Jeffrey Driban

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Effect of Intra-articular Triamcinolone vs Saline on Knee Cartilage Volume and Pain in Patients With Knee Osteoarthritis. JAMA - Journal of the American Medical Association, 2017, 317, 1967.	3.8	556
2	OARSI Clinical Trials Recommendations: Design, conduct, and reporting of clinical trials for knee osteoarthritis. Osteoarthritis and Cartilage, 2015, 23, 747-760.	0.6	165
3	Responsiveness and Minimally Important Differences for 4ÂPatient-Reported Outcomes Measurement Information System Short Forms: Physical Function, Pain Interference, Depression, and Anxiety in Knee Osteoarthritis. Journal of Pain, 2017, 18, 1096-1110.	0.7	155
4	Sex Differences in Head Acceleration During Heading While Wearing Soccer Headgear. Journal of Athletic Training, 2008, 43, 578-584.	0.9	132
5	Comparative Effectiveness of Tai Chi Versus Physical Therapy for Knee Osteoarthritis. Annals of Internal Medicine, 2016, 165, 77.	2.0	124
6	ls Participation in Certain Sports Associated With Knee Osteoarthritis? A Systematic Review. Journal of Athletic Training, 2017, 52, 497-506.	0.9	121
7	Postures, typing strategies, and gender differences in mobile device usage: An observational study. Applied Ergonomics, 2012, 43, 408-412.	1.7	116
8	Reliability and validity of three quality rating instruments for systematic reviews of observational studies. Research Synthesis Methods, 2011, 2, 110-118.	4.2	115
9	Inflammation and glucose homeostasis are associated with specific structural features among adults without knee osteoarthritis: a cross-sectional study from the osteoarthritis initiative. BMC Musculoskeletal Disorders, 2018, 19, 1.	0.8	105
10	Osteoarthritis-related biomarkers following anterior cruciate ligament injury and reconstruction: a systematic review. Osteoarthritis and Cartilage, 2015, 23, 1-12.	0.6	103
11	ls osteoarthritis a heterogeneous disease that can be stratified into subsets?. Clinical Rheumatology, 2010, 29, 123-131.	1.0	93
12	Patient-Reported Outcomes Measurement Information System (PROMIS) instruments among individuals with symptomatic knee osteoarthritis: a cross-sectional study of floor/ceiling effects and construct validity. BMC Musculoskeletal Disorders, 2015, 16, 253.	0.8	86
13	Association of Knee Injuries With Accelerated Knee Osteoarthritis Progression: Data From the Osteoarthritis Initiative. Arthritis Care and Research, 2014, 66, 1673-1679.	1.5	83
14	Risk factors and the natural history of accelerated knee osteoarthritis: a narrative review. BMC Musculoskeletal Disorders, 2020, 21, 332.	0.8	81
15	Evaluation of bone marrow lesion volume as a knee osteoarthritis biomarker - longitudinal relationships with pain and structural changes: data from the Osteoarthritis Initiative. Arthritis Research and Therapy, 2013, 15, R112.	1.6	79
16	Vitamin D Deficiency Is Associated with Progression of Knee Osteoarthritis. Journal of Nutrition, 2014, 144, 2002-2008.	1.3	77
17	Greater Mechanical Loading During Walking Is Associated With Less Collagen Turnover in Individuals With Anterior Cruciate Ligament Reconstruction. American Journal of Sports Medicine, 2016, 44, 425-432.	1.9	76
18	Characterization of posture and comfort in laptop users in non-desk settings. Applied Ergonomics, 2012, 43, 392-399.	1.7	65

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19	Tibiofemoral Osteoarthritis After Surgical or Nonsurgical Treatment of Anterior Cruciate Ligament Rupture: A Systematic Review. Journal of Athletic Training, 2017, 52, 507-517.	0.9	65
20	Test-retest reliability and sensitivity of the 20-meter walk test among patients with knee osteoarthritis. BMC Musculoskeletal Disorders, 2013, 14, 166.	0.8	62
21	Dietary Fat Intake and Radiographic Progression of Knee Osteoarthritis: Data From the Osteoarthritis Initiative. Arthritis Care and Research, 2017, 69, 368-375.	1.5	61
22	Effects of Prescription Nonsteroidal Antiinflammatory Drugs on Symptoms and Disease Progression Among Patients With Knee Osteoarthritis. Arthritis and Rheumatology, 2015, 67, 724-732.	2.9	50
23	Quantitative bone marrow lesion size in osteoarthritic knees correlates with cartilage damage and predicts longitudinal cartilage loss. BMC Musculoskeletal Disorders, 2011, 12, 217.	0.8	46
24	Assessing the comparative effectiveness of Tai Chi versus physical therapy for knee osteoarthritis: design and rationale for a randomized trial. BMC Complementary and Alternative Medicine, 2014, 14, 333.	3.7	46
25	Osteoarthritis and the Tactical Athlete: A Systematic Review. Journal of Athletic Training, 2016, 51, 952-961.	0.9	45
26	The relationship between meniscal pathology and osteoarthritis depends on the type of meniscal damage visible on magnetic resonance images: data from the Osteoarthritis Initiative. Osteoarthritis and Cartilage, 2017, 25, 76-84.	0.6	45
27	Individuals with incident accelerated knee osteoarthritis have greater pain than those with common knee osteoarthritis progression: data from the Osteoarthritis Initiative. Clinical Rheumatology, 2016, 35, 1565-1571.	1.0	40
28	Coronal tibial slope is associated with accelerated knee osteoarthritis: data from the Osteoarthritis Initiative. BMC Musculoskeletal Disorders, 2016, 17, 299.	0.8	38
29	Running does not increase symptoms or structural progression in people with knee osteoarthritis: data from the osteoarthritis initiative. Clinical Rheumatology, 2018, 37, 2497-2504.	1.0	38
30	An Electromyographic Assessment of the "Bear Hug― An Examination for the Evaluation of the Subscapularis Muscle. Arthroscopy - Journal of Arthroscopic and Related Surgery, 2008, 24, 1265-1270.	1.3	36
31	Comparison of self-report and objective measures of physical activity in US adults with osteoarthritis. Rheumatology International, 2016, 36, 1355-1364.	1.5	35
32	Objectively Measured Physical Activity and Symptoms Change in Knee Osteoarthritis. American Journal of Medicine, 2016, 129, 497-505.e1.	0.6	35
33	Milk Consumption and Progression of Medial Tibiofemoral Knee Osteoarthritis: Data From the Osteoarthritis Initiative. Arthritis Care and Research, 2014, 66, 802-809.	1.5	34
34	Walking Speed As a Potential Indicator of Cartilage Breakdown Following Anterior Cruciate Ligament Reconstruction. Arthritis Care and Research, 2016, 68, 793-800.	1.5	34
35	The relationship between smoking and knee osteoarthritis in the Osteoarthritis Initiative. Osteoarthritis and Cartilage, 2016, 24, 465-472.	0.6	34
36	ls There an Association Between a History of Running and Symptomatic Knee Osteoarthritis? A Cross‣ectional Study From the Osteoarthritis Initiative. Arthritis Care and Research, 2017, 69, 183-191.	1.5	34

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37	Association of subchondral bone texture on magnetic resonance imaging with radiographic knee osteoarthritis progression: data from the Osteoarthritis Initiative Bone Ancillary Study. European Radiology, 2018, 28, 4687-4695.	2.3	34
38	Accelerated Knee Osteoarthritis Is Characterized by Destabilizing Meniscal Tears and Preradiographic Structural Disease Burden. Arthritis and Rheumatology, 2019, 71, 1089-1100.	2.9	34
39	Risk factors can classify individuals who develop accelerated knee osteoarthritis: Data from the osteoarthritis initiative. Journal of Orthopaedic Research, 2018, 36, 876-880.	1.2	33
40	Joint Inflammation and Early Degeneration Induced by High-Force Reaching Are Attenuated by Ibuprofen in an Animal Model of Work-Related Musculoskeletal Disorder. Journal of Biomedicine and Biotechnology, 2011, 2011, 1-17.	3.0	32
41	Thrombospondin-1 and transforming growth factor beta are pro-inflammatory molecules in rheumatoid arthritis. Translational Research, 2008, 152, 95-98.	2.2	31
42	Bone marrow lesions are associated with altered trabecular morphometry. Osteoarthritis and Cartilage, 2012, 20, 1519-1526.	0.6	31
43	Meniscal extrusion or subchondral damage characterize incident accelerated osteoarthritis: Data from the osteoarthritis initiative. Clinical Anatomy, 2015, 28, 792-799.	1.5	31
44	Development of a clinical prediction algorithm for knee osteoarthritis structural progression in a cohort study: value of adding measurement of subchondral bone density. Arthritis Research and Therapy, 2017, 19, 95.	1.6	31
45	The Evaluation of Electrodermal Properties in the Identification of Myofascial Trigger Points. Archives of Physical Medicine and Rehabilitation, 2007, 88, 780-784.	0.5	30
46	Osteoarthritis and Aging: Young Adults with Osteoarthritis. Current Epidemiology Reports, 2020, 7, 9-15.	1.1	30
47	Muscle Power Is an Independent Determinant of Pain and Quality of Life in Knee Osteoarthritis. Arthritis and Rheumatology, 2015, 67, 3166-3173.	2.9	29
48	Associations between cartilage proteoglycan density and patient outcomes 12 months following anterior cruciate ligament reconstruction. Knee, 2018, 25, 118-129.	0.8	29
49	Cross-sectional DXA and MR measures of tibial periarticular bone associate with radiographic knee osteoarthritis severity. Osteoarthritis and Cartilage, 2012, 20, 686-693.	0.6	28
50	Best performing definition of accelerated knee osteoarthritis: data from the Osteoarthritis Initiative. Therapeutic Advances in Musculoskeletal Disease, 2016, 8, 165-171.	1.2	28
51	Development of a rapid knee cartilage damage quantification method using magnetic resonance images. BMC Musculoskeletal Disorders, 2014, 15, 264.	0.8	27
52	Pain and functional trajectories in symptomatic knee osteoarthritis over up to 12 weeks of exercise exposure. Osteoarthritis and Cartilage, 2018, 26, 501-512.	0.6	26
53	Quantification of bone marrow lesion volume and volume change using semi-automated segmentation: data from the osteoarthritis initiative. BMC Musculoskeletal Disorders, 2013, 14, 3.	0.8	25
54	Exploratory analysis of osteoarthritis progression among medication users: data from the Osteoarthritis Initiative. Therapeutic Advances in Musculoskeletal Disease, 2016, 8, 207-219.	1.2	25

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55	Prevalence of Radiographic Knee Osteoarthritis After Anterior Cruciate Ligament Reconstruction, With or Without Meniscectomy: An Evidence-Based Practice Article. Journal of Athletic Training, 2017, 52, 606-609.	0.9	25
56	Knee symptoms among adults at risk for accelerated knee osteoarthritis: data from the Osteoarthritis Initiative. Clinical Rheumatology, 2017, 36, 1083-1089.	1.0	25
5 7	Knee Pain and a Prior Injury Are Associated with Increased Risk of a New Knee Injury: Data from the Osteoarthritis Initiative. Journal of Rheumatology, 2015, 42, 1463-1469.	1.0	24
58	Systolic and pulse pressure associate with incident knee osteoarthritis: data from the Osteoarthritis Initiative. Clinical Rheumatology, 2017, 36, 2121-2128.	1.0	24
59	Symptom Assessment in Knee Osteoarthritis Needs to Account for Physical Activity Level. Arthritis and Rheumatology, 2015, 67, 2897-2904.	2.9	23
60	A novel comparative effectiveness study of Tai Chi versus aerobic exercise for fibromyalgia: study protocol for a randomized controlled trial. Trials, 2015, 16, 34.	0.7	22
61	Five-Year Clinical Outcomes of a Randomized Trial of Anterior Cruciate Ligament Treatment Strategies: An Evidence-Based Practice Paper. Journal of Athletic Training, 2015, 50, 110-112.	0.9	22
62	Impact of physical activity and mechanical loading on biomarkers typically used in osteoarthritis assessment: current concepts and knowledge gaps. Therapeutic Advances in Musculoskeletal Disease, 2017, 9, 11-21.	1.2	20
63	Outcome Expectations and Osteoarthritis: Association of Perceived Benefits of Exercise With Selfâ€Efficacy and Depression. Arthritis Care and Research, 2017, 69, 491-498.	1.5	20
64	Longterm Effectiveness of Intraarticular Injections on Patient-reported Symptoms in Knee Osteoarthritis. Journal of Rheumatology, 2018, 45, 1316-1324.	1.0	20
65	Overweight older adults, particularly after an injury, are at high risk for accelerated knee osteoarthritis: data from the Osteoarthritis Initiative. Clinical Rheumatology, 2016, 35, 1071-1076.	1.0	18
66	Doseâ€Response Effects of Tai Chi and Physical Therapy Exercise Interventions in Symptomatic Knee Osteoarthritis. PM and R, 2018, 10, 712-723.	0.9	18
67	Development of a Rapid Cartilage Damage Quantification Method for the Lateral Tibiofemoral Compartment Using Magnetic Resonance Images: Data from the Osteoarthritis Initiative. BioMed Research International, 2015, 2015, 1-5.	0.9	17
68	The Role of Athletic Trainers in Preventing and Managing Posttraumatic Osteoarthritis in Physically Active Populations: a Consensus Statement of the Athletic Trainers' Osteoarthritis Consortiuma. Journal of Athletic Training, 2017, 52, 610-623.	0.9	17
69	Risk of Knee Osteoarthritis Over 24 Months in Individuals Who Decrease Walking Speed During a 12-Month Period: Data from the Osteoarthritis Initiative. Journal of Rheumatology, 2017, 44, 1265-1270.	1.0	17
70	Neuronal structural protein polymorphism and concussion in college athletes. Brain Injury, 2011, 25, 1108-1113.	0.6	16
71	The associations between radiographic hand osteoarthritis definitions and hand pain: data from the osteoarthritis initiative. Rheumatology International, 2018, 38, 403-413.	1.5	16
72	The incidence and characteristics of accelerated knee osteoarthritis among women: the Chingford cohort. BMC Musculoskeletal Disorders, 2020, 21, 60.	0.8	16

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73	Subjective Crepitus as a Risk Factor for Incident Symptomatic Knee Osteoarthritis: Data From the Osteoarthritis Initiative. Arthritis Care and Research, 2018, 70, 53-60.	1.5	15
74	Defining and evaluating a novel outcome measure representing end-stage knee osteoarthritis: data from the Osteoarthritis Initiative. Clinical Rheumatology, 2016, 35, 2523-2530.	1.0	14
75	Sex differences in the association of skin advanced glycation endproducts with knee osteoarthritis progression. Arthritis Research and Therapy, 2017, 19, 36.	1.6	14
76	Knee Alignment Is Quantitatively Related to Periarticular Bone Morphometry and Density, Especially in Patients With Osteoarthritis. Arthritis and Rheumatology, 2018, 70, 212-221.	2.9	14
77	Erosive Hand Osteoarthritis: Incidence and Predictive Characteristics Among Participants in the Osteoarthritis Initiative. Arthritis and Rheumatology, 2021, 73, 2015-2024.	2.9	14
78	Biochemical comparison of osteoarthritic knees with and without effusion. BMC Musculoskeletal Disorders, 2011, 12, 273.	0.8	13
79	Osteoarthritis year 2011 in review: clinical. Osteoarthritis and Cartilage, 2012, 20, 197-200.	0.6	13
80	Glucose homeostasis influences the risk of incident knee osteoarthritis: Data from the osteoarthritis initiative. Journal of Orthopaedic Research, 2017, 35, 2282-2287.	1.2	13
81	Factors Associated with the Use of Hyaluronic Acid and Corticosteroid Injections among Patients with Radiographically Confirmed Knee Osteoarthritis: A Retrospective Data Analysis. Clinical Therapeutics, 2017, 39, 347-358.	1.1	13
82	Lacrosse Equipment and Cervical Spinal Cord Space During Immobilization: Preliminary Analysis. Journal of Athletic Training, 2010, 45, 39-43.	0.9	12
83	Mindfulness Is Associated With Treatment Response From Nonpharmacologic Exercise Interventions in Knee Osteoarthritis. Archives of Physical Medicine and Rehabilitation, 2017, 98, 2265-2273.e1.	0.5	12
84	Characteristics of Accelerated Hand Osteoarthritis: Data from the Osteoarthritis Initiative. Journal of Rheumatology, 2019, 46, 422-428.	1.0	12
85	The Potential of Multiple Synovial-Fluid Protein-Concentration Analyses in the Assessment of Knee Osteoarthritis. Journal of Sport Rehabilitation, 2010, 19, 411-421.	0.4	11
86	SoftÂdrink intake and progression of radiographic knee osteoarthritis: data from the osteoarthritis initiative. BMJ Open, 2013, 3, e002993.	0.8	11
87	Magnetic Resonance Image Sequence Influences the Relationship between Bone Marrow Lesions Volume and Pain: Data from the Osteoarthritis Initiative. BioMed Research International, 2015, 2015, 1-5.	0.9	11
88	Biochemical Response to a Moderate Running Bout in Participants With or Without a History of Acute Knee Injury. Journal of Athletic Training, 2017, 52, 567-574.	0.9	11
89	Effects of Tai Chi versus Physical Therapy on Mindfulness in Knee Osteoarthritis. Mindfulness, 2017, 8, 1195-1205.	1.6	11
90	A single recent injury is a potent risk factor for the development of accelerated knee osteoarthritis: data from the osteoarthritis initiative. Rheumatology International, 2017, 37, 1759-1764.	1.5	11

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91	Adults with incident accelerated knee osteoarthritis are more likely to receive a knee replacement: data from the Osteoarthritis Initiative. Clinical Rheumatology, 2018, 37, 1115-1118.	1.0	11
92	Incident hand OA is strongly associated with reduced peripheral blood leukocyte telomere length. Osteoarthritis and Cartilage, 2018, 26, 1651-1657.	0.6	11
93	Medication and supplement use for managing joint symptoms among patients with knee and hip osteoarthritis: a cross-sectional study. BMC Musculoskeletal Disorders, 2012, 13, 47.	0.8	10
94	Bone marrow lesion volume reduction is not associated with improvement of other periarticular bone measures: data from the Osteoarthritis Initiative. Arthritis Research and Therapy, 2013, 15, R153.	1.6	9
95	Posttraumatic Bone Marrow Lesion Volume and Knee Pain Within 4 Weeks After Anterior Cruciate Ligament Injury. Journal of Athletic Training, 2017, 52, 575-580.	0.9	9
96	Athletic Trainers' Osteoarthritis Consortium: Raising Awareness of Osteoarthritis in the Sports Medicine Community. International Journal of Athletic Therapy and Training, 2017, 22, 1-3.	0.1	9
97	Osteoarthritis action alliance consensus opinion - best practice features of anterior cruciate ligament and lower limb injury prevention programs. World Journal of Orthopedics, 2017, 8, 726.	0.8	9
98	Prevalence of Early Knee Osteoarthritis Illness Among Various <scp>Patientâ€Reported</scp> Classification Criteria After Anterior Cruciate Ligament Reconstruction. Arthritis Care and Research, 2022, 74, 377-385.	1.5	9
99	An in-vivo model of functional head impact testing in non-helmeted athletes. Proceedings of the Institution of Mechanical Engineers, Part P: Journal of Sports Engineering and Technology, 2009, 223, 117-123.	0.4	8
100	Validation of quantitative magnetic resonance imaging-based apparent bone volume fraction in peri-articular tibial bone of cadaveric knees. BMC Musculoskeletal Disorders, 2014, 15, 143.	0.8	8
101	Physical activity levels and quality of life relate to collagen turnover and inflammation changes after running. Journal of Orthopaedic Research, 2017, 35, 612-617.	1.2	8
102	Intra-articular Corticosteroid Injections in the Hip and Knee: Perhaps Not as Dangerous as They Want You to Believe?. Radiology, 2020, 295, 249-250.	3.6	8
103	Patterns of intra-articular injection use after initiation of treatment in patients with knee osteoarthritis: data from the osteoarthritis initiative. Osteoarthritis and Cartilage, 2017, 25, 1607-1614.	0.6	7
104	Characterizing the distinct structural changes associated with selfâ€reported knee injury among individuals with incident knee osteoarthritis: Data from the osteoarthritis initiative. Clinical Anatomy, 2018, 31, 330-334.	1.5	7
105	Role of Magnetic Resonance Imaging in Classifying Individuals Who Will Develop Accelerated Radiographic Knee Osteoarthritis. Journal of Orthopaedic Research, 2019, 37, 2420-2428.	1.2	7
106	Accelerated knee osteoarthritis is associated with pre-radiographic degeneration of the extensor mechanism and cruciate ligaments: data from the Osteoarthritis Initiative. BMC Musculoskeletal Disorders, 2019, 20, 308.	0.8	7
107	On the use of coupled shape priors for segmentation of magnetic resonance images of the knee. IEEE Journal of Biomedical and Health Informatics, 2014, 19, 1-1.	3.9	6
108	Diffuse tibiofemoral cartilage change prior to the development of accelerated knee osteoarthritis: Data from the osteoarthritis initiative. Clinical Anatomy, 2019, 32, 369-378.	1.5	6

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109	Sample size calculations for detecting disease-modifying osteoarthritis drug effects on the incidence of end-stage knee osteoarthritis in clinical trials: Data from the Osteoarthritis Initiative. Seminars in Arthritis and Rheumatism, 2019, 49, 3-8.	1.6	6
110	Structure and Function of Joints. , 2009, , 51-60.		6
111	Adults With Incident Accelerated Knee Osteoarthritis Are More Likely to Use Pharmacological Treatment Options and Receive Arthroscopic Knee Surgery: Data From the Osteoarthritis Initiative. ACR Open Rheumatology, 2019, 1, 359-364.	0.9	5
112	A Decline in Walking Speed Is Associated With Incident Knee Replacement in Adults With and at Risk for Knee Osteoarthritis. Journal of Rheumatology, 2021, 48, 579-584.	1.0	5
113	Anatomical evaluation of the tibial nerve within the popliteal fossa. Clinical Anatomy, 2007, 20, 694-698.	1.5	4
114	Novel Framework for Measuring Whole Knee Osteoarthritis Progression Using Magnetic Resonance Imaging. Arthritis Care and Research, 2022, 74, 799-808.	1.5	4
115	A curve evolution method for identifying weak edges with applications to the segmentation of magnetic resonance images of the knee. , 2011, , .		3
116	Tapping into the Evidence Pipeline—The Role of Social Media in Evidence-Based Practice. International Journal of Athletic Therapy and Training, 2016, 21, 1-4.	0.1	2
117	A novel approach to studying early knee osteoarthritis illustrates that bilateral medial tibiofemoral osteoarthritis is a heritable phenotype: an offspring study. Rheumatology International, 2022, 42, 1063-1072.	1.5	2
118	Athletic Trainers Have an Important Role in Preventing and Treating Osteoarthritis. Journal of Athletic Training, 2017, 52, 489-490.	0.9	1
119	Reply. Arthritis and Rheumatology, 2020, 72, 198-200.	2.9	1
120	Reply. Arthritis and Rheumatology, 2015, 67, 2278-2280.	2.9	0
121	Reply. Arthritis and Rheumatology, 2016, 68, 1047-1048.	2.9	0
122	Reply. Arthritis and Rheumatology, 2016, 68, 1565-1566.	2.9	0
123	Reply. Arthritis Care and Research, 2018, 70, 957-957.	1.5	0
124	The Inverse OARSI-OMERACT Criteria Is a Valid Indicator of the Clinical Worsening of Knee Osteoarthritis: Data From the Osteoarthritis Initiative. Journal of Rheumatology, 2021, 48, 442-446.	1.0	0