Flavia M Cicuttini

List of Publications by Year
in descending order

471 papers	41,212 citations	10351 72 h-index	3094 187 g-index
478 all docs	478 docs citations	478 times ranked	47953 citing authors

#	Article	IF	Citations
1	Global, regional, and national incidence, prevalence, and years lived with disability for 354 diseases and injuries for 195 countries and territories, 1990â€“2017: a systematic analysis for the Global Burden of Disease Study 2017. Lancet, The, 2018, 392, 1789-1858.	6.3	8,569
2	Global, regional, and national age-sex-specific mortality for 282 causes of death in 195 countries and territories, 1980â€“2017: a systematic analysis for the Global Burden of Disease Study 2017. Lancet, The, 2018, 392, 1736-1788.	6.3	4,989
3	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, 1990â€“2017: a systematic analysis for the Global Burden of Disease Study 2017. Lancet, The, 2018, 392, 1923-1994.	6.3	3,269
4	The global burden of hip and knee osteoarthritis: estimates from the Global Burden of Disease 2010 study. Annals of the Rheumatic Diseases, 2014, 73, 1323-1330.	0.5	2,433
5	Global, regional, and national disability-adjusted life-years (DALYs) for 359 diseases and injuries and healthy life expectancy (HALE) for 195 countries and territories, 1990â€“2017: a systematic analysis for the Global Burden of Disease Study 2017. Lancet, The, 2018, 392, 1859-1922.	6.3	2,123
6	Osteoarthritis. Nature Reviews Disease Primers, 2016, 2, 16072.	18.1	1,011
7	Global, regional, and national age-sex-specific mortality and life expectancy, 1950â€“2017: a systematic analysis for the Global Burden of Disease Study 2017. Lancet, The, 2018, 392, 1684-1735.	6.3	716
8	Genetic influences on osteoarthritis in women: a twin study. BMJ: British Medical Journal, 1996, 312, 940-943.	2.4	570
9	Higher dynamic medial knee load predicts greater cartilage loss over 12 months in medial knee osteoarthritis. Annals of the Rheumatic Diseases, 2011, 70, 1770-1774.	0.5	369
10	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. Arthritis and Rheumatism, 1996, 39, 988-995.	6.7	358
11	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. Lancet, The, 2018, 392, 2091-2138.	6.3	335
12	Population and fertility by age and sex for 195 countries and territories, 1950â€“2017: a systematic analysis for the Global Burden of Disease Study 2017. Lancet, The, 2018, 392, 1995-2051.	6.3	294
13	Does knee malalignment increase the risk of development and progression of knee osteoarthritis? A systematic review. Arthritis and Rheumatism, 2009, 61, 459-467.	6.7	283
14	Knee cartilage defects: association with early radiographic osteoarthritis, decreased cartilage volume, increased joint surface area and type II collagen breakdown. Osteoarthritis and Cartilage, 2005, 13, 198-205.	0.6	282
15	Sex and site differences in cartilage development: A possible explanation for variations in knee osteoarthritis in later life. Arthritis and Rheumatism, 2000, 43, 2543-2549.	6.7	240
16	Association of cartilage defects with loss of knee cartilage in healthy, middle-age adults: A prospective study. Arthritis and Rheumatism, 2005, 52, 2033-2039.	6.7	237
17	The determinants of change in tibial cartilage volume in osteoarthritic knees. Arthritis and Rheumatism, 2002, 46, 2065-2072.	6.7	230
18	Incidence and Risk Factors for Deep Surgical Site Infection After Primary Total Hip Arthroplasty: A Systematic Review. Journal of Arthroplasty, 2010, 25, 1216-1222.e3.	1.5	221

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19	Gender differences in knee cartilage volume as measured by magnetic resonance imaging. Osteoarthritis and Cartilage, 1999, 7, 265-271.	0.6	210
20	Fat infiltration of paraspinal muscles is associated with low back pain, disability, and structural abnormalities in community-based adults. Spine Journal, 2015, 15, 1593-1601.	0.6	188
21	Associations between serum levels of inflammatory markers and change in knee pain over 5 years in older adults: a prospective cohort study. Annals of the Rheumatic Diseases, 2013, 72, 535-540.	0.5	180
22	Bone marrow lesions in people with knee osteoarthritis predict progression of disease and joint replacement: a longitudinal study. Rheumatology, 2010, 49, 2413-2419.	0.9	178
23	Association of pain with radiological changes in different compartments and views of the knee joint. Osteoarthritis and Cartilage, 1996, 4, 143-147.	0.6	168
24	Lateral wedge insoles for medial knee osteoarthritis: 12 month randomised controlled trial. BMJ: British Medical Journal, 2011, 342, d2912-d2912.	2.4	168
25	Effect of Intra-articular Platelet-Rich Plasma vs Placebo Injection on Pain and Medial Tibial Cartilage Volume in Patients With Knee Osteoarthritis. JAMA - Journal of the American Medical Association, 2021, 326, 2021.	3.8	158
26	Effect of Vitamin D Supplementation on Tibial Cartilage Volume and Knee Pain Among Patients With Symptomatic Knee Osteoarthritis. JAMA - Journal of the American Medical Association, 2016, 315, 1005.	3.8	156
27	Are the size and composition of the paraspinal muscles associated with low back pain? A systematic review. Spine Journal, 2017, 17, 1729-1748.	0.6	155
28	People with low back pain want clear, consistent and personalised information on prognosis, treatment options and self-management strategies: a systematic review. Journal of Physiotherapy, 2019, 65, 124-135.	0.7	151
29	Natural History of Knee Cartilage Defects and Factors Affecting Change. Archives of Internal Medicine, 2006, 166, 651.	4.3	141
30	Correlates of knee pain in older adults: Tasmanian older adult cohort study. Arthritis and Rheumatism, 2006, 55, 264-271.	6.7	138
31	Serum levels of vitamin D, sunlight exposure, and knee cartilage loss in older adults: The Tasmanian older adult cohort study. Arthritis and Rheumatism, 2009, 60, 1381-1389.	6.7	134
32	Relationship between body adiposity measures and risk of primary knee and hip replacement for osteoarthritis: a prospective cohort study. Arthritis Research and Therapy, 2009, 11, R31.	1.6	131
33	Knee Structural Alteration and BMI: A Crossâ€sectional Study. Obesity, 2005, 13, 350-361.	4.0	126
34	Tackling obesity in knee osteoarthritis. Nature Reviews Rheumatology, 2013, 9, 225-235.	3.5	126
35	Association of prevalent and incident knee cartilage defects with loss of tibial and patellar cartilage: A longitudinal study. Arthritis and Rheumatism, 2005, 52, 3918-3927.	6.7	122
36	Menopause, oestrogens and arthritis. Maturitas, 2000, 35, 183-199.	1.0	118

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37	Natural history and clinical significance of MRI-detected bone marrow lesions at the knee: a prospective study in community dwelling older adults. Arthritis Research and Therapy, 2010, 12, R223.	1.6	118
38	Effect of breakfast on weight and energy intake: systematic review and meta-analysis of randomised controlled trials. BMJ: British Medical Journal, 2019, 364, l42.	2.4	118
39	Meniscal tear as an osteoarthritis risk factor in a largely non-osteoarthritic cohort: a cross-sectional study. Journal of Rheumatology, 2007, 34, 776-84.	1.0	115
40	Temporal relationship between serum adipokines, biomarkers of bone and cartilage turnover, and cartilage volume loss in a population with clinical knee osteoarthritis. Arthritis and Rheumatism, 2011, 63, 700-707.	6.7	112
41	The Ile585Val TRPV1 variant is involved in risk of painful knee osteoarthritis. Annals of the Rheumatic Diseases, 2011, 70, 1556-1561.	0.5	111
42	Tibiofemoral contact forces during walking, running and sidestepping. Gait and Posture, 2016, 49, 78-85.	0.6	111
43	Knee Articular Cartilage Development in Children: A Longitudinal Study of the Effect of Sex, Growth, Body Composition, and Physical Activity. Pediatric Research, 2003, 54, 230-236.	1.1	110
44	Incidence of total knee and hip replacement for osteoarthritis in relation to the metabolic syndrome and its components: A prospective cohort study. Seminars in Arthritis and Rheumatism, 2014, 43, 429-436.	1.6	110
45	Knee meniscal extrusion in a largely non-osteoarthritic cohort: association with greater loss of cartilage volume. Arthritis Research and Therapy, 2007, 9, R21.	1.6	108
46	Effect of physical activity on articular knee joint structures in communityâ€based adults. Arthritis and Rheumatism, 2007, 57, 1261-1268.	6.7	108
47	Rate of knee cartilage loss after partial meniscectomy. Journal of Rheumatology, 2002, 29, 1954-6.	1.0	107
48	Increased duration of co-contraction of medial knee muscles is associated with greater progression of knee osteoarthritis. Manual Therapy, 2016, 21, 151-158.	1.6	104
49	Associations of Sarcopenic Obesity and Dynapenic Obesity with Bone Mineral Density and Incident Fractures Over 5â€“10 Years in Community-Dwelling Older Adults. Calcified Tissue International, 2016, 99, 30-42.	1.5	103
50	Meniscal extrusion predicts increases in subchondral bone marrow lesions and bone cysts and expansion of subchondral bone in osteoarthritic knees. Rheumatology, 2010, 49, 997-1004.	0.9	101
51	Women have increased rates of cartilage loss and progression of cartilage defects at the knee than men. Menopause, 2009, 16, 666-670.	0.8	98
52	Bone marrow lesions predict site-specific cartilage defect development and volume loss: a prospective study in older adults. Arthritis Research and Therapy, 2010, 12, R222.	1.6	96
53	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. BMC Musculoskeletal Disorders, 2011, 12, 195.	0.8	96
54	Are depression, anxiety and poor mental health risk factors for knee pain? A systematic review. BMC Musculoskeletal Disorders, 2014, 15, 10.	0.8	96

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55	Could low grade bacterial infection contribute to low back pain? A systematic review. BMC Medicine, 2015, 13, 13.	2.3	92
56	Comparison and reproducibility of fast and conventional spoiled gradient-echo magnetic resonance sequences in the determination of knee cartilage volume. Journal of Orthopaedic Research, 2000, 18, 580-584.	1.2	91
57	The association between objectively measured physical activity and knee structural change using MRI. Annals of the Rheumatic Diseases, 2013, 72, 1170-1175.	0.5	91
58	The association between subchondral bone cysts and tibial cartilage volume and risk of joint replacement in people with knee osteoarthritis: a longitudinal study. Arthritis Research and Therapy, 2010, 12, R58.	1.6	90
59	2011 Young Investigator Award Winner. Spine, 2011, 36, 1320-1325.	1.0	90
60	The Relationship Between Structural and Functional Brain Changes and Altered Emotion and Cognition in Chronic Low Back Pain Brain Changes. Clinical Journal of Pain, 2018, 34, 237-261.	0.8	90
61	Supplementary vitamin E does not affect the loss of cartilage volume in knee osteoarthritis: a 2 year double blind randomized placebo controlled study. Journal of Rheumatology, 2002, 29, 2585-91.	1.0	89
62	Total cholesterol and triglycerides are associated with the development of new bone marrow lesions in asymptomatic middle-aged women - a prospective cohort study. Arthritis Research and Therapy, 2009, 11, R181.	1.6	87
63	A longitudinal study of the association between infrapatellar fat pad maximal area and changes in knee symptoms and structure in older adults. Annals of the Rheumatic Diseases, 2015, 74, 1818-1824.	0.5	87
64	Physical inactivity is associated with narrower lumbar intervertebral discs, high fat content of paraspinal muscles and low back pain and disability. Arthritis Research and Therapy, 2015, 17, 114.	1.6	84
65	Bone marrow lesions are related to dynamic knee loading in medial knee osteoarthritis. Annals of the Rheumatic Diseases, 2010, 69, 1151-1154.	0.5	82
66	Infrapatellar fat pad in the knee: is local fat good or bad for knee osteoarthritis?. Arthritis Research and Therapy, 2014, 16, R145.	1.6	80
67	Smoking interacts with family history with regard to change in knee cartilage volume and cartilage defect development. Arthritis and Rheumatism, 2007, 56, 1521-1528.	6.7	79
68	Relationship between obesity and foot pain and its association with fat mass, fat distribution, and muscle mass. Arthritis Care and Research, 2012, 64, 262-268.	1.5	79
69	Association of adult glioma with medical conditions, family and reproductive history. International Journal of Cancer, 1997, 71, 203-207.	2.3	76
70	What Is the Effect of Physical Activity on the Knee Joint? A Systematic Review. Medicine and Science in Sports and Exercise, 2011, 43, 432-442.	0.2	76
71	Increase in vastus medialis crossâ€sectional area is associated with reduced pain, cartilage loss, and joint replacement risk in knee osteoarthritis. Arthritis and Rheumatism, 2012, 64, 3917-3925.	6.7	75
72	Signal intensity alteration in the infrapatellar fat pad at baseline for the prediction of knee symptoms and structure in older adults: a cohort study. Annals of the Rheumatic Diseases, 2016, 75, 1783-1788.	0.5	75

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73	Association of Bone Marrow Lesions with Knee Structures and Risk Factors for Bone Marrow Lesions in the Knees of Clinically Healthy, Community-Based Adults. Seminars in Arthritis and Rheumatism, 2007, 37, 112-118.	1.6	74
74	Foot posture, range of motion and plantar pressure characteristics in obese and non-obese individuals. Gait and Posture, 2015, 41, 465-469.	0.6	74
75	The determinants of change in tibial plateau bone area in osteoarthritic knees: a cohort study. Arthritis Research, 2005, 7, R687.	2.0	73
76	Targeting IL-6 in the treatment of inflammatory and autoimmune diseases. Expert Opinion on Investigational Drugs, 2009, 18, 1457-1466.	1.9	72
77	Effect of antioxidants on knee cartilage and bone in healthy, middle-aged subjects: a cross-sectional study. Arthritis Research and Therapy, 2007, 9, R66.	1.6	71
78	The relationship between body composition and knee cartilage volume in healthy, middle-aged subjects. Arthritis and Rheumatism, 2005, 52, 461-467.	6.7	70
79	Weight change and change in tibial cartilage volume and symptoms in obese adults. Annals of the Rheumatic Diseases, 2015, 74, 1024-1029.	0.5	70
80	Comparison of peak knee adduction moment and knee adduction moment impulse in distinguishing between severities of knee osteoarthritis. Clinical Biomechanics, 2012, 27, 520-523.	0.5	68
81	The relationship between body composition and structural changes at the knee. Rheumatology, 2010, 49, 2362-2369.	0.9	67
82	Body composition and knee cartilage properties in healthy, community-based adults. Annals of the Rheumatic Diseases, 2007, 66, 1244-1248.	0.5	66
83	The effect ofFTOvariation on increased osteoarthritis risk is mediated through body mass index: a mendelian randomisation study. Annals of the Rheumatic Diseases, 2014, 73, 2082-2086.	0.5	66
84	The association between leptin, interleukin-6, and hip radiographic osteoarthritis in older people: a cross-sectional study. Arthritis Research and Therapy, 2010, 12, R95.	1.6	63
85	The genetic contribution to longitudinal changes in knee structure and muscle strength: A sibpair study. Arthritis and Rheumatism, 2005, 52, 2830-2834.	6.7	62
86	Association between metformin use and disease progression in obese people with knee osteoarthritis: data from the Osteoarthritis Initiativeâ€"a prospective cohort study. Arthritis Research and Therapy, 2019, 21, 127.	1.6	62
87	Tibiofemoral Contact Forces in the Anterior Cruciate Ligamentâ€"Reconstructed Knee. Medicine and Science in Sports and Exercise, 2016, 48, 2195-2206.	0.2	61
88	Association between MRI-detected knee joint regional effusion-synovitis and structural changes in older adults: a cohort study. Annals of the Rheumatic Diseases, 2016, 75, 519-525.	0.5	61
89	The determinants of change in patella cartilage volume in osteoarthritic knees. Journal of Rheumatology, 2002, 29, 2615-9.	1.0	61
90	A prospective study of the impact of musculoskeletal pain and radiographic osteoarthritis on health related quality of life in community dwelling older people. BMC Musculoskeletal Disorders, 2012, 13, 168.	0.8	60

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91	Obesity and Knee Osteoarthritis: New Insights Provided by Body Composition Studies. Obesity, 2008, 16, 232-240.	1.5	59
92	Negative beliefs about low back pain are associated with high pain intensity and high level disability in community-based women. BMC Musculoskeletal Disorders, 2008, 9, 148.	0.8	59
93	Effect of Intravenous Zoledronic Acid on Tibiofemoral Cartilage Volume Among Patients With Knee Osteoarthritis With Bone Marrow Lesions. JAMA - Journal of the American Medical Association, 2020, 323, 1456.	3.8	59
94	Sex hormones and structural changes in osteoarthritis: A systematic review. Maturitas, 2011, 69, 141-156.	1.0	58
95	Cross-sectional and longitudinal associations between circulating leptin and knee cartilage thickness in older adults. Annals of the Rheumatic Diseases, 2015, 74, 82-88.	0.5	58
96	Gender and Recovery After General Anesthesia Combined with Neuromuscular Blocking Drugs. Anesthesia and Analgesia, 2006, 102, 291-297.	1.1	57
97	A longitudinal study of the effect of sex and age on rate of change in knee cartilage volume in adults. Rheumatology, 2006, 46, 273-279.	0.9	57
98	How important is MRI for detecting early osteoarthritis?. Nature Clinical Practice Rheumatology, 2008, 4, 4-5.	3.2	57
99	Patients' perceived needs of health care providers for low back pain management: a systematic scoping review. Spine Journal, 2018, 18, 691-711.	0.6	57
100	The genetic contribution to muscle strength, knee pain, cartilage volume, bone size, and radiographic osteoarthritis: A sibpair study. Arthritis and Rheumatism, 2004, 50, 805-810.	6.7	56
101	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. Rheumatology, 2013, 52, 1033-1041.	0.9	56
102	Is Physical Activity a Risk Factor for Primary Knee or Hip Replacement Due to Osteoarthritis? A Prospective Cohort Study. Journal of Rheumatology, 2011, 38, 350-357.	1.0	55
103	Is OA a mechanical or systemic disease?. Nature Reviews Rheumatology, 2014, 10, 515-516.	3.5	54
104	Wolffâ€™s law in action: a mechanism for early knee osteoarthritis. Arthritis Research and Therapy, 2015, 17, 207.	1.6	54
105	Static knee alignment is associated with the risk of unicompartmental knee cartilage defects. Journal of Orthopaedic Research, 2008, 26, 225-230.	1.2	53
106	What can we learn about osteoarthritis by studying a healthy person against a person with early onset of disease?. Current Opinion in Rheumatology, 2010, 22, 520-527.	2.0	53
107	The Association Between Obesity and Low Back Pain and Disability Is Affected by Mood Disorders. Medicine (United States), 2016, 95, e3367.	0.4	53
108	Bone marrow lesions detected by specific combination of MRI sequences are associated with severity of osteochondral degeneration. Arthritis Research and Therapy, 2016, 18, 54.	1.6	53

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109	OUTCOMES OF PATIENTS WITH ORTHOPAEDIC TRAUMA ADMITTED TO LEVEL 1 TRAUMA CENTRES. ANZ Journal of Surgery, 2006, 76, 600-606.	0.3	52
110	Physical Activity and Knee Structural Change. Medicine and Science in Sports and Exercise, 2007, 39, 426-434.	0.2	52
111	Are cognitive and behavioural factors associated with knee pain? A systematic review. Seminars in Arthritis and Rheumatism, 2015, 44, 445-455.	1.6	52
112	Fat mass and fat distribution are associated with low back pain intensity and disability: results from a cohort study. Arthritis Research and Therapy, 2017, 19, 26.	1.6	52
113	Osteoarthritis in the Aged. Drugs and Aging, 1995, 6, 409-420.	1.3	51
114	The Effects of a Calcium-Rich Pre-Exercise Meal on Biomarkers of Calcium Homeostasis in Competitive Female Cyclists: A Randomised Crossover Trial. PLoS ONE, 2015, 10, e0123302.	1.1	51
115	Bone matrix microdamage and vascular changes characterize bone marrow lesions in the subchondral bone of knee osteoarthritis. Bone, 2018, 108, 193-201.	1.4	51
116	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. BMJ Open, 2015, 5, e009332.	0.8	50
117	Lumbar disc degeneration is associated with modic change and high paraspinal fat content â€“ a 3.0T magnetic resonance imaging study. BMC Musculoskeletal Disorders, 2016, 17, 439.	0.8	50
118	The Victorian ambulatory care sensitive conditions study: rural and urban perspectives. International Journal of Public Health, 2003, 48, 33-43.	2.7	49
119	Osteoarthritis and the postmenopausal woman: Epidemiological, magnetic resonance imaging, and radiological findings. Seminars in Arthritis and Rheumatism, 2004, 34, 631-636.	1.6	49
120	Knee cartilage loss in symptomatic knee osteoarthritis over 4.5 years. Arthritis Research and Therapy, 2006, 8, R90.	1.6	49
121	Vitamin D supplementation in the management of knee osteoarthritis: study protocol for a randomized controlled trial. Trials, 2012, 13, 131.	0.7	49
122	Efficacy of Low-Dose Amitriptyline for Chronic Low Back Pain. JAMA Internal Medicine, 2018, 178, 1474.	2.6	47
123	Association Between Inflammatory Biomarkers and Nonspecific Low Back Pain. Clinical Journal of Pain, 2020, 36, 379-389.	0.8	47
124	Depression in patients with knee osteoarthritis: risk factors and associations with joint symptoms. BMC Musculoskeletal Disorders, 2021, 22, 40.	0.8	47
125	Factors that may mediate the relationship between physical activity and the risk for developing knee osteoarthritis. Arthritis Research and Therapy, 2008, 10, 203.	1.6	46
126	Subchondral bone and cartilage damage: A prospective study in older adults. Arthritis and Rheumatism, 2010, 62, 1967-1973.	6.7	46

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127	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. Arthritis Research and Therapy, 2010, 12, R10.	1.6	46
128	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. Arthritis Research and Therapy, 2017, 19, 180.	1.6	46
129	Catastrophization, fear of movement, anxiety, and depression are associated with persistent, severe low back pain and disability. Spine Journal, 2020, 20, 857-865.	0.6	46
130	Medical management of osteoarthritis of the knee and hip joints. Medical Journal of Australia, 2004, 180, 232-236.	0.8	45
131	Paraspinal muscle cross-sectional area predicts low back disability but not pain intensity. Spine Journal, 2019, 19, 862-868.	0.6	45
132	A review on segmentation of knee articular cartilage: from conventional methods towards deep learning. Artificial Intelligence in Medicine, 2020, 106, 101851.	3.8	45
133	Patients' perceived health service needs for osteoarthritis (OA) care: aÂscoping systematic review. Osteoarthritis and Cartilage, 2017, 25, 1010-1025.	0.6	44
134	Estimating global injuries morbidity and mortality: methods and data used in the Global Burden of Disease 2017 study. Injury Prevention, 2020, 26, i125-i153.	1.2	44
135	Association of weight gain with incident knee pain, stiffness, and functional difficulties: A longitudinal study. Arthritis Care and Research, 2013, 65, 34-43.	1.5	43
136	Comparison of inflammation, arterial stiffness and traditional cardiovascular risk factors between rheumatoid arthritis and inflammatory bowel disease. Journal of Inflammation, 2014, 11, 29.	1.5	43
137	Prospective associations of osteosarcopenia and osteodynapenia with incident fracture and mortality over 10 years in community-dwelling older adults. Archives of Gerontology and Geriatrics, 2019, 82, 67-73.	1.4	43
138	The Role of Traditional Cardiovascular Risk Factors Among Patients with Rheumatoid Arthritis. Journal of Rheumatology, 2009, 36, 34-40.	1.0	42
139	Relationship of serum markers of cartilage metabolism to imaging and clinical outcome measures of knee joint structure. Annals of the Rheumatic Diseases, 2010, 69, 1816-1822.	0.5	42
140	Variation in rates of hip and knee joint replacement in Australia based on socioâ€€economic status, geographical locality, birthplace and indigenous status. ANZ Journal of Surgery, 2011, 81, 26-31.	0.3	42
141	Patellofemoral and tibiofemoral articular cartilage and subchondral bone health following arthroscopic partial medial meniscectomy. Knee Surgery, Sports Traumatology, Arthroscopy, 2012, 20, 970-978.	2.3	42
142	A large infrapatellar fat pad protects against knee pain and lateral tibial cartilage volume loss. Arthritis Research and Therapy, 2015, 17, 318.	1.6	42
143	Trajectories of asthma and allergies from 7 years to 53 years and associations with lung function and extrapulmonary comorbidity profiles: a prospective cohort study. Lancet Respiratory Medicine,the, 2021, 9, 387-396.	5.2	42
144	Cross-sectional and longitudinal associations between systemic, subchondral bone mineral density and knee cartilage thickness in older adults with or without radiographic osteoarthritis. Annals of the Rheumatic Diseases, 2014, 73, 2003-2009.	0.5	41

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145	Correlates of knee pain in younger subjects. Clinical Rheumatology, 2007, 26, 75-80.	1.0	40
146	Smoking is associated with increased cartilage loss and persistence of bone marrow lesions over 2 years in community-based individuals. Rheumatology, 2009, 48, 1227-1231.	0.9	40
147	Do NSAIDs Affect Longitudinal Changes in Knee Cartilage Volume and Knee Cartilage Defects in Older Adults?. American Journal of Medicine, 2009, 122, 836-842.	0.6	40
148	Use magnetic resonance imaging to assess articular cartilage. Therapeutic Advances in Musculoskeletal Disease, 2012, 4, 77-97.	1.2	40
149	Cross-sectional and Longitudinal Associations between Knee Joint Effusion Synovitis and Knee Pain in Older Adults. Journal of Rheumatology, 2016, 43, 121-130.	1.0	40
150	Water fluoridation, osteoporosis, fracturesâ€"recent developments. Australian Dental Journal, 2001, 46, 80-87.	0.6	39
151	The International Physical Activity Questionnaire Overestimates Moderate and Vigorous Physical Activity in HIV-Infected Individuals Compared With Accelerometry. Journal of the Association of Nurses in AIDS Care, 2010, 21, 173-181.	0.4	39
152	Are Psychosocial Factors Associated With Low Back Pain and Work Absence for Low Back Pain in an Occupational Cohort?. Clinical Journal of Pain, 2013, 29, 1015-1020.	0.8	39
153	Low- Versus High-Intensity Plyometric Exercise During Rehabilitation After Anterior Cruciate Ligament Reconstruction. American Journal of Sports Medicine, 2016, 44, 609-617.	1.9	39
154	Maintaining Vitamin D Sufficiency Is Associated with Improved Structural and Symptomatic Outcomes in Knee Osteoarthritis. American Journal of Medicine, 2017, 130, 1211-1218.	0.6	39
155	Patientsâ€™ perceived needs for medical services for non-specific low back pain: A systematic scoping review. PLoS ONE, 2018, 13, e0204885.	1.1	39
156	Musculoskeletal pain and sedentary behaviour in occupational and non-occupational settings: a systematic review with meta-analysis. International Journal of Behavioral Nutrition and Physical Activity, 2021, 18, 159.	2.0	39
157	Association between childhood overweight measures and adulthood knee pain, stiffness and dysfunction: a 25-year cohort study. Annals of the Rheumatic Diseases, 2015, 74, 711-717.	0.5	38
158	Compartment differences in knee cartilage volume in healthy adults. Journal of Rheumatology, 2002, 29, 554-6.	1.0	38
159	Does an increase in body mass index over 10 years affect knee structure in a population-based cohort study of adult women?. Arthritis Research and Therapy, 2010, 12, R139.	1.6	37
160	A longitudinal study of the association between dietary factors, serum lipids, and bone marrow lesions of the knee. Arthritis Research and Therapy, 2012, 14, R13.	1.6	37
161	Association of obesity and systemic factors with bone marrow lesions at the knee: A systematic review. Seminars in Arthritis and Rheumatism, 2014, 43, 600-612.	1.6	37
162	The Longitudinal Relationship Between Body Composition and Patella Cartilage in Healthy Adults. Obesity, 2008, 16, 421-427.	1.5	36

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163	Markers of Bone Formation and Resorption Identify Subgroups of Patients with Clinical Knee Osteoarthritis Who Have Reduced Rates of Cartilage Loss. Journal of Rheumatology, 2010, 37, 1252-1259.	1.0	36
164	A Longitudinal Study of Strength and Gait after Arthroscopic Partial Meniscectomy. Medicine and Science in Sports and Exercise, 2013, 45, 2036-2043.	0.2	36
165	Meniscal pathology - the evidence for treatment. Arthritis Research and Therapy, 2014, 16, 206.	1.6	36
166	Management options for femoroacetabular impingement: aÂsystematic review of symptom and structural outcomes. Osteoarthritis and Cartilage, 2016, 24, 1682-1696.	0.6	36
167	Knee pain as a predictor of structural progression over 4 years: data from the Osteoarthritis Initiative, a prospective cohort study. Arthritis Research and Therapy, 2018, 20, 250.	1.6	36
168	Incidence of Total Knee and Hip Replacement for Osteoarthritis in Relation to Circulating Sex Steroid Hormone Concentrations in Women. Arthritis and Rheumatology, 2014, 66, 2144-2151.	2.9	35
169	Patientsâ€™ perceived needs of osteoarthritis health information: A systematic scoping review. PLoS ONE, 2018, 13, e0195489.	1.1	35
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