

Kara Kathleen Patterson

List of Publications by Year in descending order

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Version: 2024-02-01

62
papers

2,300
citations

535685

17
h-index

252626

46
g-index

67
all docs

67
docs citations

67
times ranked

2351
citing authors

#	ARTICLE	IF	CITATIONS
1	Physiotherapy students' perspectives on the use and implementation of exoskeletons as a rehabilitative technology in clinical settings. <i>Disability and Rehabilitation: Assistive Technology</i> , 2022, 17, 840-847.	1.3	4
2	The Effect of Rhythm Abilities on Metronome-Cued Walking with an Induced Temporal Gait Asymmetry in Neurotypical Adults. <i>Journal of Motor Behavior</i> , 2022, 54, 267-280.	0.5	1
3	Technical Note: Quantifying music-dance synchrony during salsa dancing with a deep learning-based 2D pose estimator. <i>Journal of Biomechanics</i> , 2022, 141, 111178.	0.9	2
4	Structuring community-based adapted dance programs for persons post-stroke: a qualitative study. <i>Disability and Rehabilitation</i> , 2021, 43, 2621-2631.	0.9	9
5	Effects of therapeutic instrumental music performance and motor imagery on chronic post-stroke cognition and affect: A randomized controlled trial. <i>NeuroRehabilitation</i> , 2021, 48, 195-208.	0.5	13
6	Feasibility of a rhythmic auditory stimulation gait training program in community-dwelling adults after TBI: A case report. <i>NeuroRehabilitation</i> , 2021, 48, 221-230.	0.5	2
7	Analyzing the Eye Gaze Behaviour of Students and Experienced Physiotherapists during Observational Movement Analysis. <i>Physiotherapy Canada Physiotherapie Canada</i> , 2021, 73, 129-135.	0.3	0
8	Study Paradigms and Principles Investigated in Motor Learning Research After Stroke: A Scoping Review. <i>Archives of Rehabilitation Research and Clinical Translation</i> , 2021, 3, 100111.	0.5	6
9	The effect of frequency of feedback on overground temporal gait asymmetry post stroke. <i>Topics in Stroke Rehabilitation</i> , 2021, , 1-10.	1.0	2
10	Perceptions of an over-ground induced temporal gait asymmetry by healthy young adults. <i>Human Movement Science</i> , 2021, 78, 102806.	0.6	6
11	Influence of Multiple Sclerosis on Spatiotemporal Gait Parameters: A Systematic Review and Meta-Regression. <i>Archives of Physical Medicine and Rehabilitation</i> , 2021, 102, 1801-1815.	0.5	14
12	Therapeutic Instrumental Music Training and Motor Imagery in Post-Stroke Upper-Extremity Rehabilitation: A Randomized-Controlled Pilot Study. <i>Archives of Rehabilitation Research and Clinical Translation</i> , 2021, 3, 100162.	0.5	6
13	Clinician's Commentary on Bruyneel and Dub�. <i>Physiotherapy Canada Physiotherapie Canada</i> , 2021, 73, 341-342.	0.3	0
14	Longitudinal change in spatiotemporal gait symmetry after discharge from inpatient stroke rehabilitation. <i>Disability and Rehabilitation</i> , 2020, 42, 705-711.	0.9	20
15	Investigating Visual Spatial Abilities in Students and Expert Physical Therapists. <i>Physiotherapy Canada Physiotherapie Canada</i> , 2020, 72, 132-136.	0.3	0
16	The effects of postural threat induced by a virtual environment on performance of a walking balance task. <i>Human Movement Science</i> , 2020, 74, 102712.	0.6	4
17	Exoskeleton use in post-stroke gait rehabilitation: a qualitative study of the perspectives of persons post-stroke and physiotherapists. <i>Journal of NeuroEngineering and Rehabilitation</i> , 2020, 17, 123.	2.4	26
18	An Initial Investigation of the Responsiveness of Temporal Gait Asymmetry to Rhythmic Auditory Stimulation and the Relationship to Rhythm Ability Following Stroke. <i>Frontiers in Neurology</i> , 2020, 11, 517028.	1.1	6

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19	Lower limb muscle activity underlying temporal gait asymmetry post-stroke. <i>Clinical Neurophysiology</i> , 2020, 131, 1848-1858.	0.7	24
20	Real-Time Avatar-Based Feedback to Enhance the Symmetry of Spatiotemporal Parameters After Stroke: Instantaneous Effects of Different Avatar Views. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2020, 28, 878-887.	2.7	19
21	Changes in Oxyhemoglobin Concentration in the Prefrontal Cortex during Cognitive-Motor Dual Tasks in People with Chronic Obstructive Pulmonary Disease. <i>COPD: Journal of Chronic Obstructive Pulmonary Disease</i> , 2020, 17, 289-296.	0.7	10
22	A Framework for Mapping and Controlling Exoskeleton Gait Patterns in Both Simulation and Real-World. , 2020, , .		3
23	Important Movement Concepts: Clinical Versus Neuroscience Perspectives. <i>Motor Control</i> , 2019, 23, 273-293.	0.3	3
24	Effects of real-time visual feedback in the form of a virtual avatar on symmetry and other parameters of gait post stroke. , 2019, , .		1
25	“Let’s Boogie” <i>Journal of Cardiopulmonary Rehabilitation and Prevention</i> , 2019, 39, E14-E19.	1.2	14
26	Oxyhemoglobin changes in the prefrontal cortex in response to cognitive tasks: a systematic review. <i>International Journal of Neuroscience</i> , 2019, 129, 194-202.	0.8	21
27	Transitions sit to stand and stand to sit in persons post-stroke: Path of centre of mass, pelvic and limb loading “ A pilot study. <i>Clinical Biomechanics</i> , 2019, 61, 22-30.	0.5	11
28	Physiotherapy practice patterns in gait rehabilitation for adults with acquired brain injury. <i>Brain Injury</i> , 2019, 33, 333-348.	0.6	9
29	Dance for the rehabilitation of balance and gait in adults with neurological conditions other than Parkinson’s disease: A systematic review. <i>Heliyon</i> , 2018, 4, e00584.	1.4	59
30	Rhythm Perception and Production Abilities and Their Relationship to Gait After Stroke. <i>Archives of Physical Medicine and Rehabilitation</i> , 2018, 99, 945-951.	0.5	10
31	Validity of the ActiGraph activity monitor for individuals who walk slowly post-stroke. <i>Topics in Stroke Rehabilitation</i> , 2018, 25, 295-304.	1.0	31
32	Lessons about Motor Learning: How Is Motor Learning Taught in Physical Therapy Programmes Across Canada?. <i>Physiotherapy Canada Physiotherapie Canada</i> , 2018, 70, 365-372.	0.3	8
33	A dance program to improve gait and balance in individuals with chronic stroke: a feasibility study. <i>Topics in Stroke Rehabilitation</i> , 2018, 25, 1-7.	1.0	24
34	Conceptualizing movement by expert Bobath instructors in neurological rehabilitation. <i>Journal of Evaluation in Clinical Practice</i> , 2017, 23, 1153-1163.	0.9	13
35	Mixture-Model Clustering of Pathological Gait Patterns. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2017, 21, 1297-1305.	3.9	17
36	Can augmented feedback facilitate learning a reactive balance task among older adults?. <i>Experimental Brain Research</i> , 2017, 235, 293-304.	0.7	17

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37	A Retrospective Analysis of Post-Stroke Berg Balance Scale Scores: How Should Normal and At-Risk Scores Be Interpreted?. <i>Physiotherapy Canada Physiotherapie Canada</i> , 2017, 69, 142-149.	0.3	10
38	Arthritis and associated limitations in community-dwelling Canadians living with stroke. <i>BMC Neurology</i> , 2016, 16, 114.	0.8	4
39	A novel bilateral lower extremity mirror therapy intervention for individuals with stroke. <i>Heliyon</i> , 2016, 2, e00208.	1.4	6
40	The relationship of plantar cutaneous sensation and standing balance post-stroke. <i>Topics in Stroke Rehabilitation</i> , 2016, 23, 326-332.	1.0	22
41	Knee loading patterns of the non-paretic and paretic legs during post-stroke gait. <i>Gait and Posture</i> , 2016, 49, 297-302.	0.6	20
42	Development of a Questionnaire to Investigate Study Design Factors Influencing Participation in Gait Rehabilitation Research by People with Stroke: A Brief Report. <i>Physiotherapy Canada Physiotherapie Canada</i> , 2015, 67, 240-244.	0.3	1
43	Longitudinal Changes in Poststroke Spatiotemporal Gait Asymmetry Over Inpatient Rehabilitation. <i>Neurorehabilitation and Neural Repair</i> , 2015, 29, 153-162.	1.4	80
44	Does Perturbation-Based Balance Training Prevent Falls? Systematic Review and Meta-Analysis of Preliminary Randomized Controlled Trials. <i>Physical Therapy</i> , 2015, 95, 700-709.	1.1	199
45	Relationship between asymmetry of quiet standing balance control and walking post-stroke. <i>Gait and Posture</i> , 2014, 39, 177-181.	0.6	136
46	Mirror Therapy for the Lower-Extremities Post-Stroke: A Case Series. <i>Archives of Physical Medicine and Rehabilitation</i> , 2014, 95, e23.	0.5	1
47	Relationship Between Step Length, Cadence and Capacity to Increase Gait Velocity After Recent Stroke. <i>Archives of Physical Medicine and Rehabilitation</i> , 2014, 95, e31-e32.	0.5	2
48	Impact of Spasticity and Cognitive Dual-Task on Gait Variability and Asymmetry in Adults With Neurological Disorders. <i>Archives of Physical Medicine and Rehabilitation</i> , 2014, 95, e86.	0.5	2
49	Development of a Community Ambulation Questionnaire for Individuals Post-stroke. <i>Archives of Physical Medicine and Rehabilitation</i> , 2014, 95, e27.	0.5	0
50	The Impact of Botulinum Toxin and Upper Limb Rehabilitation on Spasticity, Function and Pain: A Systematic Review. <i>Archives of Physical Medicine and Rehabilitation</i> , 2014, 95, e24-e25.	0.5	0
51	Clinician's Commentary on Fleet et al.. <i>Physiotherapy Canada Physiotherapie Canada</i> , 2014, 66, 72-73.	0.3	0
52	Rehabilitation Research: Who Is Participating?. <i>Physiotherapy Canada Physiotherapie Canada</i> , 2013, 65, 201-202.	0.3	6
53	La recherche en r�adaptation: Qui y participe?. <i>Physiotherapy Canada Physiotherapie Canada</i> , 2013, 65, 202-203.	0.3	0
54	Gait symmetry and velocity differ in their relationship to age. <i>Gait and Posture</i> , 2012, 35, 590-594.	0.6	81

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55	Changes in Gait Symmetry and Velocity After Stroke: A Cross-Sectional Study From Weeks to Years After Stroke. <i>Neurorehabilitation and Neural Repair</i> , 2010, 24, 783-790.	1.4	149
56	Evaluation of gait symmetry after stroke: A comparison of current methods and recommendations for standardization. <i>Gait and Posture</i> , 2010, 31, 241-246.	0.6	521
57	Association Between Gait Asymmetry and Brain Lesion Location in Stroke Patients. <i>Stroke</i> , 2009, 40, 537-544.	1.0	112
58	Changes in spatiotemporal gait variables over time during a test of functional capacity after stroke. <i>Journal of NeuroEngineering and Rehabilitation</i> , 2009, 6, 27.	2.4	39
59	Clinician's Commentary. <i>Physiotherapy Canada Physiotherapie Canada</i> , 2009, 61, 161-162.	0.3	3
60	Gait Asymmetry in Community-Ambulating Stroke Survivors. <i>Archives of Physical Medicine and Rehabilitation</i> , 2008, 89, 304-310.	0.5	487
61	Poster 45: Feasibility of a Rehabilitation Intervention to Influence Gait Symmetry in Subacute Ambulatory Stroke Patients. <i>Archives of Physical Medicine and Rehabilitation</i> , 2008, 89, e39-e40.	0.5	1
62	Prefrontal Cortex Activity during Dual Task Performance: A Functional Neuroimaging Study. <i>Frontiers in Human Neuroscience</i> , 0, 12, .	1.0	0