Changhai Ding

List of Publications by Year
in descending order

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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	Enhanced osteoarthritis therapy by nanoengineered mesenchymal stem cells using biomimetic CuS nanoparticles loaded with plasmid DNA encoding TGF-Î²1. Bioactive Materials, 2023, 19, 444-457.	8.6	17
2	Association of serum levels of inflammatory markers and adipokines with joint symptoms and structures in participants with knee osteoarthritis. Rheumatology, 2022, 61, 1044-1052.	0.9	15
3	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.	2.3	3
4	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.	1.6	1
5	Investigational spleen tyrosine kinase (SYK) inhibitors for the treatment of autoimmune diseases. Expert Opinion on Investigational Drugs, 2022, 31, 291-303.	1.9	15
6	Hierarchical functional nanoparticles boost osteoarthritis therapy by utilizing joint-resident mesenchymal stem cells. Journal of Nanobiotechnology, 2022, 20, 89.	4.2	16
7	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.	0.6	5
8	Patient-Reported Quality of Life Before and After Total Knee Arthroplasty: A Multicenter Observational Study. Patient Preference and Adherence, 2022, Volume 16, 737-748.	0.8	4
9	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.	3.8	1
10	Highly effective rheumatoid arthritis therapy by peptide-promoted nanomodification of mesenchymal stem cells. Biomaterials, 2022, 283, 121474.	5.7	9
11	Longitudinal association of infrapatellar fat pad signal intensity alteration with biochemical biomarkers in knee osteoarthritis. Rheumatology, 2022, 62, 439-449.	0.9	4
12	MRI-based Texture Analysis of Infrapatellar Fat Pad to Predict Knee Osteoarthritis Incidence. Radiology, 2022, 304, 611-621.	3.6	23
13	The lncRNA PILA promotes NF-Î°B signaling in osteoarthritis by stimulating the activity of the protein arginine methyltransferase PRMT1. Science Signaling, 2022, 15, .	1.6	18
14	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, .	0.8	4
15	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.	0.6	7
16	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.	0.6	5
17	Effects of Vitamin D Supplementation on Disabling Foot Pain in Patients With Symptomatic Knee Osteoarthritis. Arthritis Care and Research, 2021, 73, 781-787.	1.5	9
18	Multi-omics analysis of copy number variations of RNA regulatory genes in soft tissue sarcoma. Life Sciences, 2021, 265, 118734.	2.0	17

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19	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.	1.2	7
20	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.	2.1	22
21	Depression in patients with knee osteoarthritis: risk factors and associations with joint symptoms. BMC Musculoskeletal Disorders, 2021, 22, 40.	0.8	47
22	Decreased miR-214â€“3p activates NF-ÎºB pathway and aggravates osteoarthritis progression. EBioMedicine, 2021, 65, 103283.	2.7	65
23	Associations of blood pressure and arterial stiffness with knee cartilage volume in patients with knee osteoarthritis. Rheumatology, 2021, 60, 4748-4754.	0.9	2
24	New Trends in Pharmacological Treatments for Osteoarthritis. Frontiers in Pharmacology, 2021, 12, 645842.	1.6	51
25	Associations between diet quality and knee joint structures, symptoms and systemic abnormalities in people with symptomatic knee osteoarthritis. Clinical Nutrition, 2021, 40, 2483-2490.	2.3	6
26	Association between knee symptoms, change in knee symptoms over 6â€“9Âyears, and SF-6D health state utility among middle-aged Australians. Quality of Life Research, 2021, 30, 2601-2613.	1.5	4
27	AMPK Signaling in Energy Control, Cartilage Biology, and Osteoarthritis. Frontiers in Cell and Developmental Biology, 2021, 9, 696602.	1.8	28
28	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.	1.2	1
29	Prevalence and Clinical Significance of Residual or Reconverted Red Bone Marrow on Knee MRI. Diagnostics, 2021, 11, 1531.	1.3	1
30	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.	0.9	2
31	Sprifermin: a recombinant human fibroblast growth factor 18 for the treatment of knee osteoarthritis. Expert Opinion on Investigational Drugs, 2021, 30, 923-930.	1.9	15
32	Osteoarthritic infrapatellar fat pad aggravates cartilage degradation via activation of p38MAPK and ERK1/2 pathways. Inflammation Research, 2021, 70, 1129-1139.	1.6	10
33	Effect of Atorvastatin on Knee Cartilage Volume in Patients With Symptomatic Knee Osteoarthritis: Results From a Randomized Placeboâ€Controlled Trial. Arthritis and Rheumatology, 2021, 73, 2035-2043.	2.9	7
34	Copy number variation analysis of m⁶A regulators identified METTL3 as a prognostic and immuneâ€related biomarker in bladder cancer. Cancer Medicine, 2021, 10, 7804-7815.	1.3	7
35	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.	4.0	16
36	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.	0.8	10

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37	Inflammatory phenotype of osteoarthritis and its potential therapies. Rheumatology & Autoimmunity, 2021, 1, 92-100.	0.3	6
38	Association of body composition, physical activity and physical performance with knee cartilage thickness and bone area in young adults. Rheumatology, 2020, 59, 1607-1616.	0.9	4
39	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.	1.6	3
40	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.	1.0	8
41	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.	0.7	0
42	Effectiveness of Curcuma longa Extract for the Treatment of Symptoms and Effusionâ€“Synovitis of Knee Osteoarthritis. Annals of Internal Medicine, 2020, 173, 861-869.	2.0	68
43	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.	0.8	5
44	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
45	Pharmacotherapy for knee osteoarthritis: current and emerging therapies. Expert Opinion on Pharmacotherapy, 2020, 21, 797-809.	0.9	51
46	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.	0.9	0
47	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.	0.8	11
48	Avoidance of Duplicate Publications From Randomized Clinical Trials. JAMA Network Open, 2020, 3, e2027184.	2.8	0
49	Association Between Quantitatively Measured Infrapatellar Fat Pad High Signalâ€Intensity Alteration and Magnetic Resonance Imagingâ€“Assessed Progression of Knee Osteoarthritis. Arthritis Care and Research, 2019, 71, 638-646.	1.5	16
50	Response to: â€˜Infrapatellar fat pad resection during total knee replacement: yet another reason?â€™ by Ryan. Annals of the Rheumatic Diseases, 2019, 78, e64-e64.	0.5	1
51	Chondrocyte mTORC1 activation stimulates miRâ€483â€5p via HDAC4 in osteoarthritis progression. Journal of Cellular Physiology, 2019, 234, 2730-2740.	2.0	17
52	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.	1.0	19
53	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.	1.2	7
54	Ambulatory activity interacts with common risk factors for osteoarthritis to modify increases in MRI-detected osteophytes. Osteoarthritis and Cartilage, 2019, 27, 650-658.	0.6	8

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55	Tyrosine kinase inhibitors for the treatment of rheumatoid arthritis: phase I to â...¡ clinical trials. Expert Opinion on Investigational Drugs, 2019, 28, 1113-1123.	1.9	5
56	Patellar tendon enthesis abnormalities and their association with knee pain and structural abnormalities in older adults. Osteoarthritis and Cartilage, 2019, 27, 449-458.	0.6	5
57	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.	2.9	12
58	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.	1.2	21
59	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.	1.6	7
60	Quantitative Signal Intensity Alteration in Infrapatellar Fat Pad Predicts Incident Radiographic Osteoarthritis: The Osteoarthritis Initiative. Arthritis Care and Research, 2019, 71, 30-38.	1.5	25
61	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.	1.5	3
62	Current status and future prospects for disease modification in osteoarthritis. Rheumatology, 2018, 57, iv108-iv123.	0.9	29
63	Systemic and local adipose tissue in knee osteoarthritis. Osteoarthritis and Cartilage, 2018, 26, 864-871.	0.6	65
64	The importance of synovial inflammation in osteoarthritis: current evidence from imaging assessments and clinical trials. Osteoarthritis and Cartilage, 2018, 26, 165-174.	0.6	90
65	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.	0.9	5
66	MRI-detected osteophytes of the knee: natural history and structural correlates of change. Arthritis Research and Therapy, 2018, 20, 237.	1.6	13
67	Investigational drugs for the treatment of osteoarthritis, an update on recent developments. Expert Opinion on Investigational Drugs, 2018, 27, 881-900.	1.9	44
68	A novel method for assessing proximal tibiofibular joint on MR images in patients with knee osteoarthritis. Osteoarthritis and Cartilage, 2018, 26, 1675-1682.	0.6	5
69	Signal intensity alteration within infrapatellar fat pad predicts knee replacement within 5Âyears: data from the Osteoarthritis Initiative. Osteoarthritis and Cartilage, 2018, 26, 1345-1350.	0.6	28
70	Associations between knee structural measures, circulating inflammatory factors and MMP13 in patients with knee osteoarthritis. Osteoarthritis and Cartilage, 2018, 26, 1063-1069.	0.6	42
71	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.	0.6	8
72	Vitamin D supplementation and inflammatory and metabolic biomarkers in patients with knee osteoarthritis: post hoc analysis of a randomised controlled trial. British Journal of Nutrition, 2018, 120, 41-48.	1.2	22

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73	Associations between circulating adipokines and bone mineral density in patients with knee osteoarthritis: a cross-sectional study. BMC Musculoskeletal Disorders, 2018, 19, 16.	0.8	19
74	Implementation of telemedicine for knee osteoarthritis: study protocol for a randomized controlled trial. Trials, 2018, 19, 232.	0.7	9
75	Inactivation of mTORC1 Signaling in Osterix-Expressing Cells Impairs B-cell Differentiation. Journal of Bone and Mineral Research, 2018, 33, 732-742.	3.1	13
76	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.	0.9	35
77	Test-retest reliability of measurements of abdominal and multifidus muscles using ultrasound imaging in adults aged 50â€“79 years. Musculoskeletal Science and Practice, 2017, 28, 79-84.	0.6	21
78	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.	0.6	22
79	Strontium ranelate, a promising disease modifying osteoarthritis drug. Expert Opinion on Investigational Drugs, 2017, 26, 375-380.	1.9	32
80	Knee effusion-synovitis volume measurement and effects of vitamin D supplementation in patients with knee osteoarthritis. Osteoarthritis and Cartilage, 2017, 25, 1304-1312.	0.6	49
81	Associations between endogenous sex hormones and MRI structural changes in patients with symptomatic knee osteoarthritis. Osteoarthritis and Cartilage, 2017, 25, 1100-1106.	0.6	40
82	Osteoblasts support megakaryopoiesis through production of interleukin-9. Blood, 2017, 129, 3196-3209.	0.6	31
83	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.	0.6	24
84	mTORC1 Inhibits NF-ÎºB/NFATc1 Signaling and Prevents Osteoclast Precursor Differentiation, In Vitro and In Mice. Journal of Bone and Mineral Research, 2017, 32, 1829-1840.	3.1	65
85	Maintaining Vitamin D Sufficiency Is Associated with Improved Structural and Symptomatic Outcomes in Knee Osteoarthritis. American Journal of Medicine, 2017, 130, 1211-1218.	0.6	39
86	Associations between proximal tibiofibular joint (PTFJ) types and knee osteoarthritic changes in older adults. Osteoarthritis and Cartilage, 2017, 25, 1452-1458.	0.6	10
87	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.	1.1	26
88	Autophagy-related IRGM genes confer susceptibility to ankylosing spondylitis in a Chinese female population: a caseâ€“control study. Genes and Immunity, 2017, 18, 42-47.	2.2	25
89	Associations between MRI-detected early osteophytes and knee structure in older adults: a population-based cohort study. Osteoarthritis and Cartilage, 2017, 25, 2055-2062.	0.6	11
90	Associations Between Knee Effusion-synovitis and Joint Structural Changes in Patients with Knee Osteoarthritis. Journal of Rheumatology, 2017, 44, 1644-1651.	1.0	31

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91	Vitamin D and osteoarthritis: disparity between observational studies and clinical trials. International Journal of Rheumatic Diseases, 2017, 20, 671-674.	0.9	5
92	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.	0.6	28
93	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.	0.6	6
94	Associations Between Fat Mass and Multisite Pain: A Fiveâ€Year Longitudinal Study. Arthritis Care and Research, 2017, 69, 509-516.	1.5	33
95	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.	1.5	8
96	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.	0.6	45
97	Pathogenic variants screening in seventeen candidate genes on 2p15 for association with ankylosing spondylitis in a Han Chinese population. PLoS ONE, 2017, 12, e0177080.	1.1	4
98	Quantitative Assessment of Knee Effusionâ€Synovitis in Older Adults: Association With Knee Structural Abnormalities. Arthritis and Rheumatology, 2016, 68, 837-844.	2.9	29
99	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.	1.5	15
100	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.	1.5	7
101	Response to: â€˜The role of infrapatellar fat pad resection in total knee arthroplastyâ€™ by Whiteet al. Annals of the Rheumatic Diseases, 2016, 75, e67-e67.	0.5	7
102	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.	1.6	31
103	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.	1.6	33
104	Response to â€˜Infrapatellar fat pad maximal area and changes in knee symptoms: gender-related difference or gender difference in reporting?â€™ by Baiet al. Annals of the Rheumatic Diseases, 2016, 75, e4-e4.	0.5	1
105	Correlates of knee bone marrow lesions in younger adults. Arthritis Research and Therapy, 2016, 18, 31.	1.6	21
106	Monoclonal antibodies for the treatment of osteoarthritis. Expert Opinion on Biological Therapy, 2016, 16, 1529-1540.	1.4	24
107	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.	0.6	24
108	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

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109	Vitamin D Supplementation and Progression of Knee Osteoarthritisâ€"Reply. JAMA - Journal of the American Medical Association, 2016, 316, 348.	3.8	0
110	Does cartilage volume measurement or radiographic osteoarthritis at baseline independently predict ten-year cartilage volume loss?. BMC Musculoskeletal Disorders, 2016, 17, 54.	0.8	6
111	Correlates of Hip Cartilage Defects: A Cross-sectional Study in Older Adults. Journal of Rheumatology, 2016, 43, 1406-1412.	1.0	16
112	Natural history and clinical significance of meniscal tears over 8Âyears in a midlife cohort. BMC Musculoskeletal Disorders, 2016, 17, 4.	0.8	20
113	Change in knee structure and change in tibiofemoral joint space width: a five year longitudinal populationâ€"based study. BMC Musculoskeletal Disorders, 2016, 17, 25.	0.8	9
114	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.	1.5	14
115	Patellofemoral Bone Marrow Lesions: Natural History and Associations With Pain and Structure. Arthritis Care and Research, 2016, 68, 1647-1654.	1.5	9
116	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
117	Cross-sectional and Longitudinal Associations between Knee Joint Effusion Synovitis and Knee Pain in Older Adults. Journal of Rheumatology, 2016, 43, 121-130.	1.0	40
118	Associations between vitamin D receptor gene polymorphisms and ankylosing spondylitis in Chinese Han population: a caseâ€"control study. Osteoporosis International, 2016, 27, 2327-2333.	1.3	23
119	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.	0.5	75
120	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.	3.8	156
121	Association of Î²-defensin gene copy number variations with ankylosing spondylitis in Chinese population: A caseâ€"control study. Modern Rheumatology, 2016, 26, 146-150.	0.9	8
122	Association between circulating adipokines, radiographic changes, and knee cartilage volume in patients with knee osteoarthritis. Scandinavian Journal of Rheumatology, 2016, 45, 224-229.	0.6	31
123	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.	0.5	61
124	Longitudinal associations between adiposity and change in knee pain: Tasmanian older adult cohort study. Seminars in Arthritis and Rheumatism, 2016, 45, 564-569.	1.6	13
125	Association of physical activity and physical performance with tibial cartilage volume and bone area in young adults. Arthritis Research and Therapy, 2015, 17, 298.	1.6	15
126	Does statin use have a disease modifying effect in symptomatic knee osteoarthritis? Study protocol for a randomised controlled trial. Trials, 2015, 16, 584.	0.7	21

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127	Association between <scp>DEFB103</scp> gene copy number variation and ankylosing spondylitis: a caseâ€“control study. Tissue Antigens, 2015, 86, 195-198.	1.0	4
128	Childhood Physical Performance Measures and Adulthood Knee Cartilage Volume and Bone Area: A 25â€Year Cohort Study. Arthritis Care and Research, 2015, 67, 1263-1271.	1.5	9
129	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.	1.0	4
130	Aspirin is associated with reduced cartilage loss in knee osteoarthritis: Data from a cohort study. Maturitas, 2015, 81, 394-397.	1.0	10
131	Response to: â€˜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?â€™ by Leiet al. Annals of the Rheumatic Diseases, 2015, 74, e45-e45.	0.5	1
132	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.	1.2	8
133	A large infrapatellar fat pad protects against knee pain and lateral tibial cartilage volume loss. Arthritis Research and Therapy, 2015, 17, 318.	1.6	42
134	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.	0.5	87
135	Familial effects on structural changes relevant to knee osteoarthritis: a prospective cohort study. Osteoarthritis and Cartilage, 2015, 23, 559-564.	0.6	7
136	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.	0.6	20
137	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.	0.5	38
138	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.	0.6	26
139	Investigational drugs for the treatment of osteoarthritis. Expert Opinion on Investigational Drugs, 2015, 24, 1539-1556.	1.9	47
140	Association Between Infrapatellar Fat Pad Volume and Knee Structural Changes in Patients with Knee Osteoarthritis. Journal of Rheumatology, 2015, 42, 1878-1884.	1.0	69
141	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.	0.6	0
142	Metabolic triggered inflammation in osteoarthritis. Osteoarthritis and Cartilage, 2015, 23, 22-30.	0.6	205
143	Cross-sectional and longitudinal associations between circulating leptin and knee cartilage thickness in older adults. Annals of the Rheumatic Diseases, 2015, 74, 82-88.	0.5	58
144	Circulating C reactive protein in osteoarthritis: a systematic review and meta-analysis. Annals of the Rheumatic Diseases, 2015, 74, 703-710.	0.5	200

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145	Association between GDF5 rs143383 polymorphism and knee osteoarthritis: an updated meta-analysis based on 23,995 subjects. BMC Musculoskeletal Disorders, 2014, 15, 404.	0.8	25
146	Single nucleotide polymorphisms of the interleukin-33 (IL-33) gene are associated with ankylosing spondylitis in Chinese individuals: a caseâ€“control pilot study. Scandinavian Journal of Rheumatology, 2014, 43, 374-379.	0.6	25
147	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
148	Infrapatellar fat pad in the knee: is local fat good or bad for knee osteoarthritis?. Arthritis Research and Therapy, 2014, 16, R145.	1.6	80
149	The clinical significance, natural history and predictors of bone marrow lesion change over eight years. Arthritis Research and Therapy, 2014, 16, R149.	1.6	21
150	Responsiveness of Magnetic Resonance Imaging-derived Measures Over 2.7 Years. Journal of Rheumatology, 2014, 41, 2060-2067.	1.0	8
151	Cartilage signal intensity on T1-weighted MRI: association with risk factors and measures of knee osteoarthritis. Clinical Rheumatology, 2014, 33, 359-368.	1.0	6
152	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.	0.5	72
153	Response to: â€˜Paying attention to arbitrary causality and the preciseness of conclusionâ€™ by Leiet al. Annals of the Rheumatic Diseases, 2014, 73, e23-e23.	0.5	0
154	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
155	Associations between vitamin D receptor gene polymorphisms and osteoarthritis: an updated meta-analysis. Rheumatology, 2014, 53, 998-1008.	0.9	34
156	Associations between serum 25-hydroxyvitamin D and disease activity, inflammatory cytokines and bone loss in patients with rheumatoid arthritis. Rheumatology, 2014, 53, 1994-2001.	0.9	63
157	Mass effect and signal intensity alteration in the suprapatellar fat pad: associations with knee symptoms and structure. Osteoarthritis and Cartilage, 2014, 22, 1619-1626.	0.6	29
158	Measurement of volume-occupying rate of cervical spinal canal and its role in cervical spondylotic myelopathy. European Spine Journal, 2013, 22, 1152-1157.	1.0	17
159	Association between serum levels of 25-hydroxyvitamin D and osteoarthritis: a systematic review. Rheumatology, 2013, 52, 1323-1334.	0.9	77
160	Does Smoking Reduce the Progression of Osteoarthritis? Metaâ€Analysis of Observational Studies. Arthritis Care and Research, 2013, 65, 1026-1033.	1.5	22
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