

Yuanyuan Wang

List of Publications by Year in descending order

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Version: 2024-02-01

158
papers

5,500
citations

66343

42
h-index

106344

65
g-index

159
all docs

159
docs citations

159
times ranked

5896
citing authors

#	ARTICLE	IF	CITATIONS
1	Automated segmentation of knee articular cartilage: Joint deep and hand-crafted learning-based framework using diffeomorphic mapping. <i>Neurocomputing</i> , 2022, 467, 36-55.	5.9	7
2	Genomic Risk Score for Advanced Osteoarthritis in Older Adults. <i>Arthritis and Rheumatology</i> , 2022, 74, 1480-1487.	5.6	9
3	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.	1.7	3
4	Metformin as a potential disease-modifying drug in osteoarthritis: a systematic review of pre-clinical and human studies. <i>Osteoarthritis and Cartilage</i> , 2022, 30, 1434-1442.	1.3	12
5	Effect of Stem Cell Injections on Osteoarthritis-related Structural Outcomes: A Systematic Review. <i>Journal of Rheumatology</i> , 2021, 48, 585-597.	2.0	7
6	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.	2.5	13
7	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.	1.3	1
8	The Association Between Different Trajectories of Low Back Pain and Degenerative Imaging Findings in Young Adult Participants within The Rainie Study. <i>Spine</i> , 2021, Publish Ahead of Print, .	2.0	6
9	High levels of back disability, but not back pain, are associated with reduced physical activity in women. <i>International Journal of Epidemiology</i> , 2021, 50, .	1.9	0
10	Effect of low-dose amitriptyline on reducing pain in clinical knee osteoarthritis compared to benzotropine: study protocol of a randomised, double blind, placebo-controlled trial. <i>BMC Musculoskeletal Disorders</i> , 2021, 22, 826.	1.9	5
11	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.	5.6	7
12	Association between circulating 25-hydroxyvitamin D concentrations and hip replacement for osteoarthritis: a prospective cohort study. <i>BMC Musculoskeletal Disorders</i> , 2021, 22, 887.	1.9	1
13	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.	1.9	1
14	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.	1.9	0
15	Effect of Intra-articular Platelet-Rich Plasma vs Placebo Injection on Pain and Medial Tibial Cartilage Volume in Patients With Knee Osteoarthritis. <i>JAMA - Journal of the American Medical Association</i> , 2021, 326, 2021.	7.4	158
16	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.	1.9	2
17	Topical corticosteroid for treatment of hand osteoarthritis: study protocol for a randomised controlled trial. <i>BMC Musculoskeletal Disorders</i> , 2021, 22, 1036.	1.9	5
18	Title is missing!, 2021, 16, e0245002.		0

#	ARTICLE	IF	CITATIONS
19	Title is missing!. , 2021, 16, e0245002.		0
20	Title is missing!. , 2021, 16, e0245002.		0
21	Title is missing!. , 2021, 16, e0245002.		0
22	Title is missing!. , 2021, 16, e0245002.		0
23	Title is missing!. , 2021, 16, e0245002.		0
24	Vascular Pathology and Osteoarthritis: A Systematic Review. <i>Journal of Rheumatology</i> , 2020, 47, 748-760.	2.0	24
25	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.	3.4	3
26	The bulge sign – a simple physical examination for identifying progressive knee osteoarthritis: data from the Osteoarthritis Initiative. <i>Rheumatology</i> , 2020, 59, 1288-1295.	1.9	5
27	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.	1.9	0
28	Association Between Inflammatory Biomarkers and Nonspecific Low Back Pain. <i>Clinical Journal of Pain</i> , 2020, 36, 379-389.	1.9	47
29	A review on segmentation of knee articular cartilage: from conventional methods towards deep learning. <i>Artificial Intelligence in Medicine</i> , 2020, 106, 101851.	6.5	45
30	Effect of Intravenous Zoledronic Acid on Tibiofemoral Cartilage Volume Among Patients With Knee Osteoarthritis With Bone Marrow Lesions. <i>JAMA - Journal of the American Medical Association</i> , 2020, 323, 1456.	7.4	59
31	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.	1.9	7
32	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.	2.5	1
33	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.	4.2	16
34	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.	3.5	20
35	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.	1.9	13
36	Effect of breakfast on weight and energy intake: systematic review and meta-analysis of randomised controlled trials. <i>BMJ: British Medical Journal</i> , 2019, 364, 142.	2.3	118

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37	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.	3.5	62
38	Nutrients and Dietary Supplements for Osteoarthritis. , 2019, , 97-137.		8
39	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.	1.9	29
40	Female Reproductive and Hormonal Factors and Incidence of Primary Total Knee Arthroplasty Due to Osteoarthritis. <i>Arthritis and Rheumatology</i> , 2018, 70, 1022-1029.	5.6	18
41	Cartilage quantitative T2 relaxation time 2–4 years following isolated anterior cruciate ligament reconstruction. <i>Journal of Orthopaedic Research</i> , 2018, 36, 2022-2029.	2.3	11
42	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.	3.5	20
43	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.	3.5	36
44	Efficacy of Low-Dose Amitriptyline for Chronic Low Back Pain. <i>JAMA Internal Medicine</i> , 2018, 178, 1474.	5.1	47
45	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.	3.5	13
46	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.	1.9	31
47	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.	1.9	22
48	Patients' perceived needs of osteoarthritis health information: A systematic scoping review. <i>PLoS ONE</i> , 2018, 13, e0195489.	2.5	35
49	Course and Contributors to Back Pain in Middle-aged Women Over 9 Years. <i>Spine</i> , 2018, 43, 1648-1656.	2.0	6
50	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.	4.2	20
51	The natural history of Modic changes in a community-based cohort. <i>Joint Bone Spine</i> , 2017, 84, 197-202.	1.6	23
52	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.	3.5	52
53	How Are Obesity and Body Composition Related to Patellar Cartilage? A Systematic Review. <i>Journal of Rheumatology</i> , 2017, 44, 1071-1082.	2.0	8
54	Association between Dairy Product Consumption and Incidence of Total Hip Arthroplasty for Osteoarthritis. <i>Journal of Rheumatology</i> , 2017, 44, 1066-1070.	2.0	3

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55	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.	3.5	16
56	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.	2.4	20
57	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.	3.4	15
58	Hip arthroscopy for femoroacetabular impingement: use escalating beyond the evidence. <i>Medical Journal of Australia</i> , 2017, 206, 424-426.	1.7	1
59	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.	3.5	46
60	Shorter Lumbar Paraspinal Fascia Is Associated With High Intensity Low Back Pain and Disability. <i>Spine</i> , 2016, 41, E489-E493.	2.0	18
61	Relationships Between Weight, Physical Activity, and Back Pain in Young Adult Women. <i>Medicine (United States)</i> , 2016, 95, e3368.	1.0	11
62	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.	1.9	50
63	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, 1408-1412.	1.3	14
64	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.	2.0	9
65	Associations between television viewing and physical activity and low back pain in community-based adults. <i>Medicine (United States)</i> , 2016, 95, e3963.	1.0	29
66	The interaction between physical activity and amount of baseline knee cartilage. <i>Rheumatology</i> , 2016, 55, 1277-1284.	1.9	10
67	Modic changes in the lumbar spine and their association with body composition, fat distribution and intervertebral disc height – a 3.0T-MRI study. <i>BMC Musculoskeletal Disorders</i> , 2016, 17, 92.	1.9	28
68	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> , 2016, 18, 45.	3.5	0
69	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, 158-164.	1.2	4
70	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.	3.5	53
71	Increased duration of co-contraction of medial knee muscles is associated with greater progression of knee osteoarthritis. <i>Manual Therapy</i> , 2016, 21, 151-158.	1.6	104
72	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, 502-508.	3.4	30

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73	Early cartilage abnormalities at the hip are associated with obesity and body composition measures â€“ a 3.0T MRI community-based study. <i>Arthritis Research and Therapy</i> , 2015, 17, 107.	3.5	8
74	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.	3.5	84
75	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.	1.6	21
76	Magnetic Resonance Imagingâ€“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, 1406-1415.	3.4	26
77	Bone geometry of the hip is associated with obesity and early structural damage â€“ a 3.0 T magnetic resonance imaging study of community-based adults. <i>Arthritis Research and Therapy</i> , 2015, 17, 112.	3.5	11
78	Wolffâ€™s law in action: a mechanism for early knee osteoarthritis. <i>Arthritis Research and Therapy</i> , 2015, 17, 207.	3.5	54
79	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.	3.5	12
80	Do Moments and Strength Predict Cartilage Changes after Partial Meniscectomy?. <i>Medicine and Science in Sports and Exercise</i> , 2015, 47, 1549-1556.	0.4	34
81	Age Related Macular Degeneration and Total Hip Replacement Due to Osteoarthritis or Fracture: Melbourne Collaborative Cohort Study. <i>PLoS ONE</i> , 2015, 10, e0137322.	2.5	16
82	Body Composition Is Associated With Multisite Lower Body Musculoskeletal Pain in a Community-Based Study. <i>Journal of Pain</i> , 2015, 16, 700-706.	1.4	28
83	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, 414-422.	5.6	12
84	Aspirin is associated with reduced cartilage loss in knee osteoarthritis: Data from a cohort study. <i>Maturitas</i> , 2015, 81, 394-397.	2.4	10
85	A large infrapatellar fat pad protects against knee pain and lateral tibial cartilage volume loss. <i>Arthritis Research and Therapy</i> , 2015, 17, 318.	3.5	42
86	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.	1.9	50
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.	3.5	15
88	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, 222-227.	2.4	8
89	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.	1.3	14
90	Reply. <i>Arthritis and Rheumatology</i> , 2015, 67, 315-316.	5.6	0

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91	Retinal arteriolar narrowing and incidence of knee replacement for osteoarthritis: a prospective cohort study. <i>Osteoarthritis and Cartilage</i> , 2015, 23, 589-593.	1.3	13
92	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, 1593-1601.	1.3	188
93	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.	3.5	21
94	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.	1.9	18
95	Weight change and change in tibial cartilage volume and symptoms in obese adults. <i>Annals of the Rheumatic Diseases</i> , 2015, 74, 1024-1029.	0.9	70
96	Are cognitive and behavioural factors associated with knee pain? A systematic review. <i>Seminars in Arthritis and Rheumatism</i> , 2015, 44, 445-455.	3.4	52
97	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, 1200-1207.	1.9	17
98	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, 2144-2151.	5.6	35
99	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, 1652-1658.	0.9	28
100	Are depression, anxiety and poor mental health risk factors for knee pain? A systematic review. <i>BMC Musculoskeletal Disorders</i> , 2014, 15, 10.	1.9	96
101	Structural changes of hip osteoarthritis using magnetic resonance imaging. <i>Arthritis Research and Therapy</i> , 2014, 16, 466.	3.5	33
102	Obesity Is Associated With Reduced Disc Height in the Lumbar Spine but Not at the Lumbosacral Junction. <i>Spine</i> , 2014, 39, E962-E966.	2.0	33
103	Obesity and Joint Disease. , 2014, , 325-339.		0
104	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, 1136-1141.	1.3	7
105	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.	1.9	29
106	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, 600-612.	3.4	37
107	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, 429-436.	3.4	110
108	The relationship between patellofemoral and tibiofemoral morphology and gait biomechanics following arthroscopic partial medial meniscectomy. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2013, 21, 1097-1103.	4.2	22

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109	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, 187-194.	3.4	22
110	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.	3.4	43
111	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, 1033-1041.	1.9	56
112	Assessment of Cardiovascular Disease Risk in South Asian Populations. <i>International Journal of Vascular Medicine</i> , 2013, 2013, 1-10.	1.0	39
113	Effect of Long-Term Vigorous Physical Activity on Healthy Adult Knee Cartilage. <i>Medicine and Science in Sports and Exercise</i> , 2012, 44, 985-992.	0.4	16
114	A Flatter Proximal Trochlear Groove Is Associated with Patella Cartilage Loss. <i>Medicine and Science in Sports and Exercise</i> , 2012, 44, 496-500.	0.4	7
115	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, 3917-3925.	6.7	75
116	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, 373-378.	2.4	28
117	Use magnetic resonance imaging to assess articular cartilage. <i>Therapeutic Advances in Musculoskeletal Disease</i> , 2012, 4, 77-97.	2.7	40
118	Patellofemoral and tibiofemoral articular cartilage and subchondral bone health following arthroscopic partial medial meniscectomy. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2012, 20, 970-978.	4.2	42
119	HFE C282Y Homozygosity Is Associated with an Increased Risk of Total Hip Replacement for Osteoarthritis. <i>Seminars in Arthritis and Rheumatism</i> , 2012, 41, 872-878.	3.4	18
120	The associations between body and knee height measurements and knee joint structure in an asymptomatic cohort. <i>BMC Musculoskeletal Disorders</i> , 2012, 13, 19.	1.9	7
121	Sex hormones and structural changes in osteoarthritis: A systematic review. <i>Maturitas</i> , 2011, 69, 141-156.	2.4	58
122	2011 Young Investigator Award Winner. <i>Spine</i> , 2011, 36, 1320-1325.	2.0	90
123	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.	0.7	42
124	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.	1.9	6
125	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.	1.9	96
126	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, 1161-1167.	2.3	21

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127	Sex differences in the relationship between bone mineral density and tibial cartilage volume. <i>Rheumatology</i> , 2011, 50, 563-568.	1.9	9
128	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, 1770-1774.	0.9	369
129	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, 350-357.	2.0	55
130	Identification of Early Knee Osteoarthritis – A New Horizon. <i>Current Rheumatology Reviews</i> , 2010, 6, 251-256.	0.8	2
131	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.	1.9	24
132	Bone marrow lesions in people with knee osteoarthritis predict progression of disease and joint replacement: a longitudinal study. <i>Rheumatology</i> , 2010, 49, 2413-2419.	1.9	178
133	The relationship between body composition and structural changes at the knee. <i>Rheumatology</i> , 2010, 49, 2362-2369.	1.9	67
134	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.	1.9	101
135	Occupational activity is associated with knee cartilage morphology in females. <i>Maturitas</i> , 2010, 66, 72-76.	2.4	19
136	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.	3.5	37
137	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.	3.5	90
138	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.	3.5	46
139	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, 1227-1231.	1.9	40
140	Longitudinal effect of vigorous physical activity on patella cartilage morphology in people without clinical knee disease. <i>Arthritis and Rheumatism</i> , 2009, 61, 1095-1102.	6.7	33
141	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.	3.5	28
142	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.	3.5	19
143	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.	3.5	131
144	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> , 2009, 10, R143.	3.5	16

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145	Women have increased rates of cartilage loss and progression of cartilage defects at the knee than men. <i>Menopause</i> , 2009, 16, 666-670.	2.0	98
146	Obesity and Knee Osteoarthritis: New Insights Provided by Body Composition Studies. <i>Obesity</i> , 2008, 16, 232-240.	3.0	59
147	The Longitudinal Relationship Between Body Composition and Patella Cartilage in Healthy Adults. <i>Obesity</i> , 2008, 16, 421-427.	3.0	36
148	IN-HOSPITAL OUTCOMES AND HOSPITAL RESOURCE UTILIZATION OF HIP REPLACEMENT PROCEDURES. <i>ANZ Journal of Surgery</i> , 2008, 78, 875-880.	0.7	7
149	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.	3.5	71
150	Body composition and knee cartilage properties in healthy, community-based adults. <i>Annals of the Rheumatic Diseases</i> , 2007, 66, 1244-1248.	0.9	66
151	Effect of physical activity on articular knee joint structures in community-based adults. <i>Arthritis and Rheumatism</i> , 2007, 57, 1261-1268.	6.7	108
152	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, 112-118.	3.4	74
153	Knee cartilage loss in symptomatic knee osteoarthritis over 4.5 years. <i>Arthritis Research and Therapy</i> , 2006, 8, R90.	3.5	49
154	The determinants of change in tibial plateau bone area in osteoarthritic knees: a cohort study. <i>Arthritis Research</i> , 2005, 7, R687.	2.0	73
155	Relationship between bone markers and knee cartilage volume in healthy men. <i>Journal of Rheumatology</i> , 2005, 32, 2200-4.	2.0	11
156	The effect of nutritional supplements on osteoarthritis. <i>Alternative Medicine Review</i> , 2004, 9, 275-96.	3.3	28
157	Compartment differences in knee cartilage volume in healthy adults. <i>Journal of Rheumatology</i> , 2002, 29, 554-6.	2.0	38
158	The determinants of change in patella cartilage volume in osteoarthritic knees. <i>Journal of Rheumatology</i> , 2002, 29, 2615-9.	2.0	61