## John H Hollman, Pt

List of Publications by Year in descending order

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Version: 2024-02-01

122 papers 4,389 citations

34 h-index 62 g-index

122 all docs 122 docs citations

122 times ranked

5022 citing authors

#	Article	IF	Citations
1	Gait synchronized neuromuscular electrical stimulation to the gluteus medius on a patient with right hemiparesis: a case report. Physiotherapy Theory and Practice, 2022, 38, 3180-3186.	0.6	O
2	Characterization of Postural Sway in Patients With Persistent Postural-Perceptual Dizziness (PPPD) Using Wearable Motion Sensors. Otology and Neurotology, 2022, 43, e243-e251.	0.7	11
3	Comparing adaptive fractal and detrended fluctuation analyses of stride time variability: Tests of equivalence. Gait and Posture, 2022, 94, 9-14.	0.6	4
4	The Difference in Medial Meniscal Extrusion between Nonâ€Weightâ€Bearing and Weightâ€Bearing Positions in People with and without Medial Compartment Knee Osteoarthritis. PM and R, 2021, 13, 470-478.	0.9	7
5	Recruitment of Shoulder Complex and Torso Stabilizer Muscles With Rowing Exercises Using a Suspension Strap Training System. Sports Health, 2021, 13, 85-90.	1.3	1
6	Qualitative and quantitative evaluation of an interprofessional workshop between physical therapy and medical students. Journal of Interprofessional Care, 2021, 35, 145-148.	0.8	3
7	Validity Indices of the King-Devick Concussion Test in Hockey Players. Clinical Journal of Sport Medicine, 2021, Publish Ahead of Print, .	0.9	2
8	Diminished neuromuscular system adaptability following anterior cruciate ligament injury: Examination of knee muscle force variability and complexity. Clinical Biomechanics, 2021, 90, 105513.	0.5	9
9	Ultrasound Assessment of Weightâ€Bearing and Non–Weightâ€Bearing Meniscal Extrusion: A Reliability Study. PM and R, 2020, 12, 26-35.	0.9	7
10	Scapular muscle balance and spinal stabilizer recruitment during an inverted row. Physiotherapy Theory and Practice, 2020, 36, 432-443.	0.6	3
11	Hip extensor fatigue alters hip and knee coupling dynamics during single-limb step-downs: A randomized controlled trial. Journal of Biomechanics, 2020, 100, 109583.	0.9	7
12	Physical Performance Following Hematopoietic Stem Cell Transplantation: A Prospective Observational Study. Rehabilitation Oncology, 2020, 38, 122-126.	0.2	0
13	Treadmill walking alters stride time dynamics in Parkinson's disease. Gait and Posture, 2020, 77, 195-200.	0.6	8
14	Ultrasoundâ€Guided Cutting Wire Release of the Posterior Iliotibial Band: A Feasibility Study. PM and R, 2020, 12, 1113-1119.	0.9	2
15	Responsiveness of a Balance Assessment Using a Mobile Application. Sports Health, 2020, 12, 401-404.	1.3	0
16	Recruitment of Shoulder Prime Movers and Torso Stabilizers During Push-Up Exercises Using a Suspension Training System. Journal of Sport Rehabilitation, 2020, 29, 993-1000.	0.4	8
17	ELECTROMYOGRAPHIC ANALYSIS OF HIP MUSCLE ACTIVATION DURING A SINGLE LIMB SQUAT LATERAL SLIDE EXERCISE. International Journal of Sports Physical Therapy, 2020, 15, 755-762.	0.5	0
18	ELECTROMYOGRAPHIC ANALYSIS OF HIP MUSCLE ACTIVATION DURING A SINGLE LIMB SQUAT LATERAL SLIDE EXERCISE. International Journal of Sports Physical Therapy, 2020, 15, 755-762.	0.5	2

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19	Can a Brief Training Session Prepare Physician Sonographers of Differing Experience to Measure the Ischiofemoral Space? A Reliability Study. PM and R, 2019, 11, 142-149.	0.9	1
20	Increased strideâ€rate in runners following an independent retraining program: A randomized controlled trial. Scandinavian Journal of Medicine and Science in Sports, 2019, 29, 1789-1796.	1.3	12
21	Ultrasound-Guided Cutting Wire Release of the Proximal Adductor Longus Tendon: A Feasibility Study. Orthopaedic Journal of Sports Medicine, 2019, 7, 232596711986601.	0.8	6
22	A Comparison of Various Cervical Muscle Strength Testing Methods Using a Handheld Dynamometer. Sports Health, 2019, 11, 59-63.	1.3	16
23	The association between peripheral total IGF-1, IGFBP-3, and IGF-1/IGFBP-3 and functional and cognitive outcomes in the Mayo Clinic Study of Aging. Neurobiology of Aging, 2018, 66, 68-74.	1.5	30
24	Influence of Body Position on Shoulder and Trunk Muscle Activation During Resisted Isometric Shoulder External Rotation. Sports Health, 2018, 10, 355-360.	1.3	6
25	Longitudinal Association Between Brain Amyloid-Beta and Gait in the Mayo Clinic Study of Aging. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2018, 73, 1244-1250.	1.7	30
26	Do Verbal and Tactile Cueing Selectively Alter Gluteus Maximus and Hamstring Recruitment During a Supine Bridging Exercise in Active Females? A Randomized Controlled Trial. Journal of Sport Rehabilitation, 2018, 27, 138-143.	0.4	9
27	Magnitudes of muscle activation of spine stabilizers in healthy adults during prone on elbow planking exercises with and without a fitness ball. Physiotherapy Theory and Practice, 2018, 34, 212-222.	0.6	19
28	Plasma Sphingolipids are Associated With Gait Parameters in the Mayo Clinic Study of Aging. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2018, 73, 960-965.	1.7	19
29	Identifying Fall Risk of Patients Receiving Hematopoietic Cell Transplant. Rehabilitation Oncology, 2018, 36, 167-171.	0.2	2
30	ELECTROMYOGRAPHY OF THE HIP AND THIGH MUSCLES DURING TWO VARIATIONS OF THE LUNGE EXERCISE: A CROSS-SECTIONAL STUDY. International Journal of Sports Physical Therapy, 2018, 13, 137-142.	0.5	17
31	ELECTROMYOGRAPHY OF THE HIP AND THIGH MUSCLES DURING TWO VARIATIONS OF THE LUNGE EXERCISE: A CROSS-SECTIONAL STUDY. International Journal of Sports Physical Therapy, 2018, 13, 137-142.	0.5	11
32	Comparison of Diaphragm Thickness Measurements Among Postures Via Ultrasound Imaging. PM and R, 2017, 9, 21-25.	0.9	24
33	Electromyographic analysis of gluteus maximus and hamstring activity during the supine resisted hip extension exercise versus supine unilateral bridge to neutral. Physiotherapy Theory and Practice, 2017, 33, 124-130.	0.6	14
34	Cervical Traction for Managing Neck Pain: A Survey of Physical Therapists in the United States. Journal of Orthopaedic and Sports Physical Therapy, 2017, 47, 200-208.	1.7	9
35	Interpreting oblique impact data from an accelerometer-instrumented ice hockey helmet. Proceedings of the Institution of Mechanical Engineers, Part P: Journal of Sports Engineering and Technology, 2017, 231, 307-316.	0.4	5
36	Influence of Neck Laceration Protectors on Cervical Range of Motion. Clinical Journal of Sport Medicine, 2017, 27, 111-118.	0.9	1

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37	Variability of ischiofemoral space dimensions with changes in hip flexion: an MRI study. Skeletal Radiology, 2017, 46, 59-64.	1.2	16
38	Can Ultrasound Accurately Assess Ischiofemoral Space Dimensions? A Validation Study. PM and R, 2017, 9, 392-397.	0.9	17
39	Cerebral Amyloid Deposition Is Associated with Gait Parameters in the Mayo Clinic Study of Aging. Journal of the American Geriatrics Society, 2017, 65, 792-799.	1.3	41
40	Student Physical Therapists Achieve Similar Patient Outcomes as Licensed Physical Therapists. Journal, Physical Therapy Education, 2017, 31, 35-39.	0.3	2
41	Activation of Spinal Stabilizers and Shoulder Complex Muscles During an Inverted Row Using a Portable Pull-up Device and Body Weight Resistance. Journal of Strength and Conditioning Research, 2016, 30, 1933-1941.	1.0	7
42	Complexity, fractal dynamics and determinism in treadmill ambulation: Implications for clinical biomechanists. Clinical Biomechanics, 2016, 37, 91-97.	0.5	20
43	Comparison of Gait Parameters forÂPredicting Cognitive Decline: TheÂMayoÂClinic Study of Aging. Journal of Alzheimer's Disease, 2016, 55, 559-567.	1.2	79
44	Cervical Traction for Managing Neck Pain: A Survey of Physical Therapists in the United States. Journal of Orthopaedic and Sports Physical Therapy, 2016, , 1-39.	1.7	0
45	Ultrasound Evaluation of the Lower Trapezius in Adolescent Baseball Pitchers. PM and R, 2016, 8, 510-519.	0.9	7
46	A comparison of variability in spatiotemporal gait parameters between treadmill and overground walking conditions. Gait and Posture, 2016, 43, 204-209.	0.6	158
47	Life Space Assessment in Spinal Cord Injury. Topics in Spinal Cord Injury Rehabilitation, 2016, 22, 173-182.	0.8	20
48	Impact of foot progression angle modification on plantar loading in individuals with diabetes mellitus and peripheral neuropathy., 2016, 2, 15-23.		2
49	Evaluating Physical Therapist Students' Clinical Performance in Acute Care: A Retrospective Analysis Comparing Student-Treated and Staff-Treated Patient Outcomes After Total Knee Arthroplasty. Journal, Physical Therapy Education, 2015, 29, 32-42.	0.3	6
50	Magnitudes of gluteus medius muscle activation during standing hip joint movements in spiral-diagonal patterns using elastic tubing resistance. Physiotherapy Theory and Practice, 2015, 31, 410-417.	0.6	3
51	Magnitudes of muscle activation of spine stabilizers, gluteals, and hamstrings during supine bridge to neutral position. Physiotherapy Theory and Practice, 2015, 31, 418-427.	0.6	23
52	Lumbar Traction for Managing Low Back Pain: A Survey of Physical Therapists in the United States. Journal of Orthopaedic and Sports Physical Therapy, 2015, 45, 586-595.	1.7	42
53	Variability of the Ischiofemoral Space Relative to Femur Position: An Ultrasound Study. PM and R, 2015, 7, 930-937.	0.9	34
54	The modified gait abnormality rating scale in patients with a conversion disorder: A reliability and responsiveness study. Gait and Posture, 2015, 41, 125-129.	0.6	6

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55	Reliability of hip internal rotation range of motion measurement using a digital inclinometer. Knee Surgery, Sports Traumatology, Arthroscopy, 2015, 23, 2562-2567.	2.3	21
56	Reliability and accuracy of a goniometer mobile device application for video measurement of the functional movement screen deep squat test. International Journal of Sports Physical Therapy, 2015, 10, 37-44.	0.5	24
57	Effects of Examiner Strength on Reliability of Hip-Strength Testing Using a Handheld Dynamometer. Journal of Sport Rehabilitation, 2014, 23, 56-64.	0.4	53
58	Muscle Activation Levels of the Gluteus Maximus and Medius During Standing Hip-Joint-Strengthening Exercises Using Elastic-Tubing Resistance. Journal of Sport Rehabilitation, 2014, 23, 1-11.	0.4	18
59	Does Upper Limb Coordination Predict Walking Speed in Older Adults? A Cross-Sectional Study. Journal of Geriatric Physical Therapy, 2014, 37, 106-115.	0.6	1
60	Interprofessional Education. Current Sports Medicine Reports, 2014, 13, 291-292.	0.5	10
61	Frontal and transverse plane hip kinematics and gluteus maximus recruitment correlate with frontal plane knee kinematics during single-leg squat tests in women. Clinical Biomechanics, 2014, 29, 468-474.	0.5	72
62	Surface Electromyographic Analysis of Core Trunk and Hip Muscles During Selected Rehabilitation Exercises in the Side-Bridge to Neutral Spine Position. Sports Health, 2014, 6, 416-421.	1.3	26
63	Timed limb coordination performance is associated with walking speed in healthy older adults: A cross-sectional exploratory study. Gait and Posture, 2013, 38, 316-320.	0.6	6
64	Does the fast Fourier transformation window length affect the slope of an electromyogram's median frequency plot during a fatiguing isometric contraction?. Gait and Posture, 2013, 38, 161-164.	0.6	9
65	Use of individual feedback during human gross anatomy course for enhancing professional behaviors in doctor of physical therapy students. Anatomical Sciences Education, 2013, 6, 324-331.	2.5	23
66	Electromyographic analysis of trunk and hip muscles during resisted lateral band walking. Physiotherapy Theory and Practice, 2013, 29, 113-123.	0.6	15
67	Reliability of the dial test using a handheld inclinometer. Knee Surgery, Sports Traumatology, Arthroscopy, 2013, 21, 1011-1016.	2.3	15
68	Modulation of Frontal-Plane Knee Kinematics by Hip-Extensor Strength and Gluteus Maximus Recruitment During a Jump-Landing Task in Healthy Women. Journal of Sport Rehabilitation, 2013, 22, 184-190.	0.4	23
69	Subtle gait changes in patients with REM sleep behavior disorder. Movement Disorders, 2013, 28, 1847-1853.	2.2	53
70	Values for timed limb coordination tests in a sample of healthy older adults. Age and Ageing, 2012, 41, 803-807.	0.7	12
71	Hip and Pelvic Floor Muscle Strength in Women With and Without Stress Urinary Incontinence. Journal of Women's Health Physical Therapy, 2012, 36, 55-61.	0.5	13
72	Coordination Tests in Persons With Acute Central Nervous System Pathology. Journal of Neurologic Physical Therapy, 2012, 36, 122-130.	0.7	5

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73	Comparison of Muscle Activation Levels During Arm Abduction in the Plane of the Scapula vs. Proprioceptive Neuromuscular Facilitation Upper Extremity Patterns. Journal of Strength and Conditioning Research, 2012, 26, 1058-1065.	1.0	17
74	Relationship of Off-Ice and On-Ice Performance Measures in High School Male Hockey Players. Journal of Strength and Conditioning Research, 2012, 26, 1423-1430.	1.0	30
75	Effects of hip extensor fatigue on lower extremity kinematics during a jump-landing task in women: A controlled laboratory study. Clinical Biomechanics, 2012, 27, 903-909.	0.5	19
76	Accuracy of Ultrasoundâ€Guided and Palpationâ€Guided Knee Injections By an Experienced and Lessâ€Experienced Injector Using a Superolateral Approach: A Cadaveric Study. PM and R, 2011, 3, 507-515.	0.9	60
77	Normative spatiotemporal gait parameters in older adults. Gait and Posture, 2011, 34, 111-118.	0.6	552
78	Accuracy of Palpation-Guided and Ultrasound-Guided Needle Tip Placement Into the Deep and Superficial Posterior Leg Compartments. American Journal of Sports Medicine, 2011, 39, 1968-1974.	1.9	21
79	The Accuracy of Ultrasound-Guided and Palpation-Guided Peroneal Tendon Sheath Injections. American Journal of Physical Medicine and Rehabilitation, 2011, 90, 564-571.	0.7	44
80	Measurement of Ankle Dorsiflexion: A Comparison of Active and Passive Techniques in Multiple Positions. Journal of Sport Rehabilitation, 2011, 20, 333-344.	0.4	76
81	Learning of musculoskeletal ligament stress testing in a gross anatomy laboratory. Anatomical Sciences Education, 2011, 4, 357-361.	2.5	5
82	Anatomical Sciences Education Vol. 4, Issue 6, 2011 Cover Image. Anatomical Sciences Education, 2011, 4, n/a-n/a.	2.5	0
83	Gender Differences in Dual Task Gait Performance in Older Adults. American Journal of Men's Health, 2011, 5, 11-17.	0.7	50
84	Comparison of Muscle-Activation Patterns During the Conventional Push-Up and Perfect· Pushupâ,,¢ Exercises. Journal of Strength and Conditioning Research, 2010, 24, 3352-3362.	1.0	44
85	Surface Electromyographic Activation Patterns and Elbow Joint Motion During a Pull-Up, Chin-Up, or Perfect-Pullupâ,,¢ Rotational Exercise. Journal of Strength and Conditioning Research, 2010, 24, 3404-3414.	1.0	49
86	Functional Impact of White Matter Hyperintensities in Cognitively Normal Elderly Subjects. Archives of Neurology, 2010, 67, 1379-85.	4.9	146
87	Accuracy of Medial Foot Compartment Pressure Testing: A Comparison of Two Techniques. Foot and Ankle International, 2010, 31, 1001-1005.	1.1	5
88	Responsiveness of 2 Procedures for Measurement of Temporal and Spatial Gait Parameters in Older Adults. PM and R, 2010, 2, 537-543.	0.9	24
89	Accuracy of Ultrasoundâ€Guided versus Unguided Pes Anserinus Bursa Injections. PM and R, 2010, 2, 732-739.	0.9	48
90	Number of strides required for reliable measurements of pace, rhythm and variability parameters of gait during normal and dual task walking in older individuals. Gait and Posture, 2010, 32, 23-28.	0.6	167

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91	Usefulness of the Trendelenburg test for identification of patients with hip joint osteoarthritis. Physiotherapy Theory and Practice, 2010, 26, 184-194.	0.6	27
92	The efficacy of two modified proprioceptive neuromuscular facilitation stretching techniques in subjects with reduced hamstring muscle length. Physiotherapy Theory and Practice, 2010, 26, 240-250.	0.6	32
93	Intrarater and Interrater Reliability of the Balance Error Scoring System (BESS). PM and R, 2009, 1, 50-54.	0.9	214
94	Electromyographic Analysis of the Gluteus Medius in Five Weight-Bearing Exercises. Journal of Strength and Conditioning Research, 2009, 23, 2689-2694.	1.0	58
95	Relationships between Knee Valgus, Hip-Muscle Strength, and Hip-Muscle Recruitment during a Single-Limb Step-Down. Journal of Sport Rehabilitation, 2009, 18, 104-117.	0.4	158
96	Changes in Active Ankle Dorsiflexion Range of Motion after Acute Inversion Ankle Sprain. Journal of Sport Rehabilitation, 2009, 18, 358-374.	0.4	50
97	Age-related differences in dual task walking: a cross sectional study. Journal of NeuroEngineering and Rehabilitation, 2008, 5, 29.	2.4	100
98	Interprofessional education in gross anatomy: Experience with firstâ€year medical and physical therapy students at Mayo Clinic. Anatomical Sciences Education, 2008, 1, 258-263.	2.5	60
99	Determining meaningful changes in hip abductor muscle strength obtained by handheld dynamometry. Physiotherapy Theory and Practice, 2008, 24, 215-220.	0.6	16
100	Minimum Detectable Change in Gait Velocity during Acute Rehabilitation following Hip Fracture. Journal of Geriatric Physical Therapy, 2008, 31, 53-56.	0.6	76
101	Validity of Hamstring Muscle Length Assessment during the Sit-and-Reach Test Using an Inclinometer to Measure Hip Joint Angle. Journal of Strength and Conditioning Research, 2008, 22, 303-309.	1.0	20
102	Retrospective analysis of the behavioral interview and other preadmission variables to predict licensure examination outcomes in physical therapy. Journal of Allied Health, 2008, 37, 97-104.	0.2	9
103	Determining Meaningful Changes in Pelvic-On-Femoral Position during the Trendelenburg Test. Journal of Sport Rehabilitation, 2007, 16, 326-335.	0.4	24
104	Influence of Lever Arm and Stabilization on Measures of Hip Abduction and Adduction Torque Obtained by Hand-Held Dynamometry. Archives of Physical Medicine and Rehabilitation, 2007, 88, 37-42.	0.5	91
105	Age-related differences in spatiotemporal markers of gait stability during dual task walking. Gait and Posture, 2007, 26, 113-119.	0.6	336
106	Does walking in a virtual environment induce unstable gait?. Gait and Posture, 2007, 26, 289-294.	0.6	62
107	Perceived Usefulness of Reciprocal Peer Teaching Among Doctor of Physical Therapy Students in the Gross Anatomy Laboratory. Journal, Physical Therapy Education, 2007, 21, 30-38.	0.3	25
108	The Contribution of Golf to Daily Physical Activity Recommendations: How Many Steps Does It Take to Complete a Round of Golf?. Mayo Clinic Proceedings, 2006, 81, 1041-1043.	1.4	36

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109	The effects of gender, age, and body mass index on standing lumbar curvature in persons without current low back pain. Physiotherapy Theory and Practice, 2006, 22, 229-237.	0.6	49
110	Agreement Between the GAITRite Walkway System and a Stopwatch–Footfall Count Method for Measurement of Temporal and Spatial Gait Parameters. Archives of Physical Medicine and Rehabilitation, 2006, 87, 1648-1652.	0.5	48
111	Spatiotemporal gait deviations in a virtual reality environment. Gait and Posture, 2006, 23, 441-444.	0.6	74
112	Hip-Abductor Muscle Performance in Participants after 45 Seconds of Resisted Sidestepping Using an Elastic Band. Journal of Sport Rehabilitation, 2006, 15, 1-11.	0.4	7
113	The Influence of Gender and Age on Hamstring Muscle Length in Healthy Adults. Journal of Orthopaedic and Sports Physical Therapy, 2005, 35, 246-252.	1.7	106
114	Abdominal Muscle Performance as Measured by the Double Leg-Lowering Test. Archives of Physical Medicine and Rehabilitation, 2005, 86, 1345-1348.	0.5	41
115	Comparison of Muscle Activation Using Various Hand Positions During the Push-Up Exercise. Journal of Strength and Conditioning Research, 2005, 19, 628.	1.0	52
116	Age-Related Differences in Stride-to-Stride Variability During Dual Task Walking: A Pilot Study. Journal of Geriatric Physical Therapy, 2004, 27, 83-87.	0.6	20
117	Passive hip rotation range of motion: effects of testing position and age in runners and non-runners. Physiotherapy Theory and Practice, 2003, 19, 77-86.	0.6	8
118	Title is missing!. Spine, 2003, 28, E136-E139.	1.0	2
119	Gender Differences in Surface Rolling and Gliding Kinematics of the Knee. Clinical Orthopaedics and Related Research, 2003, 413, 208-221.	0.7	19
120	Tibiofemoral Joint-Surface Motions in Weight-Bearing and Non-Weight-Bearing Movement. Journal of Sport Rehabilitation, 2003, 12, 143-161.	0.4	2
121	Knee Joint Movements in Subjects Without Knee Pathology and Subjects With Injured Anterior Cruciate Ligaments. Physical Therapy, 2002, 82, 960-972.	1.1	20
122	Videographic Determination of Instantaneous Center of Rotation Using a Hinge Joint Model. Journal of Orthopaedic and Sports Physical Therapy, 1999, 29, 463-469.	1.7	3