

# Tim V Wrigley

## List of Publications by Year in descending order

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Version: 2024-02-01

117  
papers

5,288  
citations

81743

39  
h-index

95083

68  
g-index

120  
all docs

120  
docs citations

120  
times ranked

4408  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	The Effect of Flat Flexible Versus Stable Supportive Shoes on Knee Osteoarthritis Symptoms. <i>Annals of Internal Medicine</i> , 2021, 174, 462-471.	2.0	12
3	Patellar cartilage increase following ACL reconstruction with and without meniscal pathology: a two-year prospective MRI morphological study. <i>BMC Musculoskeletal Disorders</i> , 2021, 22, 909.	0.8	0
4	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
5	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
6	Greater magnitude tibiofemoral contact forces are associated with reduced prevalence of osteochondral pathologies 2-3 years following anterior cruciate ligament reconstruction. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2019, 27, 707-715.	2.3	16
7	Deep hip muscle activation during squatting in femoroacetabular impingement syndrome. <i>Clinical Biomechanics</i> , 2019, 69, 141-147.	0.5	12
8	Effects of Covertly Measured Home Exercise Adherence on Patient Outcomes Among Older Adults With Chronic Knee Pain. <i>Journal of Orthopaedic and Sports Physical Therapy</i> , 2019, 49, 548-556.	1.7	15
9	Tibiofemoral joint structural change from 2.5 to 4.5 years following ACL reconstruction with and without combined meniscal pathology. <i>BMC Musculoskeletal Disorders</i> , 2019, 20, 312.	0.8	13
10	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
11	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
12	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
13	Gluteal tendinopathy and hip osteoarthritis: Different pathologies, different hip biomechanics. <i>Gait and Posture</i> , 2018, 61, 459-465.	0.6	12
14	Cartilage quantitative T2 relaxation time 2-4 years following isolated anterior cruciate ligament reconstruction. <i>Journal of Orthopaedic Research</i> , 2018, 36, 2022-2029.	1.2	11
15	Effects of a hip brace on biomechanics and pain in people with femoroacetabular impingement. <i>Journal of Science and Medicine in Sport</i> , 2018, 21, 111-116.	0.6	12
16	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
17	Self-reported Home Exercise Adherence: A Validity and Reliability Study Using Concealed Accelerometers. <i>Journal of Orthopaedic and Sports Physical Therapy</i> , 2018, 48, 943-950.	1.7	54
18	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

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19	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
20	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
21	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
22	Cartilage morphology at 2–3 years following anterior cruciate ligament reconstruction with or without concomitant meniscal pathology. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2017, 25, 426-436.	2.3	20
23	Impact loading following quadriceps strength training in individuals with medial knee osteoarthritis and varus alignment. <i>Clinical Biomechanics</i> , 2017, 42, 20-24.	0.5	15
24	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
25	How do rocker-soled shoes influence the knee adduction moment in people with knee osteoarthritis? An analysis of biomechanical mechanisms. <i>Journal of Biomechanics</i> , 2017, 57, 62-68.	0.9	4
26	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
27	Squatting Biomechanics in Individuals with Symptomatic Femoroacetabular Impingement. <i>Medicine and Science in Sports and Exercise</i> , 2017, 49, 1520-1529.	0.2	35
28	Impact of Cane Use on Bone Marrow Lesion Volume in People With Medial Knee Osteoarthritis (CUBA) Tj ETQq0 0 0 rgBT /Overlock 10 T	1.1	4
29	Coordination of deep hip muscle activity is altered in symptomatic femoroacetabular impingement. <i>Journal of Orthopaedic Research</i> , 2017, 35, 1494-1504.	1.2	33
30	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
31	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
32	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
33	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
34	Unloading Shoes for Self-management of Knee Osteoarthritis. <i>Annals of Internal Medicine</i> , 2016, 165, 381.	2.0	32
35	Tibiofemoral Contact Forces in the Anterior Cruciate Ligament-Reconstructed Knee. <i>Medicine and Science in Sports and Exercise</i> , 2016, 48, 2195-2206.	0.2	61
36	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

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37	Kinematics and kinetics during stair ascent in individuals with Gluteal Tendinopathy. <i>Clinical Biomechanics</i> , 2016, 40, 37-44.	0.5	15
38	Tibiofemoral contact forces during walking, running and sidestepping. <i>Gait and Posture</i> , 2016, 49, 78-85.	0.6	111
39	Hip Abductor Muscle Weakness in Individuals with Gluteal Tendinopathy. <i>Medicine and Science in Sports and Exercise</i> , 2016, 48, 346-352.	0.2	42
40	Single leg stance control in individuals with symptomatic gluteal tendinopathy. <i>Gait and Posture</i> , 2016, 49, 108-113.	0.6	33
41	Kinematics and kinetics during walking in individuals with gluteal tendinopathy. <i>Clinical Biomechanics</i> , 2016, 32, 56-63.	0.5	38
42	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
43	Isometric and isokinetic hip strength and agonist/antagonist ratios in symptomatic femoroacetabular impingement. <i>Journal of Science and Medicine in Sport</i> , 2016, 19, 696-701.	0.6	70
44	Hip joint biomechanics during gait in people with and without symptomatic femoroacetabular impingement. <i>Gait and Posture</i> , 2016, 43, 198-203.	0.6	65
45	Increased duration of co-contraction of medial knee muscles is associated with greater progression of knee osteoarthritis. <i>Manual Therapy</i> , 2016, 21, 151-158.	1.6	104
46	Organisation of the motor cortex differs between people with and without knee osteoarthritis. <i>Arthritis Research and Therapy</i> , 2015, 17, 164.	1.6	53
47	Impact of Concurrent Foot Pain on Health and Functional Status in People with Knee Osteoarthritis: Data From the Osteoarthritis Initiative. <i>Arthritis Care and Research</i> , 2015, 67, 989-995.	1.5	30
48	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
49	Neuromuscular Exercise post Partial Medial Meniscectomy. <i>Medicine and Science in Sports and Exercise</i> , 2015, 47, 1557-1566.	0.2	14
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	Relationship between hip abductor strength and external hip and knee adduction moments in medial knee osteoarthritis. <i>Clinical Biomechanics</i> , 2015, 30, 226-230.	0.5	21
52	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
53	Proprioceptive impairments associated with knee osteoarthritis are not generalized to the ankle and elbow joints. <i>Human Movement Science</i> , 2015, 41, 103-113.	0.6	12
54	Effect of Rocker-Soled Shoes on Parameters of Knee Joint Load in Knee Osteoarthritis. <i>Medicine and Science in Sports and Exercise</i> , 2015, 47, 128-135.	0.2	4

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55	Physical impairments and activity limitations in people with femoroacetabular impingement: a systematic review. <i>British Journal of Sports Medicine</i> , 2015, 49, 230-242.	3.1	113
56	Postural response to vibration of triceps surae, but not quadriceps muscles, differs between people with and without knee osteoarthritis. <i>Journal of Orthopaedic Research</i> , 2014, 32, 989-996.	1.2	9
57	A survey of footwear advice, beliefs and wear habits in people with knee osteoarthritis. <i>Journal of Foot and Ankle Research</i> , 2014, 7, 43.	0.7	14
58	Effect of Physical Therapy on Pain and Function in Patients With Hip Osteoarthritis. <i>JAMA - Journal of the American Medical Association</i> , 2014, 311, 1987.	3.8	146
59	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
60	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
61	Mechanisms underpinning longitudinal increases in the knee adduction moment following arthroscopic partial meniscectomy. <i>Clinical Biomechanics</i> , 2014, 29, 892-897.	0.5	11
62	Knee joint laxity and passive stiffness in meniscectomized patients compared with healthy controls. <i>Knee</i> , 2014, 21, 886-890.	0.8	6
63	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
64	Neuromuscular Versus Quadriceps Strengthening Exercise in Patients With Medial Knee Osteoarthritis and Varus Malalignment: A Randomized Controlled Trial. <i>Arthritis and Rheumatology</i> , 2014, 66, 950-959.	2.9	138
65	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
66	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
67	Self-reported knee joint instability is related to passive mechanical stiffness in medial knee osteoarthritis. <i>BMC Musculoskeletal Disorders</i> , 2013, 14, 326.	0.8	19
68	Modified walking shoes for knee osteoarthritis: Mechanisms for reductions in the knee adduction moment. <i>Journal of Biomechanics</i> , 2013, 46, 2060-2066.	0.9	26
69	Update on the Role of Muscle in the Genesis and Management of Knee Osteoarthritis. <i>Rheumatic Disease Clinics of North America</i> , 2013, 39, 145-176.	0.8	164
70	Stretch and activation of the human biarticular hamstrings across a range of running speeds. <i>European Journal of Applied Physiology</i> , 2013, 113, 2813-2828.	1.2	52
71	Effects of a modified shoe on knee load in people with and those without knee osteoarthritis. <i>Arthritis and Rheumatism</i> , 2013, 65, 701-709.	6.7	36
72	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

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73	Lateral wedge insoles for medial knee osteoarthritis: Effects on lower limb frontal plane biomechanics. <i>Clinical Biomechanics</i> , 2012, 27, 27-33.	0.5	147
74	Trunk lean gait modification and knee joint load in people with medial knee osteoarthritis: The effect of varying trunk lean angles. <i>Arthritis Care and Research</i> , 2012, 64, 1545-1553.	1.5	98
75	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
76	Measurement of subregional vertebral bone mineral density in vitro using lateral projection dual-energy X-ray absorptiometry: validation with peripheral quantitative computed tomography. <i>Journal of Bone and Mineral Metabolism</i> , 2012, 30, 222-231.	1.3	13
77	Gait modification strategies for altering medial knee joint load: A systematic review. <i>Arthritis Care and Research</i> , 2011, 63, 405-426.	1.5	172
78	Comparison of neuromuscular and quadriceps strengthening exercise in the treatment of varus malaligned knees with medial knee osteoarthritis: a randomised controlled trial protocol. <i>BMC Musculoskeletal Disorders</i> , 2011, 12, 276.	0.8	47
79	Feasibility of a gait retraining strategy for reducing knee joint loading: Increased trunk lean guided by real-time biofeedback. <i>Journal of Biomechanics</i> , 2011, 44, 943-947.	0.9	126
80	Exercise and Osteoarthritis: Cause and Effects. , 2011, 1, 1943-2008.		43
81	Quadriceps strength is not related to gait impact loading in knee osteoarthritis. <i>Knee</i> , 2010, 17, 296-302.	0.8	41
82	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
83	Hip muscle weakness in individuals with medial knee osteoarthritis. <i>Arthritis Care and Research</i> , 2010, 62, 1190-1193.	1.5	164
84	Varusâ€™ valgus laxity and passive stiffness in medial knee osteoarthritis. <i>Arthritis Care and Research</i> , 2010, 62, 1237-1243.	1.5	22
85	Individuals with severe knee osteoarthritis (OA) exhibit altered proximal walking mechanics compared with individuals with less severe OA and those without knee pain. <i>Arthritis Care and Research</i> , 2010, 62, 1426-1432.	1.5	59
86	Bone marrow lesions are related to dynamic knee loading in medial knee osteoarthritis. <i>Annals of the Rheumatic Diseases</i> , 2010, 69, 1151-1154.	0.5	82
87	Novel Assessment of Subregional Bone Mineral Density Using DXA and pQCT and Subregional Microarchitecture Using Micro-CT in Whole Human Vertebrae: Applications, Methods, and Correspondence Between Technologies. <i>Journal of Clinical Densitometry</i> , 2010, 13, 161-174.	0.5	21
88	Sagittal plane bending moments acting on the lower leg during running. <i>Gait and Posture</i> , 2010, 31, 218-222.	0.6	22
89	Neuromotor Control of the Lower Limb in Achilles Tendinopathy. <i>Sports Medicine</i> , 2010, 40, 715-727.	3.1	34
90	Selfâ€™report and physical performance measures of physical function in hip osteoarthritis: Relationship to isometric quadriceps torque development. <i>Arthritis and Rheumatism</i> , 2009, 61, 201-208.	6.7	20

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91	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
92	Association of physical performance with muscle strength and hip range of motion in hip osteoarthritis. <i>Arthritis and Rheumatism</i> , 2009, 61, 442-450.	6.7	30
93	Hip flexion range of motion and physical function in hip osteoarthritis: Mediating effects of hip extensor strength and pain. <i>Arthritis and Rheumatism</i> , 2009, 61, 633-640.	6.7	29
94	Biomechanical response to hamstring muscle strain injury. <i>Gait and Posture</i> , 2009, 29, 332-338.	0.6	172
95	The Lower Extremity Functional Scale could be an alternative to the Western Ontario and McMaster Universities Osteoarthritis Index physical function scale. <i>Journal of Clinical Epidemiology</i> , 2009, 62, 1103-1111.	2.4	103
96	Discriminant Validity of the Western Ontario and McMaster Universities Osteoarthritis Index Physical Functioning Subscale in Community Samples With Hip Osteoarthritis. <i>Archives of Physical Medicine and Rehabilitation</i> , 2009, 90, 1772-1777.	0.5	17
97	Real-time movement biofeedback for walking gait modification in knee osteoarthritis. , 2009, , .		4
98	Ultrasound monitoring of inter-knee distances during gait. , 2009, 2009, 725-8.		2
99	Muscle and Exercise in the Prevention and Management of Knee Osteoarthritis: an Internal Medicine Specialist's Guide. <i>Medical Clinics of North America</i> , 2009, 93, 161-177.	1.1	33
100	Lateral wedges in knee osteoarthritis: What are their immediate clinical and biomechanical effects and can these predict a three-month clinical outcome?. <i>Arthritis and Rheumatism</i> , 2008, 59, 408-415.	6.7	136
101	Reducing joint loading in medial knee osteoarthritis: Shoes and canes. <i>Arthritis and Rheumatism</i> , 2008, 59, 609-614.	6.7	86
102	Tibial subchondral trabecular volumetric bone density in medial knee joint osteoarthritis using peripheral quantitative computed tomography technology. <i>Arthritis and Rheumatism</i> , 2008, 58, 2776-2785.	6.7	42
103	Varus malalignment and its association with impairments and functional limitations in medial knee osteoarthritis. <i>Arthritis and Rheumatism</i> , 2008, 59, 935-942.	6.7	35
104	Does knee malalignment mediate the effects of quadriceps strengthening on knee adduction moment, pain, and function in medial knee osteoarthritis? A randomized controlled trial. <i>Arthritis and Rheumatism</i> , 2008, 59, 943-951.	6.7	197
105	Intrarater Test-Retest Reliability of Hip Range of Motion and Hip Muscle Strength Measurements in Persons With Hip Osteoarthritis. <i>Archives of Physical Medicine and Rehabilitation</i> , 2008, 89, 1146-1154.	0.5	175
106	Role of Muscle in the Genesis and Management of Knee Osteoarthritis. <i>Rheumatic Disease Clinics of North America</i> , 2008, 34, 731-754.	0.8	132
107	Thoracic Kyphosis Affects Spinal Loads and Trunk Muscle Force. <i>Physical Therapy</i> , 2007, 87, 595-607.	1.1	164
108	MEASUREMENT OF KNEE VARUS-VALGUS LAXITY USING A MODIFIED ISOKINETIC DYNAMOMETER. <i>Journal of Biomechanics</i> , 2007, 40, S593.	0.9	5

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109	The effects of hip muscle strengthening on knee load, pain, and function in people with knee osteoarthritis: a protocol for a randomised, single-blind controlled trial. <i>BMC Musculoskeletal Disorders</i> , 2007, 8, 121.	0.8	53
110	The effect of osteoporotic vertebral fracture on predicted spinal loads in vivo. <i>European Spine Journal</i> , 2006, 15, 1785-1795.	1.0	84
111	Are Anthropometric and Kinematic Parameters of the Lumbo-Pelvic-Hip Complex Related to Running Injuries?. <i>Research in Sports Medicine</i> , 2005, 13, 127-147.	0.7	17
112	Body sway, aim point fluctuation and performance in rifle shooters: inter- and intra-individual analysis. <i>Journal of Sports Sciences</i> , 2003, 21, 559-566.	1.0	75
113	Intra-subject repeatability of the three dimensional angular kinematics within the lumbo-pelvic-hip complex during running. <i>Gait and Posture</i> , 2002, 15, 136-145.	0.6	42
114	A comparison of overground and treadmill running for measuring the three-dimensional kinematics of the lumbo-pelvic-hip complex. <i>Clinical Biomechanics</i> , 2001, 16, 667-680.	0.5	137
115	The effect of differing Cardan angle sequences on three dimensional lumbo-pelvic angular kinematics during running. <i>Medical Engineering and Physics</i> , 2001, 23, 495-503.	0.8	9
116	Resistance exercise training increases muscle strength, endurance, and blood flow in patients with chronic heart failure. <i>American Journal of Cardiology</i> , 1999, 83, 1674-1677.	0.7	96
117	The coordinated movement of the lumbo-pelvic-hip complex during running: a literature review. <i>Gait and Posture</i> , 1999, 10, 30-47.	0.6	92