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List of Publications by Year in descending order

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Version: 2024-02-01

74
papers

1,552
citations

331670
21
h-index

345221
36
g-index

77
all docs

77
docs citations

77
times ranked

1929
citing authors

#	ARTICLE	IF	CITATIONS
1	Measurement properties of performance-based measures to assess physical function in hip and knee osteoarthritis: a systematic review. <i>Osteoarthritis and Cartilage</i> , 2012, 20, 1548-1562.	1.3	209
2	Gait analysis post anterior cruciate ligament reconstruction: Knee osteoarthritis perspective. <i>Gait and Posture</i> , 2012, 36, 56-60.	1.4	95
3	Reliability and measurement error of the Osteoarthritis Research Society International (OARSI) recommended performance-based tests of physical function in people with hip and knee osteoarthritis. <i>Osteoarthritis and Cartilage</i> , 2017, 25, 1792-1796.	1.3	95
4	The knee adduction moment and knee osteoarthritis symptoms: relationships according to radiographic disease severity. <i>Osteoarthritis and Cartilage</i> , 2017, 25, 34-41.	1.3	77
5	Diet-induced weight loss alone or combined with exercise in overweight or obese people with knee osteoarthritis: A systematic review and meta-analysis. <i>Seminars in Arthritis and Rheumatism</i> , 2019, 48, 765-777.	3.4	71
6	Osteoarthritis year in review 2015: rehabilitation and outcomes. <i>Osteoarthritis and Cartilage</i> , 2016, 24, 58-70.	1.3	54
7	Knee extensor strength gains mediate symptom improvement in knee osteoarthritis: secondary analysis of a randomised controlled trial. <i>Osteoarthritis and Cartilage</i> , 2018, 26, 495-500.	1.3	54
8	How does hip osteoarthritis differ from knee osteoarthritis?. <i>Osteoarthritis and Cartilage</i> , 2022, 30, 32-41.	1.3	54
9	The influence of cadence and shoes on patellofemoral joint kinetics in runners with patellofemoral pain. <i>Journal of Science and Medicine in Sport</i> , 2018, 21, 574-578.	1.3	41
10	A Longitudinal Study of Strength and Gait after Arthroscopic Partial Meniscectomy. <i>Medicine and Science in Sports and Exercise</i> , 2013, 45, 2036-2043.	0.4	36
11	Muscle activity amplitudes and co-contraction during stair ambulation following anterior cruciate ligament reconstruction. <i>Journal of Electromyography and Kinesiology</i> , 2015, 25, 298-304.	1.7	35
12	Do Moments and Strength Predict Cartilage Changes after Partial Meniscectomy?. <i>Medicine and Science in Sports and Exercise</i> , 2015, 47, 1549-1556.	0.4	34
13	The role of skeletal muscle in the pathophysiology and management of knee osteoarthritis. <i>Rheumatology</i> , 2018, 57, iv22-iv33.	1.9	33
14	Gait retraining versus foot orthoses for patellofemoral pain: a pilot randomised clinical trial. <i>Journal of Science and Medicine in Sport</i> , 2018, 21, 457-461.	1.3	31
15	Multi-centre randomised controlled trial comparing arthroscopic hip surgery to physiotherapist-led care for femoroacetabular impingement (FAI) syndrome on hip cartilage metabolism: the Australian FASHIoN trial. <i>BMC Musculoskeletal Disorders</i> , 2021, 22, 697.	1.9	30
16	Effects of long-term exercise therapy on knee joint structure in people with knee osteoarthritis: A systematic review and meta-analysis. <i>Seminars in Arthritis and Rheumatism</i> , 2019, 48, 941-949.	3.4	29
17	Knee Extensor Muscle Strength in Middle-aged and Older Individuals Undergoing Arthroscopic Partial Meniscectomy: A Systematic Review and Meta-analysis. <i>Arthritis Care and Research</i> , 2015, 67, 1289-1296.	3.4	28
18	Trunk, pelvis and hip biomechanics in individuals with femoroacetabular impingement syndrome: Strategies for step ascent. <i>Gait and Posture</i> , 2018, 61, 176-182.	1.4	24

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19	Protocol for a multi-centre randomised controlled trial comparing arthroscopic hip surgery to physiotherapy-led care for femoroacetabular impingement (FAI): the Australian FASHIoN trial. BMC Musculoskeletal Disorders, 2017, 18, 406.	1.9	23
20	Hip joint moments during walking in people with hip osteoarthritis: a systematic review and meta-analysis. Osteoarthritis and Cartilage, 2018, 26, 1415-1424.	1.3	23
21	Trunk, pelvis and lower limb walking biomechanics are similarly altered in those with femoroacetabular impingement syndrome regardless of cam morphology size. Gait and Posture, 2021, 83, 26-34.	1.4	23
22	Immediate effects of valgus knee bracing on tibiofemoral contact forces and knee muscle forces. Gait and Posture, 2019, 68, 55-62.	1.4	22
23	Effect of exercise on pain processing and motor output in people with knee osteoarthritis: a systematic review and meta-analysis. Osteoarthritis and Cartilage, 2020, 28, 1501-1513.	1.3	19
24	The Impact of Financial Incentives on Physical Activity: A Systematic Review and Meta-Analysis. American Journal of Health Promotion, 2021, 35, 236-249.	1.7	19
25	Clinimetric properties of observer-assessed impairment tests used to evaluate hip and groin impairments: A systematic review. Arthritis Care and Research, 2012, 64, 1565-1575.	3.4	18
26	Does meniscal pathology alter gait knee biomechanics and strength post-ACL reconstruction?. Knee Surgery, Sports Traumatology, Arthroscopy, 2016, 24, 1501-1509.	4.2	18
27	Is the relationship between increased knee muscle strength and improved physical function following exercise dependent on baseline physical function status?. Arthritis Research and Therapy, 2017, 19, 271.	3.5	18
28	Forward lunge knee biomechanics before and after partial meniscectomy. Knee, 2015, 22, 506-509.	1.6	17
29	Cross-sectional association between muscle strength and self-reported physical function in 195 hip osteoarthritis patients. Seminars in Arthritis and Rheumatism, 2017, 46, 387-394.	3.4	17
30	Poor knee function after ACL reconstruction is associated with attenuated landing force and knee flexion moment during running. Knee Surgery, Sports Traumatology, Arthroscopy, 2018, 26, 391-398.	4.2	17
31	Medial knee joint loading during stair ambulation and walking while carrying loads. Gait and Posture, 2013, 37, 460-462.	1.4	16
32	Comparative effectiveness of exercise programs for psychological well-being in knee osteoarthritis: A systematic review and network meta-analysis. Seminars in Arthritis and Rheumatism, 2021, 51, 1023-1032.	3.4	16
33	Hip biomechanics during stair ascent and descent in people with and without hip osteoarthritis. Journal of Orthopaedic Research, 2017, 35, 1505-1514.	2.3	15
34	Neuromuscular Exercise post Partial Medial Meniscectomy. Medicine and Science in Sports and Exercise, 2015, 47, 1557-1566.	0.4	14
35	Medial Longitudinal Arch Deformation during Walking and Stair Navigation While Carrying Loads. Foot and Ankle International, 2011, 32, 623-629.	2.3	12
36	Gluteal tendinopathy and hip osteoarthritis: Different pathologies, different hip biomechanics. Gait and Posture, 2018, 61, 459-465.	1.4	12

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37	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.	1.4	12
38	The effects of neuromuscular exercise on medial knee joint load post-arthroscopic partial medial meniscectomy: â€˜SCOPEXâ€™ a randomised control trial protocol. <i>BMC Musculoskeletal Disorders</i> , 2012, 13, 233.	1.9	11
39	Mechanisms underpinning longitudinal increases in the knee adduction moment following arthroscopic partial meniscectomy. <i>Clinical Biomechanics</i> , 2014, 29, 892-897.	1.2	11
40	A longitudinal study of impact and early stance loads during gait following arthroscopic partial meniscectomy. <i>Journal of Biomechanics</i> , 2014, 47, 2852-2857.	2.1	11
41	The effects of behavioural counselling on the determinants of health behaviour change in adults with chronic musculoskeletal conditions making lifestyle changes: A systematic review and meta-analysis. <i>Musculoskeletal Care</i> , 2019, 17, 170-197.	1.4	11
42	Mechanisms underpinning the peak knee flexion moment increase over 2-years following arthroscopic partial meniscectomy. <i>Clinical Biomechanics</i> , 2015, 30, 1060-1065.	1.2	9
43	Effect of exercise on knee joint contact forces in people following medial partial meniscectomy: A secondary analysis of a randomised controlled trial. <i>Gait and Posture</i> , 2020, 79, 203-209.	1.4	9
44	Immediate effect of valgus bracing on knee joint moments in meniscectomised patients: An exploratory study. <i>Journal of Science and Medicine in Sport</i> , 2016, 19, 964-969.	1.3	8
45	Frontal plane hip joint loading according to pain severity in people with hip osteoarthritis. <i>Journal of Orthopaedic Research</i> , 2018, 36, 1637-1644.	2.3	8
46	Hip joint moments in symptomatic vs. asymptomatic people with mild radiographic hip osteoarthritis. <i>Journal of Biomechanics</i> , 2019, 96, 109347.	2.1	7
47	Footwear and Cadence Affect Gait Variability in Runners with Patellofemoral Pain. <i>Medicine and Science in Sports and Exercise</i> , 2020, 52, 1354-1360.	0.4	7
48	Effect of gait retraining on segment coordination and joint variability in individuals with patellofemoral pain. <i>Clinical Biomechanics</i> , 2020, 80, 105179.	1.2	7
49	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.	2.3	6
50	Feasibility of personalised hip load modification using real-time biofeedback in hip osteoarthritis: A pilot study. <i>Osteoarthritis and Cartilage Open</i> , 2022, 4, 100230.	2.0	6
51	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.	1.5	5
52	Prognosis of anterior cruciate ligament reconstruction: a data-driven approach. <i>Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences</i> , 2015, 471, 20140526.	2.1	5
53	Knee Biomechanics During Jogging After Arthroscopic Partial Meniscectomy: A Longitudinal Study. <i>American Journal of Sports Medicine</i> , 2017, 45, 1872-1880.	4.2	5
54	No abatement of steroid injections for tennis elbow in Australian General Practice: A 15-year observational study with random general practitioner sampling. <i>PLoS ONE</i> , 2017, 12, e0181631.	2.5	5

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55	Quadriceps muscle strength at 2Âyears following anterior cruciate ligament reconstruction is associated with tibiofemoral joint cartilage volume. Knee Surgery, Sports Traumatology, Arthroscopy, 2022, 30, 1949-1957.	4.2	5
56	Walking-related knee contact forces and associations with knee pain across people with mild, moderate and severe radiographic knee osteoarthritis: a cross-sectional study. Osteoarthritis and Cartilage, 2022, 30, 832-842.	1.3	5
57	Data-driven prognosis: a multi-physics approach verified via balloon burst experiment. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2015, 471, 20140525.	2.1	4
58	Factors Influencing Cane Use for the Management of Knee Osteoarthritis: A Crossâ€Sectional Survey. Arthritis Care and Research, 2018, 70, 1455-1460.	3.4	4
59	The impact of financial incentives on physical activity in adults: a systematic review protocol. Systematic Reviews, 2018, 7, 21.	5.3	4
60	Body weight support through a walking cane in inexperienced users with knee osteoarthritis. Gait and Posture, 2019, 67, 50-56.	1.4	4
61	Does frontal knee kinematics predict treatment outcomes? Exploratory analyses from the Intensive Diet and Exercise for Arthritis (IDEA) trial. Gait and Posture, 2018, 63, 139-144.	1.4	3
62	Running-related muscle activation patterns and tibial acceleration across puberty. Journal of Electromyography and Kinesiology, 2020, 50, 102381.	1.7	3
63	Alterations in medial-lateral postural control after anterior cruciate ligament reconstruction during stair use. Gait and Posture, 2020, 77, 283-287.	1.4	3
64	Effect of a valgus brace on medial tibiofemoral joint contact force in knee osteoarthritis with varus malalignment: A within-participant cross-over randomised study with an uncontrolled observational longitudinal follow-up. PLoS ONE, 2022, 17, e0257171.	2.5	3
65	Tibiofemoral contact force differences between flat flexible and stable supportive walking shoes in people with varus-malaligned medial knee osteoarthritis: A randomized cross-over study. PLoS ONE, 2022, 17, e0269331.	2.5	3
66	A most painful knee does not induce interlimb differences in knee and hip moments during gait in patients with knee osteoarthritis. Clinical Biomechanics, 2021, 89, 105455.	1.2	2
67	Effects of adding a diet intervention to exercise on hip osteoarthritis pain: protocol for the ECHO randomized controlled trial. BMC Musculoskeletal Disorders, 2022, 23, 215.	1.9	2
68	Muscle Forces during Weightbearing Exercises in Medial Knee Osteoarthritis and Varus Malalignment: A Cross-sectional Study. Medicine and Science in Sports and Exercise, 2022, Publish Ahead of Print, .	0.4	2
69	Contemporary Non-Surgical Considerations in the Management of People with Extra- and Intra-Articular Hip Pathologies. , 2019, , .		1
70	How do middle-aged and older adults with chronic hip pain view their health problem and its care? A protocol for a systematic review and qualitative evidence synthesis. BMJ Open, 2021, 11, e053084.	1.9	1
71	Editorial: Neuromechanics of Hip Osteoarthritis. Frontiers in Sports and Active Living, 2021, 3, 788263.	1.8	1
72	Effects of adding aerobic physical activity to strengthening exercise on hip osteoarthritis symptoms: protocol for the PHOENIX randomised controlled trial. BMC Musculoskeletal Disorders, 2022, 23, 361.	1.9	1

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73	Does baseline and change in lower extremity lean and fat composition over 5 years predict the incidence of radiographic knee osteoarthritis in women?. Osteoarthritis and Cartilage, 2019, 27, S466-S467.	1.3	0
74	What is real change in submaximal cardiorespiratory fitness in older adults? Retrospective analysis of a clinical trial. Sports Medicine - Open, 2022, 8, 59.	3.1	0