

Flavia M Cicuttini

List of Publications by Year in Descending Order

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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.

453
papers

27,045
citations

66
h-index

156
g-index

478
ext. papers

34,540
ext. citations

4.7
avg, IF

6.51
L-index

#	Paper	IF	Citations
453	Associations between the morphological parameters of proximal tibiofibular joint (PTFJ) and changes in tibiofemoral joint structures in patients with knee osteoarthritis.. <i>Arthritis Research and Therapy</i> , 2022 , 24, 34	5.7	1
452	Does aerobic exercise effect pain sensitisation in individuals with musculoskeletal pain? A systematic review.. <i>BMC Musculoskeletal Disorders</i> , 2022 , 23, 113	2.8	1
451	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	
450	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
449	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
448	Prospective Association Between Inflammatory Markers and Knee Cartilage Volume Loss and Pain Trajectory. <i>Pain and Therapy</i> , 2021 , 11, 107	3.6	2
447	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
446	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
445	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	
444	Is antibiotic treatment effective in the management of chronic low back pain with disc herniation? Study protocol for a randomised controlled trial. <i>Trials</i> , 2021 , 22, 759	2.8	0
443	The association between change in bone marrow lesion size and change in tibiofemoral cartilage volume and knee symptoms. <i>Rheumatology</i> , 2021 , 60, 2791-2800	3.9	1
442	Population Vitamin D Stores Are Increasing in Tasmania, and This Is Associated With Less BMD Loss Over 10 Years. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021 , 106, e2995-e3004	5.6	0
441	Associations of blood pressure and arterial stiffness with knee cartilage volume in patients with knee osteoarthritis. <i>Rheumatology</i> , 2021 , 60, 4748-4754	3.9	
440	Neural activity during cognitive reappraisal in chronic low back pain: a preliminary study. <i>Scandinavian Journal of Pain</i> , 2021 , 21, 586-596	1.9	1
439	Person-centred care in osteoarthritis and inflammatory arthritis: a scoping review of people's needs outside of healthcare. <i>BMC Musculoskeletal Disorders</i> , 2021 , 22, 341	2.8	4
438	Associations between diet quality and knee joint structures, symptoms and systemic abnormalities in people with symptomatic knee osteoarthritis. <i>Clinical Nutrition</i> , 2021 , 40, 2483-2490	5.9	0
437	Association between knee symptoms, change in knee symptoms over 6-9 years, and SF-6D health state utility among middle-aged Australians. <i>Quality of Life Research</i> , 2021 , 30, 2601-2613	3.7	0

436	Insight into the longitudinal relationship between chronic subclinical inflammation and obesity from adolescence to early adulthood: a dual trajectory analysis. <i>Inflammation Research</i> , 2021 , 70, 799-809	7.2	0
435	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	
434	Association of serum levels of inflammatory markers and adipokines with joint symptoms and structures in participants with knee osteoarthritis. <i>Rheumatology</i> , 2021 ,	3.9	5
433	Sleep disturbance and bone mineral density, risk of falls and fracture: Results from a 10.7-year prospective cohort study. <i>Bone</i> , 2021 , 147, 115938	4.7	1
432	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
431	Association between diet quality in adolescence and adulthood and knee symptoms in adulthood: a 25-year cohort study. <i>British Journal of Nutrition</i> , 2021 , 1-8	3.6	1
430	Effects of Vitamin D Supplementation on Disabling Foot Pain in Patients With Symptomatic Knee Osteoarthritis. <i>Arthritis Care and Research</i> , 2021 , 73, 781-787	4.7	7
429	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
428	Trajectories of asthma and allergies from 7 years to 53 years and associations with lung function and extrapulmonary comorbidity profiles: a prospective cohort study. <i>Lancet Respiratory Medicine</i> , 2021 , 9, 387-396	35.1	10
427	Evaluation of the Pain Impact Index for Community-Dwelling Older Adults Through the Application of Rasch Modelling. <i>Pain Practice</i> , 2021 , 21, 501-512	3	
426	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
425	On-Device Lumbar-Pelvic Movement Detection Using Dual-IMU: A DNN-Based Approach. <i>IEEE Access</i> , 2021 , 9, 62241-62254	3.5	2
424	Depression in patients with knee osteoarthritis: risk factors and associations with joint symptoms. <i>BMC Musculoskeletal Disorders</i> , 2021 , 22, 40	2.8	11
423	Prevalence and Clinical Significance of Residual or Reconverted Red Bone Marrow on Knee MRI. <i>Diagnostics</i> , 2021 , 11,	3.8	1
422	Examining resting-state functional connectivity in key hubs of the default mode network in chronic low back pain. <i>Scandinavian Journal of Pain</i> , 2021 , 21, 839-846	1.9	0
421	Is adiposity associated with back and lower limb pain? A systematic review. <i>PLoS ONE</i> , 2021 , 16, e02567207	3.7	1
420	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	2.8	0
419	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

418	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
417	Investigating Individuals' Perceptions Regarding the Context Around the Low Back Pain Experience: Topic Modeling Analysis of Twitter Data. <i>Journal of Medical Internet Research</i> , 2021 , 23, e26093	7.6	0
416	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
415	Musculoskeletal pain and sedentary behaviour in occupational and non-occupational settings: a systematic review with meta-analysis.. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2021 , 18, 159	8.4	5
414	Obesity defined by body mass index and waist circumference and risk of total knee arthroplasty for osteoarthritis: A prospective cohort study 2021 , 16, e0245002		
413	Obesity defined by body mass index and waist circumference and risk of total knee arthroplasty for osteoarthritis: A prospective cohort study 2021 , 16, e0245002		
412	Obesity defined by body mass index and waist circumference and risk of total knee arthroplasty for osteoarthritis: A prospective cohort study 2021 , 16, e0245002		
411	Obesity defined by body mass index and waist circumference and risk of total knee arthroplasty for osteoarthritis: A prospective cohort study 2021 , 16, e0245002		
410	Obesity defined by body mass index and waist circumference and risk of total knee arthroplasty for osteoarthritis: A prospective cohort study 2021 , 16, e0245002		
409	Obesity defined by body mass index and waist circumference and risk of total knee arthroplasty for osteoarthritis: A prospective cohort study 2021 , 16, e0245002		
408	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
407	Longitudinal study of the relationship between physical activity and knee pain and functional limitation in community-dwelling older adults. <i>Archives of Gerontology and Geriatrics</i> , 2020 , 90, 104101	4	4
406	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
405	Electronic Skin Wearable Sensors for Detecting Lumbar-Pelvic Movements. <i>Sensors</i> , 2020 , 20,	3.8	11
404	Psychological characteristics associated with ultra-marathon running: An exploratory self-report and psychophysiological study. <i>Australian Journal of Psychology</i> , 2020 , 72, 235-247	2.3	3
403	Do Knee Pain Phenotypes Have Different Risks of Total Knee Replacement?. <i>Journal of Clinical Medicine</i> , 2020 , 9,	5.1	2
402	Catastrophization, fear of movement, anxiety, and depression are associated with persistent, severe low back pain and disability. <i>Spine Journal</i> , 2020 , 20, 857-865	4	22
401	Do Older Adults with Low Muscle Mass or Strength, in the Presence of Obesity, Have an Increased Risk of Joint Replacement Over 13 Years?. <i>Calcified Tissue International</i> , 2020 , 107, 10-17	3.9	1

400	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. <i>BMJ Open</i> , 2020 , 10, e035302	3	8
399	Association between metabolic syndrome and knee structural change on MRI. <i>Rheumatology</i> , 2020 , 59, 185-193	3.9	7
398	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
397	National Osteoarthritis Strategy brief report: Living well with osteoarthritis. <i>Australian Journal of General Practice</i> , 2020 , 49, 438-442	1.5	7
396	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
395	Association of body composition, physical activity and physical performance with knee cartilage thickness and bone area in young adults. <i>Rheumatology</i> , 2020 , 59, 1607-1616	3.9	
394	Identifying subgroups of community-dwelling older adults and their prospective associations with long-term knee osteoarthritis outcomes. <i>Clinical Rheumatology</i> , 2020 , 39, 1429-1437	3.9	0
393	Association of glucose homeostasis and metabolic syndrome with knee cartilage defects and cartilage volume in young adults. <i>Seminars in Arthritis and Rheumatism</i> , 2020 , 50, 192-197	5.3	0
392	Correspondence: Reply to Hopayian. <i>Journal of Physiotherapy</i> , 2020 , 66, 65	2.9	
391	Sleep Disturbance and Its Association with Pain Severity and Multisite Pain: A Prospective 10.7-Year Study. <i>Pain and Therapy</i> , 2020 , 9, 751-763	3.6	4
390	Quantification of hip effusion-synovitis and its cross-sectional and longitudinal associations with hip pain, MRI findings and early radiographic hip OA. <i>BMC Musculoskeletal Disorders</i> , 2020 , 21, 533	2.8	1
389	Incidence and predictors of fractures in older adults with and without obesity defined by body mass index versus body fat percentage. <i>Bone</i> , 2020 , 140, 115546	4.7	6
388	Moderate or severe low back pain is associated with body mass index amongst community-dwelling older Australians. <i>Archives of Gerontology and Geriatrics</i> , 2020 , 91, 104231	4	2
387	Estimating global injuries morbidity and mortality: methods and data used in the Global Burden of Disease 2017 study. <i>Injury Prevention</i> , 2020 , 26, i125-i153	3.2	12
386	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	
385	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. <i>Trials</i> , 2020 , 21, 795	2.8	2
384	Vascular Pathology and Osteoarthritis: A Systematic Review. <i>Journal of Rheumatology</i> , 2020 , 47, 748-760	4.1	9
383	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

382	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
381	Metabolic syndrome and trajectory of knee pain in older adults. <i>Osteoarthritis and Cartilage</i> , 2020 , 28, 45-52	6.2	8
380	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
379	Higher Serum Levels of Resistin Are Associated With Knee Synovitis and Structural Abnormalities in Patients With Symptomatic Knee Osteoarthritis. <i>Journal of the American Medical Directors Association</i> , 2019 , 20, 1242-1246	5.9	2
378	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
377	Prospective associations of osteosarcopenia and osteodynapenia with incident fracture and mortality over 10 years in community-dwelling older adults. <i>Archives of Gerontology and Geriatrics</i> , 2019 , 82, 67-73	4	27
376	People with low back pain want clear, consistent and personalised information on prognosis, treatment options and self-management strategies: a systematic review. <i>Journal of Physiotherapy</i> , 2019 , 65, 124-135	2.9	67
375	Pain at Multiple Sites Is Associated With Prevalent and Incident Fractures in Older Adults. <i>Journal of Bone and Mineral Research</i> , 2019 , 34, 2012-2018	6.3	3
374	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
373	Author's response to letter to editor: "Confounding variables in future studies assessing relationship between paraspinal muscles and low back pain". <i>Spine Journal</i> , 2019 , 19, 1134-1135	4	
372	Low-Dose Amitriptyline for Chronic Low Back Pain-Reply. <i>JAMA Internal Medicine</i> , 2019 , 179, 450-451	11.5	
371	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
370	Association Between Quantitatively Measured Infrapatellar Fat Pad High Signal-Intensity Alteration and Magnetic Resonance Imaging-Assessed Progression of Knee Osteoarthritis. <i>Arthritis Care and Research</i> , 2019 , 71, 638-646	4.7	9
369	Relationship of weight and obesity with the risk of knee and hip arthroplasty for osteoarthritis across different levels of physical performance: a prospective cohort study. <i>Scandinavian Journal of Rheumatology</i> , 2019 , 48, 64-71	1.9	6
368	Patients' perceived health information needs in inflammatory arthritis: A systematic review. <i>Seminars in Arthritis and Rheumatism</i> , 2019 , 48, 900-910	5.3	13
367	Bone marrow lesions in knee osteoarthritis: regional differences in tibial subchondral bone microstructure and their association with cartilage degeneration. <i>Osteoarthritis and Cartilage</i> , 2019 , 27, 1653-1662	6.2	15
366	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
365	Antiphospholipid syndrome: a clinical review. <i>Medical Journal of Australia</i> , 2019 , 211, 184-188	4	9

364	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
363	Zoledronic acid plus methylprednisolone zoledronic acid or placebo in symptomatic knee osteoarthritis: a randomized controlled trial. <i>Therapeutic Advances in Musculoskeletal Disease</i> , 2019 , 11, 1759720X19880054	3.8	5
362	Nutrients and Dietary Supplements for Osteoarthritis 2019 , 97-137		4
361	Association of age, sex and BMI with the rate of change in tibial cartilage volume: a 10.7-year longitudinal cohort study. <i>Arthritis Research and Therapy</i> , 2019 , 21, 273	5.7	3
360	Vitamin D supplementation may improve back pain disability in vitamin D deficient and overweight or obese adults. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2019 , 185, 212-217	5.1	9
359	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
358	Patellar tendon enthesis abnormalities and their association with knee pain and structural abnormalities in older adults. <i>Osteoarthritis and Cartilage</i> , 2019 , 27, 449-458	6.2	3
357	Vitamin D supplements for trunk muscle morphology in older adults: secondary analysis of a randomized controlled trial. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2019 , 10, 177-187	10.3	9
356	Effect of Vitamin D Supplementation on Depressive Symptoms in Patients With Knee Osteoarthritis. <i>Journal of the American Medical Directors Association</i> , 2019 , 20, 1634-1640.e1	5.9	15
355	Association of adiposity measures in childhood and adulthood with knee cartilage thickness, volume and bone area in young adults. <i>International Journal of Obesity</i> , 2019 , 43, 1411-1421	5.5	4
354	Paraspinal muscle cross-sectional area predicts low back disability but not pain intensity. <i>Spine Journal</i> , 2019 , 19, 862-868	4	19
353	Differentiating knee pain phenotypes in older adults: a prospective cohort study. <i>Rheumatology</i> , 2019 , 58, 274-283	3.9	7
352	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
351	The association between ambulatory activity, body composition and hip or knee joint replacement due to osteoarthritis: a prospective cohort study. <i>Osteoarthritis and Cartilage</i> , 2018 , 26, 671-679	6.2	14
350	Is abnormal glucose tolerance or diabetes a risk factor for knee, hip, or hand osteoarthritis? A systematic review. <i>Seminars in Arthritis and Rheumatism</i> , 2018 , 48, 176-189	5.3	21
349	The psychology of ultra-marathon runners: A systematic review. <i>Psychology of Sport and Exercise</i> , 2018 , 37, 43-58	4.2	20
348	How Do MRI-Detected Subchondral Bone Marrow Lesions (BMLs) on Two Different MRI Sequences Correlate with Clinically Important Outcomes?. <i>Calcified Tissue International</i> , 2018 , 103, 131-143	3.9	2
347	Patients' perceived needs of health care providers for low back pain management: a systematic scoping review. <i>Spine Journal</i> , 2018 , 18, 691-711	4	36

346	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
345	Bone matrix microdamage and vascular changes characterize bone marrow lesions in the subchondral bone of knee osteoarthritis. <i>Bone</i> , 2018 , 108, 193-201	4.7	27
344	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
343	People with low back pain perceive needs for non-biomedical services in workplace, financial, social and household domains: a systematic review. <i>Journal of Physiotherapy</i> , 2018 , 64, 74-83	2.9	9
342	Stepping strategy used to recover balance during an induced fall is associated with impaired function and strength in people with knee osteoarthritis. <i>International Journal of Rheumatic Diseases</i> , 2018 , 21, 1763-1771	2.3	3
341	The Relationship Between Structural and Functional Brain Changes and Altered Emotion and Cognition in Chronic Low Back Pain Brain Changes: A Systematic Review of MRI and fMRI Studies. <i>Clinical Journal of Pain</i> , 2018 , 34, 237-261	3.5	43
340	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
339	Adipsin Concentrations Are Associated with Back Pain Independently of Adiposity in Overweight or Obese Adults. <i>Frontiers in Physiology</i> , 2018 , 9, 93	4.6	11
338	Patients' perceived needs for allied health, and complementary and alternative medicines for low back pain: A systematic scoping review. <i>Health Expectations</i> , 2018 , 21, 824-847	3.7	5
337	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
336	Patients' perceived needs of osteoarthritis health information: A systematic scoping review. <i>PLoS ONE</i> , 2018 , 13, e0195489	3.7	18
335	Predictors of pain severity trajectory in older adults: a 10.7-year follow-up study. <i>Osteoarthritis and Cartilage</i> , 2018 , 26, 1619-1626	6.2	21
334	Poor general health and lower levels of vitality are associated with persistent, high-intensity low back pain and disability in community-based women: A prospective cohort study. <i>Maturitas</i> , 2018 , 113, 7-12	5	5
333	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
332	Negative beliefs about back pain are associated with persistent, high levels of low back disability in community-based women. <i>Menopause</i> , 2018 , 25, 977-984	2.5	10
331	Patient-perceived health service needs in inflammatory arthritis: A systematic scoping review. <i>Seminars in Arthritis and Rheumatism</i> , 2018 , 47, 765-777	5.3	11
330	Potential Effect Modifiers of the Association Between Physical Activity Patterns and Joint Symptoms in Middle-Aged Women. <i>Arthritis Care and Research</i> , 2018 , 70, 1012-1021	4.7	4
329	Histoire naturelle des aspects Modic: Étude longitudinale. <i>Revue Du Rhumatisme (Edition Francaise)</i> , 2018 , 85, 85-89	0.1	

328	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
327	Global, regional, and national age-sex-specific mortality and life expectancy, 1950-2017: a systematic analysis for the Global Burden of Disease Study 2017. <i>Lancet, The</i> , 2018 , 392, 1684-1735	40	483
326	Global, regional, and national age-sex-specific mortality for 282 causes of death in 195 countries and territories, 1980-2017: a systematic analysis for the Global Burden of Disease Study 2017. <i>Lancet, The</i> , 2018 , 392, 1736-1788	40	2850
325	Global, regional, and national comparative risk assessment of 84 behavioural, environmental and occupational, and metabolic risks or clusters of risks for 195 countries and territories, 1990-2017: a systematic analysis for the Global Burden of Disease Study 2017. <i>Lancet, The</i> , 2018 , 392, 1923-1994	40	1964
324	Population and fertility by age and sex for 195 countries and territories, 1950-2017: a systematic analysis for the Global Burden of Disease Study 2017. <i>Lancet, The</i> , 2018 , 392, 1995-2051	40	189
323	Global, regional, and national incidence, prevalence, and years lived with disability for 354 diseases and injuries for 195 countries and territories, 1990-2017: a systematic analysis for the Global Burden of Disease Study 2017. <i>Lancet, The</i> , 2018 , 392, 1789-1858	40	4524
322	Measuring progress from 1990 to 2017 and projecting attainment to 2030 of the health-related Sustainable Development Goals for 195 countries and territories: a systematic analysis for the Global Burden of Disease Study 2017. <i>Lancet, The</i> , 2018 , 392, 2091-2138	40	210
321	Global, regional, and national disability-adjusted life-years (DALYs) for 359 diseases and injuries and healthy life expectancy (HALE) for 195 countries and territories, 1990-2017: a systematic analysis for the Global Burden of Disease Study 2017. <i>Lancet, The</i> , 2018 , 392, 1859-1922	40	1283
320	Patients' perceived needs for medical services for non-specific low back pain: A systematic scoping review. <i>PLoS ONE</i> , 2018 , 13, e0204885	3.7	25
319	Factors associated with prevalent and incident foot pain: data from the Tasmanian Older Adult Cohort Study. <i>Maturitas</i> , 2018 , 118, 38-43	5	3
318	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
317	MRI-detected osteophytes of the knee: natural history and structural correlates of change. <i>Arthritis Research and Therapy</i> , 2018 , 20, 237	5.7	6
316	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
315	Association of childhood adiposity measures with adulthood knee cartilage defects and bone marrow lesions: a 25-year cohort study. <i>Osteoarthritis and Cartilage</i> , 2018 , 26, 1055-1062	6.2	3
314	Psychological Factors Associated With Ultramarathon Runners' Supranormal Pain Tolerance: A Pilot Study. <i>Journal of Pain</i> , 2018 , 19, 1406-1415	5.2	5
313	Vitamin D supplementation and inflammatory and metabolic biomarkers in patients with knee osteoarthritis: post hoc analysis of a randomised controlled trial. <i>British Journal of Nutrition</i> , 2018 , 120, 41-48	3.6	12
312	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
311	The natural history of Modic changes in a community-based cohort. <i>Joint Bone Spine</i> , 2017 , 84, 197-202	2.9	15

310	Patients' perceived health service needs for osteoarthritis (OA) care: a scoping systematic review. <i>Osteoarthritis and Cartilage</i> , 2017 , 25, 1010-1025	6.2	33
309	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
308	Knee Biomechanics During Jogging After Arthroscopic Partial Meniscectomy: A Longitudinal Study. <i>American Journal of Sports Medicine</i> , 2017 , 45, 1872-1880	6.8	2
307	Shoe-stiffening inserts for first metatarsophalangeal joint osteoarthritis (the SIMPLE trial): study protocol for a randomised controlled trial. <i>Trials</i> , 2017 , 18, 198	2.8	6
306	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
305	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
304	Maintaining Vitamin D Sufficiency Is Associated with Improved Structural and Symptomatic Outcomes in Knee Osteoarthritis. <i>American Journal of Medicine</i> , 2017 , 130, 1211-1218	2.4	26
303	Cardiovascular disease screening in general practice: General practitioner recording of common risk factors. <i>Preventive Medicine</i> , 2017 , 99, 282-285	4.3	5
302	Hip Shape as a Predictor of Osteoarthritis Progression in a Prospective Population Cohort. <i>Arthritis Care and Research</i> , 2017 , 69, 1566-1573	4.7	22
301	The effect of vitamin D status on pain, lower limb strength and knee function during balance recovery in people with knee osteoarthritis: an exploratory study. <i>Archives of Osteoporosis</i> , 2017 , 12, 83	2.9	7
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297	The association of knee structural pathology with pain at the knee is modified by pain at other sites in those with knee osteoarthritis. <i>Clinical Rheumatology</i> , 2017 , 36, 2549-2555	3.9	3
296	Associations Between Knee Effusion-synovitis and Joint Structural Changes in Patients with Knee Osteoarthritis. <i>Journal of Rheumatology</i> , 2017 , 44, 1644-1651	4.1	20
295	Are the size and composition of the paraspinal muscles associated with low back pain? A systematic review. <i>Spine Journal</i> , 2017 , 17, 1729-1748	4	88
294	Compensatory anabolic signaling in the sarcopenia of experimental chronic arthritis. <i>Scientific Reports</i> , 2017 , 7, 6311	4.9	14
293	The Use of Deceased Controls in Epidemiologic Research: A Systematic Review. <i>American Journal of Epidemiology</i> , 2017 , 186, 367-384	3.8	2

292	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
291	The interaction between weight and family history of total knee replacement with knee cartilage: a 10-year prospective study. <i>Osteoarthritis and Cartilage</i> , 2017 , 25, 227-233	6.2	4
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289	Associations Between Fat Mass and Multisite Pain: A Five-Year Longitudinal Study. <i>Arthritis Care and Research</i> , 2017 , 69, 509-516	4.7	23
288	Association Between Pain at Sites Outside the Knee and Knee Cartilage Volume Loss in Elderly People Without Knee Osteoarthritis: A Prospective Study. <i>Arthritis Care and Research</i> , 2017 , 69, 659-666	4.7	4
287	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
286	Hip arthroscopy for femoroacetabular impingement: use escalating beyond the evidence. <i>Medical Journal of Australia</i> , 2017 , 206, 424-426	4	1
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284	Longitudinal associations between adiposity and change in knee pain: Tasmanian older adult cohort study. <i>Seminars in Arthritis and Rheumatism</i> , 2016 , 45, 564-9	5.3	11
283	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
282	Plasma lipidomic profiling in patients with rheumatoid arthritis. <i>Metabolomics</i> , 2016 , 12, 1	4.7	7
281	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
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269	Antidepressants for osteoarthritis. <i>The Cochrane Library</i> , 2016 ,	5.2	3
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267	Patellofemoral Bone Marrow Lesions: Natural History and Associations With Pain and Structure. <i>Arthritis Care and Research</i> , 2016 , 68, 1647-1654	4.7	6
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265	Low- Versus High-Intensity Plyometric Exercise During Rehabilitation After Anterior Cruciate Ligament Reconstruction. <i>American Journal of Sports Medicine</i> , 2016 , 44, 609-17	6.8	26
264	Cross-sectional and Longitudinal Associations between Knee Joint Effusion Synovitis and Knee Pain in Older Adults. <i>Journal of Rheumatology</i> , 2016 , 43, 121-30	4.1	29
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261	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
260	Signal intensity alteration in the infrapatellar fat pad at baseline for the prediction of knee symptoms and structure in older adults: a cohort study. <i>Annals of the Rheumatic Diseases</i> , 2016 , 75, 1783-84	2.4	48
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252	Shorter Lumbar Paraspinal Fascia Is Associated With High Intensity Low Back Pain and Disability. <i>Spine</i> , 2016 , 41, E489-93	3.3	14
251	Relationships Between Weight, Physical Activity, and Back Pain in Young Adult Women. <i>Medicine (United States)</i> , 2016 , 95, e3368	1.8	9
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249	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
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245	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
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223	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
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215	Childhood Physical Performance Measures and Adulthood Knee Cartilage Volume and Bone Area: A 25-Year Cohort Study. <i>Arthritis Care and Research</i> , 2015 , 67, 1263-1271	4.7	7
214	The effects of a calcium-rich pre-exercise meal on biomarkers of calcium homeostasis in competitive female cyclists: a randomised crossover trial. <i>PLoS ONE</i> , 2015 , 10, e0123302	3.7	38
213	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
212	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
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209	Aspirin is associated with reduced cartilage loss in knee osteoarthritis: Data from a cohort study. <i>Maturitas</i> , 2015 , 81, 394-7	5	8
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205	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
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202	A longitudinal study of the association between infrapatellar fat pad maximal area and changes in knee symptoms and structure in older adults. <i>Annals of the Rheumatic Diseases</i> , 2015 , 74, 1818-24	2.4	67
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200	A family history of knee joint replacement increases the progression of knee radiographic osteoarthritis and medial tibial cartilage volume loss over 10 years. <i>Osteoarthritis and Cartilage</i> , 2015 , 23, 203-9	6.2	15
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198	The relationship between body composition and knee structure in patients with human immunodeficiency virus. <i>International Journal of STD and AIDS</i> , 2015 , 26, 133-8	1.4	7
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191	A longitudinal study of impact and early stance loads during gait following arthroscopic partial meniscectomy. <i>Journal of Biomechanics</i> , 2014 , 47, 2852-7	2.9	10
190	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
189	The association between hip muscle cross-sectional area, muscle strength, and bone mineral density. <i>Calcified Tissue International</i> , 2014 , 95, 64-72	3.9	21
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185	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

184	Comparison of inflammation, arterial stiffness and traditional cardiovascular risk factors between rheumatoid arthritis and inflammatory bowel disease. <i>Journal of Inflammation</i> , 2014 , 11, 29	6.7	34
183	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
182	Cross-sectional and longitudinal associations between systemic, subchondral bone mineral density and knee cartilage thickness in older adults with or without radiographic osteoarthritis. <i>Annals of the Rheumatic Diseases</i> , 2014 , 73, 2003-9	2.4	30
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180	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
179	Relationship between mental health and foot pain. <i>Arthritis Care and Research</i> , 2014 , 66, 1241-5	4.7	8
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176	Infrapatellar fat pad in the knee: is local fat good or bad for knee osteoarthritis?. <i>Arthritis Research and Therapy</i> , 2014 , 16, R145	5.7	66
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173	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
172	Responsiveness of magnetic resonance imaging-derived measures over 2.7 years. <i>Journal of Rheumatology</i> , 2014 , 41, 2060-7	4.1	8
171	Knee muscle strength after recent partial meniscectomy does not relate to 2-year change in knee adduction moment. <i>Clinical Orthopaedics and Related Research</i> , 2014 , 472, 3114-20	2.2	4
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169	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
168	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
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165	Associations between serum levels of inflammatory markers and change in knee pain over 5 years in older adults: a prospective cohort study. <i>Annals of the Rheumatic Diseases</i> , 2013 , 72, 535-40	2.4	146
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163	Are psychosocial factors associated with low back pain and work absence for low back pain in an occupational cohort?. <i>Clinical Journal of Pain</i> , 2013 , 29, 1015-20	3.5	34
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161	The association between objectively measured physical activity and knee structural change using MRI. <i>Annals of the Rheumatic Diseases</i> , 2013 , 72, 1170-5	2.4	72
160	Vitamin D supplementation in patients with osteoarthritis. <i>JAMA - Journal of the American Medical Association</i> , 2013 , 309, 1583	27.4	3
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158	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
157	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
156	Relationship between obesity and foot pain and its association with fat mass, fat distribution, and muscle mass. <i>Arthritis Care and Research</i> , 2012 , 64, 262-8	4.7	66
155	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
154	Impact of tai chi on impairment, functional limitation, and disability among preclinically disabled older people: a randomized controlled trial. <i>Archives of Physical Medicine and Rehabilitation</i> , 2012 , 93, 1400-7	2.8	15
153	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
152	Comparison of peak knee adduction moment and knee adduction moment impulse in distinguishing between severities of knee osteoarthritis. <i>Clinical Biomechanics</i> , 2012 , 27, 520-3	2.2	53
151	A prospective study of the impact of musculoskeletal pain and radiographic osteoarthritis on health related quality of life in community dwelling older people. <i>BMC Musculoskeletal Disorders</i> , 2012 , 13, 168	2.8	52
150	The relationship between retinal vessel calibre and knee cartilage and BMLs. <i>BMC Musculoskeletal Disorders</i> , 2012 , 13, 255	2.8	11
149	Vitamin D supplementation in the management of knee osteoarthritis: study protocol for a randomized controlled trial. <i>Trials</i> , 2012 , 13, 131	2.8	36

148	Use magnetic resonance imaging to assess articular cartilage. <i>Therapeutic Advances in Musculoskeletal Disease</i> , 2012 , 4, 77-97	3.8	31
147	A longitudinal study of the association between dietary factors, serum lipids, and bone marrow lesions of the knee. <i>Arthritis Research and Therapy</i> , 2012 , 14, R13	5.7	31
146	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
145	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
144	The association between parity and knee cartilage in young women. <i>Rheumatology</i> , 2012 , 51, 2039-45	3.9	2
143	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
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137	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
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