

# Lucy Parrington

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1680819/publications.pdf>

Version: 2024-02-01

40  
papers

583  
citations

623734

14  
h-index

713466

21  
g-index

42  
all docs

42  
docs citations

42  
times ranked

580  
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	1.4	109
2	Abnormal Turning and Its Association with Self-Reported Symptoms in Chronic Mild Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2018, 35, 1167-1177.	3.4	37
3	Implementation of a Central Sensorimotor Integration Test for Characterization of Human Balance Control During Stance. <i>Frontiers in Neurology</i> , 2018, 9, 1045.	2.4	32
4	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.	1.8	27
5	Did you see that? Dissociating advanced visual information and ball flight constrains perception and action processes during one-handed catching. <i>Acta Psychologica</i> , 2013, 142, 394-401.	1.5	26
6	Gait measurement in chronic mild traumatic brain injury: A model approach. <i>Human Movement Science</i> , 2020, 69, 102557.	1.4	25
7	The impact of technology on elite sports performance. <i>Sensoria A Journal of Mind Brain and Culture</i> , 2016, 12, .	0.6	23
8	Thinking about your running movement makes you less efficient: attentional focus effects on running economy and kinematics. <i>Journal of Sports Sciences</i> , 2019, 37, 638-646.	2.0	21
9	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.	3.4	21
10	The Measurement of Eye Movements in Mild Traumatic Brain Injury: A Structured Review of an Emerging Area. <i>Frontiers in Sports and Active Living</i> , 2020, 2, 5.	1.8	19
11	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.	2.4	18
12	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.	2.0	17
13	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.	2.1	16
14	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.	1.7	16
15	Gait Performance in People with Symptomatic, Chronic Mild Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2021, 38, 218-224.	3.4	16
16	Not All Athletes Are Equal, But Don't Call Me an Exerciser: Response to Araujo and Scharhag <sup>1</sup> . <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2017, 27, 904-906.	2.9	14
17	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.	3.8	14
18	Head stabilization during standing in people with persisting symptoms after mild traumatic brain injury. <i>Journal of Biomechanics</i> , 2020, 112, 110045.	2.1	13

#	ARTICLE	IF	CITATIONS
19	Movement disorders and motor impairments following repeated head trauma: A systematic review of the literature 1990–2015. <i>Brain Injury</i> , 2016, 30, 937-947.	1.2	11
20	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.	2.4	11
21	Game-based analysis of handballing in Australian Football. <i>International Journal of Performance Analysis in Sport</i> , 2013, 13, 759-772.	1.1	10
22	Kinematics of preferred and non-preferred handballing in Australian football. <i>Journal of Sports Sciences</i> , 2015, 33, 20-28.	2.0	9
23	Do as I say: contradicting beliefs and attitudes towards sports concussion in Australia. <i>Journal of Sports Sciences</i> , 2017, 35, 1911-1919.	2.0	9
24	Biomechanical Considerations of Laterality in Sport. , 2016, , 279-308.		8
25	Biomechanical characteristics of handballing maximally in Australian football. <i>Sports Biomechanics</i> , 2014, 13, 307-319.	1.6	7
26	Kinematic effects of a short-term fatigue protocol on punt-kicking performance. <i>Journal of Sports Sciences</i> , 2015, 33, 1596-1605.	2.0	7
27	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.	2.9	6
28	Understanding the effects of cognitive tasks on physical performance: a constraints framework to guide further research. <i>International Review of Sport and Exercise Psychology</i> , 2023, 16, 584-618.	5.7	6
29	Validity and inter-device reliability of dominant and non-dominant wrist worn activity trackers in suburban walking. <i>Sensoria A Journal of Mind Brain and Culture</i> , 2016, 12, .	0.6	6
30	Instrumented balance assessment in mild traumatic brain injury: Normative values and descriptive data for acute, sub-acute and chronic populations. <i>Journal of Concussion</i> , 2020, 4, 205970022097560.	0.6	5
31	How Task Complexity and Stimulus Modality Affect Motor Execution: Target Accuracy, Response Timing and Hesitations. <i>Journal of Motor Behavior</i> , 2015, 47, 343-351.	0.9	4
32	Kinematics of a striking task: accuracy and speed–accuracy considerations. <i>Journal of Sports Sciences</i> , 2015, 33, 346-357.	2.0	4
33	Between-site equivalence of turning speed assessments using inertial measurement units. <i>Gait and Posture</i> , 2021, 90, 245-251.	1.4	3
34	Symptoms and Central Sensory Integration in People With Chronic mTBI: Clinical Implications. <i>Military Medicine</i> , 2023, 188, 3553-3560.	0.8	3
35	Sports Stars: Analyzing the Performance of Astronomers at Visualization-based Discovery. <i>Publications of the Astronomical Society of the Pacific</i> , 2017, 129, 058009.	3.1	2
36	Exploring Vestibular Ocular Motor Screening in Adults With Persistent Complaints After Mild Traumatic Brain Injury. <i>Journal of Head Trauma Rehabilitation</i> , 2022, 37, E346-E354.	1.7	2

#	ARTICLE	IF	CITATIONS
37	Free-living gait does not differentiate chronic mTBI patients compared to healthy controls. Journal of NeuroEngineering and Rehabilitation, 2022, 19, .	4.6	2
38	Ward, rehabilitation, and clinic-based wearable devices. , 2021, , 61-72.		1
39	Saccade and Fixation Eye Movements During Walking in People With Mild Traumatic Brain Injury. Frontiers in Bioengineering and Biotechnology, 2021, 9, 701712.	4.1	1
40	Do sensorimotor control properties mediate sway in people with chronic balance complaints following mTBI?. Gait and Posture, 2022, 96, 173-178.	1.4	1