

# Michelle Mh Hall

## List of Publications by Year in descending order

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Version: 2024-02-01

74  
papers

1,552  
citations

331259

21  
h-index

344852

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.	0.6	209
2	Gait analysis post anterior cruciate ligament reconstruction: Knee osteoarthritis perspective. <i>Gait and Posture</i> , 2012, 36, 56-60.	0.6	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.	0.6	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.	0.6	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.	1.6	71
6	Osteoarthritis year in review 2015: rehabilitation and outcomes. <i>Osteoarthritis and Cartilage</i> , 2016, 24, 58-70.	0.6	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.	0.6	54
8	How does hip osteoarthritis differ from knee osteoarthritis?. <i>Osteoarthritis and Cartilage</i> , 2022, 30, 32-41.	0.6	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.	0.6	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.	0.2	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.	0.7	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.	0.2	34
13	The role of skeletal muscle in the pathophysiology and management of knee osteoarthritis. <i>Rheumatology</i> , 2018, 57, iv22-iv33.	0.9	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.	0.6	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.	0.8	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.	1.6	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.	1.5	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.	0.6	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. <i>BMC Musculoskeletal Disorders</i> , 2017, 18, 406.	0.8	23
20	Hip joint moments during walking in people with hip osteoarthritis: a systematic review and meta-analysis. <i>Osteoarthritis and Cartilage</i> , 2018, 26, 1415-1424.	0.6	23
21	Trunk, pelvis and lower limb walking biomechanics are similarly altered in those with femoroacetabular impingement syndrome regardless of cam morphology size. <i>Gait and Posture</i> , 2021, 83, 26-34.	0.6	23
22	Immediate effects of valgus knee bracing on tibiofemoral contact forces and knee muscle forces. <i>Gait and Posture</i> , 2019, 68, 55-62.	0.6	22
23	Effect of exercise on pain processing and motor output in people with knee osteoarthritis: a systematic review and meta-analysis. <i>Osteoarthritis and Cartilage</i> , 2020, 28, 1501-1513.	0.6	19
24	The Impact of Financial Incentives on Physical Activity: A Systematic Review and Meta-Analysis. <i>American Journal of Health Promotion</i> , 2021, 35, 236-249.	0.9	19
25	Clinimetric properties of observer-assessed impairment tests used to evaluate hip and groin impairments: A systematic review. <i>Arthritis Care and Research</i> , 2012, 64, 1565-1575.	1.5	18
26	Does meniscal pathology alter gait knee biomechanics and strength post-ACL reconstruction?. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2016, 24, 1501-1509.	2.3	18
27	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
28	Forward lunge knee biomechanics before and after partial meniscectomy. <i>Knee</i> , 2015, 22, 506-509.	0.8	17
29	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
30	Poor knee function after ACL reconstruction is associated with attenuated landing force and knee flexion moment during running. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2018, 26, 391-398.	2.3	17
31	Medial knee joint loading during stair ambulation and walking while carrying loads. <i>Gait and Posture</i> , 2013, 37, 460-462.	0.6	16
32	Comparative effectiveness of exercise programs for psychological well-being in knee osteoarthritis: A systematic review and network meta-analysis. <i>Seminars in Arthritis and Rheumatism</i> , 2021, 51, 1023-1032.	1.6	16
33	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
34	Neuromuscular Exercise post Partial Medial Meniscectomy. <i>Medicine and Science in Sports and Exercise</i> , 2015, 47, 1557-1566.	0.2	14
35	Medial Longitudinal Arch Deformation during Walking and Stair Navigation While Carrying Loads. <i>Foot and Ankle International</i> , 2011, 32, 623-629.	1.1	12
36	Gluteal tendinopathy and hip osteoarthritis: Different pathologies, different hip biomechanics. <i>Gait and Posture</i> , 2018, 61, 459-465.	0.6	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.	0.6	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.	0.8	11
39	Mechanisms underpinning longitudinal increases in the knee adduction moment following arthroscopic partial meniscectomy. <i>Clinical Biomechanics</i> , 2014, 29, 892-897.	0.5	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.	0.9	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.	0.6	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.	0.5	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.	0.6	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.	0.6	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.	1.2	8
46	Hip joint moments in symptomatic vs. asymptomatic people with mild radiographic hip osteoarthritis. <i>Journal of Biomechanics</i> , 2019, 96, 109347.	0.9	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.	0.2	7
48	Effect of gait retraining on segment coordination and joint variability in individuals with patellofemoral pain. <i>Clinical Biomechanics</i> , 2020, 80, 105179.	0.5	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.	1.2	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.	0.9	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.	0.7	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.	1.0	5
53	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
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.	1.1	5

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55	Quadriceps muscle strength at 2 years following anterior cruciate ligament reconstruction is associated with tibiofemoral joint cartilage volume. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2022, 30, 1949-1957.	2.3	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. <i>Osteoarthritis and Cartilage</i> , 2022, 30, 832-842.	0.6	5
57	Data-driven prognosis: a multi-physics approach verified via balloon burst experiment. <i>Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences</i> , 2015, 471, 20140525.	1.0	4
58	Factors Influencing Cane Use for the Management of Knee Osteoarthritis: A Cross-sectional Survey. <i>Arthritis Care and Research</i> , 2018, 70, 1455-1460.	1.5	4
59	The impact of financial incentives on physical activity in adults: a systematic review protocol. <i>Systematic Reviews</i> , 2018, 7, 21.	2.5	4
60	Body weight support through a walking cane in inexperienced users with knee osteoarthritis. <i>Gait and Posture</i> , 2019, 67, 50-56.	0.6	4
61	Does frontal knee kinematics predict treatment outcomes? Exploratory analyses from the Intensive Diet and Exercise for Arthritis (IDEA) trial. <i>Gait and Posture</i> , 2018, 63, 139-144.	0.6	3
62	Running-related muscle activation patterns and tibial acceleration across puberty. <i>Journal of Electromyography and Kinesiology</i> , 2020, 50, 102381.	0.7	3
63	Alterations in medial-lateral postural control after anterior cruciate ligament reconstruction during stair use. <i>Gait and Posture</i> , 2020, 77, 283-287.	0.6	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. <i>PLoS ONE</i> , 2022, 17, e0257171.	1.1	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. <i>PLoS ONE</i> , 2022, 17, e0269331.	1.1	3
66	A most painful knee does not induce interlimb differences in knee and hip moments during gait in patients with knee osteoarthritis. <i>Clinical Biomechanics</i> , 2021, 89, 105455.	0.5	2
67	Effects of adding a diet intervention to exercise on hip osteoarthritis pain: protocol for the ECHO randomized controlled trial. <i>BMC Musculoskeletal Disorders</i> , 2022, 23, 215.	0.8	2
68	Muscle Forces during Weightbearing Exercises in Medial Knee Osteoarthritis and Varus Malalignment: A Cross-sectional Study. <i>Medicine and Science in Sports and Exercise</i> , 2022, Publish Ahead of Print, .	0.2	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. <i>BMJ Open</i> , 2021, 11, e053084.	0.8	1
71	Editorial: Neuromechanics of Hip Osteoarthritis. <i>Frontiers in Sports and Active Living</i> , 2021, 3, 788263.	0.9	1
72	Effects of adding aerobic physical activity to strengthening exercise on hip osteoarthritis symptoms: protocol for the PHOENIX randomised controlled trial. <i>BMC Musculoskeletal Disorders</i> , 2022, 23, 361.	0.8	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?. <i>Osteoarthritis and Cartilage</i> , 2019, 27, S466-S467.	0.6	0
74	What is real change in submaximal cardiorespiratory fitness in older adults? Retrospective analysis of a clinical trial. <i>Sports Medicine - Open</i> , 2022, 8, 59.	1.3	0