List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Circulating Levels of Inflammatory Markers Predict Change in Bone Mineral Density and Resorption in Older Adults: A Longitudinal Study. Journal of Clinical Endocrinology and Metabolism, 2008, 93, 1952-1958.	3.6	284
2	Knee cartilage defects: association with early radiographic osteoarthritis, decreased cartilage volume, increased joint surface area and type II collagen breakdown. Osteoarthritis and Cartilage, 2005, 13, 198-205.	1.3	282
3	Early radiographic osteoarthritis is associated with substantial changes in cartilage volume and tibial bone surface area in both males and females11Sources of support: National Health and Medical Research Council of Australia, Masonic Centenary Medical Research Foundation Osteoarthritis and Cartilage, 2004, 12, 169-174.	1.3	238
4	Association of cartilage defects with loss of knee cartilage in healthy, middle-age adults: A prospective study. Arthritis and Rheumatism, 2005, 52, 2033-2039.	6.7	237
5	Metabolic triggered inflammation in osteoarthritis. Osteoarthritis and Cartilage, 2015, 23, 22-30.	1.3	205
6	Circulating C reactive protein in osteoarthritis: a systematic review and meta-analysis. Annals of the Rheumatic Diseases, 2015, 74, 703-710.	0.9	200
7	Associations between serum levels of inflammatory markers and change in knee pain over 5 years in older adults: a prospective cohort study. Annals of the Rheumatic Diseases, 2013, 72, 535-540.	0.9	180
8	A prospective study of the associations between 25â€hydroxyâ€vitamin D, sarcopenia progression and physical activity in older adults. Clinical Endocrinology, 2010, 73, 581-587.	2.4	178
9	Effect of Vitamin D Supplementation on Tibial Cartilage Volume and Knee Pain Among Patients With Symptomatic Knee Osteoarthritis. JAMA - Journal of the American Medical Association, 2016, 315, 1005.	7.4	156
10	Natural History of Knee Cartilage Defects and Factors Affecting Change. Archives of Internal Medicine, 2006, 166, 651.	3.8	141
11	Correlates of knee pain in older adults: Tasmanian older adult cohort study. Arthritis and Rheumatism, 2006, 55, 264-271.	6.7	138
12	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
13	Knee Structural Alteration and BMI: A Crossâ€sectional Study. Obesity, 2005, 13, 350-361.	4.0	126
14	Association of prevalent and incident knee cartilage defects with loss of tibial and patellar cartilage: A longitudinal study. Arthritis and Rheumatism, 2005, 52, 3918-3927.	6.7	122
15	Natural history and clinical significance of MRI-detected bone marrow lesions at the knee: a prospective study in community dwelling older adults. Arthritis Research and Therapy, 2010, 12, R223.	3.5	118
16	Meniscal tear as an osteoarthritis risk factor in a largely non-osteoarthritic cohort: a cross-sectional study. Journal of Rheumatology, 2007, 34, 776-84.	2.0	115
17	Knee Articular Cartilage Development in Children: A Longitudinal Study of the Effect of Sex, Growth, Body Composition, and Physical Activity. Pediatric Research, 2003, 54, 230-236.	2.3	110
18	Knee meniscal extrusion in a largely non-osteoarthritic cohort: association with greater loss of cartilage volume. Arthritis Research and Therapy, 2007, 9, R21.	3.5	108

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19	Meniscal extrusion predicts increases in subchondral bone marrow lesions and bone cysts and expansion of subchondral bone in osteoarthritic knees. Rheumatology, 2010, 49, 997-1004.	1.9	101
20	Bone marrow lesions predict site-specific cartilage defect development and volume loss: a prospective study in older adults. Arthritis Research and Therapy, 2010, 12, R222.	3.5	96
21	Tocilizumab: A Review of Its Safety and Efficacy in Rheumatoid Arthritis. Clinical Medicine Insights: Arthritis and Musculoskeletal Disorders, 2010, 3, CMAMD.S4864.	1.2	93
22	The association between objectively measured physical activity and knee structural change using MRI. Annals of the Rheumatic Diseases, 2013, 72, 1170-1175.	0.9	91
23	The importance of synovial inflammation in osteoarthritis: current evidence from imaging assessments and clinical trials. Osteoarthritis and Cartilage, 2018, 26, 165-174.	1.3	90
24	A longitudinal study of the association between infrapatellar fat pad maximal area and changes in knee symptoms and structure in older adults. Annals of the Rheumatic Diseases, 2015, 74, 1818-1824.	0.9	87
25	Infrapatellar fat pad in the knee: is local fat good or bad for knee osteoarthritis?. Arthritis Research and Therapy, 2014, 16, R145.	3.5	80
26	Smoking interacts with family history with regard to change in knee cartilage volume and cartilage defect development. Arthritis and Rheumatism, 2007, 56, 1521-1528.	6.7	79
27	Do NSAIDs affect the progression of osteoarthritis?. Inflammation, 2002, 26, 139-142.	3.8	77
28	Association between serum levels of 25-hydroxyvitamin D and osteoarthritis: a systematic review. Rheumatology, 2013, 52, 1323-1334.	1.9	77
29	What Is the Effect of Physical Activity on the Knee Joint? A Systematic Review. Medicine and Science in Sports and Exercise, 2011, 43, 432-442.	0.4	76
30	Signal intensity alteration in the infrapatellar fat pad at baseline for the prediction of knee symptoms and structure in older adults: a cohort study. Annals of the Rheumatic Diseases, 2016, 75, 1783-1788.	0.9	75
31	Targeting IL-6 in the treatment of inflammatory and autoimmune diseases. Expert Opinion on Investigational Drugs, 2009, 18, 1457-1466.	4.1	72
32	Moderate vitamin D deficiency is associated with changes in knee and hip pain in older adults: a 5-year longitudinal study. Annals of the Rheumatic Diseases, 2014, 73, 697-703.	0.9	72
33	Association Between Infrapatellar Fat Pad Volume and Knee Structural Changes in Patients with Knee Osteoarthritis. Journal of Rheumatology, 2015, 42, 1878-1884.	2.0	69
34	Effectiveness of <i>Curcuma longa</i> Extract for the Treatment of Symptoms and Effusion–Synovitis of Knee Osteoarthritis. Annals of Internal Medicine, 2020, 173, 861-869.	3.9	68
35	mTORC1 Inhibits NF-κB/NFATc1 Signaling and Prevents Osteoclast Precursor Differentiation, In Vitro and In Mice. Journal of Bone and Mineral Research, 2017, 32, 1829-1840.	2.8	65
36	Systemic and local adipose tissue in knee osteoarthritis. Osteoarthritis and Cartilage, 2018, 26, 864-871.	1.3	65

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37	Decreased miR-214–3p activates NF-κB pathway and aggravates osteoarthritis progression. EBioMedicine, 2021, 65, 103283.	6.1	65
38	The association between leptin, interleukin-6, and hip radiographic osteoarthritis in older people: a cross-sectional study. Arthritis Research and Therapy, 2010, 12, R95.	3.5	63
39	Associations between serum 25-hydroxyvitamin D and disease activity, inflammatory cytokines and bone loss in patients with rheumatoid arthritis. Rheumatology, 2014, 53, 1994-2001.	1.9	63
40	The genetic contribution to longitudinal changes in knee structure and muscle strength: A sibpair study. Arthritis and Rheumatism, 2005, 52, 2830-2834.	6.7	62
41	Association between MRI-detected knee joint regional effusion-synovitis and structural changes in older adults: a cohort study. Annals of the Rheumatic Diseases, 2016, 75, 519-525.	0.9	61
42	Cross-sectional and longitudinal associations between circulating leptin and knee cartilage thickness in older adults. Annals of the Rheumatic Diseases, 2015, 74, 82-88.	0.9	58
43	A longitudinal study of the effect of sex and age on rate of change in knee cartilage volume in adults. Rheumatology, 2006, 46, 273-279.	1.9	57
44	How important is MRI for detecting early osteoarthritis?. Nature Clinical Practice Rheumatology, 2008, 4, 4-5.	3.2	57
45	Do early life factors affect the development of knee osteoarthritis in later life: a narrative review. Arthritis Research and Therapy, 2016, 18, 202.	3.5	57
46	The genetic contribution to muscle strength, knee pain, cartilage volume, bone size, and radiographic osteoarthritis: A sibpair study. Arthritis and Rheumatism, 2004, 50, 805-810.	6.7	56
47	Static knee alignment is associated with the risk of unicompartmental knee cartilage defects. Journal of Orthopaedic Research, 2008, 26, 225-230.	2.3	53
48	What can we learn about osteoarthritis by studying a healthy person against a person with early onset of disease?. Current Opinion in Rheumatology, 2010, 22, 520-527.	4.3	53
49	Physical Activity and Knee Structural Change. Medicine and Science in Sports and Exercise, 2007, 39, 426-434.	0.4	52
50	Pharmacotherapy for knee osteoarthritis: current and emerging therapies. Expert Opinion on Pharmacotherapy, 2020, 21, 797-809.	1.8	51
51	New Trends in Pharmacological Treatments for Osteoarthritis. Frontiers in Pharmacology, 2021, 12, 645842.	3.5	51
52	Vitamin D supplementation in the management of knee osteoarthritis: study protocol for a randomized controlled trial. Trials, 2012, 13, 131.	1.6	49
53	Knee effusion-synovitis volume measurement and effects of vitamin D supplementation in patients with knee osteoarthritis. Osteoarthritis and Cartilage, 2017, 25, 1304-1312.	1.3	49
54	Investigational drugs for the treatment of osteoarthritis. Expert Opinion on Investigational Drugs, 2015, 24, 1539-1556.	4.1	47

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55	Depression in patients with knee osteoarthritis: risk factors and associations with joint symptoms. BMC Musculoskeletal Disorders, 2021, 22, 40.	1.9	47
56	Correlates of Subchondral BMD: A Cross-Sectional Study. Journal of Bone and Mineral Research, 2009, 24, 2007-2015.	2.8	46
57	Subchondral bone and cartilage damage: A prospective study in older adults. Arthritis and Rheumatism, 2010, 62, 1967-1973.	6.7	46
58	Belimumab, an anti-BLyS human monoclonal antibody for potential treatment of inflammatory autoimmune diseases. Expert Opinion on Biological Therapy, 2008, 8, 1805-1814.	3.1	45
59	The relationship between meniscal pathology and osteoarthritis depends on the type of meniscal damage visible on magnetic resonance images: data from the Osteoarthritis Initiative. Osteoarthritis and Cartilage, 2017, 25, 76-84.	1.3	45
60	Investigational drugs for the treatment of osteoarthritis, an update on recent developments. Expert Opinion on Investigational Drugs, 2018, 27, 881-900.	4.1	44
61	A large infrapatellar fat pad protects against knee pain and lateral tibial cartilage volume loss. Arthritis Research and Therapy, 2015, 17, 318.	3.5	42
62	Associations between knee structural measures, circulating inflammatory factors and MMP13 in patients with knee osteoarthritis. Osteoarthritis and Cartilage, 2018, 26, 1063-1069.	1.3	42
63	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.	0.9	41
64	Anti-Interleukin-6 Receptor Antibody Treatment in Inflammatory Autoimmune Diseases. Reviews on Recent Clinical Trials, 2006, 1, 193-200.	0.8	41
65	Correlates of knee pain in younger subjects. Clinical Rheumatology, 2007, 26, 75-80.	2.2	40
66	Do NSAIDs Affect Longitudinal Changes in Knee Cartilage Volume and Knee Cartilage Defects in Older Adults?. American Journal of Medicine, 2009, 122, 836-842.	1.5	40
67	Use magnetic resonance imaging to assess articular cartilage. Therapeutic Advances in Musculoskeletal Disease, 2012, 4, 77-97.	2.7	40
68	Use of imaging techniques to predict progression in osteoarthritis. Current Opinion in Rheumatology, 2013, 25, 127-135.	4.3	40
69	Cross-sectional and Longitudinal Associations between Knee Joint Effusion Synovitis and Knee Pain in Older Adults. Journal of Rheumatology, 2016, 43, 121-130.	2.0	40
70	Associations between endogenous sex hormones and MRI structural changes in patients with symptomatic knee osteoarthritis. Osteoarthritis and Cartilage, 2017, 25, 1100-1106.	1.3	40
71	Maintaining Vitamin D Sufficiency Is Associated with Improved Structural and Symptomatic Outcomes in Knee Osteoarthritis. American Journal of Medicine, 2017, 130, 1211-1218.	1.5	39
72	Association between childhood overweight measures and adulthood knee pain, stiffness and dysfunction: a 25-year cohort study. Annals of the Rheumatic Diseases, 2015, 74, 711-717.	0.9	38

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73	A longitudinal study of the association between dietary factors, serum lipids, and bone marrow lesions of the knee. Arthritis Research and Therapy, 2012, 14, R13.	3.5	37
74	Serum levels of resistin and interleukin-17 are associated with increased cartilage defects and bone marrow lesions in patients with knee osteoarthritis. Modern Rheumatology, 2017, 27, 339-344.	1.8	35
75	Associations between vitamin D receptor gene polymorphisms and osteoarthritis: an updated meta-analysis. Rheumatology, 2014, 53, 998-1008.	1.9	34
76	Hypointense signals in the infrapatellar fat pad assessed by magnetic resonance imaging are associated with knee symptoms and structure in older adults: a cohort study. Arthritis Research and Therapy, 2016, 18, 234.	3.5	33
77	Associations Between Fat Mass and Multisite Pain: A Five‥ear Longitudinal Study. Arthritis Care and Research, 2017, 69, 509-516.	3.4	33
78	Strontium ranelate, a promising disease modifying osteoarthritis drug. Expert Opinion on Investigational Drugs, 2017, 26, 375-380.	4.1	32
79	Factors associated with hip cartilage volume measured by magnetic resonance imaging: The Tasmanian Older Adult Cohort Study. Arthritis and Rheumatism, 2005, 52, 1069-1076.	6.7	31
80	Serum levels of interleukin-17 and adiponectin are associated with infrapatellar fat pad volume and signal intensity alteration in patients with knee osteoarthritis. Arthritis Research and Therapy, 2016, 18, 193.	3.5	31
81	Association between circulating adipokines, radiographic changes, and knee cartilage volume in patients with knee osteoarthritis. Scandinavian Journal of Rheumatology, 2016, 45, 224-229.	1.1	31
82	Osteoblasts support megakaryopoiesis through production of interleukin-9. Blood, 2017, 129, 3196-3209.	1.4	31
83	Associations Between Knee Effusion-synovitis and Joint Structural Changes in Patients with Knee Osteoarthritis. Journal of Rheumatology, 2017, 44, 1644-1651.	2.0	31
84	Knee and hip radiographic osteoarthritis predict total hip bone loss in older adults: A prospective study. Journal of Bone and Mineral Research, 2010, 25, 858-865.	2.8	29
85	Mass effect and signal intensity alteration in the suprapatellar fat pad: associations with knee symptoms and structure. Osteoarthritis and Cartilage, 2014, 22, 1619-1626.	1.3	29
86	Quantitative Assessment of Knee Effusionâ€5ynovitis in Older Adults: Association With Knee Structural Abnormalities. Arthritis and Rheumatology, 2016, 68, 837-844.	5.6	29
87	Current status and future prospects for disease modification in osteoarthritis. Rheumatology, 2018, 57, iv108-iv123.	1.9	29
88	B-Cell-Targeted Therapy for SystemicÂLupus Erythematosus. BioDrugs, 2008, 22, 239-249.	4.6	28
89	Cross-sectional and longitudinal associations between serum inflammatory cytokines and knee bone marrow lesions in patients with knee osteoarthritis. Osteoarthritis and Cartilage, 2017, 25, 499-505.	1.3	28
90	Signal intensity alteration within infrapatellar fat pad predicts knee replacement within 5Âyears: data from the Osteoarthritis Initiative. Osteoarthritis and Cartilage, 2018, 26, 1345-1350.	1.3	28

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91	AMPK Signaling in Energy Control, Cartilage Biology, and Osteoarthritis. Frontiers in Cell and Developmental Biology, 2021, 9, 696602.	3.7	28
92	Association of patellar bone marrow lesions with knee pain, patellar cartilage defect and patellar cartilage volume loss in older adults: a cohort study. Osteoarthritis and Cartilage, 2015, 23, 1330-1336.	1.3	26
93	Effect of 1,25-(OH)2D3 on Proliferation of Fibroblast-Like Synoviocytes and Expressions of Pro-Inflammatory Cytokines through Regulating MicroRNA-22 in a Rat Model of Rheumatoid Arthritis. Cellular Physiology and Biochemistry, 2017, 42, 145-155.	1.6	26
94	Association between GDF5 rs143383 polymorphism and knee osteoarthritis: an updated meta-analysis based on 23,995 subjects. BMC Musculoskeletal Disorders, 2014, 15, 404.	1.9	25
95	Single nucleotide polymorphisms of the interleukin-33 (IL-33) gene are associated with ankylosing spondylitis in Chinese individuals: a case–control pilot study. Scandinavian Journal of Rheumatology, 2014, 43, 374-379.	1.1	25
96	Autophagy-related IRGM genes confer susceptibility to ankylosing spondylitis in a Chinese female population: a case–control study. Genes and Immunity, 2017, 18, 42-47.	4.1	25
97	Quantitative Signal Intensity Alteration in Infrapatellar Fat Pad Predicts Incident Radiographic Osteoarthritis: The Osteoarthritis Initiative. Arthritis Care and Research, 2019, 71, 30-38.	3.4	25
98	A longitudinal study of the association between knee alignment and change in cartilage volume and chondral defects in a largely non-osteoarthritic population. Journal of Rheumatology, 2007, 34, 181-6.	2.0	25
99	Association of Baseline Knee Bone Size, Cartilage Volume, and Body Mass Index with Knee Cartilage Loss Over Time: A Longitudinal Study in Younger or Middle-aged Adults. Journal of Rheumatology, 2011, 38, 1973-1980.	2.0	24
100	Belimumab – an anti-BLyS human monoclonal antibody for rheumatoid arthritis. Expert Opinion on Biological Therapy, 2013, 13, 315-322.	3.1	24
101	Monoclonal antibodies for the treatment of osteoarthritis. Expert Opinion on Biological Therapy, 2016, 16, 1529-1540.	3.1	24
102	A novel method for assessing signal intensity within infrapatellar fat pad on MR images in patients with knee osteoarthritis. Osteoarthritis and Cartilage, 2016, 24, 1883-1889.	1.3	24
103	Associations between serum ghrelin and knee symptoms, joint structures and cartilage or bone biomarkers in patients with knee osteoarthritis. Osteoarthritis and Cartilage, 2017, 25, 1428-1435.	1.3	24
104	Associations between vitamin D receptor gene polymorphisms and ankylosing spondylitis in Chinese Han population: a case–control study. Osteoporosis International, 2016, 27, 2327-2333.	3.1	23
105	MRI-based Texture Analysis of Infrapatellar Fat Pad to Predict Knee Osteoarthritis Incidence. Radiology, 2022, 304, 611-621.	7.3	23
106	Genetic mechanisms of knee osteoarthritis: a population-based longitudinal study. Arthritis Research and Therapy, 2006, 8, R8.	3.5	22
107	Does Smoking Reduce the Progression of Osteoarthritis? Metaâ€Analysis of Observational Studies. Arthritis Care and Research, 2013, 65, 1026-1033.	3.4	22
108	Association between MRI-detected osteophytes and changes in knee structures and pain in older adults: a cohort study. Osteoarthritis and Cartilage, 2017, 25, 1084-1092.	1.3	22

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109	Vitamin D supplementation and inflammatory and metabolic biomarkers in patients with knee osteoarthritis: <i>post hoc</i> analysis of a randomised controlled trial. British Journal of Nutrition, 2018, 120, 41-48.	2.3	22
110	Efficacy and Safety of Turmeric Extracts for the Treatment of Knee Osteoarthritis: a Systematic Review and Meta-analysis of Randomised Controlled Trials. Current Rheumatology Reports, 2021, 23, 11.	4.7	22
111	Familial, structural, and environmental correlates of MRI-defined bone marrow lesions: a sibpair study. Arthritis Research and Therapy, 2006, 8, R137.	3.5	21
112	The clinical significance, natural history and predictors of bone marrow lesion change over eight years. Arthritis Research and Therapy, 2014, 16, R149.	3.5	21
113	Does statin use have a disease modifying effect in symptomatic knee osteoarthritis? Study protocol for a randomised controlled trial. Trials, 2015, 16, 584.	1.6	21
114	Correlates of knee bone marrow lesions in younger adults. Arthritis Research and Therapy, 2016, 18, 31.	3.5	21
115	Test-retest reliability of measurements of abdominal and multifidus muscles using ultrasound imaging in adults aged 50–79 years. Musculoskeletal Science and Practice, 2017, 28, 79-84.	1.3	21
116	Effect of Vitamin D Supplementation on Depressive Symptoms in Patients With Knee Osteoarthritis. Journal of the American Medical Directors Association, 2019, 20, 1634-1640.e1.	2.5	21
117	Association between meniscal tears and the peak external knee adduction moment and foot rotation during level walking in postmenopausal women without knee osteoarthritis: a cross-sectional study. Arthritis Research and Therapy, 2008, 10, R58.	3.5	20
118	A family history of knee joint replacement increases the progression of knee radiographic osteoarthritis and medial tibial cartilage volume loss over 10 years. Osteoarthritis and Cartilage, 2015, 23, 203-209.	1.3	20
119	Natural history and clinical significance of meniscal tears over 8Âyears in a midlife cohort. BMC Musculoskeletal Disorders, 2016, 17, 4.	1.9	20
120	The genetic contribution and relevance of knee cartilage defects: case-control and sib-pair studies. Journal of Rheumatology, 2005, 32, 1937-42.	2.0	20
121	Belimumab Human Genome Sciences/Cambridge Antibody Technology/GlaxoSmithKline. Current Opinion in Investigational Drugs, 2006, 7, 464-72.	2.3	20
122	Associations between circulating adipokines and bone mineral density in patients with knee osteoarthritis: a cross-sectional study. BMC Musculoskeletal Disorders, 2018, 19, 16.	1.9	19
123	Associations between serum IL-8 and knee symptoms, joint structures, and cartilage or bone biomarkers in patients with knee osteoarthritis. Clinical Rheumatology, 2019, 38, 3609-3617.	2.2	19
124	The IncRNA PILA promotes NF-κB signaling in osteoarthritis by stimulating the activity of the protein arginine methyltransferase PRMT1. Science Signaling, 2022, 15, .	3.6	18
125	Measurement of volume-occupying rate of cervical spinal canal and its role in cervical spondylotic myelopathy. European Spine Journal, 2013, 22, 1152-1157.	2.2	17
126	Chondrocyte mTORC1 activation stimulates miRâ€483â€5p via HDAC4 in osteoarthritis progression. Journal of Cellular Physiology, 2019, 234, 2730-2740.	4.1	17

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127	Multi-omics analysis of copy number variations of RNA regulatory genes in soft tissue sarcoma. Life Sciences, 2021, 265, 118734.	4.3	17
128	Enhanced osteoarthritis therapy by nanoengineered mesenchymal stem cells using biomimetic CuS nanoparticles loaded with plasmid DNA encoding TGF-β1. Bioactive Materials, 2023, 19, 444-457.	15.6	17
129	Correlates of Hip Cartilage Defects: A Cross-sectional Study in Older Adults. Journal of Rheumatology, 2016, 43, 1406-1412.	2.0	16
130	Association Between Quantitatively Measured Infrapatellar Fat Pad High Signalâ€Intensity Alteration and Magnetic Resonance Imaging–Assessed Progression of Knee Osteoarthritis. Arthritis Care and Research, 2019, 71, 638-646.	3.4	16
131	Immunotherapy for Tumor Metastasis by Artificial Antigen-Presenting Cells via Targeted Microenvironment Regulation and T-Cell Activation. ACS Applied Materials & Interfaces, 2021, 13, 55890-55901.	8.0	16
132	Hierarchical functional nanoparticles boost osteoarthritis therapy by utilizing joint-resident mesenchymal stem cells. Journal of Nanobiotechnology, 2022, 20, 89.	9.1	16
133	Association of physical activity and physical performance with tibial cartilage volume and bone area in young adults. Arthritis Research and Therapy, 2015, 17, 298.	3.5	15
134	Crossâ€Sectional and Longitudinal Associations Between Serum Levels of Highâ€Sensitivity Câ€Reactive Protein, Knee Bone Marrow Lesions, and Knee Pain in Patients With Knee Osteoarthritis. Arthritis Care and Research, 2016, 68, 1471-1477.	3.4	15
135	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.	0.9	15
136	Association of serum levels of inflammatory markers and adipokines with joint symptoms and structures in participants with knee osteoarthritis. Rheumatology, 2022, 61, 1044-1052.	1.9	15
137	Sprifermin: a recombinant human fibroblast growth factor 18 for the treatment of knee osteoarthritis. Expert Opinion on Investigational Drugs, 2021, 30, 923-930.	4.1	15
138	Investigational spleen tyrosine kinase (SYK) inhibitors for the treatment of autoimmune diseases. Expert Opinion on Investigational Drugs, 2022, 31, 291-303.	4.1	15
139	Association of Body Composition and Hormonal and Inflammatory Factors With Tibial Cartilage Volume and Sex Difference in Cartilage Volume in Young Adults. Arthritis Care and Research, 2016, 68, 517-525.	3.4	14
140	The association between oral contraceptive use, bone mineral density and fractures in women aged 50–80 years. Contraception, 2011, 84, 357-362.	1.5	13
141	Treatment with Etanercept in a Patient with Rheumatoid Arthritis-Associated Interstitial Lung Disease. Clinical Medicine Insights: Case Reports, 2011, 4, CCRep.S8150.	0.7	13
142	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.	3.5	13
143	Longitudinal associations between adiposity and change in knee pain: Tasmanian older adult cohort study. Seminars in Arthritis and Rheumatism, 2016, 45, 564-569.	3.4	13
144	MRI-detected osteophytes of the knee: natural history and structural correlates of change. Arthritis Research and Therapy, 2018, 20, 237.	3.5	13

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145	Inactivation of mTORC1 Signaling in Osterix-Expressing Cells Impairs B-cell Differentiation. Journal of Bone and Mineral Research, 2018, 33, 732-742.	2.8	13
146	Vitamin D supplements for trunk muscle morphology in older adults: secondary analysis of a randomized controlled trial. Journal of Cachexia, Sarcopenia and Muscle, 2019, 10, 177-187.	7.3	12
147	Studies on the antiinflammatory, immunoregulatory, and analgesic actions of melatonin. Drug Development Research, 1996, 39, 167-173.	2.9	11
148	Associations between MRI-detected early osteophytes and knee structure in older adults: a population-based cohort study. Osteoarthritis and Cartilage, 2017, 25, 2055-2062.	1.3	11
149	Effect of vitamin D supplementation on pain and physical function in patients with knee osteoarthritis (OA): an OA Trial Bank protocol for a systematic review and individual patient data (IPD) meta-analysis. BMJ Open, 2020, 10, e035302.	1.9	11
150	Aspirin is associated with reduced cartilage loss in knee osteoarthritis: Data from a cohort study. Maturitas, 2015, 81, 394-397.	2.4	10
151	Associations between proximal tibiofibular joint (PTFJ) types and knee osteoarthritic changes in older adults. Osteoarthritis and Cartilage, 2017, 25, 1452-1458.	1.3	10
152	Osteoarthritic infrapatellar fat pad aggravates cartilage degradation via activation of p38MAPK and ERK1/2 pathways. Inflammation Research, 2021, 70, 1129-1139.	4.0	10
153	Efficacy and cost-effectiveness of Stem Cell injections for symptomatic relief and strUctural improvement in people with Tibiofemoral knee OsteoaRthritis: protocol for a randomised placebo-controlled trial (the SCUlpTOR trial). BMJ Open, 2021, 11, e056382.	1.9	10
154	Childhood Physical Performance Measures and Adulthood Knee Cartilage Volume and Bone Area: A 25‥ear Cohort Study. Arthritis Care and Research, 2015, 67, 1263-1271.	3.4	9
155	Change in knee structure and change in tibiofemoral joint space width: a five year longitudinal population–based study. BMC Musculoskeletal Disorders, 2016, 17, 25.	1.9	9
156	Patellofemoral Bone Marrow Lesions: Natural History and Associations With Pain and Structure. Arthritis Care and Research, 2016, 68, 1647-1654.	3.4	9
157	Implementation of telemedicine for knee osteoarthritis: study protocol for a randomized controlled trial. Trials, 2018, 19, 232.	1.6	9
158	Effects of Vitamin D Supplementation on Disabling Foot Pain in Patients With Symptomatic Knee Osteoarthritis. Arthritis Care and Research, 2021, 73, 781-787.	3.4	9
159	Technology evaluation: MRA, Chugai. Current Opinion in Molecular Therapeutics, 2003, 5, 64-9.	2.8	9
160	Highly effective rheumatoid arthritis therapy by peptide-promoted nanomodification of mesenchymal stem cells. Biomaterials, 2022, 283, 121474.	11.4	9
161	Body fat predicts an increase and limb muscle strength predicts a decrease in leptin in older adults over 2·6Âyears. Clinical Endocrinology, 2013, 79, 652-660.	2.4	8
162	Responsiveness of Magnetic Resonance Imaging-derived Measures Over 2.7 Years. Journal of Rheumatology, 2014, 41, 2060-2067.	2.0	8

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163	Effect of Vitamin D Supplementation on Aortic Stiffness and Arterial Hemodynamics inÂPeople With Osteoarthritis and VitaminÂD Deficiency. Journal of the American College of Cardiology, 2015, 66, 2679-2681.	2.8	8
164	Association of β-defensin gene copy number variations with ankylosing spondylitis in Chinese population: A case–control study. Modern Rheumatology, 2016, 26, 146-150.	1.8	8
165	Association Between Pain at Sites Outside the Knee and Knee Cartilage Volume Loss in Elderly People Without Knee Osteoarthritis: A Prospective Study. Arthritis Care and Research, 2017, 69, 659-666.	3.4	8
166	Association of childhood adiposity measures with adulthood knee cartilage defects and bone marrow lesions: a 25-year cohort study. Osteoarthritis and Cartilage, 2018, 26, 1055-1062.	1.3	8
167	Ambulatory activity interacts with common risk factors for osteoarthritis to modify increases in MRI-detected osteophytes. Osteoarthritis and Cartilage, 2019, 27, 650-658.	1.3	8
168	Associations between suprapatellar pouch effusion-synovitis, serum cartilage oligomeric matrix protein, high sensitivity C-reaction protein, knee symptom, and joint structural changes in patients with knee osteoarthritis. Clinical Rheumatology, 2020, 39, 1663-1670.	2.2	8
169	Optimal sampling of MRI slices for the assessment of knee cartilage volume for cross-sectional and longitudinal studies. BMC Musculoskeletal Disorders, 2005, 6, 10.	1.9	7
170	Familial effects on structural changes relevant to knee osteoarthritis: a prospective cohort study. Osteoarthritis and Cartilage, 2015, 23, 559-564.	1.3	7
171	Correlation Between Changes in Global Knee Structures Assessed by Magnetic Resonance Imaging and Radiographic Osteoarthritis Changes Over Ten Years in a Midlife Cohort. Arthritis Care and Research, 2016, 68, 958-964.	3.4	7
172	Response to: †The role of infrapatellar fat pad resection in total knee arthroplasty' by White <i>et al</i> . Annals of the Rheumatic Diseases, 2016, 75, e67-e67.	0.9	7
173	Higher Serum Levels of Resistin Are Associated With Knee Synovitis and Structural Abnormalities in Patients With Symptomatic Knee Osteoarthritis. Journal of the American Medical Directors Association, 2019, 20, 1242-1246.	2.5	7
174	Association of adiposity measures in childhood and adulthood with knee cartilage thickness, volume and bone area in young adults. International Journal of Obesity, 2019, 43, 1411-1421.	3.4	7
175	Predictive value of the morphology of proximal tibiofibular joint for total knee replacement in patients with knee osteoarthritis. Journal of Orthopaedic Research, 2021, 39, 1289-1296.	2.3	7
176	Effect of Atorvastatin on Knee Cartilage Volume in Patients With Symptomatic Knee Osteoarthritis: Results From a Randomized Placebo ontrolled Trial. Arthritis and Rheumatology, 2021, 73, 2035-2043.	5.6	7
177	Copy number variation analysis of m <sup>6</sup> A regulators identified METTL3 as a prognostic and immuneâ€related biomarker in bladder cancer. Cancer Medicine, 2021, 10, 7804-7815.	2.8	7
178	Synovitis mediates the association between bone marrow lesions and knee pain in osteoarthritis: data from the Foundation for the National Institute of Health (FNIH) Osteoarthritis Biomarkers Consortium. Osteoarthritis and Cartilage, 2022, 30, 1270-1277.	1.3	7
179	Cartilage signal intensity on T1-weighted MRI: association with risk factors and measures of knee osteoarthritis. Clinical Rheumatology, 2014, 33, 359-368.	2.2	6
180	Does cartilage volume measurement or radiographic osteoarthritis at baseline independently predict ten-year cartilage volume loss?. BMC Musculoskeletal Disorders, 2016, 17, 54.	1.9	6

#	Article	IF	CITATIONS
181	The interaction between weight and family history of total knee replacement with knee cartilage: a 10-year prospective study. Osteoarthritis and Cartilage, 2017, 25, 227-233.	1.3	6
182	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.	1.6	6
183	Associations between diet quality and knee joint structures, symptoms and systemic abnormalities in people with symptomatic knee osteoarthritis. Clinical Nutrition, 2021, 40, 2483-2490.	5.0	6
184	Inflammatory phenotype of osteoarthritis and its potential therapies. Rheumatology & Autoimmunity, 2021, 1, 92-100.	0.8	6
185	Association between hip and knee cartilage measured using radiographs and magnetic resonance imaging: the Tasmanian Older Adult Cohort Study. Rheumatology, 2013, 52, 2009-2015.	1.9	5
186	Vitamin D Supplementation in Patients With Osteoarthritis. JAMA - Journal of the American Medical Association, 2013, 309, 1583.	7.4	5
187	Vitamin D and osteoarthritis: disparity between observational studies and clinical trials. International Journal of Rheumatic Diseases, 2017, 20, 671-674.	1.9	5
188	Associations between systemic bone mineral density, knee cartilage defects and bone marrow lesions in patients with knee osteoarthritis. International Journal of Rheumatic Diseases, 2018, 21, 1202-1210.	1.9	5
189	A novel method for assessing proximal tibiofibular joint on MR images in patients with knee osteoarthritis. Osteoarthritis and Cartilage, 2018, 26, 1675-1682.	1.3	5
190	Tyrosine kinase inhibitors for the treatment of rheumatoid arthritis: phase I to â…; clinical trials. Expert Opinion on Investigational Drugs, 2019, 28, 1113-1123.	4.1	5
191	Patellar tendon enthesis abnormalities and their association with knee pain and structural abnormalities in older adults. Osteoarthritis and Cartilage, 2019, 27, 449-458.	1.3	5
192	Effects of infrapatellar fat pad preservation versus resection on clinical outcomes after total knee arthroplasty in patients with knee osteoarthritis (IPAKA): study protocol for a multicentre, randomised, controlled clinical trial. BMJ Open, 2020, 10, e043088.	1.9	5
193	Association between osteoarthritis-related serum biochemical markers over 11 years and knee MRI-based imaging biomarkers in middle-aged adults. Osteoarthritis and Cartilage, 2022, 30, 756-764.	1.3	5
194	Effectiveness of vitamin D supplementation on knee osteoarthritis - A target trial emulation study using data from the Osteoarthritis Initiative cohort. Osteoarthritis and Cartilage, 2022, 30, 1495-1505.	1.3	5
195	The association between parity and knee cartilage in young women. Rheumatology, 2012, 51, 2039-2045.	1.9	4
196	Association between <scp>DEFB103</scp> gene copy number variation and ankylosing spondylitis: a case–control study. Tissue Antigens, 2015, 86, 195-198.	1.0	4
197	History of knee injury and MRI-assessed knee structures in middle- and older-aged adults: a cross-sectional study. Clinical Rheumatology, 2015, 34, 1463-1472.	2.2	4
198	Pathogenic variants screening in seventeen candidate genes on 2p15 for association with ankylosing spondylitis in a Han Chinese population. PLoS ONE, 2017, 12, e0177080.	2.5	4

#	Article	IF	CITATIONS
199	Association of body composition, physical activity and physical performance with knee cartilage thickness and bone area in young adults. Rheumatology, 2020, 59, 1607-1616.	1.9	4
200	Association between knee symptoms, change in knee symptoms over 6–9Âyears, and SF-6D health state utility among middle-aged Australians. Quality of Life Research, 2021, 30, 2601-2613.	3.1	4
201	Patient-Reported Quality of Life Before and After Total Knee Arthroplasty: A Multicenter Observational Study. Patient Preference and Adherence, 2022, Volume 16, 737-748.	1.8	4
202	Longitudinal association of infrapatellar fat pad signal intensity alteration with biochemical biomarkers in knee osteoarthritis. Rheumatology, 2022, 62, 439-449.	1.9	4
203	Can metformin relieve tibiofemoral cartilage volume loss and knee symptoms in overweight knee osteoarthritis patients? Study protocol for a randomized, double-blind, and placebo-controlled trial. BMC Musculoskeletal Disorders, 2022, 23, .	1.9	4
204	How Do MRI-Detected Subchondral Bone Marrow Lesions (BMLs) on Two Different MRI Sequences Correlate with Clinically Important Outcomes?. Calcified Tissue International, 2018, 103, 131-143.	3.1	3
205	Association of glucose homeostasis and metabolic syndrome with knee cartilage defects and cartilage volume in young adults. Seminars in Arthritis and Rheumatism, 2020, 50, 192-197.	3.4	3
206	Signal intensity alteration and maximal area of pericruciate fat pad are associated with incident radiographic osteoarthritis: data from the Osteoarthritis Initiative. European Radiology, 2022, 32, 489-496.	4.5	3
207	Does diclofenac induce accelerated progression of hip and knee radiographic osteoarthritis? Comment on the article by Reijman et al. Arthritis and Rheumatism, 2006, 54, 1027-1027.	6.7	2
208	Identification of Early Knee Osteoarthritis – A New Horizon. Current Rheumatology Reviews, 2010, 6, 251-256.	0.8	2
209	Application of artificial neural networks in automatic cartilage segmentation. , 2010, , .		2
210	Associations of blood pressure and arterial stiffness with knee cartilage volume in patients with knee osteoarthritis. Rheumatology, 2021, 60, 4748-4754.	1.9	2
211	Comment on: Association of serum levels of inflammatory markers and adipokines with joint symptoms and structures in participants with knee osteoarthritis: reply. Rheumatology, 2021, 60, e416-e417.	1.9	2
212	Osteoarthritis Cartilage Defects: Does Size Matter?. Current Rheumatology Reviews, 2006, 2, 311-317.	0.8	1
213	Belimumab therapy for systemic lupus erythematosus and potential treatment of rheumatoid arthritis. Drug Development Research, 2011, 72, 623-633.	2.9	1
214	Response to: †Does it make sense to investigate whether the offspring of people with a total knee replacement for severe primary knee osteoarthritis have a higher risk of worsening knee pain?' by Leiet al. Annals of the Rheumatic Diseases, 2015, 74, e45-e45.	0.9	1
215	Response to †Infrapatellar fat pad maximal area and changes in knee symptoms: gender-related difference or gender difference in reporting?' by Bai <i>et al</i> . Annals of the Rheumatic Diseases, 2016, 75, e4-e4.	0.9	1
216	Response to: â€~Infrapatellar fat pad resection during total knee replacement: yet another reason?' by Ryan. Annals of the Rheumatic Diseases, 2019, 78, e64-e64.	0.9	1

#	Article	IF	CITATIONS
217	Association between diet quality in adolescence and adulthood and knee symptoms in adulthood: a 25-year cohort study. British Journal of Nutrition, 2021, , 1-25.	2.3	1
218	Prevalence and Clinical Significance of Residual or Reconverted Red Bone Marrow on Knee MRI. Diagnostics, 2021, 11, 1531.	2.6	1
219	Associations between the morphological parameters of proximal tibiofibular joint (PTFJ) and changes in tibiofemoral joint structures in patients with knee osteoarthritis. Arthritis Research and Therapy, 2022, 24, 34.	3.5	1
220	Intra-articular Platelet-Rich Plasma vs Placebo Injection and Pain and Medial Tibial Cartilage Volume in Patients With Knee Osteoarthritis. JAMA - Journal of the American Medical Association, 2022, 327, 1186.	7.4	1
221	Associations between dietary intake of vitamin K and changes in symptomatic and structural changes in patients with knee osteoarthritis. Arthritis Care and Research, 0, , .	3.4	1
222	Response to: †Paying attention to arbitrary causality and the preciseness of conclusion' by Leiet al. Annals of the Rheumatic Diseases, 2014, 73, e23-e23.	0.9	0
223	Reply Letter to the Editor: Knee joint replacement and individual susceptibility for progression of knee osteoarthritis and tibial cartilage volume loss: not only genes run in the family. Osteoarthritis and Cartilage, 2015, 23, 1819-1820.	1.3	0
224	Vitamin D Supplementation and Progression of Knee Osteoarthritis—Reply. JAMA - Journal of the American Medical Association, 2016, 316, 348.	7.4	0
225	Predictive value of magnetic resonance imaging (MRI) measures for the occurrence of total knee arthroplasty in knee osteoarthritis. Annals of Translational Medicine, 2020, 8, 772-772.	1.7	0
226	Associations of serum citrate levels with knee structural changes and cartilage enzymes in patients with knee osteoarthritis. International Journal of Rheumatic Diseases, 2020, 23, 435-442.	1.9	0
227	Avoidance of Duplicate Publications From Randomized Clinical Trials. JAMA Network Open, 2020, 3, e2027184.	5.9	0