

John H Hollman, Pt

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

119
papers

3,363
citations

32
h-index

55
g-index

122
ext. papers

3,836
ext. citations

2.7
avg, IF

5.23
L-index

#	Paper	IF	Citations
119	Normative spatiotemporal gait parameters in older adults. <i>Gait and Posture</i> , 2011 , 34, 111-8	2.6	408
118	Age-related differences in spatiotemporal markers of gait stability during dual task walking. <i>Gait and Posture</i> , 2007 , 26, 113-9	2.6	268
117	Intrarater and interrater reliability of the Balance Error Scoring System (BESS). <i>PM and R</i> , 2009 , 1, 50-4	2.2	171
116	Number of strides required for reliable measurements of pace, rhythm and variability parameters of gait during normal and dual task walking in older individuals. <i>Gait and Posture</i> , 2010 , 32, 23-8	2.6	134
115	Relationships between knee valgus, hip-muscle strength, and hip-muscle recruitment during a single-limb step-down. <i>Journal of Sport Rehabilitation</i> , 2009 , 18, 104-17	1.7	128
114	Functional impact of white matter hyperintensities in cognitively normal elderly subjects. <i>Archives of Neurology</i> , 2010 , 67, 1379-85		122
113	A comparison of variability in spatiotemporal gait parameters between treadmill and overground walking conditions. <i>Gait and Posture</i> , 2016 , 43, 204-9	2.6	108
112	The influence of gender and age on hamstring muscle length in healthy adults. <i>Journal of Orthopaedic and Sports Physical Therapy</i> , 2005 , 35, 246-52	4.2	89
111	Age-related differences in dual task walking: a cross sectional study. <i>Journal of NeuroEngineering and Rehabilitation</i> , 2008 , 5, 29	5.3	84
110	Influence of lever arm and stabilization on measures of hip abduction and adduction torque obtained by hand-held dynamometry. <i>Archives of Physical Medicine and Rehabilitation</i> , 2007 , 88, 37-42	2.8	76
109	Measurement of ankle dorsiflexion: a comparison of active and passive techniques in multiple positions. <i>Journal of Sport Rehabilitation</i> , 2011 , 20, 333-44	1.7	66
108	Minimum detectable change in gait velocity during acute rehabilitation following hip fracture. <i>Journal of Geriatric Physical Therapy</i> , 2008 , 31, 53-6	3.2	65
107	Spatiotemporal gait deviations in a virtual reality environment. <i>Gait and Posture</i> , 2006 , 23, 441-4	2.6	59
106	Frontal and transverse plane hip kinematics and gluteus maximus recruitment correlate with frontal plane knee kinematics during single-leg squat tests in women. <i>Clinical Biomechanics</i> , 2014 , 29, 468-74	2.2	54
105	Accuracy of ultrasound-guided and palpation-guided knee injections by an experienced and less-experienced injector using a superolateral approach: a cadaveric study. <i>PM and R</i> , 2011 , 3, 507-15	2.2	53
104	Electromyographic analysis of the gluteus medius in five weight-bearing exercises. <i>Journal of Strength and Conditioning Research</i> , 2009 , 23, 2689-94	3.2	50
103	Interprofessional education in gross anatomy: experience with first-year medical and physical therapy students at Mayo Clinic. <i>Anatomical Sciences Education</i> , 2008 , 1, 258-63	6.8	50

102	Does walking in a virtual environment induce unstable gait? An examination of vertical ground reaction forces. <i>Gait and Posture</i> , 2007 , 26, 289-94	2.6	47
101	Comparison of Gait Parameters for Predicting Cognitive Decline: The Mayo Clinic Study of Aging. <i>Journal of Alzheimer's Disease</i> , 2017 , 55, 559-567	4.3	44
100	Subtle gait changes in patients with REM sleep behavior disorder. <i>Movement Disorders</i> , 2013 , 28, 1847-53		42
99	The effects of gender, age, and body mass index on standing lumbar curvature in persons without current low back pain. <i>Physiotherapy Theory and Practice</i> , 2006 , 22, 229-37	1.5	41
98	Agreement between the GAITRite walkway system and a stopwatch-footfall count method for measurement of temporal and spatial gait parameters. <i>Archives of Physical Medicine and Rehabilitation</i> , 2006 , 87, 1648-52	2.8	40
97	Comparison of muscle activation using various hand positions during the push-up exercise. <i>Journal of Strength and Conditioning Research</i> , 2005 , 19, 628-33	3.2	40
96	Effects of examiner strength on reliability of hip-strength testing using a handheld dynamometer. <i>Journal of Sport Rehabilitation</i> , 2014 , 23, 56-64	1.7	39
95	Surface electromyographic activation patterns and elbow joint motion during a pull-up, chin-up, or perfect-pullup rotational exercise. <i>Journal of Strength and Conditioning Research</i> , 2010 , 24, 3404-14	3.2	39
94	Accuracy of ultrasound-guided versus unguided pes anserinus bursa injections. <i>PM and R</i> , 2010 , 2, 732-9	2.2	38
93	Gender differences in dual task gait performance in older adults. <i>American Journal of Men's Health</i> , 2011 , 5, 11-7	2.2	38
92	Comparison of muscle-activation patterns during the conventional push-up and perfect pushup exercises. <i>Journal of Strength and Conditioning Research</i> , 2010 , 24, 3352-62	3.2	38
91	Lumbar Traction for Managing Low Back Pain: A Survey of Physical Therapists in the United States. <i>Journal of Orthopaedic and Sports Physical Therapy</i> , 2015 , 45, 586-95	4.2	37
90	Changes in active ankle dorsiflexion range of motion after acute inversion ankle sprain. <i>Journal of Sport Rehabilitation</i> , 2009 , 18, 358-74	1.7	36
89	Abdominal muscle performance as measured by the double leg-lowering test. <i>Archives of Physical Medicine and Rehabilitation</i> , 2005 , 86, 1345-8	2.8	36
88	The accuracy of ultrasound-guided and palpation-guided peroneal tendon sheath injections. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2011 , 90, 564-71	2.6	34
87	Cerebral Amyloid Deposition Is Associated with Gait Parameters in the Mayo Clinic Study of Aging. <i>Journal of the American Geriatrics Society</i> , 2017 , 65, 792-799	5.6	32
86	The contribution of golf to daily physical activity recommendations: how many steps does it take to complete a round of golf?. <i>Mayo Clinic Proceedings</i> , 2006 , 81, 1041-3	6.4	28
85	Variability of the Ischiofemoral Space Relative to Femur Position: An Ultrasound Study. <i>PM and R</i> , 2015 , 7, 930-937	2.2	25

84	The association between peripheral total IGF-1, IGF-1/IGFBP-3 and functional and cognitive outcomes in the Mayo Clinic Study of Aging. <i>Neurobiology of Aging</i> , 2018 , 66, 68-74	5.6	23
83	The efficacy of two modified proprioceptive neuromuscular facilitation stretching techniques in subjects with reduced hamstring muscle length. <i>Physiotherapy Theory and Practice</i> , 2010 , 26, 240-50	1.5	23
82	Perceived Usefulness of Reciprocal Peer Teaching Among Doctor of Physical Therapy Students in the Gross Anatomy Laboratory. <i>Journal, Physical Therapy Education</i> , 2007 , 21, 30-38	0.6	23
81	Determining meaningful changes in pelvic-on-femoral position during the Trendelenburg test. <i>Journal of Sport Rehabilitation</i> , 2007 , 16, 326-35	1.7	23
80	Relationship of off-ice and on-ice performance measures in high school male hockey players. <i>Journal of Strength and Conditioning Research</i> , 2012 , 26, 1423-30	3.2	22
79	Usefulness of the Trendelenburg test for identification of patients with hip joint osteoarthritis. <i>Physiotherapy Theory and Practice</i> , 2010 , 26, 184-94	1.5	21
78	Reliability and accuracy of a goniometer mobile device application for video measurement of the functional movement screen deep squat test. <i>International Journal of Sports Physical Therapy</i> , 2015 , 10, 37-44	1.4	21
77	Responsiveness of 2 procedures for measurement of temporal and spatial gait parameters in older adults. <i>PM and R</i> , 2010 , 2, 537-43	2.2	20
76	Comparison of Diaphragm Thickness Measurements Among Postures Via Ultrasound Imaging. <i>PM and R</i> , 2017 , 9, 21-25	2.2	19
75	Longitudinal Association Between Brain Amyloid-Beta and Gait in the Mayo Clinic Study of Aging. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2018 , 73, 1244-1250	6.4	19
74	Modulation of frontal-plane knee kinematics by hip-extensor strength and gluteus maximus recruitment during a jump-landing task in healthy women. <i>Journal of Sport Rehabilitation</i> , 2013 , 22, 184-90	1.7	19
73	Age-Related Differences in Stride-to-Stride Variability During Dual Task Walking: A Pilot Study. <i>Journal of Geriatric Physical Therapy</i> , 2004 , 27, 83-87	3.2	19
72	Effects of hip extensor fatigue on lower extremity kinematics during a jump-landing task in women: a controlled laboratory study. <i>Clinical Biomechanics</i> , 2012 , 27, 903-9	2.2	17
71	Validity of hamstring muscle length assessment during the sit-and-reach test using an inclinometer to measure hip joint angle. <i>Journal of Strength and Conditioning Research</i> , 2008 , 22, 303-9	3.2	17
70	Magnitudes of muscle activation of spine stabilizers, gluteals, and hamstrings during supine bridge to neutral position. <i>Physiotherapy Theory and Practice</i> , 2015 , 31, 418-27	1.5	16
69	Surface electromyographic analysis of core trunk and hip muscles during selected rehabilitation exercises in the side-bridge to neutral spine position. <i>Sports Health</i> , 2014 , 6, 416-21	4.7	16
68	Use of individual feedback during human gross anatomy course for enhancing professional behaviors in doctor of physical therapy students. <i>Anatomical Sciences Education</i> , 2013 , 6, 324-31	6.8	16
67	Reliability of hip internal rotation range of motion measurement using a digital inclinometer. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2015 , 23, 2562-7	5.5	15

66	Accuracy of palpation-guided and ultrasound-guided needle tip placement into the deep and superficial posterior leg compartments. <i>American Journal of Sports Medicine</i> , 2011 , 39, 1968-74	6.8	15
65	Gender differences in surface rolling and gliding kinematics of the knee. <i>Clinical Orthopaedics and Related Research</i> , 2003 , 208-21	2.2	15
64	Knee Joint Movements in Subjects Without Knee Pathology and Subjects With Injured Anterior Cruciate Ligaments. <i>Physical Therapy</i> , 2002 , 82, 960-972	3.3	14
63	Electromyographic analysis of trunk and hip muscles during resisted lateral band walking. <i>Physiotherapy Theory and Practice</i> , 2013 , 29, 113-23	1.5	13
62	Reliability of the dial test using a handheld inclinometer. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2013 , 21, 1011-6	5.5	13
61	Comparison of muscle activation levels during arm abduction in the plane of the scapula vs. proprioceptive neuromuscular facilitation upper extremity patterns. <i>Journal of Strength and Conditioning Research</i> , 2012 , 26, 1058-65	3.2	13
60	Determining meaningful changes in hip abductor muscle strength obtained by handheld dynamometry. <i>Physiotherapy Theory and Practice</i> , 2008 , 24, 215-20	1.5	13
59	Complexity, fractal dynamics and determinism in treadmill ambulation: Implications for clinical biomechanists. <i>Clinical Biomechanics</i> , 2016 , 37, 91-97	2.2	13
58	Plasma Sphingolipids are Associated With Gait Parameters in the Mayo Clinic Study of Aging. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2018 , 73, 960-965	6.4	13
57	Muscle activation levels of the gluteus maximus and medius during standing hip-joint strengthening exercises using elastic-tubing resistance. <i>Journal of Sport Rehabilitation</i> , 2014 , 23, 1-11	1.7	12
56	Hip and Pelvic Floor Muscle Strength in Women With and Without Stress Urinary Incontinence. <i>Journal of Women's Health Physical Therapy</i> , 2012 , 36, 55-61	0.7	11
55	ELECTROMYOGRAPHY OF THE HIP AND THIGH MUSCLES DURING TWO VARIATIONS OF THE LUNGE EXERCISE: A CROSS-SECTIONAL STUDY. <i>International Journal of Sports Physical Therapy</i> , 2018 , 13, 137-142	1.4	11
54	A Comparison of Various Cervical Muscle Strength Testing Methods Using a Handheld Dynamometer. <i>Sports Health</i> , 2019 , 11, 59-63	4.7	11
53	Variability of ischiofemoral space dimensions with changes in hip flexion: an MRI study. <i>Skeletal Radiology</i> , 2017 , 46, 59-64	2.7	10
52	Can Ultrasound Accurately Assess Ischiofemoral Space Dimensions? A Validation Study. <i>PM and R</i> , 2017 , 9, 392-397	2.2	10
51	Life Space Assessment in Spinal Cord Injury. <i>Topics in Spinal Cord Injury Rehabilitation</i> , 2016 , 22, 173-182	1.5	10
50	ELECTROMYOGRAPHY OF THE HIP AND THIGH MUSCLES DURING TWO VARIATIONS OF THE LUNGE EXERCISE: A CROSS-SECTIONAL STUDY. <i>International Journal of Sports Physical Therapy</i> , 2018 , 13, 137-142	1.4	10
49	Magnitudes of muscle activation of spine stabilizers in healthy adults during prone on elbow planking exercises with and without a fitness ball. <i>Physiotherapy Theory and Practice</i> , 2018 , 34, 212-222	1.5	9

48	Interprofessional education: collaboration or competition? A tale of two experiences. <i>Current Sports Medicine Reports</i> , 2014 , 13, 291-2	1.9	9
47	Retrospective analysis of the behavioral interview and other preadmission variables to predict licensure examination outcomes in physical therapy. <i>Journal of Allied Health</i> , 2008 , 37, 97-104	0.4	9
46	Electromyographic analysis of gluteus maximus and hamstring activity during the supine resisted hip extension exercise versus supine unilateral bridge to neutral. <i>Physiotherapy Theory and Practice</i> , 2017 , 33, 124-130	1.5	6
45	The modified gait abnormality rating scale in patients with a conversion disorder: a reliability and responsiveness study. <i>Gait and Posture</i> , 2015 , 41, 125-9	2.6	6
44	Does the fast Fourier transformation window length affect the slope of an electromyogram's median frequency plot during a fatiguing isometric contraction?. <i>Gait and Posture</i> , 2013 , 38, 161-4	2.6	6
43	Values for timed limb coordination tests in a sample of healthy older adults. <i>Age and Ageing</i> , 2012 , 41, 803-7	3	6
42	Hip-Abductor Muscle Performance in Participants after 45 Seconds of Resisted Sidestepping Using an Elastic Band. <i>Journal of Sport Rehabilitation</i> , 2006 , 15, 1-11	1.7	6
41	Activation of Spinal Stabilizers and Shoulder Complex Muscles During an Inverted Row Using a Portable Pull-up Device and Body Weight Resistance. <i>Journal of Strength and Conditioning Research</i> , 2016 , 30, 1933-41	3.2	6
40	Cervical Traction for Managing Neck Pain: A Survey of Physical Therapists in the United States. <i>Journal of Orthopaedic and Sports Physical Therapy</i> , 2017 , 47, 200-208	4.2	5
39	Do Verbal and Tactile Cueing Selectively Alter Gluteus Maximus and Hamstring Recruitment During a Supine Bridging Exercise in Active Females? A Randomized Controlled Trial. <i>Journal of Sport Rehabilitation</i> , 2018 , 27, 138-143	1.7	5
38	Ultrasound Evaluation of the Lower Trapezius in Adolescent Baseball Pitchers. <i>PM and R</i> , 2016 , 8, 510-9	2.2	5
37	Increased stride-rate in runners following an independent retraining program: A randomized controlled trial. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2019 , 29, 1789-1796	4.6	5
36	Timed limb coordination performance is associated with walking speed in healthy older adults: a cross-sectional exploratory study. <i>Gait and Posture</i> , 2013 , 38, 316-20	2.6	5
35	Passive hip rotation range of motion: effects of testing position and age in runners and non-runners. <i>Physiotherapy Theory and Practice</i> , 2003 , 19, 77-86	1.5	5
34	Treadmill walking alters stride time dynamics in Parkinson's disease. <i>Gait and Posture</i> , 2020 , 77, 195-200	2.6	5
33	Ultrasound-Guided Cutting Wire Release of the Proximal Adductor Longus Tendon: A Feasibility Study. <i>Orthopaedic Journal of Sports Medicine</i> , 2019 , 7, 2325967119866010	3.5	4
32	Influence of Body Position on Shoulder and Trunk Muscle Activation During Resisted Isometric Shoulder External Rotation. <i>Sports Health</i> , 2018 , 10, 355-360	4.7	4
31	Learning of musculoskeletal ligament stress testing in a gross anatomy laboratory. <i>Anatomical Sciences Education</i> , 2011 , 4, 357-61	6.8	4

30	Ultrasound Assessment of Weight-Bearing and Non-Weight-Bearing Meniscal Extrusion: A Reliability Study. <i>PM and R</i> , 2020 , 12, 26-35	2.2	4
29	Evaluating Physical Therapist Students' Clinical Performance in Acute Care: A Retrospective Analysis Comparing Student-Treated and Staff-Treated Patient Outcomes After Total Knee Arthroplasty. <i>Journal, Physical Therapy Education</i> , 2015 , 29, 32-42	0.6	3
28	Accuracy of medial foot compartment pressure testing: a comparison of two techniques. <i>Foot and Ankle International</i> , 2010 , 31, 1001-5	3.3	3
27	Coordination tests in persons with acute central nervous system pathology: assessment of interrater reliability and known-group validity. <i>Journal of Neurologic Physical Therapy</i> , 2012 , 36, 122-30	4.1	3
26	Videographic determination of instantaneous center of rotation using a hinge joint model. <i>Journal of Orthopaedic and Sports Physical Therapy</i> , 1999 , 29, 463-9	4.2	3
25	Recruitment of Shoulder Prime Movers and Torso Stabilizers During Push-Up Exercises Using a Suspension Training System. <i>Journal of Sport Rehabilitation</i> , 2020 , 29, 993-1000	1.7	3
24	Interpreting oblique impact data from an accelerometer-instrumented ice hockey helmet. <i>Proceedings of the Institution of Mechanical Engineers, Part P: Journal of Sports Engineering and Technology</i> , 2017 , 231, 307-316	0.7	2
23	Magnitudes of gluteus medius muscle activation during standing hip joint movements in spiral-diagonal patterns using elastic tubing resistance. <i>Physiotherapy Theory and Practice</i> , 2015 , 31, 410-15	1.5	2
22	Hip extensor fatigue alters hip and knee coupling dynamics during single-limb step-downs: A randomized controlled trial. <i>Journal of Biomechanics</i> , 2020 , 100, 109583	2.9	2
21	The Difference in Medial Meniscal Extrusion between Non-Weight-Bearing and Weight-Bearing Positions in People with and without Medial Compartment Knee Osteoarthritis. <i>PM and R</i> , 2021 , 13, 470-478	2.2	2
20	Ultrasound-Guided Cutting Wire Release of the Posterior Iliotibial Band: A Feasibility Study. <i>PM and R</i> , 2020 , 12, 1113-1119	2.2	1
19	Does upper limb coordination predict walking speed in older adults? A cross-sectional study. <i>Journal of Geriatric Physical Therapy</i> , 2014 , 37, 106-15	3.2	1
18	. <i>Spine</i> , 2003 , 28, E136-E139	3.3	1
17	Tibiofemoral Joint-Surface Motions in Weight-Bearing and Non-Weight-Bearing Movement. <i>Journal of Sport Rehabilitation</i> , 2003 , 12, 143-161	1.7	1
16	Impact of foot progression angle modification on plantar loading in individuals with diabetes mellitus and peripheral neuropathy 2016 , 2, 15-23		1
15	Diminished neuromuscular system adaptability following anterior cruciate ligament injury: Examination of knee muscle force variability and complexity. <i>Clinical Biomechanics</i> , 2021 , 90, 105513	2.2	1
14	Student Physical Therapists Achieve Similar Patient Outcomes as Licensed Physical Therapists. <i>Journal, Physical Therapy Education</i> , 2017 , 31, 35-39	0.6	1
13	Scapular muscle balance and spinal stabilizer recruitment during an inverted row. <i>Physiotherapy Theory and Practice</i> , 2020 , 36, 432-443	1.5	1

12	Recruitment of Shoulder Complex and Torso Stabilizer Muscles With Rowing Exercises Using a Suspension Strap Training System. <i>Sports Health</i> , 2021 , 13, 85-90	4.7	1
11	Identifying Fall Risk of Patients Receiving Hematopoietic Cell Transplant. <i>Rehabilitation Oncology</i> , 2018 , 36, 167-171	0.8	1
10	Comparing adaptive fractal and detrended fluctuation analyses of stride time variability: Tests of equivalence.. <i>Gait and Posture</i> , 2022 , 94, 9-14	2.6	1
9	Can a Brief Training Session Prepare Physician Sonographers of Differing Experience to Measure the Ischiofemoral Space? A Reliability Study. <i>PM and R</i> , 2019 , 11, 142-149	2.2	0
8	Qualitative and quantitative evaluation of an interprofessional workshop between physical therapy and medical students. <i>Journal of Interprofessional Care</i> , 2021 , 35, 145-148	2.7	0
7	Responsiveness of a Balance Assessment Using a Mobile Application. <i>Sports Health</i> , 2020 , 12, 401-404	4.7	
6	Cervical Traction for Managing Neck Pain: A Survey of Physical Therapists in the United States. <i>Journal of Orthopaedic and Sports Physical Therapy</i> , 2016 , 1-39	4.2	
5	Influence of Neck Laceration Protectors on Cervical Range of Motion. <i>Clinical Journal of Sport Medicine</i> , 2017 , 27, 111-118	3.2	
4	ELECTROMYOGRAPHIC ANALYSIS OF HIP MUSCLE ACTIVATION DURING A SINGLE LIMB SQUAT LATERAL SLIDE EXERCISE. <i>International Journal of Sports Physical Therapy</i> , 2020 , 15, 755-762	1.4	
3	ELECTROMYOGRAPHIC ANALYSIS OF HIP MUSCLE ACTIVATION DURING A SINGLE LIMB SQUAT LATERAL SLIDE EXERCISE. <i>International Journal of Sports Physical Therapy</i> , 2020 , 15, 755-762	1.4	
2	Physical Performance Following Hematopoietic Stem Cell Transplantation: A Prospective Observational Study. <i>Rehabilitation Oncology</i> , 2020 , 38, 122-126	0.8	
1	Gait synchronized neuromuscular electrical stimulation to the gluteus medius on a patient with right hemiparesis: a case report. <i>Physiotherapy Theory and Practice</i> , 2021 , 1-7	1.5	