

Ben Metcalf

List of Publications by Year in descending order

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Version: 2024-02-01

86
papers

2,755
citations

201385

27
h-index

189595

50
g-index

87
all docs

87
docs citations

87
times ranked

2774
citing authors

#	ARTICLE	IF	CITATIONS
1	Acupuncture for Chronic Knee Pain. JAMA - Journal of the American Medical Association, 2014, 312, 1313.	3.8	213
2	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
3	Effect of Physical Therapy on Pain and Function in Patients With Hip Osteoarthritis. JAMA - Journal of the American Medical Association, 2014, 311, 1987.	3.8	146
4	Clinical Pilates versus General Exercise for Chronic Low Back Pain. Medicine and Science in Sports and Exercise, 2012, 44, 1197-1205.	0.2	143
5	Neuromuscular Versus Quadriceps Strengthening Exercise in Patients With Medial Knee Osteoarthritis and Varus Malalignment: A Randomized Controlled Trial. Arthritis and Rheumatology, 2014, 66, 950-959.	2.9	138
6	Lateral wedges in knee osteoarthritis: What are their immediate clinical and biomechanical effects and can these predict a three-month clinical outcome?. Arthritis and Rheumatism, 2008, 59, 408-415.	6.7	136
7	Physical Therapist-Delivered Pain Coping Skills Training and Exercise for Knee Osteoarthritis: Randomized Controlled Trial. Arthritis Care and Research, 2016, 68, 590-602.	1.5	125
8	Relationship of knee joint proprioception to pain and disability in individuals with knee osteoarthritis. Journal of Orthopaedic Research, 2003, 21, 792-797.	1.2	116
9	Telephone Coaching to Enhance a Home-Based Physical Activity Program for Knee Osteoarthritis: A Randomized Clinical Trial. Arthritis Care and Research, 2017, 69, 84-94.	1.5	98
10	Clinical features of patellar tendinopathy and their implications for rehabilitation. Journal of Orthopaedic Research, 2007, 25, 1164-1175.	1.2	97
11	Delayed onset of quadriceps activity and altered knee joint kinematics during stair stepping in individuals with knee osteoarthritis. Archives of Physical Medicine and Rehabilitation, 2002, 83, 1080-1086.	0.5	95
12	Reducing joint loading in medial knee osteoarthritis: Shoes and canes. Arthritis and Rheumatism, 2008, 59, 609-614.	6.7	86
13	Physiotherapists and patients report positive experiences overall with telehealth during the COVID-19 pandemic: a mixed-methods study. Journal of Physiotherapy, 2021, 67, 201-209.	0.7	86
14	A physiotherapist-delivered, combined exercise and pain coping skills training intervention for individuals with knee osteoarthritis: A pilot study. Knee, 2013, 20, 106-112.	0.8	60
15	Comparison of neuromuscular and quadriceps strengthening exercise in the treatment of varus malaligned knees with medial knee osteoarthritis: a randomised controlled trial protocol. BMC Musculoskeletal Disorders, 2011, 12, 276.	0.8	47
16	Comparing Video-Based, Telehealth-Delivered Exercise and Weight Loss Programs With Online Education on Outcomes of Knee Osteoarthritis. Annals of Internal Medicine, 2022, 175, 198-209.	2.0	46
17	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
18	Quadriceps strength is not related to gait impact loading in knee osteoarthritis. Knee, 2010, 17, 296-302.	0.8	41

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19	Association of Knee Confidence With Pain, Knee Instability, Muscle Strength, and Dynamic Varus Valgus Joint Motion in Knee Osteoarthritis. <i>Arthritis Care and Research</i> , 2014, 66, 695-701.	1.5	41
20	A Longitudinal Study of Strength and Gait after Arthroscopic Partial Meniscectomy. <i>Medicine and Science in Sports and Exercise</i> , 2013, 45, 2036-2043.	0.2	36
21	Influence of Biomechanical Characteristics on Pain and Function Outcomes From Exercise in Medial Knee Osteoarthritis and Varus Malalignment: Exploratory Analyses From a Randomized Controlled Trial. <i>Arthritis Care and Research</i> , 2015, 67, 1281-1288.	1.5	35
22	The influence of weather on the risk of pain exacerbation in patients with knee osteoarthritis – a case-crossover study. <i>Osteoarthritis and Cartilage</i> , 2016, 24, 2042-2047.	0.6	35
23	Do Moments and Strength Predict Cartilage Changes after Partial Meniscectomy?. <i>Medicine and Science in Sports and Exercise</i> , 2015, 47, 1549-1556.	0.2	34
24	The association of quadriceps strength with the knee adduction moment in medial knee osteoarthritis. <i>Arthritis and Rheumatism</i> , 2009, 61, 451-458.	6.7	33
25	Unloading Shoes for Self-management of Knee Osteoarthritis. <i>Annals of Internal Medicine</i> , 2016, 165, 381.	2.0	32
26	Is the Human Activity Profile a useful measure in people with knee osteoarthritis?. <i>Journal of Rehabilitation Research and Development</i> , 2004, 41, 621.	1.6	32
27	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.	0.8	31
28	A physiotherapist-delivered integrated exercise and pain coping skills training intervention for individuals with knee osteoarthritis: a randomised controlled trial protocol. <i>BMC Musculoskeletal Disorders</i> , 2012, 13, 129.	0.8	28
29	Temporal Activity of Vastus Medialis Obliquus and Vastus Lateralis in Symptomatic Knee Osteoarthritis. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2002, 81, 684-690.	0.7	26
30	The association between psychological characteristics and physical activity levels in people with knee osteoarthritis: a cross-sectional analysis. <i>BMC Musculoskeletal Disorders</i> , 2020, 21, 269.	0.8	26
31	Efficacy of acupuncture for chronic knee pain: protocol for a randomised controlled trial using a Zelen design. <i>BMC Complementary and Alternative Medicine</i> , 2012, 12, 161.	3.7	25
32	What type of exercise is most effective for people with knee osteoarthritis and co-morbid obesity?: The TARGET randomized controlled trial. <i>Osteoarthritis and Cartilage</i> , 2020, 28, 755-765.	0.6	25
33	Web-Based Study of Risk Factors for Pain Exacerbation in Osteoarthritis of the Knee (SPARK-Web): Design and Rationale. <i>JMIR Research Protocols</i> , 2015, 4, e80.	0.5	25
34	Association of Sensorimotor Function with Knee Joint Kinematics During Locomotion in Knee Osteoarthritis. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2004, 83, 455-463.	0.7	24
35	Efficacy of a multimodal physiotherapy treatment program for hip osteoarthritis: a randomised placebo-controlled trial protocol. <i>BMC Musculoskeletal Disorders</i> , 2010, 11, 238.	0.8	22
36	Varus valgus laxity and passive stiffness in medial knee osteoarthritis. <i>Arthritis Care and Research</i> , 2010, 62, 1237-1243.	1.5	22

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37	The relationship between patellofemoral and tibiofemoral morphology and gait biomechanics following arthroscopic partial medial meniscectomy. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2013, 21, 1097-1103.	2.3	22
38	Sleep Quality and Fatigue Are Associated with Pain Exacerbations of Hip Osteoarthritis: An Internet-based Case-crossover Study. <i>Journal of Rheumatology</i> , 2019, 46, 1524-1530.	1.0	22
39	Relationship of Buckling and Knee Injury to Pain Exacerbation in Knee Osteoarthritis: A Web-Based Case-Crossover Study. <i>Interactive Journal of Medical Research</i> , 2016, 5, e17.	0.6	21
40	Unloading shoes for osteoarthritis of the knee: protocol for the SHARK randomised controlled trial. <i>BMC Musculoskeletal Disorders</i> , 2014, 15, 48.	0.8	20
41	Is the relationship between increased knee muscle strength and improved physical function following exercise dependent on baseline physical function status?. <i>Arthritis Research and Therapy</i> , 2017, 19, 271.	1.6	18
42	Cross-sectional association between muscle strength and self-reported physical function in 195 hip osteoarthritis patients. <i>Seminars in Arthritis and Rheumatism</i> , 2017, 46, 387-394.	1.6	17
43	Comparison of weight bearing functional exercise and non-weight bearing quadriceps strengthening exercise on pain and function for people with knee osteoarthritis and obesity: protocol for the TARGET randomised controlled trial. <i>BMC Musculoskeletal Disorders</i> , 2019, 20, 291.	0.8	17
44	Hip biomechanics during stair ascent and descent in people with and without hip osteoarthritis. <i>Journal of Orthopaedic Research</i> , 2017, 35, 1505-1514.	1.2	15
45	Gluteal tendinopathy and hip osteoarthritis: Different pathologies, different hip biomechanics. <i>Gait and Posture</i> , 2018, 61, 459-465.	0.6	12
46	Sex-specific walking kinematics and kinetics in individuals with unilateral, symptomatic hip osteoarthritis: A cross sectional study. <i>Gait and Posture</i> , 2018, 65, 234-239.	0.6	12
47	Mechanisms underpinning longitudinal increases in the knee adduction moment following arthroscopic partial meniscectomy. <i>Clinical Biomechanics</i> , 2014, 29, 892-897.	0.5	11
48	A longitudinal study of impact and early stance loads during gait following arthroscopic partial meniscectomy. <i>Journal of Biomechanics</i> , 2014, 47, 2852-2857.	0.9	11
49	Role of Hip Injury and Giving Way in Pain Exacerbation in Hip Osteoarthritis: An Internet-Based Case-Crossover Study. <i>Arthritis Care and Research</i> , 2019, 71, 742-747.	1.5	10
50	Mechanisms underpinning the peak knee flexion moment increase over 2-years following arthroscopic partial meniscectomy. <i>Clinical Biomechanics</i> , 2015, 30, 1060-1065.	0.5	9
51	Plug-in Gait calculation of the knee adduction moment in people with knee osteoarthritis during shod walking: comparison of two different foot marker models. <i>Journal of Foot and Ankle Research</i> , 2017, 10, 8.	0.7	9
52	Knowledge about osteoarthritis: Development of the Hip and Knee Osteoarthritis Knowledge Scales and protocol for testing their measurement properties. <i>Osteoarthritis and Cartilage Open</i> , 2021, 3, 100160.	0.9	9
53	Effect of foot orthoses vs sham insoles on first metatarsophalangeal joint osteoarthritis symptoms: a randomized controlled trial. <i>Osteoarthritis and Cartilage</i> , 2022, 30, 956-964.	0.6	9
54	Frontal plane hip joint loading according to pain severity in people with hip osteoarthritis. <i>Journal of Orthopaedic Research</i> , 2018, 36, 1637-1644.	1.2	8

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55	The association between psychological factors and pain exacerbations in hip osteoarthritis. <i>Rheumatology</i> , 2021, 60, 1291-1299.	0.9	8
56	Association of weather factors with the risk of pain exacerbations in people with hip osteoarthritis. <i>Scandinavian Journal of Rheumatology</i> , 2021, 50, 68-73.	0.6	7
57	Knee joint laxity and passive stiffness in meniscectomized patients compared with healthy controls. <i>Knee</i> , 2014, 21, 886-890.	0.8	6
58	Effect of knee unloading shoes on regional plantar forces in people with symptomatic knee osteoarthritis – an exploratory study. <i>Journal of Foot and Ankle Research</i> , 2018, 11, 34.	0.7	6
59	Hip joint kinematics and segment coordination variability according to pain and structural disease severity in hip osteoarthritis. <i>Journal of Orthopaedic Research</i> , 2020, 38, 1836-1844.	1.2	6
60	Podiatry Intervention Versus Usual General Practitioner Care for Symptomatic Radiographic Osteoarthritis of the First Metatarsophalangeal Joint: A Randomized Clinical Feasibility Study. <i>Arthritis Care and Research</i> , 2021, 73, 250-258.	1.5	6
61	MEASUREMENT OF KNEE VARUS-VALGUS LAXITY USING A MODIFIED ISOKINETIC DYNAMOMETER. <i>Journal of Biomechanics</i> , 2007, 40, S593.	0.9	5
62	Knee Muscle Strength After Recent Partial Meniscectomy Does Not Relate to 2-year Change in Knee Adduction Moment. <i>Clinical Orthopaedics and Related Research</i> , 2014, 472, 3114-3120.	0.7	5
63	Knee Biomechanics During Jogging After Arthroscopic Partial Meniscectomy: A Longitudinal Study. <i>American Journal of Sports Medicine</i> , 2017, 45, 1872-1880.	1.9	5
64	Footwear for self-managing knee osteoarthritis symptoms: protocol for the Footstep randomised controlled trial. <i>BMC Musculoskeletal Disorders</i> , 2018, 19, 219.	0.8	5
65	Foot orthoses for first metatarsophalangeal joint osteoarthritis: study protocol for the FORT randomised controlled trial. <i>BMC Musculoskeletal Disorders</i> , 2020, 21, 830.	0.8	5
66	Expert-Moderated Peer-to-Peer Online Support Group for People With Knee Osteoarthritis: Mixed Methods Randomized Controlled Pilot and Feasibility Study. <i>JMIR Formative Research</i> , 2022, 6, e32627.	0.7	5
67	Walking-related knee contact forces and associations with knee pain across people with mild, moderate and severe radiographic knee osteoarthritis: a cross-sectional study. <i>Osteoarthritis and Cartilage</i> , 2022, 30, 832-842.	0.6	5
68	Telephone coaching to enhance a physiotherapist-prescribed home-based physical activity program for knee osteoarthritis: A randomised clinical trial. <i>Osteoarthritis and Cartilage</i> , 2016, 24, S44-S45.	0.6	4
69	Can pain flares in knee osteoarthritis be predicted?. <i>Scandinavian Journal of Rheumatology</i> , 2021, 50, 198-205.	0.6	4
70	Reliability, Validity, Responsiveness, and Minimum Important Change of the Stair Climb Test in Adults With Hip and Knee Osteoarthritis. <i>Arthritis Care and Research</i> , 2023, 75, 1147-1157.	1.5	4
71	Psychosocial factors and pain exacerbation in knee osteoarthritis: a web based case-crossover study. <i>Osteoarthritis and Cartilage</i> , 2014, 22, S21-S22.	0.6	3
72	Comparison of neuromuscular and quadriceps strengthening exercise in people with medial knee osteoarthritis and varus malalignment: randomised controlled trial. <i>Osteoarthritis and Cartilage</i> , 2013, 21, S273-S274.	0.6	2

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73	Is there a relationship between the Intermittent and Constant Osteoarthritis Pain score (ICOAP) and pain flares in knee osteoarthritis?. <i>Osteoarthritis and Cartilage</i> , 2016, 24, S429-S430.	0.6	2
74	Is Heel Height Associated with Pain Exacerbations in Hip Osteoarthritis Patients?â€”Results from a Case-Crossover Study. <i>Journal of Clinical Medicine</i> , 2020, 9, 1872.	1.0	2
75	The EPIPHA-KNEE trial: Explaining Pain to target unhelpful pain beliefs to Increase PHysical Activity in KNEE osteoarthritis â€” a protocol for a multicentre, randomised controlled trial with clinical- and cost-effectiveness analysis. <i>BMC Musculoskeletal Disorders</i> , 2021, 22, 738.	0.8	2
76	Footwear for osteoarthritis of the lateral knee: protocol for the FOLK randomised controlled trial. <i>BMC Musculoskeletal Disorders</i> , 2020, 21, 247.	0.8	1
77	Higher knee load, not knee extensor strength predicts medial cartilage degradation over 2 years following partial meniscectomy. <i>Journal of Science and Medicine in Sport</i> , 2013, 16, e88-e89.	0.6	0
78	Type of exercise and presence of varus thrust influences pain outcomes in people with medial knee osteoarthritis. <i>Journal of Science and Medicine in Sport</i> , 2013, 16, e89-e90.	0.6	0
79	Physiotherapist-delivered exercise and pain coping skills training is more effective than either intervention alone in knee osteoarthritis. <i>Journal of Science and Medicine in Sport</i> , 2013, 16, e91.	0.6	0
80	Physical therapy for hip osteoarthritis: randomised, placebo-controlled trial. <i>Osteoarthritis and Cartilage</i> , 2014, 22, S49-S50.	0.6	0
81	Physiotherapist-delivered exercise and pain coping skills training is more effective than either intervention alone in knee osteoarthritis. <i>Osteoarthritis and Cartilage</i> , 2014, 22, S192-S193.	0.6	0
82	Higher pain, poorer function and worse symptoms are associated with 2-year cartilage changes in people following medial arthroscopic partial meniscectomy. <i>Osteoarthritis and Cartilage</i> , 2015, 23, A272.	0.6	0
83	Response to Letter to Editor: â€œComment on the TARGET trial by Bennell et al: was the interpretation of similar improvement based on equivalence analysis?â€” <i>Osteoarthritis and Cartilage</i> , 2020, 28, 1146.	0.6	0
84	EFFICACY OF PHYSICAL THERAPY FOR KNEE JOINT OSTEOARTHRITIS. <i>Medicine and Science in Sports and Exercise</i> , 2003, 35, S241.	0.2	0
85	Telephone Coaching to Enhance Physiotherapy-Prescribed Physical Activity for Knee Osteoarthritis. <i>Medicine and Science in Sports and Exercise</i> , 2016, 48, 598.	0.2	0
86	A comparison of psychological characteristics in people with knee osteoarthritis from Japan and Australia: A cross-sectional study. <i>PLoS ONE</i> , 2022, 17, e0267877.	1.1	0