

Flavia M Cicuttini

List of Publications by Citations

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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	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	4.0	4524
452	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	4.0	2850
451	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	4.0	1964
450	The global burden of hip and knee osteoarthritis: estimates from the global burden of disease 2010 study. <i>Annals of the Rheumatic Diseases</i> , 2014 , 73, 1323-30	2.4	1731
449	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	4.0	1283
448	Osteoarthritis. <i>Nature Reviews Disease Primers</i> , 2016 , 2, 16072	51.1	534
447	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	4.0	483
446	Genetic influences on osteoarthritis in women: a twin study. <i>BMJ: British Medical Journal</i> , 1996 , 312, 940-3		457
445	Risk of osteoarthritis associated with long-term weight-bearing sports: a radiologic survey of the hips and knees in female ex-athletes and population controls. <i>Arthritis and Rheumatism</i> , 1996 , 39, 988-95		324
444	Higher dynamic medial knee load predicts greater cartilage loss over 12 months in medial knee osteoarthritis. <i>Annals of the Rheumatic Diseases</i> , 2011 , 70, 1770-4	2.4	308
443	Knee cartilage defects: association with early radiographic osteoarthritis, decreased cartilage volume, increased joint surface area and type II collagen breakdown. <i>Osteoarthritis and Cartilage</i> , 2005 , 13, 198-205	6.2	260
442	Does knee malalignment increase the risk of development and progression of knee osteoarthritis? A systematic review. <i>Arthritis and Rheumatism</i> , 2009 , 61, 459-67		235
441	Sex and site differences in cartilage development: a possible explanation for variations in knee osteoarthritis in later life. <i>Arthritis and Rheumatism</i> , 2000 , 43, 2543-9		220
440	The determinants of change in tibial cartilage volume in osteoarthritic knees. <i>Arthritis and Rheumatism</i> , 2002 , 46, 2065-72		214
439	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	4.0	210
438	Association of cartilage defects with loss of knee cartilage in healthy, middle-age adults: a prospective study. <i>Arthritis and Rheumatism</i> , 2005 , 52, 2033-9		208
437	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	4.0	189

436	Gender differences in knee cartilage volume as measured by magnetic resonance imaging. <i>Osteoarthritis and Cartilage</i> , 1999 , 7, 265-71	6.2	188
435	Incidence and risk factors for deep surgical site infection after primary total hip arthroplasty: a systematic review. <i>Journal of Arthroplasty</i> , 2010 , 25, 1216-22.e1-3	4.4	172
434	Bone marrow lesions in people with knee osteoarthritis predict progression of disease and joint replacement: a longitudinal study. <i>Rheumatology</i> , 2010 , 49, 2413-9	3.9	147
433	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
432	Association of pain with radiological changes in different compartments and views of the knee joint. <i>Osteoarthritis and Cartilage</i> , 1996 , 4, 143-7	6.2	141
431	Lateral wedge insoles for medial knee osteoarthritis: 12 month randomised controlled trial. <i>BMJ, The</i> , 2011 , 342, d2912	5.9	135
430	Natural history of knee cartilage defects and factors affecting change. <i>Archives of Internal Medicine</i> , 2006 , 166, 651-8		125
429	Correlates of knee pain in older adults: Tasmanian Older Adult Cohort Study. <i>Arthritis and Rheumatism</i> , 2006 , 55, 264-71		122
428	Fat infiltration of paraspinal muscles is associated with low back pain, disability, and structural abnormalities in community-based adults. <i>Spine Journal</i> , 2015 , 15, 1593-601	4	116
427	Serum levels of vitamin D, sunlight exposure, and knee cartilage loss in older adults: the Tasmanian older adult cohort study. <i>Arthritis and Rheumatism</i> , 2009 , 60, 1381-9		114
426	Association of prevalent and incident knee cartilage defects with loss of tibial and patellar cartilage: a longitudinal study. <i>Arthritis and Rheumatism</i> , 2005 , 52, 3918-27		111
425	Effect of Vitamin D Supplementation on Tibial Cartilage Volume and Knee Pain Among Patients With Symptomatic Knee Osteoarthritis: A Randomized Clinical Trial. <i>JAMA - Journal of the American Medical Association</i> , 2016 , 315, 1005-13	27.4	109
424	Relationship between body adiposity measures and risk of primary knee and hip replacement for osteoarthritis: a prospective cohort study. <i>Arthritis Research and Therapy</i> , 2009 , 11, R31	5.7	106
423	Knee structural alteration and BMI: a cross-sectional study. <i>Obesity</i> , 2005 , 13, 350-61		105
422	Meniscal tear as an osteoarthritis risk factor in a largely non-osteoarthritic cohort: a cross-sectional study. <i>Journal of Rheumatology</i> , 2007 , 34, 776-84	4.1	104
421	Temporal relationship between serum adipokines, biomarkers of bone and cartilage turnover, and cartilage volume loss in a population with clinical knee osteoarthritis. <i>Arthritis and Rheumatism</i> , 2011 , 63, 700-7		103
420	Natural history and clinical significance of MRI-detected bone marrow lesions at the knee: a prospective study in community dwelling older adults. <i>Arthritis Research and Therapy</i> , 2010 , 12, R223	5.7	102
419	Rate of knee cartilage loss after partial meniscectomy. <i>Journal of Rheumatology</i> , 2002 , 29, 1954-6	4.1	100

418	Menopause, oestrogens and arthritis. <i>Maturitas</i> , 2000 , 35, 183-99	5	98
417	Tackling obesity in knee osteoarthritis. <i>Nature Reviews Rheumatology</i> , 2013 , 9, 225-35	8.1	95
416	Knee articular cartilage development in children: a longitudinal study of the effect of sex, growth, body composition, and physical activity. <i>Pediatric Research</i> , 2003 , 54, 230-6	3.2	94
415	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
414	The Ile585Val TRPV1 variant is involved in risk of painful knee osteoarthritis. <i>Annals of the Rheumatic Diseases</i> , 2011 , 70, 1556-61	2.4	91
413	Effect of physical activity on articular knee joint structures in community-based adults. <i>Arthritis and Rheumatism</i> , 2007 , 57, 1261-8		90
412	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
411	Knee meniscal extrusion in a largely non-osteoarthritic cohort: association with greater loss of cartilage volume. <i>Arthritis Research and Therapy</i> , 2007 , 9, R21	5.7	87
410	Comparison and reproducibility of fast and conventional spoiled gradient-echo magnetic resonance sequences in the determination of knee cartilage volume. <i>Journal of Orthopaedic Research</i> , 2000 , 18, 580-4	3.8	83
409	2011 Young Investigator Award winner: Increased fat mass is associated with high levels of low back pain intensity and disability. <i>Spine</i> , 2011 , 36, 1320-5	3.3	80
408	Effects of Hylan G-F 20 supplementation on cartilage preservation detected by magnetic resonance imaging in osteoarthritis of the knee: a two-year single-blind clinical trial. <i>BMC Musculoskeletal Disorders</i> , 2011 , 12, 195	2.8	79
407	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
406	The international physical activity questionnaire overestimates moderate and vigorous physical activity in Human Immunodeficiency Virus compared with accelerometry. <i>Retrovirology</i> , 2010 , 7,	3.6	78
405	Supplementary vitamin E does not affect the loss of cartilage volume in knee osteoarthritis: a 2 year double blind randomized placebo controlled study. <i>Journal of Rheumatology</i> , 2002 , 29, 2585-91	4.1	78
404	Are depression, anxiety and poor mental health risk factors for knee pain? A systematic review. <i>BMC Musculoskeletal Disorders</i> , 2014 , 15, 10	2.8	77
403	Meniscal extrusion predicts increases in subchondral bone marrow lesions and bone cysts and expansion of subchondral bone in osteoarthritic knees. <i>Rheumatology</i> , 2010 , 49, 997-1004	3.9	77
402	Bone marrow lesions are related to dynamic knee loading in medial knee osteoarthritis. <i>Annals of the Rheumatic Diseases</i> , 2010 , 69, 1151-4	2.4	75
401	Tibiofemoral contact forces during walking, running and sidestepping. <i>Gait and Posture</i> , 2016 , 49, 78-85	2.6	73

390	Bone marrow lesions predict site-specific cartilage defect development and volume loss: a prospective study in older adults. <i>Arthritis Research and Therapy</i> , 2010 , 12, R222	5.7	73
399	Women have increased rates of cartilage loss and progression of cartilage defects at the knee than men: a gender study of adults without clinical knee osteoarthritis. <i>Menopause</i> , 2009 , 16, 666-70	2.5	73
398	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
397	Total cholesterol and triglycerides are associated with the development of new bone marrow lesions in asymptomatic middle-aged women - a prospective cohort study. <i>Arthritis Research and Therapy</i> , 2009 , 11, R181	5.7	72
396	Associations of Sarcopenic Obesity and Dynapenic Obesity with Bone Mineral Density and Incident Fractures Over 5-10 Years in Community-Dwelling Older Adults. <i>Calcified Tissue International</i> , 2016 , 99, 30-42	3.9	72
395	The association between subchondral bone cysts and tibial cartilage volume and risk of joint replacement in people with knee osteoarthritis: a longitudinal study. <i>Arthritis Research and Therapy</i> , 2010 , 12, R58	5.7	70
394	Smoking interacts with family history with regard to change in knee cartilage volume and cartilage defect development. <i>Arthritis and Rheumatism</i> , 2007 , 56, 1521-8		69
393	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
392	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
391	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
390	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
389	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
388	The determinants of change in tibial plateau bone area in osteoarthritic knees: a cohort study. <i>Arthritis Research</i> , 2005 , 7, R687-93		66
387	What is the effect of physical activity on the knee joint? A systematic review. <i>Medicine and Science in Sports and Exercise</i> , 2011 , 43, 432-42	1.2	64
386	Association of adult glioma with medical conditions, family and reproductive history. <i>International Journal of Cancer</i> , 1997 , 71, 203-7	7.5	64
385	Could low grade bacterial infection contribute to low back pain? A systematic review. <i>BMC Medicine</i> , 2015 , 13, 13	11.4	63
384	The relationship between body composition and knee cartilage volume in healthy, middle-aged subjects. <i>Arthritis and Rheumatism</i> , 2005 , 52, 461-7		63
383	Targeting IL-6 in the treatment of inflammatory and autoimmune diseases. <i>Expert Opinion on Investigational Drugs</i> , 2009 , 18, 1457-66	5.9	62

382	Association of bone marrow lesions with knee structures and risk factors for bone marrow lesions in the knees of clinically healthy, community-based adults. <i>Seminars in Arthritis and Rheumatism</i> , 2007 , 37, 112-8	5.3	59
381	The determinants of change in patella cartilage volume in osteoarthritic knees. <i>Journal of Rheumatology</i> , 2002 , 29, 2615-9	4.1	58
380	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
379	The relationship between body composition and structural changes at the knee. <i>Rheumatology</i> , 2010 , 49, 2362-9	3.9	57
378	Body composition and knee cartilage properties in healthy, community-based adults. <i>Annals of the Rheumatic Diseases</i> , 2007 , 66, 1244-8	2.4	57
377	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
376	The association between leptin, interleukin-6, and hip radiographic osteoarthritis in older people: a cross-sectional study. <i>Arthritis Research and Therapy</i> , 2010 , 12, R95	5.7	56
375	Effect of antioxidants on knee cartilage and bone in healthy, middle-aged subjects: a cross-sectional study. <i>Arthritis Research and Therapy</i> , 2007 , 9, R66	5.7	56
374	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
373	Weight change and change in tibial cartilage volume and symptoms in obese adults. <i>Annals of the Rheumatic Diseases</i> , 2015 , 74, 1024-9	2.4	52
372	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
371	The genetic contribution to muscle strength, knee pain, cartilage volume, bone size, and radiographic osteoarthritis: a sibpair study. <i>Arthritis and Rheumatism</i> , 2004 , 50, 805-10		52
370	Negative beliefs about low back pain are associated with high pain intensity and high level disability in community-based women. <i>BMC Musculoskeletal Disorders</i> , 2008 , 9, 148	2.8	51
369	Cross-sectional and longitudinal associations between circulating leptin and knee cartilage thickness in older adults. <i>Annals of the Rheumatic Diseases</i> , 2015 , 74, 82-8	2.4	49
368	The genetic contribution to longitudinal changes in knee structure and muscle strength: a sibpair study. <i>Arthritis and Rheumatism</i> , 2005 , 52, 2830-4		49
367	Association between MRI-detected knee joint regional effusion-synovitis and structural changes in older adults: a cohort study. <i>Annals of the Rheumatic Diseases</i> , 2016 , 75, 519-25	2.4	48
366	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, 1783-8	2.4	48
365	Foot posture, range of motion and plantar pressure characteristics in obese and non-obese individuals. <i>Gait and Posture</i> , 2015 , 41, 465-9	2.6	48

364	Outcomes of patients with orthopaedic trauma admitted to level 1 trauma centres. <i>ANZ Journal of Surgery</i> , 2006 , 76, 600-6	1	48
363	Is physical activity a risk factor for primary knee or hip replacement due to osteoarthritis? A prospective cohort study. <i>Journal of Rheumatology</i> , 2011 , 38, 350-7	4.1	46
362	Gender and recovery after general anesthesia combined with neuromuscular blocking drugs. <i>Anesthesia and Analgesia</i> , 2006 , 102, 291-7	3.9	46
361	Osteoarthritis and the postmenopausal woman: Epidemiological, magnetic resonance imaging, and radiological findings. <i>Seminars in Arthritis and Rheumatism</i> , 2004 , 34, 631-6	5.3	46
360	Tibiofemoral Contact Forces in the Anterior Cruciate Ligament-Reconstructed Knee. <i>Medicine and Science in Sports and Exercise</i> , 2016 , 48, 2195-2206	1.2	46
359	What can we learn about osteoarthritis by studying a healthy person against a person with early onset of disease?. <i>Current Opinion in Rheumatology</i> , 2010 , 22, 520-7	5.3	45
358	Obesity and knee osteoarthritis: new insights provided by body composition studies. <i>Obesity</i> , 2008 , 16, 232-40	8	45
357	Static knee alignment is associated with the risk of unicompartmental knee cartilage defects. <i>Journal of Orthopaedic Research</i> , 2008 , 26, 225-30	3.8	45
356	A longitudinal study of the effect of sex and age on rate of change in knee cartilage volume in adults. <i>Rheumatology</i> , 2007 , 46, 273-9	3.9	45
355	Physical activity and knee structural change: a longitudinal study using MRI. <i>Medicine and Science in Sports and Exercise</i> , 2007 , 39, 426-34	1.2	45
354	Knee cartilage loss in symptomatic knee osteoarthritis over 4.5 years. <i>Arthritis Research and Therapy</i> , 2006 , 8, R90	5.7	45
353	Osteoarthritis in the aged. Epidemiological issues and optimal management. <i>Drugs and Aging</i> , 1995 , 6, 409-20	4.7	45
352	Body weight at early and middle adulthood, weight gain and persistent overweight from early adulthood are predictors of the risk of total knee and hip replacement for osteoarthritis. <i>Rheumatology</i> , 2013 , 52, 1033-41	3.9	44
351	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
350	Sex hormones and structural changes in osteoarthritis: a systematic review. <i>Maturitas</i> , 2011 , 69, 141-56	5	43
349	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
348	The Victorian ambulatory care sensitive conditions study: rural and urban perspectives. <i>International Journal of Public Health</i> , 2003 , 48, 33-43		41
347	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, e008888	3	40

346	Factors that may mediate the relationship between physical activity and the risk for developing knee osteoarthritis. <i>Arthritis Research and Therapy</i> , 2008 , 10, 203	5.7	40
345	Are cognitive and behavioural factors associated with knee pain? A systematic review. <i>Seminars in Arthritis and Rheumatism</i> , 2015 , 44, 445-55	5.3	39
344	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
343	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
342	Variation in rates of hip and knee joint replacement in Australia based on socio-economic status, geographical locality, birthplace and indigenous status. <i>ANZ Journal of Surgery</i> , 2011 , 81, 26-31	1	38
341	Relationship of serum markers of cartilage metabolism to imaging and clinical outcome measures of knee joint structure. <i>Annals of the Rheumatic Diseases</i> , 2010 , 69, 1816-22	2.4	38
340	Development of bone marrow lesions is associated with adverse effects on knee cartilage while resolution is associated with improvement--a potential target for prevention of knee osteoarthritis: a longitudinal study. <i>Arthritis Research and Therapy</i> , 2010 , 12, R10	5.7	38
339	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
338	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
337	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
336	The role of traditional cardiovascular risk factors among patients with rheumatoid arthritis. <i>Journal of Rheumatology</i> , 2009 , 36, 34-40	4.1	35
335	Subchondral bone and cartilage damage: a prospective study in older adults. <i>Arthritis and Rheumatism</i> , 2010 , 62, 1967-73		35
334	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
333	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
332	Correlates of knee pain in younger subjects. <i>Clinical Rheumatology</i> , 2007 , 26, 75-80	3.9	34
331	Compartment differences in knee cartilage volume in healthy adults. <i>Journal of Rheumatology</i> , 2002 , 29, 554-6	4.1	34
330	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
329	Meniscal pathology - the evidence for treatment. <i>Arthritis Research and Therapy</i> , 2014 , 16, 206	5.7	33

328	Osteoarthritis: Is OA a mechanical or systemic disease?. <i>Nature Reviews Rheumatology</i> , 2014 , 10, 515-6	8.1	33
327	Association of weight gain with incident knee pain, stiffness, and functional difficulties: a longitudinal study. <i>Arthritis Care and Research</i> , 2013 , 65, 34-43	4.7	33
326	Does an increase in body mass index over 10 years affect knee structure in a population-based cohort study of adult women?. <i>Arthritis Research and Therapy</i> , 2010 , 12, R139	5.7	33
325	The Association Between Obesity and Low Back Pain and Disability Is Affected by Mood Disorders: A Population-Based, Cross-Sectional Study of Men. <i>Medicine (United States)</i> , 2016 , 95, e3367	1.8	33
324	Wolff's law in action: a mechanism for early knee osteoarthritis. <i>Arthritis Research and Therapy</i> , 2015 , 17, 207	5.7	32
323	The effect of FTO variation on increased osteoarthritis risk is mediated through body mass index: a Mendelian randomisation study. <i>Annals of the Rheumatic Diseases</i> , 2014 , 73, 2082-6	2.4	32
322	Medical management of osteoarthritis of the knee and hip joints. <i>Medical Journal of Australia</i> , 2004 , 180, 232-6	4	32
321	Use magnetic resonance imaging to assess articular cartilage. <i>Therapeutic Advances in Musculoskeletal Disease</i> , 2012 , 4, 77-97	3.8	31
320	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
319	Smoking is associated with increased cartilage loss and persistence of bone marrow lesions over 2 years in community-based individuals. <i>Rheumatology</i> , 2009 , 48, 1227-31	3.9	31
318	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
317	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
316	Safety, tolerability, clinical, and joint structural outcomes of a single intra-articular injection of allogeneic mesenchymal precursor cells in patients following anterior cruciate ligament reconstruction: a controlled double-blind randomised trial. <i>Arthritis Research and Therapy</i> , 2017 , 19, 180	5.7	30
315	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
314	The international physical activity questionnaire overestimates moderate and vigorous physical activity in HIV-infected individuals compared with accelerometry. <i>Journal of the Association of Nurses in AIDS Care</i> , 2010 , 21, 173-81	1.6	30
313	Do NSAIDs affect longitudinal changes in knee cartilage volume and knee cartilage defects in older adults?. <i>American Journal of Medicine</i> , 2009 , 122, 836-42	2.4	30
312	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
311	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

310	A longitudinal study of strength and gait after arthroscopic partial meniscectomy. <i>Medicine and Science in Sports and Exercise</i> , 2013 , 45, 2036-43	1.2	29
309	Factors associated with hip cartilage volume measured by magnetic resonance imaging: the Tasmanian Older Adult Cohort Study. <i>Arthritis and Rheumatism</i> , 2005 , 52, 1069-76		29
308	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
307	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
306	Do Moments and Strength Predict Cartilage Changes after Partial Meniscectomy?. <i>Medicine and Science in Sports and Exercise</i> , 2015 , 47, 1549-56	1.2	28
305	Markers of bone formation and resorption identify subgroups of patients with clinical knee osteoarthritis who have reduced rates of cartilage loss. <i>Journal of Rheumatology</i> , 2010 , 37, 1252-9	4.1	28
304	The longitudinal relationship between body composition and patella cartilage in healthy adults. <i>Obesity</i> , 2008 , 16, 421-7	8	28
303	Management options for femoroacetabular impingement: a systematic review of symptom and structural outcomes. <i>Osteoarthritis and Cartilage</i> , 2016 , 24, 1682-1696	6.2	28
302	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
301	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
300	Association of obesity and systemic factors with bone marrow lesions at the knee: a systematic review. <i>Seminars in Arthritis and Rheumatism</i> , 2014 , 43, 600-12	5.3	27
299	Longitudinal effect of vigorous physical activity on patella cartilage morphology in people without clinical knee disease. <i>Arthritis and Rheumatism</i> , 2009 , 61, 1095-102		27
298	The effect of nutritional supplements on osteoarthritis. <i>Alternative Medicine Review</i> , 2004 , 9, 275-96		27
297	The relationship between prospectively assessed body weight and physical activity and prevalence of radiological knee osteoarthritis in postmenopausal women. <i>Journal of Rheumatology</i> , 2006 , 33, 1835-40	4.1	27
296	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
295	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
294	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
293	The cross-sectional relationship between fortnightly exercise and knee cartilage properties in healthy adult women in midlife. <i>Menopause</i> , 2007 , 14, 830-4	2.5	26

292	Association between childhood overweight measures and adulthood knee pain, stiffness and dysfunction: a 25-year cohort study. <i>Annals of the Rheumatic Diseases</i> , 2015 , 74, 711-7	2.4	25
291	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
290	Association of low birth weight and preterm birth with the incidence of knee and hip arthroplasty for osteoarthritis. <i>Arthritis Care and Research</i> , 2015 , 67, 502-8	4.7	25
289	Dietary fatty acid intake affects the risk of developing bone marrow lesions in healthy middle-aged adults without clinical knee osteoarthritis: a prospective cohort study. <i>Arthritis Research and Therapy</i> , 2009 , 11, R63	5.7	25
288	Water fluoridation, osteoporosis, fractures--recent developments. <i>Australian Dental Journal</i> , 2001 , 46, 80-7; quiz 143	2.3	25
287	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
286	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
285	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
284	Biomechanical balance response during induced falls under dual task conditions in people with knee osteoarthritis. <i>Gait and Posture</i> , 2016 , 48, 106-112	2.6	24
283	A longitudinal study of the association between knee alignment and change in cartilage volume and chondral defects in a largely non-osteoarthritic population. <i>Journal of Rheumatology</i> , 2007 , 34, 181-6 ^{4.1}	4.1	24
282	Increase in body weight over a two-year period is associated with an increase in midfoot pressure and foot pain. <i>Journal of Foot and Ankle Research</i> , 2017 , 10, 31	3.2	23
281	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
280	Structural changes of hip osteoarthritis using magnetic resonance imaging. <i>Arthritis Research and Therapy</i> , 2014 , 16, 466	5.7	23
279	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
278	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
277	Osteoarthritis year in review 2015: imaging. <i>Osteoarthritis and Cartilage</i> , 2016 , 24, 49-57	6.2	22
276	Knee and hip radiographic osteoarthritis predict total hip bone loss in older adults: a prospective study. <i>Journal of Bone and Mineral Research</i> , 2010 , 25, 858-65	6.3	22
275	Quantitative Assessment of Knee Effusion-Synovitis in Older Adults: Association With Knee Structural Abnormalities. <i>Arthritis and Rheumatology</i> , 2016 , 68, 837-44	9.5	22

274	Hypointense signals in the infrapatellar fat pad assessed by magnetic resonance imaging are associated with knee symptoms and structure in older adults: a cohort study. <i>Arthritis Research and Therapy</i> , 2016 , 18, 234	5.7	22
273	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
272	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
271	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
270	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
269	Trabecular bone texture detected by plain radiography and variance orientation transform method is different between knees with and without cartilage defects. <i>Journal of Orthopaedic Research</i> , 2011 , 29, 1161-7	3.8	21
268	Association of baseline knee bone size, cartilage volume, and body mass index with knee cartilage loss over time: a longitudinal study in younger or middle-aged adults. <i>Journal of Rheumatology</i> , 2011 , 38, 1973-80	4.1	21
267	Characterization of CD34+HLA-DR-CD38+ and CD34+HLA-DR-CD38- progenitor cells from human umbilical cord blood. <i>Growth Factors</i> , 1994 , 10, 127-34	1.6	21
266	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
265	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
264	The psychology of ultra-marathon runners: A systematic review. <i>Psychology of Sport and Exercise</i> , 2018 , 37, 43-58	4.2	20
263	Associations between television viewing and physical activity and low back pain in community-based adults: A cohort study. <i>Medicine (United States)</i> , 2016 , 95, e3963	1.8	20
262	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
261	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
260	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
259	The longitudinal relationship between changes in body weight and changes in medial tibial cartilage, and pain among community-based adults with and without meniscal tears. <i>Annals of the Rheumatic Diseases</i> , 2014 , 73, 1652-8	2.4	20
258	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
257	The associations between indices of patellofemoral geometry and knee pain and patella cartilage volume: a cross-sectional study. <i>BMC Musculoskeletal Disorders</i> , 2010 , 11, 87	2.8	20

256	Statins and tendinopathy: a systematic review. <i>Medical Journal of Australia</i> , 2016 , 204, 115-21.e1	4	20
255	The associations between the dominant and nondominant peak external knee adductor moments during gait in healthy subjects: evidence for symmetry. <i>Archives of Physical Medicine and Rehabilitation</i> , 2009 , 90, 320-4	2.8	19
254	What is the evidence that osteoarthritis is genetically determined?. <i>Bailliereis Clinical Rheumatology</i> , 1997 , 11, 657-69		19
253	High sensitivity C-reactive protein is associated with lower tibial cartilage volume but not lower patella cartilage volume in healthy women at mid-life. <i>Arthritis Research and Therapy</i> , 2008 , 10, R27	5.7	19
252	Familial, structural, and environmental correlates of MRI-defined bone marrow lesions: a sibpair study. <i>Arthritis Research and Therapy</i> , 2006 , 8, R137	5.7	19
251	Correlates of knee bone marrow lesions in younger adults. <i>Arthritis Research and Therapy</i> , 2016 , 18, 31	5.7	19
250	Paraspinal muscle cross-sectional area predicts low back disability but not pain intensity. <i>Spine Journal</i> , 2019 , 19, 862-868	4	19
249	The genetic contribution and relevance of knee cartilage defects: case-control and sib-pair studies. <i>Journal of Rheumatology</i> , 2005 , 32, 1937-42	4.1	19
248	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
247	Patients' perceived needs of osteoarthritis health information: A systematic scoping review. <i>PLoS ONE</i> , 2018 , 13, e0195489	3.7	18
246	A population-based study of the association between hip bone marrow lesions, high cartilage signal, and hip and knee pain. <i>Clinical Rheumatology</i> , 2014 , 33, 369-76	3.9	18
245	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
244	The clinical significance, natural history and predictors of bone marrow lesion change over eight years. <i>Arthritis Research and Therapy</i> , 2014 , 16, R149	5.7	18
243	Women lose patella cartilage at a faster rate than men: a 4.5-year cohort study of subjects with knee OA. <i>Maturitas</i> , 2010 , 67, 270-4	5	18
242	Genetic mechanisms of knee osteoarthritis: a population-based longitudinal study. <i>Arthritis Research and Therapy</i> , 2006 , 8, R8	5.7	18
241	The relationship between the knee adduction moment and knee pain in middle-aged women without radiographic osteoarthritis. <i>Journal of Rheumatology</i> , 2006 , 33, 1845-8	4.1	18
240	Impact of tai-chi on falls among preclinically disabled older people. A randomized controlled trial. <i>Journal of the American Medical Directors Association</i> , 2015 , 16, 420-6	5.9	17
239	Modic changes in the lumbar spine and their association with body composition, fat distribution and intervertebral disc height - a 3.0 T-MRI study. <i>BMC Musculoskeletal Disorders</i> , 2016 , 17, 92	2.8	17

238	Magnetic Resonance Imaging-Assessed Vastus Medialis Muscle Fat Content and Risk for Knee Osteoarthritis Progression: Relevance From a Clinical Trial. <i>Arthritis Care and Research</i> , 2015 , 67, 1406-15	4.7	17
237	Comparison of patella cartilage volume and radiography in the assessment of longitudinal joint change at the patellofemoral joint. <i>Journal of Rheumatology</i> , 2004 , 31, 1369-72	4.1	17
236	Efficacy of yttrium-90 synovectomy across a spectrum of arthropathies in an era of improved disease modifying drugs and treatment protocols. <i>International Journal of Rheumatic Diseases</i> , 2014 , 17, 78-83	2.3	16
235	Reduced rates of primary joint replacement for osteoarthritis in Italian and Greek migrants to Australia: the Melbourne Collaborative Cohort Study. <i>Arthritis Research and Therapy</i> , 2009 , 11, R86	5.7	16
234	Not just loading and age: the dynamics of osteoarthritis, obesity and inflammation. <i>Medical Journal of Australia</i> , 2016 , 204, 47	4	16
233	The natural history of Modic changes in a community-based cohort. <i>Joint Bone Spine</i> , 2017 , 84, 197-202	2.9	15
232	Factors associated with magnetic resonance imaging defined patellar tendinopathy in community-based middle-aged women: a prospective cohort study. <i>BMC Musculoskeletal Disorders</i> , 2015 , 16, 184	2.8	15
231	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
230	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
229	Does statin use have a disease modifying effect in symptomatic knee osteoarthritis? Study protocol for a randomised controlled trial. <i>Trials</i> , 2015 , 16, 584	2.8	15
228	Weight change following knee and hip joint arthroplasty-a six-month prospective study of adults with osteoarthritis. <i>BMC Musculoskeletal Disorders</i> , 2015 , 16, 137	2.8	15
227	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
226	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
225	Low back pain and disability in community-based women: prevalence and associated factors. <i>Menopause</i> , 2009 , 16, 24-9	2.5	15
224	Alternative therapies for musculoskeletal conditions. <i>Best Practice and Research in Clinical Rheumatology</i> , 2008 , 22, 499-522	5.3	15
223	Association between meniscal tears and the peak external knee adduction moment and foot rotation during level walking in postmenopausal women without knee osteoarthritis: a cross-sectional study. <i>Arthritis Research and Therapy</i> , 2008 , 10, R58	5.7	15
222	Effects of laterally wedged insoles on symptoms and disease progression in medial knee osteoarthritis: a protocol for a randomised, double-blind, placebo controlled trial. <i>BMC Musculoskeletal Disorders</i> , 2007 , 8, 96	2.8	15
221	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

220	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
219	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> , 2015 , 17, 19	5.7	14
218	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
217	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
216	Compensatory anabolic signaling in the sarcopenia of experimental chronic arthritis. <i>Scientific Reports</i> , 2017 , 7, 6311	4.9	14
215	Occupational activity is associated with knee cartilage morphology in females. <i>Maturitas</i> , 2010 , 66, 72-6 5		14
214	Shorter Lumbar Paraspinal Fascia Is Associated With High Intensity Low Back Pain and Disability. <i>Spine</i> , 2016 , 41, E489-93	3.3	14
213	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
212	Natural history and clinical significance of meniscal tears over 8 years in a midlife cohort. <i>BMC Musculoskeletal Disorders</i> , 2016 , 17, 4	2.8	13
211	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
210	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
209	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
208	Vastus medialis cross-sectional area is positively associated with patella cartilage and bone volumes in a pain-free community-based population. <i>Arthritis Research and Therapy</i> , 2008 , 10, R143	5.7	13
207	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
206	Correlates of Hip Cartilage Defects: A Cross-sectional Study in Older Adults. <i>Journal of Rheumatology</i> , 2016 , 43, 1406-12	4.1	12
205	Fat Mass Is Associated with Foot Pain in Men: The Geelong Osteoporosis Study. <i>Journal of Rheumatology</i> , 2016 , 43, 138-43	4.1	12
204	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
203	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

202	The natural history of bone marrow lesions in community-based middle-aged women without clinical knee osteoarthritis. <i>Seminars in Arthritis and Rheumatism</i> , 2009 , 39, 213-7	5.3	12
201	Congestive cardiac failure: urban and rural perspectives in Victoria. <i>Australian Journal of Rural Health</i> , 2003 , 11, 266-70	1.3	12
200	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
199	Cross-Sectional and Longitudinal Associations Between Serum Levels of High-Sensitivity C-Reactive Protein, Knee Bone Marrow Lesions, and Knee Pain in Patients With Knee Osteoarthritis. <i>Arthritis Care and Research</i> , 2016 , 68, 1471-7	4.7	12
198	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
197	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
196	Association between serum concentration of 25-hydroxyvitamin D and the risk of hip arthroplasty for osteoarthritis: result from a prospective cohort study. <i>Osteoarthritis and Cartilage</i> , 2015 , 23, 2134-2140	6.2	11
195	Electronic Skin Wearable Sensors for Detecting Lumbar-Pelvic Movements. <i>Sensors</i> , 2020 , 20,	3.8	11
194	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
193	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
192	Relationships Between Tibiofemoral Contact Forces and Cartilage Morphology at 2 to 3 Years After Single-Bundle Hamstring Anterior Cruciate Ligament Reconstruction and in Healthy Knees. <i>Orthopaedic Journal of Sports Medicine</i> , 2017 , 5, 2325967117722506	3.5	11
191	Negative beliefs about low back pain are associated with persistent high intensity low back pain. <i>Psychology, Health and Medicine</i> , 2017 , 22, 790-799	2.1	11
190	Association of physical activity and physical performance with tibial cartilage volume and bone area in young adults. <i>Arthritis Research and Therapy</i> , 2015 , 17, 298	5.7	11
189	Bone marrow lesions can be subtyped into groups with different clinical outcomes using two magnetic resonance imaging (MRI) sequences. <i>Arthritis Research and Therapy</i> , 2015 , 17, 270	5.7	11
188	Association between popliteal artery wall thickness and knee structure in adults without clinical disease of the knee: a prospective cohort study. <i>Arthritis and Rheumatology</i> , 2015 , 67, 414-22	9.5	11
187	The relationship between retinal vessel calibre and knee cartilage and BMLs. <i>BMC Musculoskeletal Disorders</i> , 2012 , 13, 255	2.8	11
186	Depression in patients with knee osteoarthritis: risk factors and associations with joint symptoms. <i>BMC Musculoskeletal Disorders</i> , 2021 , 22, 40	2.8	11
185	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

184	Retinal arteriolar narrowing and incidence of knee replacement for osteoarthritis: a prospective cohort study. <i>Osteoarthritis and Cartilage</i> , 2015 , 23, 589-93	6.2	10
183	A Dose-response relationship between severity of disc degeneration and intervertebral disc height in the lumbosacral spine. <i>Arthritis Research and Therapy</i> , 2015 , 17, 297	5.7	10
182	Association of Body Composition and Hormonal and Inflammatory Factors With Tibial Cartilage Volume and Sex Difference in Cartilage Volume in Young Adults. <i>Arthritis Care and Research</i> , 2016 , 68, 517-25	4.7	10
181	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
180	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
179	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
178	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
177	Popliteal cysts and subgastrocnemius bursitis are associated with knee symptoms and structural abnormalities in older adults: a cross-sectional study. <i>Arthritis Research and Therapy</i> , 2014 , 16, R59	5.7	10
176	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
175	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
174	The offspring of people with a total knee replacement for severe primary knee osteoarthritis have a higher risk of worsening knee pain over 8 years. <i>Annals of the Rheumatic Diseases</i> , 2016 , 75, 368-73	2.4	9
173	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
172	Antiphospholipid syndrome: a clinical review. <i>Medical Journal of Australia</i> , 2019 , 211, 184-188	4	9
171	Screening for pre-clinical disability in different residential settings. <i>BMC Geriatrics</i> , 2010 , 10, 52	4.1	9
170	Comparison of X-rays and magnetic resonance imaging in the definition of tibiofemoral joint osteoarthritis. <i>Radiography</i> , 2000 , 6, 205-209	2	9
169	Relationships Between Weight, Physical Activity, and Back Pain in Young Adult Women. <i>Medicine (United States)</i> , 2016 , 95, e3368	1.8	9
168	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
167	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

166	Vascular Pathology and Osteoarthritis: A Systematic Review. <i>Journal of Rheumatology</i> , 2020 , 47, 748-760.	4.1	9
165	Relationship between bone markers and knee cartilage volume in healthy men. <i>Journal of Rheumatology</i> , 2005 , 32, 2200-4	4.1	9
164	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
163	Is low-dose amitriptyline effective in the management of chronic low back pain? Study protocol for a randomised controlled trial. <i>Trials</i> , 2016 , 17, 514	2.8	8
162	Mechanisms underpinning longitudinal increases in the knee adduction moment following arthroscopic partial meniscectomy. <i>Clinical Biomechanics</i> , 2014 , 29, 892-7	2.2	8
161	Early cartilage abnormalities at the hip are associated with obesity and body composition measures - a 3.0T MRI community-based study. <i>Arthritis Research and Therapy</i> , 2015 , 17, 107	5.7	8
160	Bone geometry of the hip is associated with obesity and early structural damage--a 3.0 T magnetic resonance imaging study of community-based adults. <i>Arthritis Research and Therapy</i> , 2015 , 17, 112	5.7	8
159	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
158	Aspirin is associated with reduced cartilage loss in knee osteoarthritis: Data from a cohort study. <i>Maturitas</i> , 2015 , 81, 394-7	5	8
157	Relationship between mental health and foot pain. <i>Arthritis Care and Research</i> , 2014 , 66, 1241-5	4.7	8
156	Responsiveness of magnetic resonance imaging-derived measures over 2.7 years. <i>Journal of Rheumatology</i> , 2014 , 41, 2060-7	4.1	8
155	Sex differences in the relationship between bone mineral density and tibial cartilage volume. <i>Rheumatology</i> , 2011 , 50, 563-8	3.9	8
154	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
153	Metabolic syndrome and trajectory of knee pain in older adults. <i>Osteoarthritis and Cartilage</i> , 2020 , 28, 45-52	6.2	8
152	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
151	Determinants of change in patella cartilage volume in healthy subjects. <i>Journal of Rheumatology</i> , 2006 , 33, 1658-61	4.1	8
150	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
149	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

148	Plasma lipidomic profiling in patients with rheumatoid arthritis. <i>Metabolomics</i> , 2016 , 12, 1	4.7	7
147	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
146	The interaction between physical activity and amount of baseline knee cartilage. <i>Rheumatology</i> , 2016 , 55, 1277-84	3.9	7
145	Change in knee structure and change in tibiofemoral joint space width: a five year longitudinal population-based study. <i>BMC Musculoskeletal Disorders</i> , 2016 , 17, 25	2.8	7
144	Association between metabolic syndrome and knee structural change on MRI. <i>Rheumatology</i> , 2020 , 59, 185-193	3.9	7
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139	Measuring Disease Progression in Osteoarthritis. <i>Current Treatment Options in Rheumatology</i> , 2016 , 2, 97-110	1.3	7
138	Differentiating knee pain phenotypes in older adults: a prospective cohort study. <i>Rheumatology</i> , 2019 , 58, 274-283	3.9	7
137	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
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130	Optimal sampling of MRI slices for the assessment of knee cartilage volume for cross-sectional and longitudinal studies. <i>BMC Musculoskeletal Disorders</i> , 2005 , 6, 10	2.8	6
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126	Cardiovascular disease screening in general practice: General practitioner recording of common risk factors. <i>Preventive Medicine</i> , 2017 , 99, 282-285	4.3	5
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73	Imaging of knee osteoarthritis. <i>Therapy: Open Access in Clinical Medicine</i> , 2010 , 7, 635-647		2
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68	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
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55	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
54	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}	2.8	1
53	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
52	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
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50	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
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