

# Changhai Ding

## List of Publications by Year in descending order

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Version: 2024-02-01

227  
papers

8,335  
citations

47409

49  
h-index

73587

79  
g-index

238  
all docs

238  
docs citations

238  
times ranked

7953  
citing authors

#	ARTICLE	IF	CITATIONS
1	Circulating Levels of Inflammatory Markers Predict Change in Bone Mineral Density and Resorption in Older Adults: A Longitudinal Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2008, 93, 1952-1958.	1.8	284
2	Knee cartilage defects: association with early radiographic osteoarthritis, decreased cartilage volume, increased joint surface area and type II collagen breakdown. <i>Osteoarthritis and Cartilage</i> , 2005, 13, 198-205.	0.6	282
3	Early radiographic osteoarthritis is associated with substantial changes in cartilage volume and tibial bone surface area in both males and females <sup>11</sup> Sources of support: National Health and Medical Research Council of Australia, Masonic Centenary Medical Research Foundation.. <i>Osteoarthritis and Cartilage</i> , 2004, 12, 169-174.	0.6	238
4	Association of cartilage defects with loss of knee cartilage in healthy, middle-age adults: A prospective study. <i>Arthritis and Rheumatism</i> , 2005, 52, 2033-2039.	6.7	237
5	Metabolic triggered inflammation in osteoarthritis. <i>Osteoarthritis and Cartilage</i> , 2015, 23, 22-30.	0.6	205
6	Circulating C reactive protein in osteoarthritis: a systematic review and meta-analysis. <i>Annals of the Rheumatic Diseases</i> , 2015, 74, 703-710.	0.5	200
7	Associations between serum levels of inflammatory markers and change in knee pain over 5 years in older adults: a prospective cohort study. <i>Annals of the Rheumatic Diseases</i> , 2013, 72, 535-540.	0.5	180
8	A prospective study of the associations between 25-hydroxyvitamin D, sarcopenia progression and physical activity in older adults. <i>Clinical Endocrinology</i> , 2010, 73, 581-587.	1.2	178
9	Effect of Vitamin D Supplementation on Tibial Cartilage Volume and Knee Pain Among Patients With Symptomatic Knee Osteoarthritis. <i>JAMA - Journal of the American Medical Association</i> , 2016, 315, 1005.	3.8	156
10	Natural History of Knee Cartilage Defects and Factors Affecting Change. <i>Archives of Internal Medicine</i> , 2006, 166, 651.	4.3	141
11	Correlates of knee pain in older adults: Tasmanian older adult cohort study. <i>Arthritis and Rheumatism</i> , 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. <i>Arthritis and Rheumatism</i> , 2009, 60, 1381-1389.	6.7	134
13	Knee Structural Alteration and BMI: A Cross-sectional Study. <i>Obesity</i> , 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. <i>Arthritis and Rheumatism</i> , 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. <i>Arthritis Research and Therapy</i> , 2010, 12, R223.	1.6	118
16	Meniscal tear as an osteoarthritis risk factor in a largely non-osteoarthritic cohort: a cross-sectional study. <i>Journal of Rheumatology</i> , 2007, 34, 776-84.	1.0	115
17	Knee Articular Cartilage Development in Children: A Longitudinal Study of the Effect of Sex, Growth, Body Composition, and Physical Activity. <i>Pediatric Research</i> , 2003, 54, 230-236.	1.1	110
18	Knee meniscal extrusion in a largely non-osteoarthritic cohort: association with greater loss of cartilage volume. <i>Arthritis Research and Therapy</i> , 2007, 9, R21.	1.6	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. <i>Rheumatology</i> , 2010, 49, 997-1004.	0.9	101
20	Bone marrow lesions predict site-specific cartilage defect development and volume loss: a prospective study in older adults. <i>Arthritis Research and Therapy</i> , 2010, 12, R222.	1.6	96
21	Tocilizumab: A Review of Its Safety and Efficacy in Rheumatoid Arthritis. <i>Clinical Medicine Insights: Arthritis and Musculoskeletal Disorders</i> , 2010, 3, CMAMD.S4864.	0.3	93
22	The association between objectively measured physical activity and knee structural change using MRI. <i>Annals of the Rheumatic Diseases</i> , 2013, 72, 1170-1175.	0.5	91
23	The importance of synovial inflammation in osteoarthritis: current evidence from imaging assessments and clinical trials. <i>Osteoarthritis and Cartilage</i> , 2018, 26, 165-174.	0.6	90
24	A longitudinal study of the association between infrapatellar fat pad maximal area and changes in knee symptoms and structure in older adults. <i>Annals of the Rheumatic Diseases</i> , 2015, 74, 1818-1824.	0.5	87
25	Infrapatellar fat pad in the knee: is local fat good or bad for knee osteoarthritis?. <i>Arthritis Research and Therapy</i> , 2014, 16, R145.	1.6	80
26	Smoking interacts with family history with regard to change in knee cartilage volume and cartilage defect development. <i>Arthritis and Rheumatism</i> , 2007, 56, 1521-1528.	6.7	79
27	Do NSAIDs affect the progression of osteoarthritis?. <i>Inflammation</i> , 2002, 26, 139-142.	1.7	77
28	Association between serum levels of 25-hydroxyvitamin D and osteoarthritis: a systematic review. <i>Rheumatology</i> , 2013, 52, 1323-1334.	0.9	77
29	What Is the Effect of Physical Activity on the Knee Joint? A Systematic Review. <i>Medicine and Science in Sports and Exercise</i> , 2011, 43, 432-442.	0.2	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. <i>Annals of the Rheumatic Diseases</i> , 2016, 75, 1783-1788.	0.5	75
31	Targeting IL-6 in the treatment of inflammatory and autoimmune diseases. <i>Expert Opinion on Investigational Drugs</i> , 2009, 18, 1457-1466.	1.9	72
32	Moderate vitamin D deficiency is associated with changes in knee and hip pain in older adults: a 5-year longitudinal study. <i>Annals of the Rheumatic Diseases</i> , 2014, 73, 697-703.	0.5	72
33	Association Between Infrapatellar Fat Pad Volume and Knee Structural Changes in Patients with Knee Osteoarthritis. <i>Journal of Rheumatology</i> , 2015, 42, 1878-1884.	1.0	69
34	Effectiveness of <i>Curcuma longa</i> Extract for the Treatment of Symptoms and Effusion in Synovitis of Knee Osteoarthritis. <i>Annals of Internal Medicine</i> , 2020, 173, 861-869.	2.0	68
35	mTORC1 Inhibits NF- $\kappa$ B/NFATc1 Signaling and Prevents Osteoclast Precursor Differentiation, In Vitro and In Mice. <i>Journal of Bone and Mineral Research</i> , 2017, 32, 1829-1840.	3.1	65
36	Systemic and local adipose tissue in knee osteoarthritis. <i>Osteoarthritis and Cartilage</i> , 2018, 26, 864-871.	0.6	65

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37	Decreased miR-214â€³p activates NF-Î²B pathway and aggravates osteoarthritis progression. <i>EBioMedicine</i> , 2021, 65, 103283.	2.7	65
38	The association between leptin, interleukin-6, and hip radiographic osteoarthritis in older people: a cross-sectional study. <i>Arthritis Research and Therapy</i> , 2010, 12, R95.	1.6	63
39	Associations between serum 25-hydroxyvitamin D and disease activity, inflammatory cytokines and bone loss in patients with rheumatoid arthritis. <i>Rheumatology</i> , 2014, 53, 1994-2001.	0.9	63
40	The genetic contribution to longitudinal changes in knee structure and muscle strength: A sibpair study. <i>Arthritis and Rheumatism</i> , 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. <i>Annals of the Rheumatic Diseases</i> , 2016, 75, 519-525.	0.5	61
42	Cross-sectional and longitudinal associations between circulating leptin and knee cartilage thickness in older adults. <i>Annals of the Rheumatic Diseases</i> , 2015, 74, 82-88.	0.5	58
43	A longitudinal study of the effect of sex and age on rate of change in knee cartilage volume in adults. <i>Rheumatology</i> , 2006, 46, 273-279.	0.9	57
44	How important is MRI for detecting early osteoarthritis?. <i>Nature Clinical Practice Rheumatology</i> , 2008, 4, 4-5.	3.2	57
45	Do early life factors affect the development of knee osteoarthritis in later life: a narrative review. <i>Arthritis Research and Therapy</i> , 2016, 18, 202.	1.6	57
46	The genetic contribution to muscle strength, knee pain, cartilage volume, bone size, and radiographic osteoarthritis: A sibpair study. <i>Arthritis and Rheumatism</i> , 2004, 50, 805-810.	6.7	56
47	Static knee alignment is associated with the risk of unicompartmental knee cartilage defects. <i>Journal of Orthopaedic Research</i> , 2008, 26, 225-230.	1.2	53
48	What can we learn about osteoarthritis by studying a healthy person against a person with early onset of disease?. <i>Current Opinion in Rheumatology</i> , 2010, 22, 520-527.	2.0	53
49	Physical Activity and Knee Structural Change. <i>Medicine and Science in Sports and Exercise</i> , 2007, 39, 426-434.	0.2	52
50	Pharmacotherapy for knee osteoarthritis: current and emerging therapies. <i>Expert Opinion on Pharmacotherapy</i> , 2020, 21, 797-809.	0.9	51
51	New Trends in Pharmacological Treatments for Osteoarthritis. <i>Frontiers in Pharmacology</i> , 2021, 12, 645842.	1.6	51
52	Vitamin D supplementation in the management of knee osteoarthritis: study protocol for a randomized controlled trial. <i>Trials</i> , 2012, 13, 131.	0.7	49
53	Knee effusion-synovitis volume measurement and effects of vitamin D supplementation in patients with knee osteoarthritis. <i>Osteoarthritis and Cartilage</i> , 2017, 25, 1304-1312.	0.6	49
54	Investigational drugs for the treatment of osteoarthritis. <i>Expert Opinion on Investigational Drugs</i> , 2015, 24, 1539-1556.	1.9	47

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55	Depression in patients with knee osteoarthritis: risk factors and associations with joint symptoms. <i>BMC Musculoskeletal Disorders</i> , 2021, 22, 40.	0.8	47
56	Correlates of Subchondral BMD: A Cross-Sectional Study. <i>Journal of Bone and Mineral Research</i> , 2009, 24, 2007-2015.	3.1	46
57	Subchondral bone and cartilage damage: A prospective study in older adults. <i>Arthritis and Rheumatism</i> , 2010, 62, 1967-1973.	6.7	46
58	Belimumab, an anti-BLyS human monoclonal antibody for potential treatment of inflammatory autoimmune diseases. <i>Expert Opinion on Biological Therapy</i> , 2008, 8, 1805-1814.	1.4	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. <i>Osteoarthritis and Cartilage</i> , 2017, 25, 76-84.	0.6	45
60	Investigational drugs for the treatment of osteoarthritis, an update on recent developments. <i>Expert Opinion on Investigational Drugs</i> , 2018, 27, 881-900.	1.9	44
61	A large infrapatellar fat pad protects against knee pain and lateral tibial cartilage volume loss. <i>Arthritis Research and Therapy</i> , 2015, 17, 318.	1.6	42
62	Associations between knee structural measures, circulating inflammatory factors and MMP13 in patients with knee osteoarthritis. <i>Osteoarthritis and Cartilage</i> , 2018, 26, 1063-1069.	0.6	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. <i>Annals of the Rheumatic Diseases</i> , 2014, 73, 2003-2009.	0.5	41
64	Anti-Interleukin-6 Receptor Antibody Treatment in Inflammatory Autoimmune Diseases. <i>Reviews on Recent Clinical Trials</i> , 2006, 1, 193-200.	0.4	41
65	Correlates of knee pain in younger subjects. <i>Clinical Rheumatology</i> , 2007, 26, 75-80.	1.0	40
66	Do NSAIDs Affect Longitudinal Changes in Knee Cartilage Volume and Knee Cartilage Defects in Older Adults?. <i>American Journal of Medicine</i> , 2009, 122, 836-842.	0.6	40
67	Use magnetic resonance imaging to assess articular cartilage. <i>Therapeutic Advances in Musculoskeletal Disease</i> , 2012, 4, 77-97.	1.2	40
68	Use of imaging techniques to predict progression in osteoarthritis. <i>Current Opinion in Rheumatology</i> , 2013, 25, 127-135.	2.0	40
69	Cross-sectional and Longitudinal Associations between Knee Joint Effusion Synovitis and Knee Pain in Older Adults. <i>Journal of Rheumatology</i> , 2016, 43, 121-130.	1.0	40
70	Associations between endogenous sex hormones and MRI structural changes in patients with symptomatic knee osteoarthritis. <i>Osteoarthritis and Cartilage</i> , 2017, 25, 1100-1106.	0.6	40
71	Maintaining Vitamin D Sufficiency Is Associated with Improved Structural and Symptomatic Outcomes in Knee Osteoarthritis. <i>American Journal of Medicine</i> , 2017, 130, 1211-1218.	0.6	39
72	Association between childhood overweight measures and adulthood knee pain, stiffness and dysfunction: a 25-year cohort study. <i>Annals of the Rheumatic Diseases</i> , 2015, 74, 711-717.	0.5	38

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73	A longitudinal study of the association between dietary factors, serum lipids, and bone marrow lesions of the knee. <i>Arthritis Research and Therapy</i> , 2012, 14, R13.	1.6	37
74	Serum levels of resistin and interleukin-17 are associated with increased cartilage defects and bone marrow lesions in patients with knee osteoarthritis. <i>Modern Rheumatology</i> , 2017, 27, 339-344.	0.9	35
75	Associations between vitamin D receptor gene polymorphisms and osteoarthritis: an updated meta-analysis. <i>Rheumatology</i> , 2014, 53, 998-1008.	0.9	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. <i>Arthritis Research and Therapy</i> , 2016, 18, 234.	1.6	33
77	Associations Between Fat Mass and Multisite Pain: A Five-Year Longitudinal Study. <i>Arthritis Care and Research</i> , 2017, 69, 509-516.	1.5	33
78	Strontium ranelate, a promising disease modifying osteoarthritis drug. <i>Expert Opinion on Investigational Drugs</i> , 2017, 26, 375-380.	1.9	32
79	Factors associated with hip cartilage volume measured by magnetic resonance imaging: The Tasmanian Older Adult Cohort Study. <i>Arthritis and Rheumatism</i> , 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. <i>Arthritis Research and Therapy</i> , 2016, 18, 193.	1.6	31
81	Association between circulating adipokines, radiographic changes, and knee cartilage volume in patients with knee osteoarthritis. <i>Scandinavian Journal of Rheumatology</i> , 2016, 45, 224-229.	0.6	31
82	Osteoblasts support megakaryopoiesis through production of interleukin-9. <i>Blood</i> , 2017, 129, 3196-3209.	0.6	31
83	Associations Between Knee Effusion-synovitis and Joint Structural Changes in Patients with Knee Osteoarthritis. <i>Journal of Rheumatology</i> , 2017, 44, 1644-1651.	1.0	31
84	Knee and hip radiographic osteoarthritis predict total hip bone loss in older adults: A prospective study. <i>Journal of Bone and Mineral Research</i> , 2010, 25, 858-865.	3.1	29
85	Mass effect and signal intensity alteration in the suprapatellar fat pad: associations with knee symptoms and structure. <i>Osteoarthritis and Cartilage</i> , 2014, 22, 1619-1626.	0.6	29
86	Quantitative Assessment of Knee Effusion-synovitis in Older Adults: Association With Knee Structural Abnormalities. <i>Arthritis and Rheumatology</i> , 2016, 68, 837-844.	2.9	29
87	Current status and future prospects for disease modification in osteoarthritis. <i>Rheumatology</i> , 2018, 57, iv108-iv123.	0.9	29
88	B-Cell-Targeted Therapy for Systemic Lupus Erythematosus. <i>BioDrugs</i> , 2008, 22, 239-249.	2.2	28
89	Cross-sectional and longitudinal associations between serum inflammatory cytokines and knee bone marrow lesions in patients with knee osteoarthritis. <i>Osteoarthritis and Cartilage</i> , 2017, 25, 499-505.	0.6	28
90	Signal intensity alteration within infrapatellar fat pad predicts knee replacement within 5 years: data from the Osteoarthritis Initiative. <i>Osteoarthritis and Cartilage</i> , 2018, 26, 1345-1350.	0.6	28

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91	AMPK Signaling in Energy Control, Cartilage Biology, and Osteoarthritis. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 696602.	1.8	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. <i>Osteoarthritis and Cartilage</i> , 2015, 23, 1330-1336.	0.6	26
93	Effect of 1,25-(OH) <sub>2</sub> D <sub>3</sub> on Proliferation of Fibroblast-Like Synoviocytes and Expressions of Pro-Inflammatory Cytokines through Regulating MicroRNA-22 in a Rat Model of Rheumatoid Arthritis. <i>Cellular Physiology and Biochemistry</i> , 2017, 42, 145-155.	1.1	26
94	Association between GDF5 rs143383 polymorphism and knee osteoarthritis: an updated meta-analysis based on 23,995 subjects. <i>BMC Musculoskeletal Disorders</i> , 2014, 15, 404.	0.8	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. <i>Scandinavian Journal of Rheumatology</i> , 2014, 43, 374-379.	0.6	25
96	Autophagy-related IRGM genes confer susceptibility to ankylosing spondylitis in a Chinese female population: a case-control study. <i>Genes and Immunity</i> , 2017, 18, 42-47.	2.2	25
97	Quantitative Signal Intensity Alteration in Infrapatellar Fat Pad Predicts Incident Radiographic Osteoarthritis: The Osteoarthritis Initiative. <i>Arthritis Care and Research</i> , 2019, 71, 30-38.	1.5	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. <i>Journal of Rheumatology</i> , 2007, 34, 181-6.	1.0	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. <i>Journal of Rheumatology</i> , 2011, 38, 1973-1980.	1.0	24
100	Belimumab – an anti-BLyS human monoclonal antibody for rheumatoid arthritis. <i>Expert Opinion on Biological Therapy</i> , 2013, 13, 315-322.	1.4	24
101	Monoclonal antibodies for the treatment of osteoarthritis. <i>Expert Opinion on Biological Therapy</i> , 2016, 16, 1529-1540.	1.4	24
102	A novel method for assessing signal intensity within infrapatellar fat pad on MR images in patients with knee osteoarthritis. <i>Osteoarthritis and Cartilage</i> , 2016, 24, 1883-1889.	0.6	24
103	Associations between serum ghrelin and knee symptoms, joint structures and cartilage or bone biomarkers in patients with knee osteoarthritis. <i>Osteoarthritis and Cartilage</i> , 2017, 25, 1428-1435.	0.6	24
104	Associations between vitamin D receptor gene polymorphisms and ankylosing spondylitis in Chinese Han population: a case-control study. <i>Osteoporosis International</i> , 2016, 27, 2327-2333.	1.3	23
105	MRI-based Texture Analysis of Infrapatellar Fat Pad to Predict Knee Osteoarthritis Incidence. <i>Radiology</i> , 2022, 304, 611-621.	3.6	23
106	Genetic mechanisms of knee osteoarthritis: a population-based longitudinal study. <i>Arthritis Research and Therapy</i> , 2006, 8, R8.	1.6	22
107	Does Smoking Reduce the Progression of Osteoarthritis? Meta-Analysis of Observational Studies. <i>Arthritis Care and Research</i> , 2013, 65, 1026-1033.	1.5	22
108	Association between MRI-detected osteophytes and changes in knee structures and pain in older adults: a cohort study. <i>Osteoarthritis and Cartilage</i> , 2017, 25, 1084-1092.	0.6	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. <i>British Journal of Nutrition</i> , 2018, 120, 41-48.	1.2	22
110	Efficacy and Safety of Turmeric Extracts for the Treatment of Knee Osteoarthritis: a Systematic Review and Meta-analysis of Randomised Controlled Trials. <i>Current Rheumatology Reports</i> , 2021, 23, 11.	2.1	22
111	Familial, structural, and environmental correlates of MRI-defined bone marrow lesions: a sibpair study. <i>Arthritis Research and Therapy</i> , 2006, 8, R137.	1.6	21
112	The clinical significance, natural history and predictors of bone marrow lesion change over eight years. <i>Arthritis Research and Therapy</i> , 2014, 16, R149.	1.6	21
113	Does statin use have a disease modifying effect in symptomatic knee osteoarthritis? Study protocol for a randomised controlled trial. <i>Trials</i> , 2015, 16, 584.	0.7	21
114	Correlates of knee bone marrow lesions in younger adults. <i>Arthritis Research and Therapy</i> , 2016, 18, 31.	1.6	21
115	Test-retest reliability of measurements of abdominal and multifidus muscles using ultrasound imaging in adults aged 50-79 years. <i>Musculoskeletal Science and Practice</i> , 2017, 28, 79-84.	0.6	21
116	Effect of Vitamin D Supplementation on Depressive Symptoms in Patients With Knee Osteoarthritis. <i>Journal of the American Medical Directors Association</i> , 2019, 20, 1634-1640.e1.	1.2	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. <i>Arthritis Research and Therapy</i> , 2008, 10, R58.	1.6	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. <i>Osteoarthritis and Cartilage</i> , 2015, 23, 203-209.	0.6	20
119	Natural history and clinical significance of meniscal tears over 8 years in a midlife cohort. <i>BMC Musculoskeletal Disorders</i> , 2016, 17, 4.	0.8	20
120	The genetic contribution and relevance of knee cartilage defects: case-control and sib-pair studies. <i>Journal of Rheumatology</i> , 2005, 32, 1937-42.	1.0	20
121	Belimumab Human Genome Sciences/Cambridge Antibody Technology/GlaxoSmithKline. <i>Current Opinion in Investigational Drugs</i> , 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. <i>BMC Musculoskeletal Disorders</i> , 2018, 19, 16.	0.8	19
123	Associations between serum IL-8 and knee symptoms, joint structures, and cartilage or bone biomarkers in patients with knee osteoarthritis. <i>Clinical Rheumatology</i> , 2019, 38, 3609-3617.	1.0	19
124	The lncRNA PILA promotes NF- $\kappa$ B signaling in osteoarthritis by stimulating the activity of the protein arginine methyltransferase PRMT1. <i>Science Signaling</i> , 2022, 15, .	1.6	18
125	Measurement of volume-occupying rate of cervical spinal canal and its role in cervical spondylotic myelopathy. <i>European Spine Journal</i> , 2013, 22, 1152-1157.	1.0	17
126	Chondrocyte mTORC1 activation stimulates miR-483-5p via HDAC4 in osteoarthritis progression. <i>Journal of Cellular Physiology</i> , 2019, 234, 2730-2740.	2.0	17



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127	Multi-omics analysis of copy number variations of RNA regulatory genes in soft tissue sarcoma. <i>Life Sciences</i> , 2021, 265, 118734.	2.0	17
128	Enhanced osteoarthritis therapy by nanoengineered mesenchymal stem cells using biomimetic CuS nanoparticles loaded with plasmid DNA encoding TGF- $\beta$ 1. <i>Bioactive Materials</i> , 2023, 19, 444-457.	8.6	17
129	Correlates of Hip Cartilage Defects: A Cross-sectional Study in Older Adults. <i>Journal of Rheumatology</i> , 2016, 43, 1406-1412.	1.0	16
130	Association Between Quantitatively Measured Infrapatellar Fat Pad High Signal Intensity Alteration and Magnetic Resonance Imaging Assessed Progression of Knee Osteoarthritis. <i>Arthritis Care and Research</i> , 2019, 71, 638-646.	1.5	16
131	Immunotherapy for Tumor Metastasis by Artificial Antigen-Presenting Cells via Targeted Microenvironment Regulation and T-Cell Activation. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 55890-55901.	4.0	16
132	Hierarchical functional nanoparticles boost osteoarthritis therapy by utilizing joint-resident mesenchymal stem cells. <i>Journal of Nanobiotechnology</i> , 2022, 20, 89.	4.2	16
133	Association of physical activity and physical performance with tibial cartilage volume and bone area in young adults. <i>Arthritis Research and Therapy</i> , 2015, 17, 298.	1.6	15
134	Cross-Sectional and Longitudinal Associations Between Serum Levels of High-Sensitivity C-Reactive Protein, Knee Bone Marrow Lesions, and Knee Pain in Patients With Knee Osteoarthritis. <i>Arthritis Care and Research</i> , 2016, 68, 1471-1477.	1.5	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 8...years. <i>Annals of the Rheumatic Diseases</i> , 2016, 75, 368-373.	0.5	15
136	Association of serum levels of inflammatory markers and adipokines with joint symptoms and structures in participants with knee osteoarthritis. <i>Rheumatology</i> , 2022, 61, 1044-1052.	0.9	15
137	Sprifermin: a recombinant human fibroblast growth factor 18 for the treatment of knee osteoarthritis. <i>Expert Opinion on Investigational Drugs</i> , 2021, 30, 923-930.	1.9	15
138	Investigational spleen tyrosine kinase (SYK) inhibitors for the treatment of autoimmune diseases. <i>Expert Opinion on Investigational Drugs</i> , 2022, 31, 291-303.	1.9	15
139	Association of Body Composition and Hormonal and Inflammatory Factors With Tibial Cartilage Volume and Sex Difference in Cartilage Volume in Young Adults. <i>Arthritis Care and Research</i> , 2016, 68, 517-525.	1.5	14
140	The association between oral contraceptive use, bone mineral density and fractures in women aged 50-80 years. <i>Contraception</i> , 2011, 84, 357-362.	0.8	13
141	Treatment with Etanercept in a Patient with Rheumatoid Arthritis-Associated Interstitial Lung Disease. <i>Clinical Medicine Insights: Case Reports</i> , 2011, 4, CCRRep.S8150.	0.3	13
142	Popliteal cysts and subgastrocnemius bursitis are associated with knee symptoms and structural abnormalities in older adults: a cross-sectional study. <i>Arthritis Research and Therapy</i> , 2014, 16, R59.	1.6	13
143	Longitudinal associations between adiposity and change in knee pain: Tasmanian older adult cohort study. <i>Seminars in Arthritis and Rheumatism</i> , 2016, 45, 564-569.	1.6	13
144	MRI-detected osteophytes of the knee: natural history and structural correlates of change. <i>Arthritis Research and Therapy</i> , 2018, 20, 237.	1.6	13

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145	Inactivation of mTORC1 Signaling in Osterix-Expressing Cells Impairs B-cell Differentiation. <i>Journal of Bone and Mineral Research</i> , 2018, 33, 732-742.	3.1	13
146	Vitamin D supplements for trunk muscle morphology in older adults: secondary analysis of a randomized controlled trial. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2019, 10, 177-187.	2.9	12
147	Studies on the antiinflammatory, immunoregulatory, and analgesic actions of melatonin. <i>Drug Development Research</i> , 1996, 39, 167-173.	1.4	11
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