

# Yuanyuan Wang

## List of Publications by Citations

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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	Higher dynamic medial knee load predicts greater cartilage loss over 12 months in medial knee osteoarthritis. <i>Annals of the Rheumatic Diseases</i> , <b>2011</b> , 70, 1770-4	2.4	308
155	Bone marrow lesions in people with knee osteoarthritis predict progression of disease and joint replacement: a longitudinal study. <i>Rheumatology</i> , <b>2010</b> , 49, 2413-9	3.9	147
154	Fat infiltration of paraspinal muscles is associated with low back pain, disability, and structural abnormalities in community-based adults. <i>Spine Journal</i> , <b>2015</b> , 15, 1593-601	4	116
153	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> , <b>2009</b> , 11, R31	5.7	106
152	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> , <b>2014</b> , 43, 429-36	5.3	93
151	Effect of physical activity on articular knee joint structures in community-based adults. <i>Arthritis and Rheumatism</i> , <b>2007</b> , 57, 1261-8		90
150	2011 Young Investigator Award winner: Increased fat mass is associated with high levels of low back pain intensity and disability. <i>Spine</i> , <b>2011</b> , 36, 1320-5	3.3	80
149	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> , <b>2011</b> , 12, 195	2.8	79
148	Increased duration of co-contraction of medial knee muscles is associated with greater progression of knee osteoarthritis. <i>Manual Therapy</i> , <b>2016</b> , 21, 151-8		78
147	Are depression, anxiety and poor mental health risk factors for knee pain? A systematic review. <i>BMC Musculoskeletal Disorders</i> , <b>2014</b> , 15, 10	2.8	77
146	Meniscal extrusion predicts increases in subchondral bone marrow lesions and bone cysts and expansion of subchondral bone in osteoarthritic knees. <i>Rheumatology</i> , <b>2010</b> , 49, 997-1004	3.9	77
145	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> , <b>2009</b> , 16, 666-70	2.5	73
144	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> , <b>2010</b> , 12, R58	5.7	70
143	Effect of breakfast on weight and energy intake: systematic review and meta-analysis of randomised controlled trials. <i>BMJ, The</i> , <b>2019</b> , 364, l42	5.9	68
142	The determinants of change in tibial plateau bone area in osteoarthritic knees: a cohort study. <i>Arthritis Research</i> , <b>2005</b> , 7, R687-93		66
141	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> , <b>2007</b> , 37, 112-8	5.3	59
140	The determinants of change in patella cartilage volume in osteoarthritic knees. <i>Journal of Rheumatology</i> , <b>2002</b> , 29, 2615-9	4.1	58

139	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> , <b>2015</b> , 17, 114	5.7	57
138	The relationship between body composition and structural changes at the knee. <i>Rheumatology</i> , <b>2010</b> , 49, 2362-9	3.9	57
137	Body composition and knee cartilage properties in healthy, community-based adults. <i>Annals of the Rheumatic Diseases</i> , <b>2007</b> , 66, 1244-8	2.4	57
136	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> , <b>2012</b> , 64, 3917-25		56
135	Effect of antioxidants on knee cartilage and bone in healthy, middle-aged subjects: a cross-sectional study. <i>Arthritis Research and Therapy</i> , <b>2007</b> , 9, R66	5.7	56
134	Weight change and change in tibial cartilage volume and symptoms in obese adults. <i>Annals of the Rheumatic Diseases</i> , <b>2015</b> , 74, 1024-9	2.4	52
133	Is physical activity a risk factor for primary knee or hip replacement due to osteoarthritis? A prospective cohort study. <i>Journal of Rheumatology</i> , <b>2011</b> , 38, 350-7	4.1	46
132	Obesity and knee osteoarthritis: new insights provided by body composition studies. <i>Obesity</i> , <b>2008</b> , 16, 232-40	8	45
131	Knee cartilage loss in symptomatic knee osteoarthritis over 4.5 years. <i>Arthritis Research and Therapy</i> , <b>2006</b> , 8, R90	5.7	45
130	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> , <b>2013</b> , 52, 1033-41	3.9	44
129	Sex hormones and structural changes in osteoarthritis: a systematic review. <i>Maturitas</i> , <b>2011</b> , 69, 141-56	5	43
128	Bone marrow lesions detected by specific combination of MRI sequences are associated with severity of osteochondral degeneration. <i>Arthritis Research and Therapy</i> , <b>2016</b> , 18, 54	5.7	42
127	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> , <b>2015</b> , 5, e009332	3	40
126	Are cognitive and behavioural factors associated with knee pain? A systematic review. <i>Seminars in Arthritis and Rheumatism</i> , <b>2015</b> , 44, 445-55	5.3	39
125	Patellofemoral and tibiofemoral articular cartilage and subchondral bone health following arthroscopic partial medial meniscectomy. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , <b>2012</b> , 20, 970-8	5.5	38
124	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> , <b>2011</b> , 81, 26-31	1	38
123	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> , <b>2010</b> , 12, R10	5.7	38
122	A large infrapatellar fat pad protects against knee pain and lateral tibial cartilage volume loss. <i>Arthritis Research and Therapy</i> , <b>2015</b> , 17, 318	5.7	35

121	Compartment differences in knee cartilage volume in healthy adults. <i>Journal of Rheumatology</i> , <b>2002</b> , 29, 554-6	4.1	34
120	Association of weight gain with incident knee pain, stiffness, and functional difficulties: a longitudinal study. <i>Arthritis Care and Research</i> , <b>2013</b> , 65, 34-43	4.7	33
119	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> , <b>2010</b> , 12, R139	5.7	33
118	Wolff's law in action: a mechanism for early knee osteoarthritis. <i>Arthritis Research and Therapy</i> , <b>2015</b> , 17, 207	5.7	32
117	Use magnetic resonance imaging to assess articular cartilage. <i>Therapeutic Advances in Musculoskeletal Disease</i> , <b>2012</b> , 4, 77-97	3.8	31
116	Smoking is associated with increased cartilage loss and persistence of bone marrow lesions over 2 years in community-based individuals. <i>Rheumatology</i> , <b>2009</b> , 48, 1227-31	3.9	31
115	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> , <b>2016</b> , 17, 439	2.8	31
114	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> , <b>2017</b> , 19, 26	5.7	30
113	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> , <b>2017</b> , 19, 180	5.7	30
112	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> , <b>2020</b> , 323, 1456-1466	27.4	30
111	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> , <b>2021</b> , 326, 2021-2030	27.4	29
110	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> , <b>2019</b> , 21, 127	5.7	28
109	Do Moments and Strength Predict Cartilage Changes after Partial Meniscectomy?. <i>Medicine and Science in Sports and Exercise</i> , <b>2015</b> , 47, 1549-56	1.2	28
108	Assessment of cardiovascular disease risk in South asian populations. <i>International Journal of Vascular Medicine</i> , <b>2013</b> , 2013, 786801	1.2	28
107	The longitudinal relationship between body composition and patella cartilage in healthy adults. <i>Obesity</i> , <b>2008</b> , 16, 421-7	8	28
106	Association of obesity and systemic factors with bone marrow lesions at the knee: a systematic review. <i>Seminars in Arthritis and Rheumatism</i> , <b>2014</b> , 43, 600-12	5.3	27
105	Longitudinal effect of vigorous physical activity on patella cartilage morphology in people without clinical knee disease. <i>Arthritis and Rheumatism</i> , <b>2009</b> , 61, 1095-102		27
104	The effect of nutritional supplements on osteoarthritis. <i>Alternative Medicine Review</i> , <b>2004</b> , 9, 275-96		27

103	Incidence of total knee and hip replacement for osteoarthritis in relation to circulating sex steroid hormone concentrations in women. <i>Arthritis and Rheumatology</i> , <b>2014</b> , 66, 2144-51	9.5	26
102	Association between obesity and magnetic resonance imaging defined patellar tendinopathy in community-based adults: a cross-sectional study. <i>BMC Musculoskeletal Disorders</i> , <b>2014</b> , 15, 266	2.8	25
101	Association of low birth weight and preterm birth with the incidence of knee and hip arthroplasty for osteoarthritis. <i>Arthritis Care and Research</i> , <b>2015</b> , 67, 502-8	4.7	25
100	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> , <b>2009</b> , 11, R63	5.7	25
99	Efficacy of Low-Dose Amitriptyline for Chronic Low Back Pain: A Randomized Clinical Trial. <i>JAMA Internal Medicine</i> , <b>2018</b> , 178, 1474-1481	11.5	25
98	Obesity is associated with reduced disc height in the lumbar spine but not at the lumbosacral junction. <i>Spine</i> , <b>2014</b> , 39, E962-6	3.3	24
97	Structural changes of hip osteoarthritis using magnetic resonance imaging. <i>Arthritis Research and Therapy</i> , <b>2014</b> , 16, 466	5.7	23
96	Body composition is associated with multisite lower body musculoskeletal pain in a community-based study. <i>Journal of Pain</i> , <b>2015</b> , 16, 700-6	5.2	21
95	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> , <b>2011</b> , 29, 1161-7	3.8	21
94	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> , <b>2018</b> , 20, 250	5.7	21
93	Cartilage morphology at 2-3 years following anterior cruciate ligament reconstruction with or without concomitant meniscal pathology. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , <b>2017</b> , 25, 426-436	5.5	20
92	Associations between television viewing and physical activity and low back pain in community-based adults: A cohort study. <i>Medicine (United States)</i> , <b>2016</b> , 95, e3963	1.8	20
91	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> , <b>2018</b> , 19, 272	2.8	20
90	The relationship between patellofemoral and tibiofemoral morphology and gait biomechanics following arthroscopic partial medial meniscectomy. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , <b>2013</b> , 21, 1097-103	5.5	20
89	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> , <b>2014</b> , 73, 1652-8	2.4	20
88	Increased fasting serum glucose concentration is associated with adverse knee structural changes in adults with no knee symptoms and diabetes. <i>Maturitas</i> , <b>2012</b> , 72, 373-8	5	20
87	The associations between indices of patellofemoral geometry and knee pain and patella cartilage volume: a cross-sectional study. <i>BMC Musculoskeletal Disorders</i> , <b>2010</b> , 11, 87	2.8	20
86	Association Between Inflammatory Biomarkers and Nonspecific Low Back Pain: A Systematic Review. <i>Clinical Journal of Pain</i> , <b>2020</b> , 36, 379-389	3.5	18

85	Patients' perceived needs of osteoarthritis health information: A systematic scoping review. <i>PLoS ONE</i> , <b>2018</b> , 13, e0195489	3.7	18
84	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> , <b>2013</b> , 43, 187-94	5.3	18
83	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> , <b>2016</b> , 17, 92	2.8	17
82	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> , <b>2015</b> , 67, 1406-15	4.7	17
81	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> , <b>2009</b> , 11, R86	5.7	16
80	The natural history of Modic changes in a community-based cohort. <i>Joint Bone Spine</i> , <b>2017</b> , 84, 197-202	2.9	15
79	Factors associated with magnetic resonance imaging defined patellar tendinopathy in community-based middle-aged women: a prospective cohort study. <i>BMC Musculoskeletal Disorders</i> , <b>2015</b> , 16, 184	2.8	15
78	HFE C282Y homozygosity is associated with an increased risk of total hip replacement for osteoarthritis. <i>Seminars in Arthritis and Rheumatism</i> , <b>2012</b> , 41, 872-8	5.3	15
77	Does statin use have a disease modifying effect in symptomatic knee osteoarthritis? Study protocol for a randomised controlled trial. <i>Trials</i> , <b>2015</b> , 16, 584	2.8	15
76	Knee effusion volume assessed by magnetic resonance imaging and progression of knee osteoarthritis: data from the Osteoarthritis Initiative. <i>Rheumatology</i> , <b>2019</b> , 58, 246-253	3.9	15
75	Occupational risk factors for hip osteoarthritis are associated with early hip structural abnormalities: a 3.0 T magnetic resonance imaging study of community-based adults. <i>Arthritis Research and Therapy</i> , <b>2015</b> , 17, 19	5.7	14
74	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> , <b>2018</b> , 19, 217	2.8	14
73	Occupational activity is associated with knee cartilage morphology in females. <i>Maturitas</i> , <b>2010</b> , 66, 72-6	5	14
72	Shorter Lumbar Paraspinal Fascia Is Associated With High Intensity Low Back Pain and Disability. <i>Spine</i> , <b>2016</b> , 41, E489-93	3.3	14
71	A review on segmentation of knee articular cartilage: from conventional methods towards deep learning. <i>Artificial Intelligence in Medicine</i> , <b>2020</b> , 106, 101851	7.4	13
70	Predictors of Back Pain in Middle-Aged Women: Data From the Australian Longitudinal Study of Women's Health. <i>Arthritis Care and Research</i> , <b>2017</b> , 69, 709-716	4.7	13
69	Effect of long-term vigorous physical activity on healthy adult knee cartilage. <i>Medicine and Science in Sports and Exercise</i> , <b>2012</b> , 44, 985-92	1.2	13
68	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> , <b>2008</b> , 10, R143	5.7	13

67	Female Reproductive and Hormonal Factors and Incidence of Primary Total Knee Arthroplasty Due to Osteoarthritis. <i>Arthritis and Rheumatology</i> , <b>2018</b> , 70, 1022-1029	9.5	12
66	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> , <b>2017</b> , 19, 98	5.7	12
65	Association between index-to-ring finger length ratio and risk of severe knee and hip osteoarthritis requiring total joint replacement. <i>Rheumatology</i> , <b>2014</b> , 53, 1200-7	3.9	12
64	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> , <b>2015</b> , 23, 2134-2140	6.2	11
63	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> , <b>2019</b> , 27, 707-715	5.5	11
62	Negative beliefs about low back pain are associated with persistent high intensity low back pain. <i>Psychology, Health and Medicine</i> , <b>2017</b> , 22, 790-799	2.1	11
61	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> , <b>2015</b> , 17, 270	5.7	11
60	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> , <b>2015</b> , 67, 414-22	9.5	11
59	Retinal arteriolar narrowing and incidence of knee replacement for osteoarthritis: a prospective cohort study. <i>Osteoarthritis and Cartilage</i> , <b>2015</b> , 23, 589-93	6.2	10
58	A Dose-response relationship between severity of disc degeneration and intervertebral disc height in the lumbosacral spine. <i>Arthritis Research and Therapy</i> , <b>2015</b> , 17, 297	5.7	10
57	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> , <b>2019</b> , 21, 165	5.7	10
56	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> , <b>2019</b> , 20, 312	2.8	10
55	Relationships Between Weight, Physical Activity, and Back Pain in Young Adult Women. <i>Medicine (United States)</i> , <b>2016</b> , 95, e3368	1.8	9
54	Vascular Pathology and Osteoarthritis: A Systematic Review. <i>Journal of Rheumatology</i> , <b>2020</b> , 47, 748-760	4.1	9
53	Relationship between bone markers and knee cartilage volume in healthy men. <i>Journal of Rheumatology</i> , <b>2005</b> , 32, 2200-4	4.1	9
52	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> , <b>2015</b> , 17, 107	5.7	8
51	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> , <b>2015</b> , 17, 112	5.7	8
50	Age Related Macular Degeneration and Total Hip Replacement Due to Osteoarthritis or Fracture: Melbourne Collaborative Cohort Study. <i>PLoS ONE</i> , <b>2015</b> , 10, e0137322	3.7	8

49	Aspirin is associated with reduced cartilage loss in knee osteoarthritis: Data from a cohort study. <i>Maturitas</i> , <b>2015</b> , 81, 394-7	5	8
48	Sex differences in the relationship between bone mineral density and tibial cartilage volume. <i>Rheumatology</i> , <b>2011</b> , 50, 563-8	3.9	8
47	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> , <b>2016</b> , 24, 1408-12	6.2	8
46	Could low birth weight and preterm birth be associated with significant burden of hip osteoarthritis? A systematic review. <i>Arthritis Research and Therapy</i> , <b>2018</b> , 20, 121	5.7	8
45	How Are Obesity and Body Composition Related to Patellar Cartilage? A Systematic Review. <i>Journal of Rheumatology</i> , <b>2017</b> , 44, 1071-1082	4.1	7
44	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> , <b>2016</b> , 43, 1885-1890	4.1	7
43	The interaction between physical activity and amount of baseline knee cartilage. <i>Rheumatology</i> , <b>2016</b> , 55, 1277-84	3.9	7
42	A flatter proximal trochlear groove is associated with patella cartilage loss. <i>Medicine and Science in Sports and Exercise</i> , <b>2012</b> , 44, 496-500	1.2	7
41	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> , <b>2018</b> , 20, 74	5.7	6
40	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> , <b>2014</b> , 22, 1136-41	6.2	6
39	Association between popliteal artery wall thickness and knee cartilage volume loss in community-based middle-aged women without clinical knee disease. <i>Maturitas</i> , <b>2015</b> , 82, 222-7	5	5
38	Cartilage quantitative T2 relaxation time 2-4 years following isolated anterior cruciate ligament reconstruction. <i>Journal of Orthopaedic Research</i> , <b>2018</b> , 36, 2022-2029	3.8	5
37	The associations between body and knee height measurements and knee joint structure in an asymptomatic cohort. <i>BMC Musculoskeletal Disorders</i> , <b>2012</b> , 13, 19	2.8	5
36	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> , <b>2018</b> , 43, 1648-1656	3.3	4
35	In-hospital outcomes and hospital resource utilization of hip replacement procedures. <i>ANZ Journal of Surgery</i> , <b>2008</b> , 78, 875-80	1	4
34	The Association Between Different Trajectories of Low Back Pain and Degenerative Imaging Findings in Young Adult Participants within The Raine Study. <i>Spine</i> , <b>2021</b> ,	3.3	4
33	Nutrients and Dietary Supplements for Osteoarthritis <b>2019</b> , 97-137		4
32	Association between Dairy Product Consumption and Incidence of Total Hip Arthroplasty for Osteoarthritis. <i>Journal of Rheumatology</i> , <b>2017</b> , 44, 1066-1070	4.1	3

31	Associations of surgical and nonsurgical weight loss with knee musculature: a cohort study of obese adults. <i>Surgery for Obesity and Related Diseases</i> , <b>2016</b> , 12, 158-64	3	3
30	Meat consumption and risk of primary hip and knee joint replacement due to osteoarthritis: a prospective cohort study. <i>BMC Musculoskeletal Disorders</i> , <b>2011</b> , 12, 17	2.8	3
29	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> , <b>2021</b> , 16, e0245002	3.7	3
28	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> , <b>2020</b> , 21, 316	2.8	2
27	The bulge sign - a simple physical examination for identifying progressive knee osteoarthritis: data from the Osteoarthritis Initiative. <i>Rheumatology</i> , <b>2020</b> , 59, 1288-1295	3.9	2
26	Effect of Stem Cell Injections on Osteoarthritis-related Structural Outcomes: A Systematic Review. <i>Journal of Rheumatology</i> , <b>2021</b> , 48, 585-597	4.1	2
25	Hip arthroscopy for femoroacetabular impingement: use escalating beyond the evidence. <i>Medical Journal of Australia</i> , <b>2017</b> , 206, 424-426	4	1
24	Identification of early knee osteoarthritis - a new horizon. <i>Current Rheumatology Reviews</i> , <b>2010</b> , 6, 251-61.6	1.6	1
23	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> , <b>2021</b> , 22, 953	2.8	1
22	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> , <b>2021</b> , 22, 863	2.8	1
21	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> , <b>2021</b> , 73, 2035-2043	9.5	1
20	Automated segmentation of knee articular cartilage: Joint deep and hand-crafted learning-based framework using diffeomorphic mapping. <i>Neurocomputing</i> , <b>2021</b> , 467, 36-36	5.4	1
19	Topical corticosteroid for treatment of hand osteoarthritis: study protocol for a randomised controlled trial.. <i>BMC Musculoskeletal Disorders</i> , <b>2021</b> , 22, 1036	2.8	1
18	Association between circulating 25-hydroxyvitamin D concentrations and hip replacement for osteoarthritis: a prospective cohort study. <i>BMC Musculoskeletal Disorders</i> , <b>2021</b> , 22, 887	2.8	0
17	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> , <b>2020</b> , 72, 778-786	4.7	0
16	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> , <b>2021</b> , 22, 826	2.8	0
15	Reply: To PMID 24692288. <i>Arthritis and Rheumatology</i> , <b>2015</b> , 67, 315-6	9.5	
14	Response to: A dose-response relationship between severity of disc degeneration and intervertebral disc height in the lumbosacral spine. Authors' reply. <i>Arthritis Research and Therapy</i> , <b>2016</b> , 18, 45	5.7	

13 Obesity and Joint Disease **2014**, 325-339

- 12 Patellar cartilage increase following ACL reconstruction with and without meniscal pathology: a two-year prospective MRI morphological study. *BMC Musculoskeletal Disorders*, **2021**, 22, 909 2.8
- 11 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. *PLoS ONE*, **2020**, 15, e0243372 2.7
- 10 Association between increased signal intensity at the proximal patellar tendon and patellofemoral geometry in community-based asymptomatic middle-aged adults: a cross-sectional study. *BMC Musculoskeletal Disorders*, **2020**, 21, 571 2.8
- 9 Effect of low-dose amitriptyline on low back pain with a neuropathic component: a post hoc analysis. *Spine Journal*, **2021**, 21, 899-902 4
- 8 Histoire naturelle des aspects Modic: Étude longitudinale. *Revue Du Rhumatisme (Edition Française)*, **2018**, 85, 85-89 0.1
- 7 Obesity defined by body mass index and waist circumference and risk of total knee arthroplasty for osteoarthritis: A prospective cohort study **2021**, 16, e0245002
- 6 Obesity defined by body mass index and waist circumference and risk of total knee arthroplasty for osteoarthritis: A prospective cohort study **2021**, 16, e0245002
- 5 Obesity defined by body mass index and waist circumference and risk of total knee arthroplasty for osteoarthritis: A prospective cohort study **2021**, 16, e0245002
- 4 Obesity defined by body mass index and waist circumference and risk of total knee arthroplasty for osteoarthritis: A prospective cohort study **2021**, 16, e0245002
- 3 Obesity defined by body mass index and waist circumference and risk of total knee arthroplasty for osteoarthritis: A prospective cohort study **2021**, 16, e0245002
- 2 Obesity defined by body mass index and waist circumference and risk of total knee arthroplasty for osteoarthritis: A prospective cohort study **2021**, 16, e0245002
- 1 Association between arthritis and cardiovascular risk factors in community-based adults: an opportunity to target cardiovascular risk.. *BMC Cardiovascular Disorders*, **2022**, 22, 232 2.3