

# Peter C Fino

## List of Publications by Year in descending order

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Version: 2024-02-01

43  
papers

1,303  
citations

361045

20  
h-index

377514

34  
g-index

50  
all docs

50  
docs citations

50  
times ranked

1110  
citing authors

#	ARTICLE	IF	CITATIONS
1	Validity of Mobility Lab (version 2) for gait assessment in young adults, older adults and Parkinsonâ€™s disease. <i>Physiological Measurement</i> , 2019, 40, 095003.	1.2	122
2	Cortical activity during walking and balance tasks in older adults and in people with Parkinsonâ€™s disease: A structured review. <i>Maturitas</i> , 2018, 113, 53-72.	1.0	115
3	Detecting gait abnormalities after concussion or mild traumatic brain injury: A systematic review of single-task, dual-task, and complex gait. <i>Gait and Posture</i> , 2018, 62, 157-166.	0.6	109
4	Sensor-Based Balance Measures Outperform Modified Balance Error Scoring System in Identifying Acute Concussion. <i>Annals of Biomedical Engineering</i> , 2017, 45, 2135-2145.	1.3	79
5	Concussed athletes walk slower than non-concussed athletes during cognitive-motor dual-task assessments but not during single-task assessments 2 months after sports concussion: a systematic review and meta-analysis using individual participant data. <i>British Journal of Sports Medicine</i> , 2020, 54, 94-101.	3.1	63
6	A preliminary study of longitudinal differences in local dynamic stability between recently concussed and healthy athletes during single and dual-task gait. <i>Journal of Biomechanics</i> , 2016, 49, 1983-1988.	0.9	59
7	Locomotor deficits in recently concussed athletes and matched controls during single and dual-task turning gait: preliminary results. <i>Journal of NeuroEngineering and Rehabilitation</i> , 2016, 13, 65.	2.4	51
8	Effects of Recent Concussion and Injury History on Instantaneous Relative Risk of Lower Extremity Injury in Division I Collegiate Athletes. <i>Clinical Journal of Sport Medicine</i> , 2019, 29, 218-223.	0.9	50
9	Decreased high-frequency center-of-pressure complexity in recently concussed asymptomatic athletes. <i>Gait and Posture</i> , 2016, 50, 69-74.	0.6	42
10	Use of the margin of stability to quantify stability in pathologic gait â€“ a qualitative systematic review. <i>BMC Musculoskeletal Disorders</i> , 2021, 22, 597.	0.8	42
11	Comparing Postural Stability Entropy Analyses to Differentiate Fallers and Non-fallers. <i>Annals of Biomedical Engineering</i> , 2016, 44, 1636-1645.	1.3	40
12	Abnormal Turning and Its Association with Self-Reported Symptoms in Chronic Mild Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2018, 35, 1167-1177.	1.7	37
13	Assessment and rehabilitation of central sensory impairments for balance in mTBI using auditory biofeedback: a randomized clinical trial. <i>BMC Neurology</i> , 2017, 17, 41.	0.8	35
14	Implementation of a Central Sensorimotor Integration Test for Characterization of Human Balance Control During Stance. <i>Frontiers in Neurology</i> , 2018, 9, 1045.	1.1	32
15	Required coefficient of friction during turning at self-selected slow, normal, and fast walking speeds. <i>Journal of Biomechanics</i> , 2014, 47, 1395-1400.	0.9	30
16	Postural sway, falls, and self-reported neuropathy in aging female cancer survivors. <i>Gait and Posture</i> , 2019, 69, 136-142.	0.6	28
17	Classifying Step and Spin Turns Using Wireless Gyroscopes and Implications for Fall Risk Assessments. <i>Sensors</i> , 2015, 15, 10676-10685.	2.1	27
18	Longitudinal Assessment of Balance and Gait After Concussion and Return to Play in Collegiate Athletes. <i>Journal of Athletic Training</i> , 2019, 54, 429-438.	0.9	27

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19	Gait Stability Has Phase-Dependent Dual-Task Costs in Parkinson's Disease. <i>Frontiers in Neurology</i> , 2018, 9, 373.	1.1	26
20	Gait measurement in chronic mild traumatic brain injury: A model approach. <i>Human Movement Science</i> , 2020, 69, 102557.	0.6	25
21	Speeding Up Gait in Parkinson's Disease. <i>Journal of Parkinson's Disease</i> , 2020, 10, 245-253.	1.5	21
22	Analysis of Free-Living Mobility in People with Mild Traumatic Brain Injury and Healthy Controls: Quality over Quantity. <i>Journal of Neurotrauma</i> , 2020, 37, 139-145.	1.7	21
23	Corner height influences center of mass kinematics and path trajectory during turning. <i>Journal of Biomechanics</i> , 2015, 48, 104-112.	0.9	19
24	The Sensor Technology and Rehabilitative Timing (START) Protocol: A Randomized Controlled Trial for the Rehabilitation of Mild Traumatic Brain Injury. <i>Physical Therapy</i> , 2020, 100, 687-697.	1.1	18
25	Exploring persistent complaints of imbalance after mTBI: Oculomotor, peripheral vestibular and central sensory integration function. <i>Journal of Vestibular Research: Equilibrium and Orientation</i> , 2021, 31, 519-530.	0.8	17
26	Validation of a velocity-based algorithm to quantify saccades during walking and turning in mild traumatic brain injury and healthy controls. <i>Physiological Measurement</i> , 2019, 40, 044006.	1.2	16
27	Inertial Sensors Reveal Subtle Motor Deficits When Walking With Horizontal Head Turns After Concussion. <i>Journal of Head Trauma Rehabilitation</i> , 2019, 34, E74-E81.	1.0	16
28	Gait Performance in People with Symptomatic, Chronic Mild Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2021, 38, 218-224.	1.7	16
29	Inertial Sensor-Based Centripetal Acceleration as a Correlate for Lateral Margin of Stability During Walking and Turning. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2020, 28, 629-636.	2.7	15
30	The feasibility of using virtual reality to induce mobility-related anxiety during turning. <i>Gait and Posture</i> , 2020, 77, 6-13.	0.6	15
31	Validation of an Inertial Sensor Algorithm to Quantify Head and Trunk Movement in Healthy Young Adults and Individuals with Mild Traumatic Brain Injury. <i>Sensors</i> , 2018, 18, 4501.	2.1	14
32	Head stabilization during standing in people with persisting symptoms after mild traumatic brain injury. <i>Journal of Biomechanics</i> , 2020, 112, 110045.	0.9	13
33	The direction of postural threat alters balance control when standing at virtual elevation. <i>Experimental Brain Research</i> , 2020, 238, 2653-2663.	0.7	13
34	Objective Dual-Task Turning Measures for Return-to-Duty Assessment After Mild Traumatic Brain Injury: The ReTURN Study Protocol. <i>Frontiers in Neurology</i> , 2020, 11, 544812.	1.1	11
35	Phase-Dependent Effects of Closed-Loop Tactile Feedback on Gait Stability in Parkinson's Disease. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2020, 28, 1636-1641.	2.7	8
36	Reactive Postural Responses After Mild Traumatic Brain Injury and Their Association With Musculoskeletal Injury Risk in Collegiate Athletes: A Study Protocol. <i>Frontiers in Sports and Active Living</i> , 2020, 2, 574848.	0.9	8

#	ARTICLE	IF	CITATIONS
37	Inflection points in longitudinal models: Tracking recovery and return to play following concussion. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2018, 28, 2436-2442.	1.3	6
38	Control of Linear Head and Trunk Acceleration During Gait After Unilateral Vestibular Deficits. <i>Archives of Physical Medicine and Rehabilitation</i> , 2021, 102, 456-462.	0.5	5
39	Anticipatory and reactive responses to underfoot perturbations during gait in healthy adults and individuals with a recent mild traumatic brain injury. <i>Clinical Biomechanics</i> , 2021, 90, 105496.	0.5	4
40	Between-site equivalence of turning speed assessments using inertial measurement units. <i>Gait and Posture</i> , 2021, 90, 245-251.	0.6	3
41	Interadministrator Reliability of a Modified Instrumented Push and Release Test of Reactive Balance. <i>Journal of Sport Rehabilitation</i> , 2022, 31, 517-523.	0.4	3
42	Development of automated gait assessment algorithm using three inertial sensors and its reliability. <i>Biomedical Sciences Instrumentation</i> , 2014, 50, 297-306.	0.2	1
43	Sensory Phenotypes for Balance Dysfunction After Mild Traumatic Brain Injury. <i>Neurology</i> , 2022, 99, .	1.5	1