Jeffrey Driban

List of Publications by Year in descending order

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124 papers

4,417 citations

32 h-index 60 g-index

124 all docs

124 docs citations

124 times ranked 5226 citing authors

#	Article	IF	CITATIONS
1	Novel Framework for Measuring Whole Knee Osteoarthritis Progression Using Magnetic Resonance Imaging. Arthritis Care and Research, 2022, 74, 799-808.	1.5	4
2	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
3	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
4	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
5	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	O
6	Erosive Hand Osteoarthritis: Incidence and Predictive Characteristics Among Participants in the Osteoarthritis Initiative. Arthritis and Rheumatology, 2021, 73, 2015-2024.	2.9	14
7	Reply. Arthritis and Rheumatology, 2020, 72, 198-200.	2.9	1
8	Risk factors and the natural history of accelerated knee osteoarthritis: a narrative review. BMC Musculoskeletal Disorders, 2020, 21, 332.	0.8	81
9	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
10	Osteoarthritis and Aging: Young Adults with Osteoarthritis. Current Epidemiology Reports, 2020, 7, 9-15.	1.1	30
11	The incidence and characteristics of accelerated knee osteoarthritis among women: the Chingford cohort. BMC Musculoskeletal Disorders, 2020, 21, 60.	0.8	16
12	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
13	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
14	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
15	Accelerated Knee Osteoarthritis Is Characterized by Destabilizing Meniscal Tears and Preradiographic Structural Disease Burden. Arthritis and Rheumatology, 2019, 71, 1089-1100.	2.9	34
16	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
17	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
18	Characteristics of Accelerated Hand Osteoarthritis: Data from the Osteoarthritis Initiative. Journal of Rheumatology, 2019, 46, 422-428.	1.0	12

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19	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
20	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
21	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
22	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
23	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
24	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
25	The associations between radiographic hand osteoarthritis definitions and hand pain: data from the osteoarthritis initiative. Rheumatology International, 2018, 38, 403-413.	1.5	16
26	Associations between cartilage proteoglycan density and patient outcomes 12 months following anterior cruciate ligament reconstruction. Knee, 2018, 25, 118-129.	0.8	29
27	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
28	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
29	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
30	Reply. Arthritis Care and Research, 2018, 70, 957-957.	1.5	0
31	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
32	Incident hand OA is strongly associated with reduced peripheral blood leukocyte telomere length. Osteoarthritis and Cartilage, 2018, 26, 1651-1657.	0.6	11
33	Longterm Effectiveness of Intraarticular Injections on Patient-reported Symptoms in Knee Osteoarthritis. Journal of Rheumatology, 2018, 45, 1316-1324.	1.0	20
34	Is Participation in Certain Sports Associated With Knee Osteoarthritis? A Systematic Review. Journal of Athletic Training, 2017, 52, 497-506.	0.9	121
35	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
36	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

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37	Is There an Association Between a History of Running and Symptomatic Knee Osteoarthritis? A Crossâ€Sectional Study From the Osteoarthritis Initiative. Arthritis Care and Research, 2017, 69, 183-191.	1.5	34
38	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
39	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
40	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
41	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
42	Knee symptoms among adults at risk for accelerated knee osteoarthritis: data from the Osteoarthritis Initiative. Clinical Rheumatology, 2017, 36, 1083-1089.	1.0	25
43	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
44	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
45	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
46	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
47	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
48	Systolic and pulse pressure associate with incident knee osteoarthritis: data from the Osteoarthritis Initiative. Clinical Rheumatology, 2017, 36, 2121-2128.	1.0	24
49	Effects of Tai Chi versus Physical Therapy on Mindfulness in Knee Osteoarthritis. Mindfulness, 2017, 8, 1195-1205.	1.6	11
50	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
51	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
52	Athletic Trainers Have an Important Role in Preventing and Treating Osteoarthritis. Journal of Athletic Training, 2017, 52, 489-490.	0.9	1
53	Sex differences in the association of skin advanced glycation endproducts with knee osteoarthritis progression. Arthritis Research and Therapy, 2017, 19, 36.	1.6	14
54	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

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55	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
56	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
57	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
58	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
59	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
60	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
61	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
62	Reply. Arthritis and Rheumatology, 2016, 68, 1047-1048.	2.9	0
63	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
64	Comparison of self-report and objective measures of physical activity in US adults with osteoarthritis. Rheumatology International, 2016, 36, 1355-1364.	1.5	35
65	Osteoarthritis and the Tactical Athlete: A Systematic Review. Journal of Athletic Training, 2016, 51, 952-961.	0.9	45
66	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
67	Best performing definition of accelerated knee osteoarthritis: data from the Osteoarthritis Initiative. Therapeutic Advances in Musculoskeletal Disease, 2016, 8, 165-171.	1.2	28
68	Tapping into the Evidence Pipelineâ€"The Role of Social Media in Evidence-Based Practice. International Journal of Athletic Therapy and Training, 2016, 21, 1-4.	0.1	2
69	Comparative Effectiveness of Tai Chi Versus Physical Therapy for Knee Osteoarthritis. Annals of Internal Medicine, 2016, 165, 77.	2.0	124
70	Coronal tibial slope is associated with accelerated knee osteoarthritis: data from the Osteoarthritis Initiative. BMC Musculoskeletal Disorders, 2016, 17, 299.	0.8	38
71	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
72	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

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73	Reply. Arthritis and Rheumatology, 2016, 68, 1565-1566.	2.9	O
74	Objectively Measured Physical Activity and Symptoms Change in Knee Osteoarthritis. American Journal of Medicine, 2016, 129, 497-505.e1.	0.6	35
75	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
76	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
77	The relationship between smoking and knee osteoarthritis in the Osteoarthritis Initiative. Osteoarthritis and Cartilage, 2016, 24, 465-472.	0.6	34
78	Reply. Arthritis and Rheumatology, 2015, 67, 2278-2280.	2.9	0
79	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
80	Meniscal extrusion or subchondral damage characterize incident accelerated osteoarthritis: Data from the osteoarthritis initiative. Clinical Anatomy, 2015, 28, 792-799.	1.5	31
81	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
82	Symptom Assessment in Knee Osteoarthritis Needs to Account for Physical Activity Level. Arthritis and Rheumatology, 2015, 67, 2897-2904.	2.9	23
83	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
84	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
85	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
86	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
87	OARSI Clinical Trials Recommendations: Design, conduct, and reporting of clinical trials for knee osteoarthritis. Osteoarthritis and Cartilage, 2015, 23, 747-760.	0.6	165
88	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
89	Osteoarthritis-related biomarkers following anterior cruciate ligament injury and reconstruction: a systematic review. Osteoarthritis and Cartilage, 2015, 23, 1-12.	0.6	103
90	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

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91	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
92	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
93	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
94	Vitamin D Deficiency Is Associated with Progression of Knee Osteoarthritis. Journal of Nutrition, 2014, 144, 2002-2008.	1.3	77
95	Development of a rapid knee cartilage damage quantification method using magnetic resonance images. BMC Musculoskeletal Disorders, 2014, 15, 264.	0.8	27
96	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
97	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
98	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
99	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
100	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
101	SoftÂdrink intake and progression of radiographic knee osteoarthritis: data from the osteoarthritis initiative. BMJ Open, 2013, 3, e002993.	0.8	11
102	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
103	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
104	Bone marrow lesions are associated with altered trabecular morphometry. Osteoarthritis and Cartilage, 2012, 20, 1519-1526.	0.6	31
105	Characterization of posture and comfort in laptop users in non-desk settings. Applied Ergonomics, 2012, 43, 392-399.	1.7	65
106	Postures, typing strategies, and gender differences in mobile device usage: An observational study. Applied Ergonomics, 2012, 43, 408-412.	1.7	116
107	Osteoarthritis year 2011 in review: clinical. Osteoarthritis and Cartilage, 2012, 20, 197-200.	0.6	13
108	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

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109	Neuronal structural protein polymorphism and concussion in college athletes. Brain Injury, 2011, 25, 1108-1113.	0.6	16
110	Biochemical comparison of osteoarthritic knees with and without effusion. BMC Musculoskeletal Disorders, 2011, 12, 273.	0.8	13
111	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
112	Reliability and validity of three quality rating instruments for systematic reviews of observational studies. Research Synthesis Methods, 2011, 2, 110-118.	4.2	115
113	A curve evolution method for identifying weak edges with applications to the segmentation of magnetic resonance images of the knee. , $2011, , .$		3
114	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
115	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
116	Is osteoarthritis a heterogeneous disease that can be stratified into subsets?. Clinical Rheumatology, 2010, 29, 123-131.	1.0	93
117	Lacrosse Equipment and Cervical Spinal Cord Space During Immobilization: Preliminary Analysis. Journal of Athletic Training, 2010, 45, 39-43.	0.9	12
118	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
119	Structure and Function of Joints. , 2009, , 51-60.		6
120	Thrombospondin-1 and transforming growth factor beta are pro-inflammatory molecules in rheumatoid arthritis. Translational Research, 2008, 152, 95-98.	2.2	31
121	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
122	Sex Differences in Head Acceleration During Heading While Wearing Soccer Headgear. Journal of Athletic Training, 2008, 43, 578-584.	0.9	132
123	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
124	Anatomical evaluation of the tibial nerve within the popliteal fossa. Clinical Anatomy, 2007, 20, 694-698.	1.5	4