

Yuanyuan Wang

List of Publications by Year in Descending Order

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Version: 2024-04-28

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

156
papers

3,985
citations

35
h-index

56
g-index

159
ext. papers

4,744
ext. citations

4.4
avg, IF

5.2
L-index

#	Paper	IF	Citations
156	Association between arthritis and cardiovascular risk factors in community-based adults: an opportunity to target cardiovascular risk.. <i>BMC Cardiovascular Disorders</i> , 2022 , 22, 232	2.3	
155	Effect of Intra-articular Platelet-Rich Plasma vs Placebo Injection on Pain and Medial Tibial Cartilage Volume in Patients With Knee Osteoarthritis: The RESTORE Randomized Clinical Trial. <i>JAMA - Journal of the American Medical Association</i> , 2021 , 326, 2021-2030	27.4	29
154	METHODS - A randomised controlled trial of METHotrexate to treat Hand Osteoarthritis with Synovitis: study protocol for a randomised controlled trial. <i>BMC Musculoskeletal Disorders</i> , 2021 , 22, 953	2.8	1
153	Association between circulating 25-hydroxyvitamin D concentrations and hip replacement for osteoarthritis: a prospective cohort study. <i>BMC Musculoskeletal Disorders</i> , 2021 , 22, 887	2.8	0
152	Association between clusters of back and joint pain with opioid use in middle-aged community-based women: a prospective cohort study. <i>BMC Musculoskeletal Disorders</i> , 2021 , 22, 863	2.8	1
151	Patellar cartilage increase following ACL reconstruction with and without meniscal pathology: a two-year prospective MRI morphological study. <i>BMC Musculoskeletal Disorders</i> , 2021 , 22, 909	2.8	
150	Effect of low-dose amitriptyline on low back pain with a neuropathic component: a post hoc analysis. <i>Spine Journal</i> , 2021 , 21, 899-902	4	
149	The Association Between Different Trajectories of Low Back Pain and Degenerative Imaging Findings in Young Adult Participants within The Raine Study. <i>Spine</i> , 2021 ,	3.3	4
148	Effect of Stem Cell Injections on Osteoarthritis-related Structural Outcomes: A Systematic Review. <i>Journal of Rheumatology</i> , 2021 , 48, 585-597	4.1	2
147	Obesity defined by body mass index and waist circumference and risk of total knee arthroplasty for osteoarthritis: A prospective cohort study. <i>PLoS ONE</i> , 2021 , 16, e0245002	3.7	3
146	Effect of low-dose amitriptyline on reducing pain in clinical knee osteoarthritis compared to benztropine: study protocol of a randomised, double blind, placebo-controlled trial. <i>BMC Musculoskeletal Disorders</i> , 2021 , 22, 826	2.8	0
145	Effect of Atorvastatin on Knee Cartilage Volume in Patients With Symptomatic Knee Osteoarthritis: Results From a Randomized Placebo-Controlled Trial. <i>Arthritis and Rheumatology</i> , 2021 , 73, 2035-2043	9.5	1
144	Automated segmentation of knee articular cartilage: Joint deep and hand-crafted learning-based framework using diffeomorphic mapping. <i>Neurocomputing</i> , 2021 , 467, 36-36	5.4	1
143	Topical corticosteroid for treatment of hand osteoarthritis: study protocol for a randomised controlled trial.. <i>BMC Musculoskeletal Disorders</i> , 2021 , 22, 1036	2.8	1
142	Obesity defined by body mass index and waist circumference and risk of total knee arthroplasty for osteoarthritis: A prospective cohort study 2021 , 16, e0245002		
141	Obesity defined by body mass index and waist circumference and risk of total knee arthroplasty for osteoarthritis: A prospective cohort study 2021 , 16, e0245002		
140	Obesity defined by body mass index and waist circumference and risk of total knee arthroplasty for osteoarthritis: A prospective cohort study 2021 , 16, e0245002		

139	Obesity defined by body mass index and waist circumference and risk of total knee arthroplasty for osteoarthritis: A prospective cohort study 2021 , 16, e0245002		
138	Obesity defined by body mass index and waist circumference and risk of total knee arthroplasty for osteoarthritis: A prospective cohort study 2021 , 16, e0245002		
137	Obesity defined by body mass index and waist circumference and risk of total knee arthroplasty for osteoarthritis: A prospective cohort study 2021 , 16, e0245002		
136	Association Between Inflammatory Biomarkers and Nonspecific Low Back Pain: A Systematic Review. <i>Clinical Journal of Pain</i> , 2020 , 36, 379-389	3.5	18
135	A review on segmentation of knee articular cartilage: from conventional methods towards deep learning. <i>Artificial Intelligence in Medicine</i> , 2020 , 106, 101851	7.4	13
134	Association between hip muscle cross-sectional area and hip pain and function in individuals with mild-to-moderate hip osteoarthritis: a cross-sectional study. <i>BMC Musculoskeletal Disorders</i> , 2020 , 21, 316	2.8	2
133	Rates, costs and determinants of lumbar spine imaging in population-based women born in 1973-1978: Data from the Australian Longitudinal Study on Women's Health. <i>PLoS ONE</i> , 2020 , 15, e0243282	3.7	2
132	Association between increased signal intensity at the proximal patellar tendon and patellofemoral geometry in community-based asymptomatic middle-aged adults: a cross-sectional study. <i>BMC Musculoskeletal Disorders</i> , 2020 , 21, 571	2.8	
131	Vascular Pathology and Osteoarthritis: A Systematic Review. <i>Journal of Rheumatology</i> , 2020 , 47, 748-760	4.1	9
130	Associations of Joint Line Tenderness and Patellofemoral Grind With Long-Term Knee Joint Outcomes: Data From the Osteoarthritis Initiative. <i>Arthritis Care and Research</i> , 2020 , 72, 778-786	4.7	0
129	The bulge sign - a simple physical examination for identifying progressive knee osteoarthritis: data from the Osteoarthritis Initiative. <i>Rheumatology</i> , 2020 , 59, 1288-1295	3.9	2
128	Effect of Intravenous Zoledronic Acid on Tibiofemoral Cartilage Volume Among Patients With Knee Osteoarthritis With Bone Marrow Lesions: A Randomized Clinical Trial. <i>JAMA - Journal of the American Medical Association</i> , 2020 , 323, 1456-1466	27.4	30
127	Effect of breakfast on weight and energy intake: systematic review and meta-analysis of randomised controlled trials. <i>BMJ, The</i> , 2019 , 364, l42	5.9	68
126	Association between metformin use and disease progression in obese people with knee osteoarthritis: data from the Osteoarthritis Initiative-a prospective cohort study. <i>Arthritis Research and Therapy</i> , 2019 , 21, 127	5.7	28
125	Greater magnitude tibiofemoral contact forces are associated with reduced prevalence of osteochondral pathologies 2-3 years following anterior cruciate ligament reconstruction. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2019 , 27, 707-715	5.5	11
124	High baseline fat mass, but not lean tissue mass, is associated with high intensity low back pain and disability in community-based adults. <i>Arthritis Research and Therapy</i> , 2019 , 21, 165	5.7	10
123	Tibiofemoral joint structural change from 2.5 to 4.5 years following ACL reconstruction with and without combined meniscal pathology. <i>BMC Musculoskeletal Disorders</i> , 2019 , 20, 312	2.8	10
122	Nutrients and Dietary Supplements for Osteoarthritis 2019 , 97-137		4

121	Knee effusion volume assessed by magnetic resonance imaging and progression of knee osteoarthritis: data from the Osteoarthritis Initiative. <i>Rheumatology</i> , 2019 , 58, 246-253	3.9	15
120	Female Reproductive and Hormonal Factors and Incidence of Primary Total Knee Arthroplasty Due to Osteoarthritis. <i>Arthritis and Rheumatology</i> , 2018 , 70, 1022-1029	9.5	12
119	Cartilage quantitative T2 relaxation time 2-4 years following isolated anterior cruciate ligament reconstruction. <i>Journal of Orthopaedic Research</i> , 2018 , 36, 2022-2029	3.8	5
118	Effect of a low-intensity, self-management lifestyle intervention on knee pain in community-based young to middle-aged rural women: a cluster randomised controlled trial. <i>Arthritis Research and Therapy</i> , 2018 , 20, 74	5.7	6
117	Efficacy of intra-articular injections of platelet-rich plasma as a symptom- and disease-modifying treatment for knee osteoarthritis - the RESTORE trial protocol. <i>BMC Musculoskeletal Disorders</i> , 2018 , 19, 272	2.8	20
116	A protocol for a multicentre, randomised, double-blind, placebo-controlled trial to compare the effect of annual infusions of zoledronic acid to placebo on knee structural change and knee pain over 24 months in knee osteoarthritis patients - ZAP2. <i>BMC Musculoskeletal Disorders</i> , 2018 , 19, 217	2.8	14
115	Patients' perceived needs of osteoarthritis health information: A systematic scoping review. <i>PLoS ONE</i> , 2018 , 13, e0195489	3.7	18
114	Course and Contributors to Back Pain in Middle-aged Women Over 9 Years: Data From the Australian Longitudinal Study on Women's Health. <i>Spine</i> , 2018 , 43, 1648-1656	3.3	4
113	Histoire naturelle des aspects Modic: Étude longitudinale. <i>Revue Du Rhumatisme (Edition Francaise)</i> , 2018 , 85, 85-89	0.1	
112	Knee pain as a predictor of structural progression over 4 years: data from the Osteoarthritis Initiative, a prospective cohort study. <i>Arthritis Research and Therapy</i> , 2018 , 20, 250	5.7	21
111	Efficacy of Low-Dose Amitriptyline for Chronic Low Back Pain: A Randomized Clinical Trial. <i>JAMA Internal Medicine</i> , 2018 , 178, 1474-1481	11.5	25
110	Could low birth weight and preterm birth be associated with significant burden of hip osteoarthritis? A systematic review. <i>Arthritis Research and Therapy</i> , 2018 , 20, 121	5.7	8
109	Cartilage morphology at 2-3 years following anterior cruciate ligament reconstruction with or without concomitant meniscal pathology. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2017 , 25, 426-436	5.5	20
108	The natural history of Modic changes in a community-based cohort. <i>Joint Bone Spine</i> , 2017 , 84, 197-202	2.9	15
107	Fat mass and fat distribution are associated with low back pain intensity and disability: results from a cohort study. <i>Arthritis Research and Therapy</i> , 2017 , 19, 26	5.7	30
106	How Are Obesity and Body Composition Related to Patellar Cartilage? A Systematic Review. <i>Journal of Rheumatology</i> , 2017 , 44, 1071-1082	4.1	7
105	Association between Dairy Product Consumption and Incidence of Total Hip Arthroplasty for Osteoarthritis. <i>Journal of Rheumatology</i> , 2017 , 44, 1066-1070	4.1	3
104	Safety, tolerability, clinical, and joint structural outcomes of a single intra-articular injection of allogeneic mesenchymal precursor cells in patients following anterior cruciate ligament reconstruction: a controlled double-blind randomised trial. <i>Arthritis Research and Therapy</i> , 2017 , 19, 180	5.7	30

103	Associations between systemic bone mineral density and early knee cartilage changes in middle-aged adults without clinical knee disease: a prospective cohort study. <i>Arthritis Research and Therapy</i> , 2017 , 19, 98	5.7	12
102	Negative beliefs about low back pain are associated with persistent high intensity low back pain. <i>Psychology, Health and Medicine</i> , 2017 , 22, 790-799	2.1	11
101	Predictors of Back Pain in Middle-Aged Women: Data From the Australian Longitudinal Study of Women's Health. <i>Arthritis Care and Research</i> , 2017 , 69, 709-716	4.7	13
100	Hip arthroscopy for femoroacetabular impingement: use escalating beyond the evidence. <i>Medical Journal of Australia</i> , 2017 , 206, 424-426	4	1
99	Increased duration of co-contraction of medial knee muscles is associated with greater progression of knee osteoarthritis. <i>Manual Therapy</i> , 2016 , 21, 151-8		78
98	Association Between Dietary Intake of Antioxidants and Prevalence of Femoral Head Cartilage Defects and Bone Marrow Lesions in Community-based Adults. <i>Journal of Rheumatology</i> , 2016 , 43, 1885-1890	4.1	7
97	Associations between television viewing and physical activity and low back pain in community-based adults: A cohort study. <i>Medicine (United States)</i> , 2016 , 95, e3963	1.8	20
96	The interaction between physical activity and amount of baseline knee cartilage. <i>Rheumatology</i> , 2016 , 55, 1277-84	3.9	7
95	Modic changes in the lumbar spine and their association with body composition, fat distribution and intervertebral disc height - a 3.0 T-MRI study. <i>BMC Musculoskeletal Disorders</i> , 2016 , 17, 92	2.8	17
94	Response to: A dose-response relationship between severity of disc degeneration and intervertebral disc height in the lumbosacral spine. <i>Arthritis Research and Therapy</i> , 2016 , 18, 45	5.7	
93	Associations of surgical and nonsurgical weight loss with knee musculature: a cohort study of obese adults. <i>Surgery for Obesity and Related Diseases</i> , 2016 , 12, 158-64	3	3
92	Bone marrow lesions detected by specific combination of MRI sequences are associated with severity of osteochondral degeneration. <i>Arthritis Research and Therapy</i> , 2016 , 18, 54	5.7	42
91	Shorter Lumbar Paraspinal Fascia Is Associated With High Intensity Low Back Pain and Disability. <i>Spine</i> , 2016 , 41, E489-93	3.3	14
90	Relationships Between Weight, Physical Activity, and Back Pain in Young Adult Women. <i>Medicine (United States)</i> , 2016 , 95, e3368	1.8	9
89	Lumbar disc degeneration is associated with modic change and high paraspinal fat content - a 3.0T magnetic resonance imaging study. <i>BMC Musculoskeletal Disorders</i> , 2016 , 17, 439	2.8	31
88	Relationship between circulating sex steroid hormone concentrations and incidence of total knee and hip arthroplasty due to osteoarthritis in men. <i>Osteoarthritis and Cartilage</i> , 2016 , 24, 1408-12	6.2	8
87	Occupational risk factors for hip osteoarthritis are associated with early hip structural abnormalities: a 3.0T magnetic resonance imaging study of community-based adults. <i>Arthritis Research and Therapy</i> , 2015 , 17, 19	5.7	14
86	Association between popliteal artery wall thickness and knee cartilage volume loss in community-based middle-aged women without clinical knee disease. <i>Maturitas</i> , 2015 , 82, 222-7	5	5

85	Association between serum concentration of 25-hydroxyvitamin D and the risk of hip arthroplasty for osteoarthritis: result from a prospective cohort study. <i>Osteoarthritis and Cartilage</i> , 2015 , 23, 2134-2140	6.2	11
84	Reply: To PMID 24692288. <i>Arthritis and Rheumatology</i> , 2015 , 67, 315-6	9.5	
83	Retinal arteriolar narrowing and incidence of knee replacement for osteoarthritis: a prospective cohort study. <i>Osteoarthritis and Cartilage</i> , 2015 , 23, 589-93	6.2	10
82	Fat infiltration of paraspinal muscles is associated with low back pain, disability, and structural abnormalities in community-based adults. <i>Spine Journal</i> , 2015 , 15, 1593-601	4	116
81	A Dose-response relationship between severity of disc degeneration and intervertebral disc height in the lumbosacral spine. <i>Arthritis Research and Therapy</i> , 2015 , 17, 297	5.7	10
80	Factors associated with magnetic resonance imaging defined patellar tendinopathy in community-based middle-aged women: a prospective cohort study. <i>BMC Musculoskeletal Disorders</i> , 2015 , 16, 184	2.8	15
79	Weight change and change in tibial cartilage volume and symptoms in obese adults. <i>Annals of the Rheumatic Diseases</i> , 2015 , 74, 1024-9	2.4	52
78	Are cognitive and behavioural factors associated with knee pain? A systematic review. <i>Seminars in Arthritis and Rheumatism</i> , 2015 , 44, 445-55	5.3	39
77	Association of low birth weight and preterm birth with the incidence of knee and hip arthroplasty for osteoarthritis. <i>Arthritis Care and Research</i> , 2015 , 67, 502-8	4.7	25
76	Early cartilage abnormalities at the hip are associated with obesity and body composition measures - a 3.0T MRI community-based study. <i>Arthritis Research and Therapy</i> , 2015 , 17, 107	5.7	8
75	Physical inactivity is associated with narrower lumbar intervertebral discs, high fat content of paraspinal muscles and low back pain and disability. <i>Arthritis Research and Therapy</i> , 2015 , 17, 114	5.7	57
74	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	2.8	15
73	Magnetic Resonance Imaging-Assessed Vastus Medialis Muscle Fat Content and Risk for Knee Osteoarthritis Progression: Relevance From a Clinical Trial. <i>Arthritis Care and Research</i> , 2015 , 67, 1406-15	4.7	17
72	Bone geometry of the hip is associated with obesity and early structural damage--a 3.0 T magnetic resonance imaging study of community-based adults. <i>Arthritis Research and Therapy</i> , 2015 , 17, 112	5.7	8
71	Wolff's law in action: a mechanism for early knee osteoarthritis. <i>Arthritis Research and Therapy</i> , 2015 , 17, 207	5.7	32
70	Bone marrow lesions can be subtyped into groups with different clinical outcomes using two magnetic resonance imaging (MRI) sequences. <i>Arthritis Research and Therapy</i> , 2015 , 17, 270	5.7	11
69	Do Moments and Strength Predict Cartilage Changes after Partial Meniscectomy?. <i>Medicine and Science in Sports and Exercise</i> , 2015 , 47, 1549-56	1.2	28
68	Age Related Macular Degeneration and Total Hip Replacement Due to Osteoarthritis or Fracture: Melbourne Collaborative Cohort Study. <i>PLoS ONE</i> , 2015 , 10, e0137322	3.7	8

67	Body composition is associated with multisite lower body musculoskeletal pain in a community-based study. <i>Journal of Pain</i> , 2015 , 16, 700-6	5.2	21
66	Association between popliteal artery wall thickness and knee structure in adults without clinical disease of the knee: a prospective cohort study. <i>Arthritis and Rheumatology</i> , 2015 , 67, 414-22	9.5	11
65	Aspirin is associated with reduced cartilage loss in knee osteoarthritis: Data from a cohort study. <i>Maturitas</i> , 2015 , 81, 394-7	5	8
64	A large infrapatellar fat pad protects against knee pain and lateral tibial cartilage volume loss. <i>Arthritis Research and Therapy</i> , 2015 , 17, 318	5.7	35
63	Adipose derived mesenchymal stem cell therapy in the treatment of isolated knee chondral lesions: design of a randomised controlled pilot study comparing arthroscopic microfracture versus arthroscopic microfracture combined with postoperative mesenchymal stem cell injections. <i>BMJ Open</i> , 2015 , 5, e009332	3	40
62	Obesity and Joint Disease 2014 , 325-339		
61	Association between urinary C-telopeptide fragments of type II collagen and knee structure in middle-aged women without clinical knee disease. <i>Osteoarthritis and Cartilage</i> , 2014 , 22, 1136-41	6.2	6
60	Association between obesity and magnetic resonance imaging defined patellar tendinopathy in community-based adults: a cross-sectional study. <i>BMC Musculoskeletal Disorders</i> , 2014 , 15, 266	2.8	25
59	Association of obesity and systemic factors with bone marrow lesions at the knee: a systematic review. <i>Seminars in Arthritis and Rheumatism</i> , 2014 , 43, 600-12	5.3	27
58	Incidence of total knee and hip replacement for osteoarthritis in relation to the metabolic syndrome and its components: a prospective cohort study. <i>Seminars in Arthritis and Rheumatism</i> , 2014 , 43, 429-36	5.3	93
57	Association between index-to-ring finger length ratio and risk of severe knee and hip osteoarthritis requiring total joint replacement. <i>Rheumatology</i> , 2014 , 53, 1200-7	3.9	12
56	Incidence of total knee and hip replacement for osteoarthritis in relation to circulating sex steroid hormone concentrations in women. <i>Arthritis and Rheumatology</i> , 2014 , 66, 2144-51	9.5	26
55	The longitudinal relationship between changes in body weight and changes in medial tibial cartilage, and pain among community-based adults with and without meniscal tears. <i>Annals of the Rheumatic Diseases</i> , 2014 , 73, 1652-8	2.4	20
54	Are depression, anxiety and poor mental health risk factors for knee pain? A systematic review. <i>BMC Musculoskeletal Disorders</i> , 2014 , 15, 10	2.8	77
53	Structural changes of hip osteoarthritis using magnetic resonance imaging. <i>Arthritis Research and Therapy</i> , 2014 , 16, 466	5.7	23
52	Obesity is associated with reduced disc height in the lumbar spine but not at the lumbosacral junction. <i>Spine</i> , 2014 , 39, E962-6	3.3	24
51	The relationship between patellofemoral and tibiofemoral morphology and gait biomechanics following arthroscopic partial medial meniscectomy. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2013 , 21, 1097-103	5.5	20
50	Are biomechanical factors, meniscal pathology, and physical activity risk factors for bone marrow lesions at the knee? A systematic review. <i>Seminars in Arthritis and Rheumatism</i> , 2013 , 43, 187-94	5.3	18

49	Association of weight gain with incident knee pain, stiffness, and functional difficulties: a longitudinal study. <i>Arthritis Care and Research</i> , 2013 , 65, 34-43	4.7	33
48	Body weight at early and middle adulthood, weight gain and persistent overweight from early adulthood are predictors of the risk of total knee and hip replacement for osteoarthritis. <i>Rheumatology</i> , 2013 , 52, 1033-41	3.9	44
47	Assessment of cardiovascular disease risk in South asian populations. <i>International Journal of Vascular Medicine</i> , 2013 , 2013, 786801	1.2	28
46	HFE C282Y homozygosity is associated with an increased risk of total hip replacement for osteoarthritis. <i>Seminars in Arthritis and Rheumatism</i> , 2012 , 41, 872-8	5.3	15
45	The associations between body and knee height measurements and knee joint structure in an asymptomatic cohort. <i>BMC Musculoskeletal Disorders</i> , 2012 , 13, 19	2.8	5
44	Increase in vastus medialis cross-sectional area is associated with reduced pain, cartilage loss, and joint replacement risk in knee osteoarthritis. <i>Arthritis and Rheumatism</i> , 2012 , 64, 3917-25		56
43	Increased fasting serum glucose concentration is associated with adverse knee structural changes in adults with no knee symptoms and diabetes. <i>Maturitas</i> , 2012 , 72, 373-8	5	20
42	Use magnetic resonance imaging to assess articular cartilage. <i>Therapeutic Advances in Musculoskeletal Disease</i> , 2012 , 4, 77-97	3.8	31
41	Patellofemoral and tibiofemoral articular cartilage and subchondral bone health following arthroscopic partial medial meniscectomy. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2012 , 20, 970-8	5.5	38
40	Effect of long-term vigorous physical activity on healthy adult knee cartilage. <i>Medicine and Science in Sports and Exercise</i> , 2012 , 44, 985-92	1.2	13
39	A flatter proximal trochlear groove is associated with patella cartilage loss. <i>Medicine and Science in Sports and Exercise</i> , 2012 , 44, 496-500	1.2	7
38	Sex hormones and structural changes in osteoarthritis: a systematic review. <i>Maturitas</i> , 2011 , 69, 141-56	5	43
37	2011 Young Investigator Award winner: Increased fat mass is associated with high levels of low back pain intensity and disability. <i>Spine</i> , 2011 , 36, 1320-5	3.3	80
36	Variation in rates of hip and knee joint replacement in Australia based on socio-economic status, geographical locality, birthplace and indigenous status. <i>ANZ Journal of Surgery</i> , 2011 , 81, 26-31	1	38
35	Meat consumption and risk of primary hip and knee joint replacement due to osteoarthritis: a prospective cohort study. <i>BMC Musculoskeletal Disorders</i> , 2011 , 12, 17	2.8	3
34	Effects of Hylan G-F 20 supplementation on cartilage preservation detected by magnetic resonance imaging in osteoarthritis of the knee: a two-year single-blind clinical trial. <i>BMC Musculoskeletal Disorders</i> , 2011 , 12, 195	2.8	79
33	Trabecular bone texture detected by plain radiography and variance orientation transform method is different between knees with and without cartilage defects. <i>Journal of Orthopaedic Research</i> , 2011 , 29, 1161-7	3.8	21
32	Sex differences in the relationship between bone mineral density and tibial cartilage volume. <i>Rheumatology</i> , 2011 , 50, 563-8	3.9	8

31	Higher dynamic medial knee load predicts greater cartilage loss over 12 months in medial knee osteoarthritis. <i>Annals of the Rheumatic Diseases</i> , 2011 , 70, 1770-4	2.4	308
30	Is physical activity a risk factor for primary knee or hip replacement due to osteoarthritis? A prospective cohort study. <i>Journal of Rheumatology</i> , 2011 , 38, 350-7	4.1	46
29	Bone marrow lesions in people with knee osteoarthritis predict progression of disease and joint replacement: a longitudinal study. <i>Rheumatology</i> , 2010 , 49, 2413-9	3.9	147
28	The relationship between body composition and structural changes at the knee. <i>Rheumatology</i> , 2010 , 49, 2362-9	3.9	57
27	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	3.9	77
26	Occupational activity is associated with knee cartilage morphology in females. <i>Maturitas</i> , 2010 , 66, 72-6	5	14
25	Does an increase in body mass index over 10 years affect knee structure in a population-based cohort study of adult women?. <i>Arthritis Research and Therapy</i> , 2010 , 12, R139	5.7	33
24	The association between subchondral bone cysts and tibial cartilage volume and risk of joint replacement in people with knee osteoarthritis: a longitudinal study. <i>Arthritis Research and Therapy</i> , 2010 , 12, R58	5.7	70
23	Development of bone marrow lesions is associated with adverse effects on knee cartilage while resolution is associated with improvement--a potential target for prevention of knee osteoarthritis: a longitudinal study. <i>Arthritis Research and Therapy</i> , 2010 , 12, R10	5.7	38
22	Identification of early knee osteoarthritis - a new horizon. <i>Current Rheumatology Reviews</i> , 2010 , 6, 251-6	1.6	1
21	The associations between indices of patellofemoral geometry and knee pain and patella cartilage volume: a cross-sectional study. <i>BMC Musculoskeletal Disorders</i> , 2010 , 11, 87	2.8	20
20	Smoking is associated with increased cartilage loss and persistence of bone marrow lesions over 2 years in community-based individuals. <i>Rheumatology</i> , 2009 , 48, 1227-31	3.9	31
19	Longitudinal effect of vigorous physical activity on patella cartilage morphology in people without clinical knee disease. <i>Arthritis and Rheumatism</i> , 2009 , 61, 1095-102		27
18	Dietary fatty acid intake affects the risk of developing bone marrow lesions in healthy middle-aged adults without clinical knee osteoarthritis: a prospective cohort study. <i>Arthritis Research and Therapy</i> , 2009 , 11, R63	5.7	25
17	Reduced rates of primary joint replacement for osteoarthritis in Italian and Greek migrants to Australia: the Melbourne Collaborative Cohort Study. <i>Arthritis Research and Therapy</i> , 2009 , 11, R86	5.7	16
16	Relationship between body adiposity measures and risk of primary knee and hip replacement for osteoarthritis: a prospective cohort study. <i>Arthritis Research and Therapy</i> , 2009 , 11, R31	5.7	106
15	Women have increased rates of cartilage loss and progression of cartilage defects at the knee than men: a gender study of adults without clinical knee osteoarthritis. <i>Menopause</i> , 2009 , 16, 666-70	2.5	73
14	Vastus medialis cross-sectional area is positively associated with patella cartilage and bone volumes in a pain-free community-based population. <i>Arthritis Research and Therapy</i> , 2008 , 10, R143	5.7	13

13	Obesity and knee osteoarthritis: new insights provided by body composition studies. <i>Obesity</i> , 2008 , 16, 232-40	8	45
12	The longitudinal relationship between body composition and patella cartilage in healthy adults. <i>Obesity</i> , 2008 , 16, 421-7	8	28
11	In-hospital outcomes and hospital resource utilization of hip replacement procedures. <i>ANZ Journal of Surgery</i> , 2008 , 78, 875-80	1	4
10	Effect of physical activity on articular knee joint structures in community-based adults. <i>Arthritis and Rheumatism</i> , 2007 , 57, 1261-8		90
9	Association of bone marrow lesions with knee structures and risk factors for bone marrow lesions in the knees of clinically healthy, community-based adults. <i>Seminars in Arthritis and Rheumatism</i> , 2007 , 37, 112-8	5.3	59
8	Effect of antioxidants on knee cartilage and bone in healthy, middle-aged subjects: a cross-sectional study. <i>Arthritis Research and Therapy</i> , 2007 , 9, R66	5.7	56
7	Body composition and knee cartilage properties in healthy, community-based adults. <i>Annals of the Rheumatic Diseases</i> , 2007 , 66, 1244-8	2.4	57
6	Knee cartilage loss in symptomatic knee osteoarthritis over 4.5 years. <i>Arthritis Research and Therapy</i> , 2006 , 8, R90	5.7	45
5	The determinants of change in tibial plateau bone area in osteoarthritic knees: a cohort study. <i>Arthritis Research</i> , 2005 , 7, R687-93		66
4	Relationship between bone markers and knee cartilage volume in healthy men. <i>Journal of Rheumatology</i> , 2005 , 32, 2200-4	4.1	9
3	The effect of nutritional supplements on osteoarthritis. <i>Alternative Medicine Review</i> , 2004 , 9, 275-96		27
2	Compartment differences in knee cartilage volume in healthy adults. <i>Journal of Rheumatology</i> , 2002 , 29, 554-6	4.1	34
1	The determinants of change in patella cartilage volume in osteoarthritic knees. <i>Journal of Rheumatology</i> , 2002 , 29, 2615-9	4.1	58