its metabolic products in inducing the expression of proinflammatory cytokines and matrix metalloproteinases. FASEB Journal, 2013, 27, 4664-4677.	0.2	59
175	Dextrose Prolotherapy for Knee Osteoarthritis: A Randomized Controlled Trial. Annals of Family Medicine, 2013, 11, 229-237.	0.9	130
176	An overview of underlying causes and animal models for the study of ageâ€related degenerative disorders of the spine and synovial joints. Journal of Orthopaedic Research, 2013, 31, 831-837.	1.2	72
177	Treatment of Knee Osteoarthritis in Relation to Hamstring and Quadriceps Strength. Journal of Physical Therapy Science, 2013, 25, 1401-1405.	0.2	37
178	The relation between total joint arthroplasty and risk for serious cardiovascular events in patients with moderate-severe osteoarthritis: propensity score matched landmark analysis. BMJ, The, 2013, 347, f6187-f6187.	3.0	70
179	Sources of pain in osteoarthritis: implications for therapy. International Journal of Clinical Rheumatology, 2013, 8, 335-345.	0.3	11
180	Eye, ear, nose, and throat emergencies in the elderly. , 0, , 153-169.		0
181	Rheumatologic and orthopedic emergencies in the elderly., 0,, 237-253.		0
182	Effects of an aqueous extract of Eucommia on articular cartilage in a rat model of osteoarthritis of the knee. Experimental and Therapeutic Medicine, 2013, 6, 684-688.	0.8	27
183	The Influence of Tai Chi Exercise on Proprioception in Patients with Knee Osteoarthritis: Results from a Pilot Randomized Controlled Trial. International Journal of Integrative Medicine, 2013, 1, 1.	0.7	5
184	Rs143383 in the Growth Differentiation Factor 5 (<i>GDF5</i>) Gene Significantly Associated with Osteoarthritis (OA)-A Comprehensive Meta-analysis. International Journal of Medical Sciences, 2013, 10, 312-319.	1.1	22

#	Article	IF	CITATIONS
185	Effect of distraction arthroplasty on osteoarthritic goat models of the articular cartilage. Medical Journal of Indonesia, 2013, , 64.	0.2	0
186	Efeitos da fisioterapia convencional e da wiiterapia na dor e capacidade funcional de mulheres idosas com osteoartrite de joelho. Revista Dor, 2013, 14, 196-199.	0.1	4
187	Efficacy of Physical Therapy in the Treatment of Gonarthrosis in Physically Burdened Working Men. Materia Socio-medica, 2013, 25, 203.	0.3	0
188	Changes in Knee Pain, Perceived Need for Surgery, Physical Function and Quality of Life after Dietary Weight Loss in Obese Women Diagnosed with Knee Osteoarthritis. Journal of Obesity & Weight Loss Therapy, 2013, 03, .	0.1	3
189	Ursodeoxycholic Acid Ameliorates Pain Severity and Cartilage Degeneration in Monosodium lodoacetate-Induced Osteoarthritis in Rats. Immune Network, 2014, 14, 45.	1.6	24
190	Ultrasound Can Detect Macroscopically Undetectable Changes in Osteoarthritis Reflecting the Superficial Histological and Biochemical Degeneration: Ex Vivo Study of Rabbit and Human Cartilage. PLoS ONE, 2014, 9, e89484.	1.1	12
191	Effectiveness, Medication Patterns, and Adverse Events of Traditional Chinese Herbal Patches for Osteoarthritis: A Systematic Review. Evidence-based Complementary and Alternative Medicine, 2014, 2014, 1-17.	0.5	9
192	Osteochondral Lesion of the Bilateral Femoral Heads in a Young Athletic Patient. Korean Journal of Radiology, 2014, 15, 792.	1.5	5
193	CTGF increases vascular endothelial growth factor-dependent angiogenesis in human synovial fibroblasts by increasing miR-210 expression. Cell Death and Disease, 2014, 5, e1485-e1485.	2.7	122
194	Association between hypoxia-inducible factor-1a levels in serum and synovial fluid with the radiographic severity of knee osteoarthritis. Genetics and Molecular Research, 2014, 13, 10529-10536.	0.3	10
195	Augmented pain behavioural responses to intra-articular injection of nerve growth factor in two animal models of osteoarthritis. Annals of the Rheumatic Diseases, 2014, 73, 1710-1718.	0.5	81
196	Cross-sectional and longitudinal associations between systemic, subchondral bone mineral density and knee cartilage thickness in older adults with or without radiographic osteoarthritis. Annals of the Rheumatic Diseases, 2014, 73, 2003-2009.	0.5	41
197	The Role of <i>Radiology </i> in the Evolution of the Understanding of Articular Disease. Radiology, 2014, 273, S1-S22.	3.6	18
198	Osteoarthritis Classification Scales: Interobserver Reliability and Arthroscopic Correlation. Journal of Bone and Joint Surgery - Series A, 2014, 96, 1145-1151.	1.4	129
199	Stimulation of Chondrogenic Differentiation of Adult Human Bone Marrow-Derived Stromal Cells by a Moderate-Strength Static Magnetic Field. Tissue Engineering - Part A, 2014, 20, 1612-1620.	1.6	58
200	Lifestyle modifications to improve musculoskeletal and bone health and reduce disability – A life-course approach. Best Practice and Research in Clinical Rheumatology, 2014, 28, 461-478.	1.4	10
201	Changes in synovial fluid biomarkers and clinical efficacy of intra-articular injections of hyaluronic acid for patients with knee osteoarthritis. Journal of Experimental Orthopaedics, 2014, 1, 16.	0.8	20
202	The Use of Platelet-Rich Plasma for the Treatment of Osteoarthritis. Physician and Sportsmedicine, 2014, 42, 53-62.	1.0	16

#	ARTICLE	IF	CITATIONS
203	Resultados clÃnicos de pacientes intervenidos con reemplazos articulares de cadera y rodilla en la ClÃnica Soma, año 2010. Revista Colombiana De Ortopedia Y TraumatologÃa, 2014, 28, 4-8.	0.0	2
204	Musculoskeletal Health in Women. , 2014, , .		1
205	QUADRICEPS STRENGTH, KNEE PAIN AND FUNCTIONAL PERFORMANCE WITH PATELLAR TAPING IN KNEE OSTEOARTHRITIS. Journal of Musculoskeletal Research, 2014, 17, 1450014.	0.1	3
206	Intra-articular hyaluronic acid injection versus oral non-steroidal anti-inflammatory drug for the treatment of knee osteoarthritis: a multi-center, randomized, open-label, non-inferiority trial. Arthritis Research and Therapy, 2014, 16, R18.	1.6	60
207	Does obesity affect knee cartilage? A systematic review of magnetic resonance imaging data. Obesity Reviews, 2014, 15, 143-157.	3.1	31
208	Oral and topical boswellic acid attenuates mouse osteoarthritis. Osteoarthritis and Cartilage, 2014, 22, 128-132.	0.6	33
209	Hip Magnetic Resonance Imaging. , 2014, , .		1
210	Osteoarthritis of the knee: multicompartmental or compartmental disease?. Rheumatology, 2014, 53, 540-546.	0.9	13
211	NSAID-sparing effect of glucosamine hydrochloride in patients with knee osteoarthritis: an analysis of data from a French database. Current Medical Research and Opinion, 2014, 30, 271-277.	0.9	8
212	Discovery of a benzimidazole series of ADAMTS-5 (aggrecanase-2) inhibitors by scaffold hopping. European Journal of Medicinal Chemistry, 2014, 71, 250-258.	2.6	15
213	Osteoarthritis Pathogenesis: A Review of Molecular Mechanisms. Calcified Tissue International, 2014, 95, 495-505.	1.5	311
214	3D-isotropic high-resolution morphological imaging and quantitative T2 mapping as biomarkers for gender related differences after matrix-associated autologous chondrocyte transplantation (MACT). Journal of Orthopaedic Research, 2014, 32, 1341-1348.	1.2	3
215	Dextrose and Morrhuate Sodium Injections (Prolotherapy) for Knee Osteoarthritis: A Prospective Open-Label Trial. Journal of Alternative and Complementary Medicine, 2014, 20, 383-391.	2.1	20
216	Effect of S-methylisothiourea, an inducible nitric oxide synthase inhibitor, in joint pain and pathology in surgically induced model of osteoarthritis. Connective Tissue Research, 2014, 55, 367-377.	1.1	13
217	Potential interaction of experimental knee pain and laterally wedged insoles for knee off-loading during walking. Clinical Biomechanics, 2014, 29, 848-854.	0.5	5
218	Potential role of the posterior cruciate ligament synovio-entheseal complex in joint effusion in early osteoarthritis: a magnetic resonance imaging and histological evaluation of cadaveric tissue and data from the Osteoarthritis Initiative. Osteoarthritis and Cartilage, 2014, 22, 1310-1317.	0.6	8
219	Popliteal cysts and subgastrocnemius bursitis are associated with knee symptoms and structural abnormalities in older adults: a cross-sectional study. Arthritis Research and Therapy, 2014, 16, R59.	1.6	13
220	Effect of intra-articular injection of mesenchymal stem cells in cartilage repair in experimental animals. Egyptian Rheumatologist, 2014, 36, 179-186.	0.5	10

#	Article	IF	CITATIONS
221	The degeneration and destruction of femoral articular cartilage shows a greater degree of deterioration than that of the tibial and patellar articular cartilage in early stage knee osteoarthritis: a cross-sectional study. Osteoarthritis and Cartilage, 2014, 22, 1583-1589.	0.6	42
222	Degree of synovitis on MRI by comprehensive whole knee semi-quantitative scoring method correlates with histologic and macroscopic features of synovial tissue inflammation in knee osteoarthritis. Osteoarthritis and Cartilage, 2014, 22, 1606-1613.	0.6	51
223	Retropatellar fat pad–derived stem cells from older osteoarthritic patients have lesser differentiation capacity and expression of stemness genes. Cytotherapy, 2014, 16, 599-611.	0.3	13
224	Osteopathy and Low Back Pain, Acupuncture and in Vitro Fertilization, Tai Chi and Osteoarthritis, Andrographis Paniculata and Ulcerative Colitis, and Acupressure and Vertigo. Explore: the Journal of Science and Healing, 2014, 10, 62-66.	0.4	0
225	Effectiveness of acupressure versus isometric exercise on pain, stiffness, and physical function in knee osteoarthritis female patients. Journal of Advanced Research, 2014, 5, 193-200.	4.4	18
226	Weak associations between structural changes on MRI and symptoms, function and muscle strength in relation to knee osteoarthritis. Knee Surgery, Sports Traumatology, Arthroscopy, 2014, 22, 2013-2025.	2.3	41
227	Stem cell application for osteoarthritis in the knee joint: A minireview. World Journal of Stem Cells, 2014, 6, 629.	1.3	36
228	TGF-Î ² signaling and the development of osteoarthritis. Bone Research, 2014, 2, .	5.4	184
229	Correlation between sialic acid levels in the synovial fluid and the radiographic severity of knee osteoarthritis. Experimental and Therapeutic Medicine, 2014, 8, 255-259.	0.8	7
230	Duhuo Jisheng Decoction-containing serum promotes proliferation of interleukin- 1^2 -induced chondrocytes through the p16-cyclin D1/CDK4-Rb pathway. Molecular Medicine Reports, 2014, 10, 2525-2534.	1.1	13
231	Accuracy of ultrasound-guided intra-articular injections in guinea pig knees. Bone and Joint Research, 2015, 4, 1-5.	1.3	5
232	Activating enhancer binding protein 2 epsilon (AP-2 $\hat{l}\mu$)-deficient mice exhibit increased matrix metalloproteinase 13 expression and progressive osteoarthritis development. Arthritis Research and Therapy, 2015, 17, 119.	1.6	10
233	Knee Manual Therapy for Aging and Older Adults. Topics in Geriatric Rehabilitation, 2015, 31, 203-210.	0.2	1
234	Coupling Freshly Isolated CD44 ⁺ Infrapatellar Fat Padâ€Derived Stromal Cells with a TGFâ€Î²3 Eluting Cartilage ECMâ€Derived Scaffold as a Singleâ€Stage Strategy for Promoting Chondrogenesis. Advanced Healthcare Materials, 2015, 4, 1043-1053.	3.9	67
235	Degenerative Changes in Lumbar Region Always Lead to Bilateral Degenerative Changes in Knee-Joints and Vice-Versa: Sensation of Pain Cannot Only be The Parameter of Degeneration. Anatomy & Physiology: Current Research, 2015, s4, .	0.1	1
236	Mediopatellar Plica as a Risk Factor for Knee Osteoarthritis?. Chinese Medical Journal, 2015, 128, 277-278.	0.9	7
237	An Analysis of Different Types of Arthritis with Joint Effusions among Kashmiri Population in a Tertiary Care Hospital International Journal of Biomedical Research, 2015, 6, 274.	0.1	2
238	Efficacy of Intra-Articular Autologous Platelet Rich Plasma Application in Knee Osteoarthritis. Archives of Rheumatology, 2015, 30, 198-205.	0.3	9

#	Article	IF	CITATIONS
239	Effects of resistance training in older women with knee osteoarthritis and total knee arthroplasty. Clinics, 2015, 70, 7-13.	0.6	15
240	Serum Metabolites as Potential Biomarkers for Diagnosis of Knee Osteoarthritis. Disease Markers, 2015, 2015, 1-7.	0.6	34
241	Chinese Herbal Bath Therapy for the Treatment of Knee Osteoarthritis: Meta-Analysis of Randomized Controlled Trials. Evidence-based Complementary and Alternative Medicine, 2015, 2015, 1-12.	0.5	16
242	The Conservative Management of Osteoarthritis — Hyaluronic Acid, Platelet Rich Plasma or the Combination?. , 0, , .		4
243	Validity and responsiveness of a new measure of knee osteophytes for osteoarthritis studies: data from the osteoarthritis initiative. Osteoarthritis and Cartilage, 2015, 23, 2199-2205.	0.6	12
244	Effect of Huqian Wan on liver-Yin and kidney-Yin deficiency patterns in patients with knee osteoarthritis. Journal of Traditional Chinese Medicine = Chung I Tsa Chih Ying Wen Pan / Sponsored By All-China Association of Traditional Chinese Medicine, Academy of Traditional Chinese Medicine, 2015. 35, 417-421.	0.4	5
245	High resolution volume quantification of the knee joint space based on a semi-automatic segmentation of computed tomography images. , 2015 , , .		3
246	Blood-Induced Arthropathy in Hemophilia: Mechanisms and Heterogeneity. Seminars in Thrombosis and Hemostasis, 2015, 41, 832-837.	1.5	31
247	Traditional Chinese medicine in patients with osteoarthritis ofÂtheÂknee. Journal of Traditional and Complementary Medicine, 2015, 5, 182-196.	1.5	40
248	Activation of a7 Nicotinic Acetylcholine Receptors Prevents Monosodium Iodoacetate-Induced Osteoarthritis in Rats. Cellular Physiology and Biochemistry, 2015, 35, 627-638.	1.1	26
249	Effect of Weight Maintenance on Symptoms of Knee Osteoarthritis in Obese Patients: A Twelveâ€Month Randomized Controlled Trial. Arthritis Care and Research, 2015, 67, 640-650.	1.5	79
250	Bone marrow lesions, subchondral bone cysts and subchondral bone attrition are associated with histological synovitis in patients with end-stage knee osteoarthritis: a cross-sectional study. Osteoarthritis and Cartilage, 2015, 23, 1858-1864.	0.6	50
251	Chondropenia: current concept review. Musculoskeletal Surgery, 2015, 99, 189-200.	0.7	26
252	Changes in self-reported disability after performance-based tests in obese and non-obese individuals diagnosed with osteoarthritis of the knee. Disability and Rehabilitation, 2015, 37, 1152-1161.	0.9	9
253	Effect of l-carnitine supplementation on clinical symptoms in women with osteoarthritis of the knee: A randomized, double-blind, placebo-controlled trial. European Journal of Integrative Medicine, 2015, 7, 540-546.	0.8	5
254	Conventional medical therapy for osteoarthritis. Current Opinion in Rheumatology, 2015, 27, 312-317.	2.0	9
255	Association of Pain in Knee Osteoarthritis With Distinct Patterns of Synovitis. Arthritis and Rheumatology, 2015, 67, 733-740.	2.9	57
256	The disease-modifying effect of dehydroepiandrosterone in different stages of experimentally induced osteoarthritis: a histomorphometric study. BMC Musculoskeletal Disorders, 2015, 16, 178.	0.8	12

#	Article	IF	CITATIONS
257	Association between serum vitamin D status and health-related quality of life (HRQOL) in an older Korean population with radiographic knee osteoarthritis: data from the Korean national health and nutrition examination survey (2010–2011). Health and Quality of Life Outcomes, 2015, 13, 48.	1.0	17
258	Ultrasound guided intra-articular ketorolac versus corticosteroid injection in osteoarthritis of the hip: a retrospective comparative study. Skeletal Radiology, 2015, 44, 1333-1340.	1.2	35
259	Berberine attenuates CCN2-induced IL- $1\hat{l}^2$ expression and prevents cartilage degradation in a rat model of osteoarthritis. Toxicology and Applied Pharmacology, 2015, 289, 20-29.	1.3	57
260	RANTES and SDF-1 Are Keys in Cell-based Therapy of TMJ Osteoarthritis. Journal of Dental Research, 2015, 94, 1601-1609.	2.5	54
261	Bioinformatics analysis of gene expression profiles of osteoarthritis. Acta Histochemica, 2015, 117, 40-46.	0.9	9
262	Normalization of Varus/Valgus Deformities in Osteoarthritis by External Application of Phytoconstituents: Confirmed With Anatomical Observations and Biochemical Profiles and Radiological Images. Anatomy & Physiology: Current Research, 2016, 06, .	0.1	2
263	Aerobic training modulates T cell activation in elderly women with knee osteoarthritis. Brazilian Journal of Medical and Biological Research, 2016, 49, e5181.	0.7	11
264	The Overexpression of NALP3 Inflammasome in Knee Osteoarthritis Is Associated with Synovial Membrane Prolidase and NADPH Oxidase 2. Oxidative Medicine and Cellular Longevity, 2016, 2016, 1-7.	1.9	46
265	Matrilin-3 Role in Cartilage Development and Osteoarthritis. International Journal of Molecular Sciences, 2016, 17, 590.	1.8	24
266	Increased Serum Levels of IL-17A and IL-23 Are Associated with Decreased Vitamin D3 and Increased Pain in Osteoarthritis. PLoS ONE, 2016, 11, e0164757.	1.1	48
267	A New Application of Parallel Synthesis Strategy for Discovery of Amide-Linked Small Molecules as Potent Chondroprotective Agents in TNF-α-Stimulated Chondrocytes. PLoS ONE, 2016, 11, e0149317.	1.1	7
268	Effect of normal gait on in vivo tibiofemoral cartilage strains. Journal of Biomechanics, 2016, 49, 2870-2876.	0.9	50
269	Parameters of knee isokinetic dynamometry in individuals with acromegaly: Association with growth hormone levels and general fatigue. Isokinetics and Exercise Science, 2016, 24, 331-340.	0.2	12
270	Identification of <i>IL-7</i> as a candidate disease mediator in osteoarthritis in Chinese Han population: a case-control study. Rheumatology, 2016, 55, 1681-1685.	0.9	11
272	Rehabilitation (exercise and strength training) and osteoarthritis: A critical narrative review. Annals of Physical and Rehabilitation Medicine, 2016, 59, 190-195.	1.1	80
273	Qualitative Assessment of Patients Receiving Prolotherapy for Knee Osteoarthritis in a Multimethod Study. Journal of Alternative and Complementary Medicine, 2016, 22, 983-989.	2.1	12
274	Wedged Insoles and Gait in Patients with Knee Osteoarthritis: A Biomechanical Review. Annals of Biomedical Engineering, 2016, 44, 3173-3185.	1.3	19
275	Resveratrol, a natural antioxidant, protects monosodium iodoacetate-induced osteoarthritic pain in rats. Biomedicine and Pharmacotherapy, 2016, 83, 763-770.	2.5	49

#	Article	IF	CITATIONS
276	Key components and potential benefits of a comprehensive approach to women's musculoskeletal health. Physician and Sportsmedicine, 2016, 44, 417-424.	1.0	11
277	Expression profile of cytokines and chemokines in osteoarthritis patients: Proinflammatory roles for CXCL8 and CXCL11 to chondrocytes. International Immunopharmacology, 2016, 40, 16-23.	1.7	40
278	Reduced knee adduction moments for management of knee osteoarthritis:. Gait and Posture, 2016, 50, 60-68.	0.6	16
279	Low-grade inflammation as a key mediator of the pathogenesis of osteoarthritis. Nature Reviews Rheumatology, 2016, 12, 580-592.	3.5	917
280	TNF- $\hat{l}\pm$ concentrations in pre-operative synovial fluid for predicting early post-operative function and pain after fast-track total knee arthroplasty. Knee, 2016, 23, 1044-1048.	0.8	14
281	Do early life factors affect the development of knee osteoarthritis in later life: a narrative review. Arthritis Research and Therapy, 2016, 18, 202.	1.6	57
282	Intra-articular injection of two different doses of autologous bone marrow mesenchymal stem cells versus hyaluronic acid in the treatment of knee osteoarthritis: multicenter randomized controlled clinical trial (phase I/II). Journal of Translational Medicine, 2016, 14, 246.	1.8	238
283	Current research on pharmacologic and regenerative therapies for osteoarthritis. Bone Research, 2016, 4, 15040.	5 . 4	355
284	Coordinate and synergistic effects of extensive treadmill exercise and ovariectomy on articular cartilage degeneration. BMC Musculoskeletal Disorders, 2016, 17, 238.	0.8	11
285	Effect on Pain and Symptoms of Aspiration Before Hyaluronan Injection for Knee Osteoarthritis. American Journal of Physical Medicine and Rehabilitation, 2016, 95, 366-371.	0.7	13
286	Osteoarthritis as a Cause of Locomotive Syndrome: Its Influence on Functional Mobility and Activities of Daily Living. Clinical Reviews in Bone and Mineral Metabolism, 2016, 14, 77-104.	1.3	10
287	Experimental Study for Dynamic and Surface Interaction Characteristics of Knee In-vitro. Procedia Engineering, 2016, 144, 321-327.	1.2	0
288	Knee dysfunction in the general population and associated factors. CirugÃa Y Cirujanos (English) Tj ETQq0 0 0 rg	BT/Overlo	ock 10 Tf 50 2
289	What's new in osteoarthritis pathogenesis?. Internal Medicine Journal, 2016, 46, 229-236.	0.5	18
290	Traditional Chinese Medications for Knee Osteoarthritis Pain: A Meta-Analysis of Randomized Controlled Trials. The American Journal of Chinese Medicine, 2016, 44, 677-703.	1.5	57
291	Antidepressants for osteoarthritis. The Cochrane Library, 0, , .	1.5	4
292	The offspring of people with a total knee replacement for severe primary knee osteoarthritis have a higher risk of worsening knee pain over 8â€years. Annals of the Rheumatic Diseases, 2016, 75, 368-373.	0.5	15
293	Final results of a phase l–II trial using ex vivo expanded autologous Mesenchymal Stromal Cells for the treatment of osteoarthritis of the knee confirming safety and suggesting cartilage regeneration. Knee, 2016, 23, 647-654.	0.8	139

#	Article	IF	CITATIONS
294	Characterization of synovial mast cells in knee osteoarthritis: association with clinical parameters. Osteoarthritis and Cartilage, 2016, 24, 664-671.	0.6	89
295	Differential effects of tyrosine-rich amelogenin peptide on chondrogenic and osteogenic differentiation of adult chondrocytes. Cell and Tissue Research, 2016, 364, 219-224.	1.5	4
296	Cost-effectiveness analysis of arthroscopic surgery compared with non-operative management for osteoarthritis of the knee. BMJ Open, 2016, 6, e009949.	0.8	54
297	Electroacupuncture Protects against Articular Cartilage Erosion by Inhibiting Mitogen-Activated Protein Kinases in a Rat Model of Osteoarthritis. Acupuncture in Medicine, 2016, 34, 290-295.	0.4	21
298	Endothelin-1 concentrations are correlated with the severity of knee osteoarthritis. Journal of Investigative Medicine, 2016, 64, 872-874.	0.7	9
299	Radiographic progression of knee osteoarthritis is associated with MRI abnormalities in both the patellofemoral and tibiofemoral joint. Osteoarthritis and Cartilage, 2016, 24, 473-479.	0.6	17
300	Fibrin hydrogels functionalized with cartilage extracellular matrix and incorporating freshly isolated stromal cells as an injectable for cartilage regeneration. Acta Biomaterialia, 2016, 36, 55-62.	4.1	133
301	Exploring reasons for the observed inconsistent trial reports on intra-articular injections with hyaluronic acid in the treatment of osteoarthritis: Meta-regression analyses of randomized trials. Seminars in Arthritis and Rheumatism, 2016, 46, 34-48.	1.6	27
302	Discovery of <i>N</i> -(4-Fluoro-3-methoxybenzyl)-6-(2-(((2 <i>S</i> ,5 <i>R</i>)-5-(hydroxymethyl)-1,4-dioxan-2-yl)methyl)-2 <i 2016,="" 313-327.<="" 59,="" a="" and="" bioavailable="" chemistry,="" for="" highly="" inhibitor="" journal="" matrix="" medicinal="" metalloproteinase-13="" of="" orally="" osteoarthritis.="" potential="" selective="" td="" the="" treatment=""><td>>H<u>s/j</u>>-tet</td><td>razol-5-yl)-2-r</td></i>	>H <u>s/j</u> >-tet	razol-5-yl)-2-r
303	Wnts talking with the TGF \hat{l}^2 superfamily: WISPers about modulation of osteoarthritis. Rheumatology, 2016, 55, 1536-1547.	0.9	28
304	Effect of Liquid Crystals on Biological Mechanisms of Reducing Joint Friction. Biological and Medical Physics Series, 2016, , 123-166.	0.3	1
305	The 2- and 8-week effects of decompressive brace use in people with medial compartment knee osteoarthritis. Prosthetics and Orthotics International, 2016, 40, 447-453.	0.5	15
306	Kinematics of meniscal―and ACLâ€ŧransected mouse knees during controlled tibial compressive loading captured using roentgen stereophotogrammetry. Journal of Orthopaedic Research, 2017, 35, 353-360.	1.2	14
307	Inflammation and epigenetic regulation in osteoarthritis. Connective Tissue Research, 2017, 58, 49-63.	1.1	164
308	Perlecan is required for the chondrogenic differentiation of synovial mesenchymal cells through regulation of Sox9 gene expression. Journal of Orthopaedic Research, 2017, 35, 837-846.	1.2	27
309	Harpagoside suppresses ILâ€6 expression in primary human osteoarthritis chondrocytes. Journal of Orthopaedic Research, 2017, 35, 311-320.	1,2	67
310	Osteoarthritis: toward a comprehensive understanding of pathological mechanism. Bone Research, 2017, 5, 16044.	5.4	731
311	CXCR3/CXCL10 Axis Regulates Neutrophil–NK Cell Cross-Talk Determining the Severity of Experimental Osteoarthritis. Journal of Immunology, 2017, 198, 2115-2124.	0.4	61

#	Article	IF	CITATIONS
312	Osteoarthritis: More than Cartilage Degeneration. Clinical Reviews in Bone and Mineral Metabolism, 2017, 15, 69-81.	1.3	15
313	CCL2/CCR2, but not CCL5/CCR5, mediates monocyte recruitment, inflammation and cartilage destruction in osteoarthritis. Annals of the Rheumatic Diseases, 2017, 76, 914-922.	0.5	277
314	Moxibustion versus diclofenac sodium gel for the treatment of knee osteoarthritis: a study protocol for a double-blinded, double-placebo, randomised controlled trial. BMJ Open, 2017, 7, e012879.	0.8	3
315	Intra-osseous local anaesthetic patellar pain catheter suppresses osteoarthritic patello-femoral pain. Knee, 2017, 24, 882-889.	0.8	1
316	Pulsed electromagnetic field ameliorates cartilage degeneration by inhibiting mitogen-activated protein kinases in a rat model of osteoarthritis. Physical Therapy in Sport, 2017, 24, 32-38.	0.8	15
317	Low-Density Lipoprotein Receptor-Related Proteins in Skeletal Development and Disease. Physiological Reviews, 2017, 97, 1211-1228.	13.1	27
318	From intricate to integrated: Biofabrication of articulating joints. Journal of Orthopaedic Research, 2017, 35, 2089-2097.	1.2	35
319	Deletion of Runx2 in Articular Chondrocytes Decelerates the Progression of DMM-Induced Osteoarthritis in Adult Mice. Scientific Reports, 2017, 7, 2371.	1.6	74
320	Porous Scaffolds Derived from Devitalized Tissue Engineered Cartilaginous Matrix Support Chondrogenesis of Adult Stem Cells. ACS Biomaterials Science and Engineering, 2017, 3, 1075-1082.	2.6	13
321	Effect of Tai Ji Quan training on self-reported sleep quality in elderly Chinese women with knee osteoarthritis: a randomized controlled trail. Sleep Medicine, 2017, 33, 70-75.	0.8	42
322	The potential of induced pluripotent stem cells as a tool to study skeletal dysplasias and cartilage-related pathologic conditions. Osteoarthritis and Cartilage, 2017, 25, 616-624.	0.6	17
323	Preoperative timed single leg standing time is associated with the postoperative activity of daily living in aged disabled patients with end-stage knee osteoarthritis at six-months after undergoing total knee arthroplasty. Modern Rheumatology, 2017, 27, 326-331.	0.9	4
324	A Bayesian Approach to Ageâ€atâ€Death Estimation from Osteoarthritis of the Shoulder in Modern North Americans. Journal of Forensic Sciences, 2017, 62, 573-584.	0.9	20
325	The association of knee structural pathology with pain at the knee is modified by pain at other sites in those with knee osteoarthritis. Clinical Rheumatology, 2017, 36, 2549-2555.	1.0	5
326	Simulation of Subject-Specific Progression of Knee Osteoarthritis and Comparison to Experimental Follow-up Data: Data from the Osteoarthritis Initiative. Scientific Reports, 2017, 7, 9177.	1.6	37
327	The cross-sectional and longitudinal effect of hyperlipidemia on knee osteoarthritis: Results from the Dongfeng-Tongji cohort in China. Scientific Reports, 2017, 7, 9739.	1.6	21
328	WISP1/CCN4 aggravates cartilage degeneration in experimental osteoarthritis. Osteoarthritis and Cartilage, 2017, 25, 1900-1911.	0.6	34
330	Relationship between Kellgren-Lawrence score and 3D kinematic gait analysis of patients with medial knee osteoarthritis using a new gait system. Scientific Reports, 2017, 7, 4080.	1.6	32

#	Article	IF	CITATIONS
331	Anemonin attenuates osteoarthritis progression through inhibiting the activation of <scp> L< scp>â€1β <scp>NF< scp>â€PB pathway. Journal of Cellular and Molecular Medicine, 2017, 21, 3231-3243.</scp></scp>	1.6	34
332	Hydrotherapy improves pain and function in older women with knee osteoarthritis: a randomized controlled trial. Brazilian Journal of Physical Therapy, 2017, 21, 449-456.	1.1	39
333	New approach for predictive measurement of knee cartilage defects with three-dimensional printing based on CT-arthrography: A feasibility study. Journal of Orthopaedics, 2017, 14, 95-103.	0.6	4
334	Anisotropic Shape-Memory Alginate Scaffolds Functionalized with Either Type I or Type II Collagen for Cartilage Tissue Engineering. Tissue Engineering - Part A, 2017, 23, 55-68.	1.6	57
335	Hedgehog signal expression in articular cartilage of rat temporomandibular joint and association with adjuvantâ€induced osteoarthritis. Journal of Oral Pathology and Medicine, 2017, 46, 284-291.	1.4	14
336	P2X3 and P2X2/3 Receptors Play a Crucial Role in Articular Hyperalgesia Development Through Inflammatory Mechanisms in the Knee Joint Experimental Synovitis. Molecular Neurobiology, 2017, 54, 6174-6186.	1.9	38
337	Therapeutic mechanisms of ibuprofen, prednisone and betamethasone in osteoarthritis. Molecular Medicine Reports, 2017, 15, 981-987.	1.1	19
338	Knee Osteoarthritis., 2017,, 251-255.		0
339	Acute Monoarthritis., 2017,, 605-614.		1
340	Vitamin D Supplementation Improves Quality of Life and Physical Performance in Osteoarthritis Patients. Nutrients, 2017, 9, 799.	1.7	80
341	Radial extracorporeal shock wave therapy for disabling pain due to severe primary knee osteoarthritis. Journal of Rehabilitation Medicine, 2017, 49, 54-62.	0.8	49
342	MicroRNAs and Autophagy: Fine Players in the Control of Chondrocyte Homeostatic Activities in Osteoarthritis. Oxidative Medicine and Cellular Longevity, 2017, 2017, 1-16.	1.9	32
343	The effect of changing condition of walking speed on the knee angle of rats with osteoarthritis. Journal of Physical Therapy Science, 2017, 29, 1387-1389.	0.2	1
344	Association of anterior cruciate ligament injury with knee osteoarthritis and total knee replacement: A retrospective cohort study from the Taiwan National Health Insurance Database. PLoS ONE, 2017, 12, e0178292.	1.1	18
345	Intra-articular injection of expanded autologous bone marrow mesenchymal cells in moderate and severe knee osteoarthritis is safe: a phase I/II study. Journal of Orthopaedic Surgery and Research, 2017, 12, 190.	0.9	103
346	CX3CL1 promotes MMP-3 production via the CX3CR1, c-Raf, MEK, ERK, and NF-κB signaling pathway in osteoarthritis synovial fibroblasts. Arthritis Research and Therapy, 2017, 19, 282.	1.6	66
347	Serum microRNA array analysis identifies miR-140-3p, miR-33b-3p and miR-671-3p as potential osteoarthritis biomarkers involved in metabolic processes. Clinical Epigenetics, 2017, 9, 127.	1.8	114
348	Association of medial meniscal extrusion with medial tibial osteophyte distance detected by T2 mapping MRI in patients with early-stage knee osteoarthritis. Arthritis Research and Therapy, 2017, 19, 201.	1.6	57

#	ARTICLE	IF	CITATIONS
349	Effects of Motor Learning on Clinical Isokinetic Test Performance in Knee Osteoarthritis Patients. Clinics, 2017, 72, 202-206.	0.6	4
350	Enumeration and Localization of Mesenchymal Progenitor Cells and Macrophages in Synovium from Normal Individuals and Patients with Pre-Osteoarthritis or Clinically Diagnosed Osteoarthritis. International Journal of Molecular Sciences, 2017, 18, 774.	1.8	31
351	Identification of key mRNAs and microRNAs in the pathogenesis and progression of osteoarthritis using microarray analysis. Molecular Medicine Reports, 2017, 16, 5659-5666.	1.1	6
352	Anterior Cruciate Ligament Transection–Induced Cellular and Extracellular Events in Menisci: Implications for Osteoarthritis. American Journal of Sports Medicine, 2018, 46, 1185-1198.	1.9	61
353	A caseâ€control study and metaâ€analysis reveal the association between <i><scp>COX</scp>â€2Â</i> Gâ€₹65C polymorphism and primary endâ€stage hip and knee osteoarthritis. Journal of Clinical Laboratory Analysis, 2018, 32, e22412.	0.9	3
354	Distinct metabolic programs induced by TGF \hat{l}^21 and BMP2 in human articular chondrocytes with osteoarthritis. Journal of Orthopaedic Translation, 2018, 12, 66-73.	1.9	46
357	Clinical effectiveness of patella mobilisation therapy versus a waiting list control for knee osteoarthritis: a protocol for a pragmatic randomised clinical trial. BMJ Open, 2018, 8, e019103.	0.8	9
358	Two cycles of plasma rich in growth factors (PRGF-Endoret) intra-articular injections improve stiffness and activities of daily living but not pain compared to one cycle on patients with symptomatic knee osteoarthritis. Knee Surgery, Sports Traumatology, Arthroscopy, 2018, 26, 2615-2621.	2.3	14
359	Aqueous extract of Codium fragile alleviates osteoarthritis through the MAPK/NF- \hat{l}^2 B pathways in IL- $\hat{1}^2$ -induced rat primary chondrocytes and a rat osteoarthritis model. Biomedicine and Pharmacotherapy, 2018, 97, 264-270.	2.5	41
360	Ropivacaine relieves pain and prevents chondrocyte degradation probably through Calcineurin/NFAT1 signaling pathway in osteoarthritis rats. European Journal of Pharmacology, 2018, 818, 518-524.	1.7	7
361	Clinical efficacy of resveratrol as an adjuvant with meloxican in the treatment of knee osteoarthritis patients: A double-blind, randomised, placebo-controlled trial. Brazilian Journal of Pharmaceutical Sciences, 2018, 54, .	1.2	5
362	The role of ferritin and adiponectin as predictors of cartilage damage assessed by arthroscopy in patients with symptomatic knee osteoarthritis. Best Practice and Research in Clinical Rheumatology, 2018, 32, 662-668.	1.4	25
363	Symptoms and physical findings of early knee osteoarthritis. Annals of Joint, 2018, 3, 79-79.	1.0	0
364	Clinic-Based Patellar Mobilization Therapy for Knee Osteoarthritis: A Randomized Clinical Trial. Annals of Family Medicine, 2018, 16, 521-529.	0.9	14
365	Stimulation of tolerogenic dendritic cells using dexamethasone and 1,25‑dihydroxyvitamin D3 represses autologous T cell activation and chondrocyte inflammation. Experimental and Therapeutic Medicine, 2018, 17, 679-688.	0.8	8
366	Threeâ€dimensional mapping of the joint space for the diagnosis of knee osteoarthritis based on high resolution computed tomography: Comparison with radiographic, outerbridge, and meniscal classifications. Journal of Orthopaedic Research, 2018, 36, 2380-2391.	1.2	7
367	Work-related outcomes in randomized, double blind, placebo-controlled trials in osteoarthritis – are they adequately reported in journal publications? A systematic review. Journal of Occupational Medicine and Toxicology, 2018, 13, 32.	0.9	2
368	Cultures of a human synovial cell line to evaluate platelet-rich plasma and hyaluronic acid effects. Journal of Tissue Engineering and Regenerative Medicine, 2018, 12, 1835-1842.	1.3	9

#	Article	IF	CITATIONS
369	DEL1 protects against chondrocyte apoptosis through integrin binding. Journal of Surgical Research, 2018, 231, 1-9.	0.8	12
370	Efficacy of intra-articular hypertonic dextrose prolotherapy versus normal saline for knee osteoarthritis: a protocol for a triple-blinded randomized controlled trial. BMC Complementary and Alternative Medicine, 2018, 18, 157.	3.7	16
371	Identification of TGFÎ ² -related genes regulated in murine osteoarthritis and chondrocyte hypertrophy by comparison of multiple microarray datasets. Bone, 2018, 116, 67-77.	1.4	6
372	Therapeutics in Osteoarthritis Based on an Understanding of Its Molecular Pathogenesis. International Journal of Molecular Sciences, 2018, 19, 674.	1.8	72
373	In Vitro and In Vivo Anti-Osteoarthritis Effects of 2,3,5,4′-Tetrahydroxystilbene-2-O-β-d-Glucoside from Polygonum Multiflorum. Molecules, 2018, 23, 571.	1.7	23
374	Down-Regulation of MiR-150 Alleviates Inflammatory Injury Induced by Interleukin 1 via Targeting Kruppel-Like Factor 2 in Human Chondrogenic Cells. Cellular Physiology and Biochemistry, 2018, 47, 2579-2588.	1.1	15
375	<i>Notoginseng Radix</i> and <i>Rehmanniae Radix Preparata</i> Extract Combination (YH23537) Reduces Pain and Cartilage Degeneration in Rats with Monosodium Iodoacetate-Induced Osteoarthritis. Journal of Medicinal Food, 2018, 21, 745-754.	0.8	19
376	High strength bubble artificial muscles for walking assistance. , 2018, , .		14
377	Does vitamin D deficiency influence the incidence and progression of knee osteoarthritis? $\hat{a} \in A$ literature review. Journal of Clinical Orthopaedics and Trauma, 2019, 10, 9-15.	0.6	27
378	Effects of therapeutic ultrasound for knee osteoarthritis: a systematic review and meta-analysis. Clinical Rehabilitation, 2019, 33, 1863-1875.	1.0	47
379	Therapeutic and Preventive Potential of Vitamin D Supplementation in Knee Osteoarthritis. ACR Open Rheumatology, 2019, $1,318-326$.	0.9	11
380	Emerging Trend in the Pharmacotherapy of Osteoarthritis. Frontiers in Endocrinology, 2019, 10, 431.	1.5	68
381	Effects of Knee Savers on the quadriceps muscle activation across deep knee bending postures. Applied Ergonomics, 2019, 80, 193-199.	1.7	2
382	The The Influence of Mesenchymal Stem Cell Wharton Jelly toward Prostaglandin E2 Gene Expression on Synoviocyte Cell Osteoarthritis. Open Access Macedonian Journal of Medical Sciences, 2019, 7, 1252-1258.	0.1	3
383	Knee Osteoarthritis and Meniscal Injuries in the Runner. Current Physical Medicine and Rehabilitation Reports, 2019, 7, 237-245.	0.3	0
384	Anticatabolic Effects of Morin through the Counteraction of Interleukin- $1\hat{1}^2$ -Induced Inflammation in Rat Primary Chondrocytes. Cells Tissues Organs, 2019, 207, 21-33.	1.3	6
386	A LINC00341â€mediated regulatory pathway supports chondrocyte survival and may prevent osteoarthritis progression. Journal of Cellular Biochemistry, 2019, 120, 10812-10820.	1.2	11
387	Arthritic Conditions Affecting the Temporomandibular Joint. , 2019, , 1919-1954.		0

#	Article	IF	CITATIONS
388	Upregulation of microRNAâ€27a inhibits synovial angiogenesis and chondrocyte apoptosis in knee osteoarthritis rats through the inhibition of PLK2. Journal of Cellular Physiology, 2019, 234, 22972-22984.	2.0	20
389	Evaluation of a Cost-Effective Novel Diagnostic Method for Lumbar Herniated Disc with Knee-Osteoarthritis: A Randomized Sample Study. Medical Sciences (Basel, Switzerland), 2019, 7, 69.	1.3	0
390	Angiopoietin-like 2 upregulation promotes human chondrocyte injury via NF-κB and p38/MAPK signaling pathway. Journal of Bone and Mineral Metabolism, 2019, 37, 976-986.	1.3	15
391	TGF-β type 2 receptor–mediated modulation of the IL-36 family can be therapeutically targeted in osteoarthritis. Science Translational Medicine, 2019, 11, .	5.8	49
392	SDF-1/CXCR4 axis coordinates crosstalk between subchondral bone and articular cartilage in osteoarthritis pathogenesis. Bone, 2019, 125, 140-150.	1.4	37
393	MiR-671 ameliorates the progression of osteoarthritis in vitro and in vivo. Pathology Research and Practice, 2019, 215, 152423.	1.0	14
394	The use of stromal vascular fraction (SVF), platelet-rich plasma (PRP) and stem cells in the treatment of osteoarthritis: an overview of clinical trials. Artificial Cells, Nanomedicine and Biotechnology, 2019, 47, 882-890.	1.9	47
395	High Mobility Group Box 1 Protein in Osteoarthritic Knee Tissue and Chondrogenic Progenitor Cells: An <i>Ex Vivo</i> and <i>In Vitro</i> Study. Cartilage, 2021, 12, 484-495.	1.4	12
396	Cartilage biomechanics: A key factor for osteoarthritis regenerative medicine. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2019, 1865, 1067-1075.	1.8	42
397	Chondrocyte Culture Parameters for Matrix-Assisted Autologous Chondrocyte Implantation Affect Catabolism and Inflammation in a Rabbit Model. International Journal of Molecular Sciences, 2019, 20, 1545.	1.8	1
398	Prosthetic Limbs. , 2019, , 235-278.		4
399	Animal Models for the Study of Bone-Derived Pain. Methods in Molecular Biology, 2019, 1914, 391-407.	0.4	6
400	Biomechanics performance in 30-s chair stand test in patients with medial knee osteoarthritis. International Journal of Human Factors and Ergonomics, 2019, 6, 319.	0.2	7
401	Bone marrow lesion is associated with disability for activities of daily living in patients with early stage knee osteoarthritis. Journal of Bone and Mineral Metabolism, 2019, 37, 529-536.	1.3	9
402	Proteoglycans isolated from the bramble shark cartilage show potential anti-osteoarthritic properties. Inflammopharmacology, 2019, 27, 175-187.	1.9	9
403	Inflammation in osteoarthritis: is it time to dampen the alarm(in) in this debilitating disease?. Clinical and Experimental Immunology, 2019, 195, 153-166.	1.1	7 9
404	miR-195 contributes to human osteoarthritis via targeting PTHrP. Journal of Bone and Mineral Metabolism, 2019, 37, 711-721.	1.3	9
405	Increased WISP1 expression in human osteoarthritic articular cartilage is epigenetically regulated and decreases cartilage matrix production. Rheumatology, 2019, 58, 1065-1074.	0.9	13

#	Article	IF	CITATIONS
406	Rehabilitation following regenerative medicine treatment for knee osteoarthritis-current concept review. Journal of Clinical Orthopaedics and Trauma, 2019, 10, 59-66.	0.6	10
407	Diagnostic performance of knee physical exam and participant-reported symptoms for MRI-detected effusion-synovitis among participants with early or late stage knee osteoarthritis: data from the Osteoarthritis Initiative. Osteoarthritis and Cartilage, 2019, 27, 80-89.	0.6	9
408	Differentiating knee pain phenotypes in older adults: a prospective cohort study. Rheumatology, 2019, 58, 274-283.	0.9	18
409	Nanoengineered biomaterials for cartilage repair. , 2019, , 39-71.		8
410	Elevated Glucose Levels Preserve Glucose Uptake, Hyaluronan Production, and Low Glutamate Release Following Interleukin- 1^2 Stimulation of Differentiated Chondrocytes. Cartilage, 2019, 10, 491-503.	1.4	15
411	Influence of early mobilization program on pain, self-reported and performance based functional measures following total knee replacement. Journal of Clinical Orthopaedics and Trauma, 2019, 10, 340-344.	0.6	13
412	Trends in knee arthroscopy utilization: a gap in knowledge translation. Knee Surgery, Sports Traumatology, Arthroscopy, 2020, 28, 439-447.	2.3	25
413	Advanced oxidation protein products increase TNF- $\hat{l}\pm$ and IL- $1\hat{l}^2$ expression in chondrocytes via NADPH oxidase 4 and accelerate cartilage degeneration in osteoarthritis progression. Redox Biology, 2020, 28, 101306.	3.9	75
414	Benefits of a Food Supplement Containing Boswellia serrata and Bromelain for Improving the Quality of Life in Patients with Osteoarthritis: A Pilot Study. Journal of Alternative and Complementary Medicine, 2020, 26, 123-129.	2.1	8
415	Stem cell-directed therapies for osteoarthritis: The promise and the practice. Stem Cells, 2020, 38, 477-486.	1.4	19
416	LncRNA ARFRP1 knockdown inhibits LPS-induced the injury of chondrocytes by regulation of NF-κB pathway through modulating miR-15a-5p/TLR4 axis Life Sciences, 2020, 261, 118429.	2.0	22
417	Collagenase treatment of cartilaginous matrix promotes fusion of adjacent cartilage. Regenerative Therapy, 2020, 15, 97-102.	1.4	1
418	TissueGene-C promotes an anti-inflammatory micro-environment in a rat monoiodoacetate model of osteoarthritis via polarization of M2 macrophages leading to pain relief and structural improvement. Inflammopharmacology, 2020, 28, 1237-1252.	1.9	35
419	Antarctic Krill Oil Ameliorates Monosodium Iodoacetate-Induced Irregularities in Articular Cartilage and Inflammatory Response in the Rat Models of Osteoarthritis. Nutrients, 2020, 12, 3550.	1.7	10
420	Impact of Endotoxins in Gelatine Hydrogels on Chondrogenic Differentiation and Inflammatory Cytokine Secretion In Vitro. International Journal of Molecular Sciences, 2020, 21, 8571.	1.8	14
421	FoxO1 is a crucial mediator of TGF- \hat{l}^2 /TAK1 signaling and protects against osteoarthritis by maintaining articular cartilage homeostasis. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 30488-30497.	3.3	62
422	Treatment and Healthcare Cost Among Patients with Hip or Knee Osteoarthritis: A Cross-sectional Study Using a Real-world Claims Database in Japan Between 2013 and 2019. Clinical Drug Investigation, 2020, 40, 1071-1084.	1.1	14
423	Baduanjin exercise for patients with knee osteoarthritis. Medicine (United States), 2020, 99, e22963.	0.4	3

#	Article	IF	CITATIONS
424	Acupotomy Therapy for Knee Osteoarthritis Pain: Systematic Review and Meta-Analysis. Evidence-based Complementary and Alternative Medicine, 2020, 2020, 1-17.	0.5	6
425	Clinical and radiographic features of spinal osteoarthritis predict long-term persistence and severity of back pain in older adults. Annals of Physical and Rehabilitation Medicine, 2022, 65, 101427.	1.1	6
426	Bone Microvasculature: Stimulus for Tissue Function and Regeneration. Tissue Engineering - Part B: Reviews, 2021, 27, 313-329.	2.5	24
427	Can low-dose methotrexate reduce effusion-synovitis and symptoms in patients with mid- to late-stage knee osteoarthritis? Study protocol for a randomised, double-blind, and placebo-controlled trial. Trials, 2020, 21, 795.	0.7	6
428	<p>Effect of Electro-Acupuncture (EA) and Manual Acupuncture (MA) on Markers of Inflammation in Knee Osteoarthritis</p> . Journal of Pain Research, 2020, Volume 13, 2171-2179.	0.8	39
429	Fraxetin inhibits interleukin- $\hat{\Pi}^2$ -induced apoptosis, inflammation, and matrix degradation in chondrocytes and protects rat cartilage in vivo. Saudi Pharmaceutical Journal, 2020, 28, 1499-1506.	1.2	18
430	Reliability and concurrent validity of three-dimensional ultrasound for quantifying knee cartilage volume. Osteoarthritis and Cartilage Open, 2020, 2, 100127.	0.9	6
431	Naproxen treatment inhibits articular cartilage loss in a rat model of osteoarthritis. Journal of Orthopaedic Research, 2020, 39, 2252-2259.	1.2	5
432	Association between statin use and incidence or progression of osteoarthritis: meta-analysis of observational studies. Osteoarthritis and Cartilage, 2020, 28, 1170-1179.	0.6	16
433	A degenerative medial meniscus retains some protective effect against osteoarthritis-induced subchondral bone changes. Bone Reports, 2020, 12, 100271.	0.2	3
434	Correlations between radiological classification systems and confirmed cartilage loss in severe knee osteoarthritis. Bone and Joint Journal, 2020, 102-B, 301-309.	1.9	22
435	Casein kinase 1 epsilon facilitates cartilage destruction in osteoarthritis through JNK pathway. FASEB Journal, 2020, 34, 6466-6478.	0.2	6
436	Serum Inflammatory Markers in Patients With Knee Osteoarthritis. Clinical Journal of Pain, 2020, 36, 229-237.	0.8	27
437	Knee Injuries in Runners. , 2020, , 197-214.		0
438	The Efficacy of Nerve Growth Factor Antibody for the Treatment of Osteoarthritis Pain and Chronic Low-Back Pain: A Meta-Analysis. Frontiers in Pharmacology, 2020, 11, 817.	1.6	17
439	Bone marrow mesenchymal stem cell-derived exosomes protect cartilage damage and relieve knee osteoarthritis pain in a rat model of osteoarthritis. Stem Cell Research and Therapy, 2020, 11, 276.	2.4	181
440	Identifying effector molecules, cells, and cytokines of innate immunity in OA. Osteoarthritis and Cartilage, 2020, 28, 532-543.	0.6	64
441	Pharmacotherapy for knee osteoarthritis: current and emerging therapies. Expert Opinion on Pharmacotherapy, 2020, 21, 797-809.	0.9	51

#	ARTICLE	IF	CITATIONS
442	Treating hand and foot osteoarthritis using a patient's own blood: A systematic review and meta-analysis of platelet-rich plasma. Journal of Orthopaedics, 2020, 18, 226-236.	0.6	18
443	Effects of tetrahedral framework nucleic acid/wogonin complexes on osteoarthritis. Bone Research, 2020, 8, 6.	5.4	67
444	Activation of innate immunity by 14-3-3 $\hat{l}\mu$, a new potential alarmin in osteoarthritis. Osteoarthritis and Cartilage, 2020, 28, 646-657.	0.6	17
445	Specific inhibition of FAK signaling attenuates subchondral bone deterioration and articular cartilage degeneration during osteoarthritis pathogenesis. Journal of Cellular Physiology, 2020, 235, 8653-8666.	2.0	16
446	FlexPro MD®, a Combination of Krill Oil, Astaxanthin and Hyaluronic Acid, Reduces Pain Behavior and Inhibits Inflammatory Response in Monosodium Iodoacetate-Induced Osteoarthritis in Rats. Nutrients, 2020, 12, 956.	1.7	20
447	Long non-coding RNA PCAT-1 regulates apoptosis of chondrocytes in osteoarthritis by sponging miR-27b-3p. Journal of Bone and Mineral Metabolism, 2021, 39, 139-147.	1.3	15
448	Orientation anisotropy of quantitative MRI parameters in degenerated human articular cartilage. Journal of Orthopaedic Research, 2021, 39, 861-870.	1.2	6
449	Osteoarthritis: Prognosis and emerging therapeutic approach for disease management. Drug Development Research, 2021, 82, 49-58.	1.4	21
450	Weight Loss Intervention Before Total Knee Replacement: A 12-Month Randomized Controlled Trial. Scandinavian Journal of Surgery, 2021, 110, 3-12.	1.3	26
451	Undenatured type II collagen prevents and treats osteoarthritis and motor function degradation in T2DM patients and db/db mice. Food and Function, 2021, 12, 4373-4391.	2.1	3
452	The effect of L-Carnitine supplementation on clinical symptoms, C-reactive protein and malondialdehyde in obese women with knee osteoarthritis: a double blind randomized controlled trial. BMC Musculoskeletal Disorders, 2021, 22, 195.	0.8	4
453	Advanced compositional imaging T2 mapping sequence in detection of stages of medial knee joint compartments articular cartilage degeneration. Egyptian Journal of Radiology and Nuclear Medicine, 2021, 52, .	0.3	0
454	Investigation of normal knees kinematics in walking and running at different speeds using a portable motion analysis system. Sports Biomechanics, 2021, , 1-14.	0.8	4
455	Extracorporeal shockwave therapy with a modified technique on tendon and ligament for knee osteoarthritis. American Journal of Physical Medicine and Rehabilitation, 2021, Publish Ahead of Print, 11-17.	0.7	3
456	ARthroscopy in Knee OsteoArthritis (ARK-OA): a multicentre study assessing compliance to national guidelines. European Journal of Orthopaedic Surgery and Traumatology, 2021, 31, 1443-1449.	0.6	3
457	Effect of Whole-Body Vibration Training on Muscle Activation for Individuals with Knee Osteoarthritis. BioMed Research International, 2021, 2021, 1-8.	0.9	9
458	Inhibition of syndecan-4 reduces cartilage degradation in murine models of osteoarthritis through the downregulation of HIF-2α by miR-96-5p. Laboratory Investigation, 2021, 101, 1060-1070.	1.7	10
459	The Efficacy and Safety of Disease-Modifying Osteoarthritis Drugs for Knee and Hip Osteoarthritis—a Systematic Review and Network Meta-Analysis. Journal of General Internal Medicine, 2021, 36, 2085-2093.	1.3	37

#	Article	IF	CITATIONS
460	New Trends in Pharmacological Treatments for Osteoarthritis. Frontiers in Pharmacology, 2021, 12, 645842.	1.6	51
461	Efficacy and safety of thunder-fire moxibustion for patients with knee osteoarthritis. Medicine (United States), 2021, 100, e25384.	0.4	O
462	Neutrophil Elastase Induces Chondrocyte Apoptosis and Facilitates the Occurrence of Osteoarthritis via Caspase Signaling Pathway. Frontiers in Pharmacology, 2021, 12, 666162.	1.6	15
463	The effect and mechanism of QufengZhitong capsule for the treatment of osteoarthritis in a rat model. Journal of Orthopaedic Translation, 2021, 28, 65-73.	1.9	5
464	PR11â€364P22.2/ATF3 protein interaction mediates ILâ€1βâ€induced catabolic effects in cartilage tissue and chondrocytes. Journal of Cellular and Molecular Medicine, 2021, 25, 6188-6202.	1.6	12
465	Enhancing the chondrogenic potential of chondrogenic progenitor cells by deleting RAB5C. IScience, 2021, 24, 102464.	1.9	1
466	Lower Limb Movement Pattern Differences Between Males and Females in Squatting and Kneeling. Journal of Applied Biomechanics, 2021, 37, 204-214.	0.3	2
467	Biomechanical joint loading mechanism of Tai Chi gait in individuals with knee osteoarthritis: A pilot simulation study. Osteoarthritis and Cartilage Open, 2021, 3, 100158.	0.9	3
468	Osteoking Decelerates Cartilage Degeneration in DMM-Induced Osteoarthritic Mice Model Through TGF-β/smad-dependent Manner. Frontiers in Pharmacology, 2021, 12, 678810.	1.6	19
469	Appendicular Lean Mass, Grip Strength, and the Development of Knee Osteoarthritis and Knee Pain Among Older Adults. ACR Open Rheumatology, 2021, 3, 566-572.	0.9	8
470	Higher psychological distress in patients seeking care for a knee disorder is associated with diagnostic discordance between health care providers: a secondary analysis of a diagnostic concordance study. BMC Musculoskeletal Disorders, 2021, 22, 650.	0.8	3
471	Impact of Preoperative and Incident Musculoskeletal Problematic Areas on Postoperative Outcomes After Total Knee Replacement. ACR Open Rheumatology, 2021, 3, 583-592.	0.9	2
472	Sexual dimorphic impact of adultâ€onset somatopause on life span and ageâ€induced osteoarthritis. Aging Cell, 2021, 20, e13427.	3.0	8
473	Comparative efficacy and safety of Chinese herbal medicine for knee osteoarthritis. Medicine (United) Tj ETQq1	1 0,78431 0.4	4 rgBT /Over
474	Mesenchymal Stem Cells: Current Concepts in the Management of Inflammation in Osteoarthritis. Biomedicines, 2021, 9, 785.	1.4	18
475	Are structural abnormalities on knee MRI associated with osteophyte development? Data from the Osteoarthritis Initiative. Osteoarthritis and Cartilage, 2021, , .	0.6	6
476	Danshensu inhibits the IL- $1\hat{l}^2$ -induced inflammatory response in chondrocytes and osteoarthritis possibly via suppressing NF- \hat{l}^2 B signaling pathway. Molecular Medicine, 2021, 27, 80.	1.9	35
477	Association between Markers of Synovial Inflammation, Matrix Turnover and Symptoms in Knee Osteoarthritis: A Cross-Sectional Study. Cells, 2021, 10, 1826.	1.8	11

#	Article	IF	Citations
478	MRIâ€Assessed Subchondral Cysts and Incident Knee Pain and Knee Osteoarthritis: data from the Multicentre Osteoarthritis Study. Arthritis and Rheumatology, 2021, , .	2.9	5
480	The role of TGF-Î ² 2 in cartilage development and diseases. Bone and Joint Research, 2021, 10, 474-487.	1.3	30
481	Polygonatum sibiricum polysaccharide inhibits IL- $1\hat{l}^2$ -induced inflammation in human chondrocytes. Food Science and Technology, 0, 42, .	0.8	5
482	The Clinical Significance of Changes in Serum New Cytokine CYTL1 in Patients with Knee Osteoarthritis. International Journal of General Medicine, 2021, Volume 14, 5105-5109.	0.8	2
483	A novel mice model of acute flares in osteoarthritis elicited by intra-articular injection of cultured mast cells. Journal of Experimental Orthopaedics, 2021, 8, 75.	0.8	5
484	Doxorubicin suppresses chondrocyte differentiation by stimulating ROS production. European Journal of Pharmaceutical Sciences, 2021, 167, 106013.	1.9	2
486	The Application of Whole-Body Vibration Training in Knee Osteoarthritis. Joint Bone Spine, 2021, 89, 105276.	0.8	4
487	Fluid Homeostasis May Predict the Prognosis of Non-infectious Fever After Total Knee Arthroplasty Within 7-Day: A Retrospective Cohort Study. Frontiers in Surgery, 2021, 8, 690803.	0.6	1
488	Application of T1rho to the Hip. , 2014, , 221-225.		1
489	Arthritic Conditions Affecting the Temporomandibular Joint. , 2017, , 1-36.		4
491	MRI Bone Segmentation Using Deformable Models and Shape Priors. Lecture Notes in Computer Science, 2008, 11, 119-126.	1.0	58
492	Increased bone tracer uptake in symptomatic patients with ACL graft insufficiency: a correlation of MRI and SPECT/CT findings. Knee Surgery, Sports Traumatology, Arthroscopy, 2018, 26, 563-573.	2.3	14
493	Gene Therapy in the Treatment of Knee Disorders. , 2012, , e4-1-e4-31.		3
494	Methylobacterium infection of an arthritic knee. JMM Case Reports, 2019, 6, e005173.	1.3	1
496	A Review of Pulsed Electromagnetic Field (PEMF) Mechanisms at a Cellular Level: A Rationale for Clinical Use. American Journal of Health Research, 2013, 1, 51.	0.3	21
497	DNA methyltransferase 3b regulates articular cartilage homeostasis by altering metabolism. JCI Insight, 2017, 2, .	2.3	55
498	Biomarkers in Osteoarthritis. , 2011, , 39-54.		4
499	Serum and Synovial Fluid Nesfatin-1 Concentration is Associated with Radiographic Severity of Knee Osteoarthritis. Medical Science Monitor, 2015, 21, 1078-1082.	0.5	17

#	Article	IF	CITATIONS
500	Correlation of Adrenomedullin Concentrations with Knee Osteoarthritis Grade. Medical Science Monitor, 2016, 22, 2775-2778.	0.5	3
501	Gremlin-1 Concentrations Are Correlated with the Severity of Knee Osteoarthritis. Medical Science Monitor, 2016, 22, 4062-4065.	0.5	15
502	Epigenetic and microRNA regulation during osteoarthritis development. F1000Research, 2015, 4, 1092.	0.8	11
503	CTGF Increases IL-6 Expression in Human Synovial Fibroblasts through Integrin-Dependent Signaling Pathway. PLoS ONE, 2012, 7, e51097.	1.1	44
504	Del1 Knockout Mice Developed More Severe Osteoarthritis Associated with Increased Susceptibility of Chondrocytes to Apoptosis. PLoS ONE, 2016, 11, e0160684.	1.1	11
505	Influence of meniscus on cartilage and subchondral bone features of knees from older individuals: A cadaver study. PLoS ONE, 2017, 12, e0181956.	1.1	12
506	A Systematic Review on Thread Embedding Therapy of Knee Osteoarthritis. Korean Journal of Acupuncture, 2018, 35, 159-165.	0.1	11
507	The Effect of Ginger on Pain and Satisfaction of Patients with Knee Osteoarthritis. Jundishapur Journal of Chronic Disease Care, 2016, 6, .	0.1	12
508	Effect of Joint Mobilization and Kinesio Taping on Pain, Range of Motion, and Knee Function in Patients with Knee Osteoarthritis. The Journal of Korean Physical Therapy, 2016, 28, 279-285.	0.1	5
509	Effect of Topical Application of Nigella Sativa Oil and Oral Acetaminophen on Pain in Elderly with Knee Osteoarthritis: A Crossover Clinical Trial. Electronic Physician, 2016, 8, 3193-3197.	0.2	27
510	Analgesic Herbal Medicines in the Treatment of Knee Osteoarthritis: A Systematic Review. Current Rheumatology Reviews, 2019, 15, 290-303.	0.4	14
511	Inhibition of oncostatin M in osteoarthritic synovial fluid enhances GAG production in osteoarthritic cartilage repair., 2013, 26, 80-90.		21
512	Correlation of synovial fluid HMGB-1 levels with radiographic severity of knee osteoarthritis. Clinical and Investigative Medicine, 2011, 34, 298.	0.3	32
513	Osteoarthritis and Management. Orthopedic Research Online Journal, 2019, 5, .	0.2	1
514	Myricetin Exerts Anti-osteoarthritic Effects in IL- $1\hat{1}^2$ Stimulated SW1353 Cells via Regulating Matrix Metalloproteinases and Modulating JNK/P38MAPK/Ap- 1 /c-Fos and JAK/STAT Signalling. International Journal of Pharmacology, 2016, 12, 440-450.	0.1	6
515	Hospital-based versus home-based proprioceptive and strengthening exercise programs in knee osteoarthritis. Acta Orthopaedica Et Traumatologica Turcica, 2010, 44, 270-277.	0.3	26
516	Effect of Cis-9-Cetylmyristoleate Containing Fatty Acids Complex Extracted from Vegetable Oils on Knee Pain in Patients with Osteoarthritis. Korean Journal of Family Medicine, 2010, 31, 16.	0.4	1
517	Evaluating higher doses of Shunthi - Guduchi formulations for safety in treatment of osteoarthritis knees: A Government of India NMITLI arthritis project. Journal of Ayurveda and Integrative Medicine, 2012, 3, 38.	0.9	14

#	Article	IF	CITATIONS
518	Quercetin prevent proteoglycan destruction by inhibits matrix metalloproteinase-9, matrix metalloproteinase-13, a disintegrin and metalloproteinase with thrombospondin motifs-5 expressions on osteoarthritis model rats. Journal of Advanced Pharmaceutical Technology and Research, 2019, 10, 2.	0.4	16
519	New horizons in osteoarthritis. Swiss Medical Weekly, 2010, 140, w13098.	0.8	35
520	Shift work and the risk of knee osteoarthritis among Chinese workers: a retrospective cohort study. Scandinavian Journal of Work, Environment and Health, 2020, 46, 152-160.	1.7	14
521	The Efficacy and Duration of Intra-articular Corticosteroid Injection for Knee Osteoarthritis: A Systematic Review of Level I Studies. Journal of the American Academy of Orthopaedic Surgeons, The, 2009, 17, 638-646.	1.1	173
522	NOD2 signaling pathway is involved in fibronectin fragment-induced pro-catabolic factor expressions in human articular chondrocytes. BMB Reports, 2019, 52, 373-378.	1.1	16
523	Recent Advances in Hip and Knee Arthroplasty. , 2012, , .		4
524	Genetic Mouse Models for Osteoarthritis Research. , 0 , , .		1
525	Complementary and Alternative Medicine and Osteoarthritis. International Journal of Integrative Medicine, $2013,1,1.$	0.7	12
526	Adding Ozone to Dextrose and Somatropin for Intra-articular Knee Prolotherapy: A Randomized Single-Blinded Controlled Trial. Anesthesiology and Pain Medicine, 2020, 10, e110277.	0.5	7
527	IgE-mediated mast cell activation promotes inflammation and cartilage destruction in osteoarthritis. ELife, 2019, 8, .	2.8	74
529	The effect of rehabilitation protocol using mobile health in overweight and obese patients with knee osteoarthritis: a clinical trial. Advances in Rheumatology, 2021, 61, 63.	0.8	14
530	Knee Osteoarthritis., 2008,, 345-353.		0
531	Complementary and Alternative Therapies. , 2008, , 89-110.		0
532	A pilot study of the primary care management of knee osteoarthritis in the Northern States of Malaysia. IIUM Medical Journal Malaysia, 2008, 7, .	0.1	0
533	NEW MRI TECHNIQUES FOR OSTEOARTHRITIS., 2009, , 151-192.		0
535	Interaction of Natural Products with Medication and Nutrients. , 2009, , 341-366.		0
537	Bone and Cartilage. , 2010, , 219-242.		0
538	Special Situations in Total Knee Arthroplasty. , 0, , .		0

#	Article	IF	CITATIONS
539	Long-Term Treatment of Osteoarthritis Pain: Achieving a Balance Between Efficacy and Tolerability for a Successful Chronic Therapy. , 0 , , .		0
540	Functional and Physiological Determinants of Perceived Disability in Individuals Diagnosed with Osteoarthritis of the Hip. International Journal of Physical Medicine & Rehabilitation, 2013, 01, .	0.5	0
541	THE FRONTIERS OF THE PATHOPHYSIOLOGY, DIAGNOSIS, AND TREATMENT OF KNEE OSTEOARTHRITIS. Juntendo Medical Journal, 2013, 59, 138-151.	0.1	3
542	Modern Trends in Total Knee Arthroplasty. , 2013, 02, .		0
544	Effects of Oyster Shell Extract on Papain-induced Osteoarthritis in C57BL/6J Mice. Journal of the Korean Society of Food Science and Nutrition, 2013, 42, 1183-1189.	0.2	0
545	Osteoarthritis and Gender-Specific Joint Replacement. , 2014, , 91-106.		0
547	Osteoarthritis of the Knee as One of the Major Musculoskeletal Diseases Responsible for Locomotive Syndrome: The Role of Synovitis in Pain. Juntendo Medical Journal, 2014, 60, 300-311.	0.1	0
548	Evaluating the Clinical Relevance of Codon 594 (G>A) Polymorphism of Estrogen Receptor Alpha in Knee Osteoarthritis. Malaysian Orthopaedic Journal, 2014, 8, 37-41.	0.2	0
549	EGYPT - AGEING POPULATION. Egyptian Journal of Geriatrics and Gerontology, 2014, 1, 1-9.	0.1	1
550	The Effects of Pre-Surgical Education on Patient Expectations in Total Knee Arthroplasties. Open Journal of Preventive Medicine, 2015, 05, 449-455.	0.2	0
551	Influence of shockwave therapy on pain in women with knee osteoarthritis. Acta Fisi \tilde{A}_i trica, 2015, 22, .	0.0	0
552	Assessment of the patient with osteoarthritis and measurement of outcomes., 2015,, 1492-1497.		0
553	DIACEREIN AS THE DRUG OF CHOICE IN THE THERAPY OF KNEE OSTEOARTHRITIS WITH SECONDARY RECURRENT SYNOVITIS. Nauchno-Prakticheskaya Revmatologiya, 2015, 53, 614-618.	0.2	2
554	Arthroplasty – current strategies for the management of knee osteoarthritis. Swiss Medical Weekly, 2015, 145, w14096.	0.8	6
555	Correlation between Postural Stability and Functional Mobility in Patients with Knee Osteoarthritis. Althea Medical Journal, 2015, 2, .	0.1	1
556	Sportology to Prevent Locomotive Syndrome. Juntendo Medical Journal, 2016, 62, 44-49.	0.1	0
557	THE PROBLEM OF AGEING AND OSTEOARTHRITIS. Journal of Evidence Based Medicine and Healthcare, 2016, 3, 1270-1275.	0.0	0
559	Raised serum IL 6 and CRP in Radiographic Knee Osteoarthritis in Eastern India. Journal of Medical Science and Clinical Research, 2017, 05, 21687-21692.	0.0	2

#	Article	IF	Citations
560	Arthritic Conditions Affecting the Temporomandibular Joint., 2018, , 1-36.		O
561	Extracorporeal shockwave therapy with a modified peppering technique for knee osteoarthritis: study protocol for a randomized controlled trial. Clinical Trials in Orthopedic Disorders, 2018, 3, 43.	0.2	0
562	The Effect of Bone Marrow Mesenchymal Stem Cells Versus Methotrexate on the Knee Joint in A Rat Model of Rheumatoid Arthritis. A Histological Study. Journal of Medical Histology, 2018, 2, 45-56.	0.1	1
563	Effects of Shift Work on Knee Pain and Knee Osteoarthritis Among Retired Chinese Workers. Advances in Intelligent Systems and Computing, 2019, , 32-42.	0.5	0
564	Expression of genes related to glucose metabolism and joint destruction in the development of diabetes mellitus in patients with osteoarthritis. Sovremennaya Revmatologiya, 2019, 13, 64-70.	0.1	1
565	A Systematic Review and Meta-Analysis of Fire Needling Treatment for Knee Osteoarthritis: Focused on Comparative Studies with Manual Acupuncture Treatment during Recent Five Years. Korean Journal of Acupuncture, 2019, 36, 104-114.	0.1	8
566	Platelet Rich Plasma as a Modality of Treatment for Primary Knee Osteoarthritis. Journal of Evolution of Medical and Dental Sciences, 2019, 8, 3057-3063.	0.1	0
567	The Tai Chi training for middle-aged and elderly patients with knee osteoarthritis. Medicine (United) Tj ETQq $1\ 1$	0.784314 0.4	rgBJT /Overloo
568	Signatures of knee osteoarthritis in women in the temporal and fractal dynamics of human gait. Clinical Biomechanics, 2020, 76, 105016.	0.5	5
569	Burden of disease due to hip, knee, and unspecified osteoarthritis in the Peruvian social health insurance system (EsSalud), 2016. F1000Research, 2020, 9, 238.	0.8	1
570	Diagnostic Imaging of Knee Cartilage Injury: Evaluation and Assessment. , 2020, , 195-213.		0
571	Creep behavior of human knee joint determined with high-speed biplanar video-radiography and finite element simulation. Journal of the Mechanical Behavior of Biomedical Materials, 2022, 125, 104905.	1.5	5
572	Regulation of the Inflammatory Process in Osteoarthritis. , 2020, , 658-675.		0
573	Burden of disease due to hip, knee, and unspecified osteoarthritis in the Peruvian social health insurance system (EsSalud), 2016. F1000Research, 2020, 9, 238.	0.8	0
574	Gait Alterations in Knee Osteoarthritis. Topics in Geriatric Rehabilitation, 2021, 37, 239-243.	0.2	0
575	Tert-butylhydroquinone attenuates osteoarthritis by protecting chondrocytes and inhibiting macrophage polarization. Bone and Joint Research, 2021, 10, 704-713.	1.3	17
576	Contribution of Algebraic Iterative Reconstruction Algorithm for Joint Space Segmentation Based on Cone Beam Computed Tomography Images. IFMBE Proceedings, 2021, , 278-285.	0.2	0
577	Comparison of the effects of acupuncture and isometric exercises on symptom of knee osteoarthritis. International Journal of Preventive Medicine, 2013, 4, S73-7.	0.2	6

#	Article	IF	CITATIONS
578	Influence of pain severity on health-related quality of life in Chinese knee osteoarthritis patients. International Journal of Clinical and Experimental Medicine, 2015, 8, 4472-9.	1.3	18
579	Expression and correlation of matrix metalloproteinase-7 and interleukin-15 in human osteoarthritis. International Journal of Clinical and Experimental Pathology, 2015, 8, 9112-8.	0.5	9
580	Association of follistatin-like 3 concentrations in serum and synovial fluid with the radiographic severity of knee osteoarthritis. International Journal of Clinical and Experimental Medicine, 2015, 8, 18884-8.	1.3	4
581	Electroacupuncture with different current intensities to treat knee osteoarthritis: a single-blinded controlled study. International Journal of Clinical and Experimental Medicine, 2015, 8, 18981-9.	1.3	8
582	Chondroprotective effect of oil in the early stages of osteoarthritis: an experimental study in rabbits. Journal of Musculoskeletal Neuronal Interactions, 2019, 19, 362-369.	0.1	4
583	Peripheral Anti-nociceptive and Anti-inflammatory Effect of Oleanolic Acid in a Rat Model of Osteoarthritis. Anti-Inflammatory and Anti-Allergy Agents in Medicinal Chemistry, 2021, 20, 239-249.	1.1	5
584	An Overview on Knee Replacement Surgery Indications and Techniques. Archives of Pharmacy Practice, 2021, 12, 125-129.	0.2	4
585	KLF4, negatively regulated by miR-7, suppresses osteoarthritis development via activating TGF- \hat{l}^21 signaling. International Immunopharmacology, 2022, 102, 108416.	1.7	14
586	Identification of early response to hypertonic dextrose prolotherapy markers in knee osteoarthritis patients by an inflammation-related cytokine array. Journal of the Chinese Medical Association, 2022, 85, 525-531.	0.6	6
587	Inhibiting the Musculoskeletal Pathological Processes in Post-knee Replacement Surgery With Osteopathic Manipulative Treatment: A Systematic Review. Cureus, 2022, 14, e21599.	0.2	3
588	State of the Art: The Immunomodulatory Role of MSCs for Osteoarthritis. International Journal of Molecular Sciences, 2022, 23, 1618.	1.8	29
589	The effects on pain and quality of life of traditional Chinese manual therapy for knee osteoarthritis. Medicine (United States), 2022, 101, e28595.	0.4	1
590	Fumitremorgin C alleviates advanced glycation end products (AGE)-induced chondrocyte inflammation and collagen II and aggrecan degradation through sirtuin-1 (SIRT1)/nuclear factor (NF)-κB/mitogen-activated protein kinase (MAPK). Bioengineered, 2022, 13, 3867-3876.	1.4	3
591	Mild inflammation persists in the glenohumeral joint of patients with shoulder instability: Cross-sectional study. Osteoarthritis and Cartilage Open, 2022, 4, 100241.	0.9	1
592	Endogenous Controls for the Evaluation of Osteoarthritis-Related miRNAs in Extracellular Vesicles from Bone-Marrow-Derived Mesenchymal Stromal Cells and the Impact of Osteoarthritis Synovial Fluid. Biomolecules, 2022, 12, 316.	1.8	1
593	Integrierter Vergleich des mRNAome in Knorpel, Synovium und Makrophagen bei Arthrose. Zeitschrift Fur Rheumatologie, 2024, 83, 62-70.	0.5	0
594	The rate of unnecessary interventions for the management of knee osteoarthritis: a population-based cohort study. Canadian Journal of Surgery, 2022, 65, E114-E120.	0.5	7
595	Butorphanol tartrate mitigates cellular senescence against tumor necrosis factor –α (TNF-α) in human HC-A chondrocytes. Bioengineered, 2022, 13, 5434-5442.	1.4	2

#	Article	IF	Citations
596	Methodological Flaws in Meta-Analyses of Clinical Studies on the Management of Knee Osteoarthritis with Stem Cells: A Systematic Review. Cells, 2022, 11, 965.	1.8	7
597	3D Knee Kinematic Parameters Effectively Diagnose Knee Osteoarthritis and Assess Its Therapeutic Strategy. Advanced Intelligent Systems, 2022, 4, .	3.3	1
598	Different changes in the biomarker C-terminal telopeptides of type II collagen (CTX-II) following intra-articular injection of high molecular weight hyaluronic acid and oral non-steroidal anti-inflammatory drugs in patients with knee osteoarthritis: a multi-center randomized controlled study. Osteoarthritis and Cartilage, 2022, 30, 852-861.	0.6	6
599	Transforming growth factorâ€Î² family and stem cellâ€'derived exosome therapeutic treatment in osteoarthritis (Review). International Journal of Molecular Medicine, 2022, 49, .	1.8	13
600	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-β in Osteoarthritis Rat Model. Open Access Macedonian Journal of Medical Sciences, 2022, 10, 563-571.	0.1	0
601	Association between knee inflammation and knee pain in patients with knee osteoarthritis: a systematic review. Osteoarthritis and Cartilage, 2022, 30, 516-534.	0.6	39
602	Posttraumatic Osteoarthritis. Effective Combination of Non-steroidal Anti-inflammatory Drugs and SYSADOA. Family Medicine, 2021, , 68-78.	0.1	0
603	Efficacy of Prolotherapy With Periarticular 5% Dextrose In The Treatment of Knee Joint Osteoarthritis. International Journal of Traditional and Complementary Medicine Research, 0, , .	0.1	1
605	Use of Medication., 0,, 17-22.		0
606	Effect of a hypocaloric diet with a commercial formula in weight loss and quality of life in obese patients with chronic osteoarthritis. Nutricion Hospitalaria, 2012, 27, 1648-54.	0.2	11
607	Musculoskeletal tissue engineering: Adipose derived stromal cell implementation for the treatment of osteoarthritis. Biomaterials, 2022, 286, 121544.	5.7	14
608	Ultrasound-guided intra-articular injection of expanded umbilical cord mesenchymal stem cellsÂin knee osteoarthritis: a safety/efficacy study with MRI data. Regenerative Medicine, 2022, 17, 299-312.	0.8	9
609	Efficacy and Safety of Aflapin $\hat{A}^{@}$, a Novel <i>Boswellia Serrata</i> Extract, in the Treatment of Osteoarthritis of the Knee: A Short-Term 30-Day Randomized, Double-Blind, Placebo-Controlled Clinical Study., 2023, 42, 159-168.		5
610	Progress in osteoarthritis research by the National Natural Science Foundation of China. Bone Research, 2022, 10, .	5.4	14
611	Effects of Complex Korean Medicine Treatment on a Patient with Knee Pain and Ankylosis Following a Distal Femur Osteotomy: A Case Report. Journal of Acupuncture Research, 2022, 39, 134-138.	0.1	0
612	Rhythm disturbance in osteoarthritis. Cell Communication and Signaling, 2022, 20, .	2.7	1
614	High tibial osteotomy effectively redistributes compressive knee loads during walking. Journal of Orthopaedic Research, 2023, 41, 591-600.	1.2	8
615	Multi-omics molecular biomarkers and database of osteoarthritis. Database: the Journal of Biological Databases and Curation, 2022, 2022, .	1.4	5

#	Article	IF	CITATIONS
616	Contribution of joint tissue properties to load-induced osteoarthritis. Bone Reports, 2022, , 101602.	0.2	0
618	Automatic femoral articular cartilage segmentation using deep learning in three-dimensional ultrasound images of the knee. Osteoarthritis and Cartilage Open, 2022, 4, 100290.	0.9	6
619	Influence of shockwave therapy on pain in women with knee osteoarthritis. Acta Fisiátrica, 2015, 22, 83-86.	0.0	0
620	Interleukin-6 signaling mediates cartilage degradation and pain in posttraumatic osteoarthritis in a sex-specific manner. Science Signaling, 2022, 15, .	1.6	30
621	Urotensin-II Prevents Cartilage Degeneration in a Monosodium Iodoacetate-Induced Rat Model of Osteoarthritis. International Journal of Peptide Research and Therapeutics, 2022, 28, .	0.9	0
622	Comparison of the Effects of Isokinetic, Isometric, and Isotonic Exercises on Knee Osteoarthritis Using Ultrasound. Cureus, 2022, , .	0.2	2
624	Scutellarin ameliorates osteoarthritis by protecting chondrocytes and subchondral bone microstructure by inactivating NF- $\hat{\mathbb{P}}$ B/MAPK signal transduction. Biomedicine and Pharmacotherapy, 2022, 155, 113781.	2.5	8
625	DLX Genes in the Development and Maintenance of the Vertebrate Skeleton: Implications for Human Pathologies. Cells, 2022, 11, 3277.	1.8	5
626	Skeletal interoception in bone homeostasis and pain. Cell Metabolism, 2022, 34, 1914-1931.	7.2	17
627	Antidepressants for hip and knee osteoarthritis. The Cochrane Library, 2022, 2022, .	1.5	4
628	The Correlation between Rheumatoid Factor, Chloroquine Phosphate in Osteoarthritis. Iraqi Journal of Pharmaceutical Sciences, 2022, 20, 50-53.	0.1	1
629	Effect of blood lipids and lipid-lowering therapies on osteoarthritis risk: A Mendelian randomization study. Frontiers in Medicine, 0, 9, .	1.2	1
630	Emerging pharmaceutical therapeutics and delivery technologies for osteoarthritis therapy. Frontiers in Pharmacology, 0, 13 , .	1.6	6
631	Early zoledronate treatment inhibits subchondral bone microstructural changes in skeletally-mature, ACL-transected canine knees. Bone, 2023, 167, 116638.	1.4	0
632	A randomized, doubleâ€blind placeboâ€controlled phase I clinical study on safety and efficacy of the <scp>Gâ€Rup</scp> ® syrup (a mixture of ginger extract and honey) in symptomatic treatment of knee osteoarthritis. Journal of Clinical Pharmacy and Therapeutics, 2022, 47, 2295-2301.	0.7	1
633	The potential roles of JAK/STAT signaling in the progression of osteoarthritis. Frontiers in Endocrinology, $0,13,\ldots$	1.5	13
634	Effect of extracorporeal shock wave therapy on pain and function in patients with knee osteoarthritis: a systematic review with meta-analysis and grade recommendations. Clinical Rehabilitation, 0, , 026921552211460.	1.0	1
635	Effective nonsurgical management of early osteoarthritis of the knee joint in a tertiary care hospital - A prospective single-blind randomised comparative study. Journal of Musculoskeletal Research, 0, , .	0.1	0

#	Article	IF	Citations
636	ĐĐ½Đ°Đ»Ñ–Đ· ÑÑƒÑ‡Đ°ÑĐ½Đ¾Đ³Đ¾ ĐƊ¾ÑĐ²Ñ–Đу Đ»Ñ–ĐºÑƒĐ²Đ°Đ½Đ½Ñ•Đ¾ÑÑ,ĐμĐ¾Đ°Ñ€Ñ,Ñ	€Đ, Ñ, ÃÑ f.l	_ika o s'ka Sprav
638	Ellagitannins and triterpenoids extracts of <i>Anogeissus leiocarpus</i> stem bark extracts: Protective effects against osteoarthritis. Phytotherapy Research, 0, , .	2.8	O
639	Effectiveness and safety of manual therapy for knee osteoarthritis: An overview of systematic reviews and meta-analyses. Frontiers in Public Health, $0,11,11$	1.3	2
641	Extracellular vesicles in osteoarthritis of peripheral joint and temporomandibular joint. Frontiers in Endocrinology, $0,14,.$	1.5	O
642	Efficacy and safety of Tuina (Chinese Therapeutic Massage) for knee osteoarthritis: A randomized, controlled, and crossover design clinical trial. Frontiers in Medicine, 0, 10, .	1,2	2
643	Comparison of Dextrose Prolotherapy and Triamcinolone Intraarticular Injection on Pain and Function in Patients with Knee Osteoarthritis - A Randomized Clinical Trial. Anesthesiology and Pain Medicine, 2023, 13, .	0.5	О
655	Intra-articular Structures, the Synovial Lining, Patellofemoral Osteoarthritis., 2023,, 245-311.		0
656	Osteoarthritis: Novel Insights in Treatment. , 2023, , 581-614.		O