Carol Lillian Richards

List of Publications by Year
in descending order

94 papers	7,563 citations	57681 46 h-index	60403 85 g-index
95 all docs	95 docs citations	95 times ranked	6598 citing authors

#	Article	IF	Citations
1	Benchmarking length of stay for inpatient stroke rehabilitation without adversely affecting functional outcomes. Journal of Rehabilitation Medicine, 2020, 52, jrm00113.	0.8	3
2	Recovery of Sensorimotor Functional Outcomes at Discharge from In-Patient Rehabilitation in Three Stroke Units in the Province of Quebec. Physiotherapy Canada Physiotherapie Canada, 2020, 72, 158-168.	0.3	2
3	Is Cerebral Palsy Changing in High Resource Settings? Data From the Quebec Cerebral Palsy Registry. Journal of Child Neurology, 2019, 34, 567-573.	0.7	2
4	Lâ€™Association canadienne de physiothÃ©rapie joue-t-elle son rÃ1e dans la promotion de la recherche?. Physiotherapy Canada Physiotherapie Canada, 2019, 71, 306-308.	0.3	2
5	Is the Canadian Physiotherapy Association Fulfilling Its Role in Promoting Research?. Physiotherapy Canada Physiotherapie Canada, 2019, 71, 303-305.	0.3	0
6	Development, Implementation, and Clinician Adherence to a Standardized Assessment Toolkit for Sensorimotor Rehabilitation after Stroke. Physiotherapy Canada Physiotherapie Canada, 2019, 71, 43-55.	0.3	11
7	Six hours of task-oriented training optimizes walking competency post stroke: a randomized controlled trial in the public health-care system of South Africa. Clinical Rehabilitation, 2018, 32, 1057-1068.	1.0	13
8	Converting Functional Autonomy Measurement System Scores of Patients Post-Stroke to FIM Scores. Physiotherapy Canada Physiotherapie Canada, 2018, 70, 349-355.	0.3	1
9	Amount and Content of Sensorimotor Therapy Delivered in Three Stroke Rehabilitation Units in Quebec, Canada. Physiotherapy Canada Physiotherapie Canada, 2018, 70, 120-132.	0.3	4
10	Gait Training after Stroke on a Self-Paced Treadmill with and without Virtual Environment Scenarios: A Proof-of-Principle Study. Physiotherapy Canada Physiotherapie Canada, 2018, 70, 221-230.	0.3	12
11	Perspectives of health care professionals on the facilitators and barriers to the implementation of a stroke rehabilitation guidelines cluster randomized controlled trial. BMC Health Services Research, 2017, 17, 440.	0.9	51
12	A Virtual Reality avatar interaction (VRai) platform to assess residual executive dysfunction in active military personnel with previous mild traumatic brain injury: proof of concept. Disability and Rehabilitation: Assistive Technology, 2017, 12, 758-764.	1.3	37
13	Facilitated interprofessional implementation of a physical rehabilitation guideline for stroke in inpatient settings: process evaluation of a cluster randomized trial. Implementation Science, 2017, 12, 100.	2.5	30
14	Cardiorespiratory fitness and cognitive functioning following short-term interventions in chronic stroke survivors with cognitive impairment: a pilot study. International Journal of Rehabilitation Research, 2016, 39, 153-159.	0.7	18
15	Comparison of kinetic strategies for avoidance of an obstacle with either the paretic or non-paretic as leading limb in persons post stroke. Gait and Posture, 2015, 42, 329-334.	0.6	6
16	Stroke rehabilitation. Progress in Brain Research, 2015, 218, 253-280.	0.9	46
17	Getting on with the rest of your life following stroke: a randomized trial of a complex intervention aimed at enhancing life participation post stroke. Clinical Rehabilitation, 2015, 29, 1198-1211.	1.0	67
18	Effects of walking with loads above the ankle on gait parameters of persons with hemiparesis after stroke. Clinical Biomechanics, 2014, 29, 265-271.	0.5	15

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19	Modifications in ankle dorsiflexor activation by applying a torque perturbation during walking in persons post-stroke: a case series. Journal of NeuroEngineering and Rehabilitation, 2014, 11, 98.	2.4	19
20	Cerebral palsy. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2013, 111, 183-195.	1.0	137
21	Use of Segmental Coordination Analysis of Nonparetic and Paretic Limbs During Obstacle Clearance in Communityâ€Dwelling Persons After Stroke. PM and R, 2013, 5, 381-391.	0.9	14
22	Maximal Cardiorespiratory Fitness Testing in Individuals With Chronic Stroke With Cognitive Impairment: Practice Test Effects and Test-Retest Reliability. Archives of Physical Medicine and Rehabilitation, 2013, 94, 2277-2282.	0.5	8
23	Clinical Applications of Motor Imagery in Rehabilitation. , 2013, , 397-419.		10
24	Optimiser la rÃ©cupÃ©ration locomotrice par lâ€™imagerie motrice. Movement and Sports Sciences - Science Et Motricite, 2013, , 129-141.	0.2	1
25	Towards the integration of mental practice in rehabilitation programs. A critical review. Frontiers in Human Neuroscience, 2013, 7, 576.	1.0	136
26	The comparison between motor imagery and verbal rehearsal on the learning of sequential movements. Frontiers in Human Neuroscience, 2013, 7, 773.	1.0	19
27	Barriers to implementation of stroke rehabilitation evidence: findings from a multi-site pilot project. Disability and Rehabilitation, 2012, 34, 1633-1638.	0.9	156
28	Measuring steady-state oxygen uptake during the 6-min walk test in adults with cerebral palsy. International Journal of Rehabilitation Research, 2012, 35, 181-183.	0.7	12
29	Slowing of Motor Imagery after a Right Hemispheric Stroke. Stroke Research and Treatment, 2012, 2012, 1-10.	0.5	28
30	Walking while resisting a perturbation: Effects on ankle dorsiflexor activation during swing and potential for rehabilitation. Gait and Posture, 2011, 34, 358-363.	0.6	28
31	Is somatosensory excitability more affected by the perspective or modality content of motor imagery?. Neuroscience Letters, 2011, 493, 33-37.	1.0	35
32	Guiding task-oriented gait training after stroke or spinal cord injury by means of a biomechanical gait analysis. Progress in Brain Research, 2011, 192, 161-180.	0.9	38
33	Motor imagery for optimizing the reacquisition of locomotor skills after cerebral damage. , 2010, , 161-176.		9
34	Factors Related to Physical Activity in Adults with Cerebral Palsy May Differ for Walkers and Nonwalkers. American Journal of Physical Medicine and Rehabilitation, 2010, 89, 584-597.	0.7	20
35	Mental Practice for Relearning Locomotor Skills. Physical Therapy, 2010, 90, 240-251.	1.1	211
36	The influence of selected personal and environmental factors on leisure activities in adults with cerebral palsy. Disability and Rehabilitation, 2010, 32, 1328-1338.	0.9	32

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37	Normal Aging and Motor Imagery Vividness: Implications for Mental Practice Training in Rehabilitation. Archives of Physical Medicine and Rehabilitation, 2010, 91, 1122-1127.	0.5	80
38	Dynamic control of a moving platform using the CAREN system to optimize walking invirtual reality environments. , 2009, 2009, 2384-7.		8
39	Effects of Practice, Visual Loss, Limb Amputation, and Disuse on Motor Imagery Vividness. Neurorehabilitation and Neural Repair, 2009, 23, 449-463.	1.4	70
40	Added Value of Mental Practice Combined with a Small Amount of Physical Practice on the Relearning of Rising and Sitting Post-Stroke: A Pilot Study. Journal of Neurologic Physical Therapy, 2009, 33, 195-202.	0.7	56
41	Reliability of Mental Chronometry for Assessing Motor Imagery Ability After Stroke. Archives of Physical Medicine and Rehabilitation, 2008, 89, 311-319.	0.5	118
42	Characteristics of personal space during obstacle circumvention in physical and virtual environments. Gait and Posture, 2008, 27, 239-247.	0.6	112
43	Clinical Assessment of Motor Imagery After Stroke. Neurorehabilitation and Neural Repair, 2008, 22, 330-340.	1.4	106
44	The Kinesthetic and Visual Imagery Questionnaire (KVIQ) for Assessing Motor Imagery in Persons with Physical Disabilities: A Reliability and Construct Validity Study. Journal of Neurologic Physical Therapy, 2007, 31, 20-29.	0.7	352
45	Priorities for Stroke Rehabilitation and Research: Results of a 2003 Canadian Stroke Network Consensus Conference. Archives of Physical Medicine and Rehabilitation, 2007, 88, 526-528.	0.5	47
46	Navigational strategies during fast walking: A comparison between trained athletes and non-athletes. Gait and Posture, 2007, 26, 539-545.	0.6	16
47	The effect of a task-oriented intervention on arm function in people with stroke: a randomized controlled trial. Clinical Rehabilitation, 2006, 20, 296-310.	1.0	72
48	Balance Self-Efficacy and Its Relevance to Physical Function and Perceived Health Status After Stroke. Archives of Physical Medicine and Rehabilitation, 2006, 87, 364-370.	0.5	124
49	Psychometric Evaluation of the Original and Canadian French Version of the Activities-Specific Balance Confidence Scale Among People With Stroke. Archives of Physical Medicine and Rehabilitation, 2006, 87, 1597-1604.	0.5	103
50	The circumvention of obstacles during walking in different environmental contexts: A comparison between older and younger adults. Gait and Posture, 2006, 24, 364-369.	0.6	76
51	Outcomes measurement: basic principles and applications in stroke rehabilitation. , 2006, , 5-23.		0
52	A Treadmill and Motion Coupled Virtual Reality System for Gait Training Post-Stroke. Cyberpsychology, Behavior and Social Networking, 2006, 9, 157-162.	2.2	228
53	The Negotiation of Stationary and Moving Obstructions during Walking: Anticipatory Locomotor Adaptations and Preservation of Personal Space. Motor Control, 2005, 9, 242-269.	0.3	166
54	The Effect of a Task-Oriented Walking Intervention on Improving Balance Self-Efficacy Poststroke: A Randomized, Controlled Trial. Journal of the American Geriatrics Society, 2005, 53, 576-582.	1.3	134

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55	Assessment and training of locomotion after stroke: evolving concepts. , 2005, , 185-222.		12
56	Training Mobility Tasks after Stroke with Combined Mental and Physical Practice: A Feasibility Study. Neurorehabilitation and Neural Repair, 2004, 18, 66-75.	1.4	103
57	The Efficacy of Combined Physical and Mental Practice in the Learning of a Foot-Sequence Task after Stroke: A Case Report. Neurorehabilitation and Neural Repair, 2004, 18, 106-111.	1.4	108
58	The Role of Technology in Task-Oriented Training in Persons with Subacute Stroke: A Randomized Controlled Trial. Neurorehabilitation and Neural Repair, 2004, 18, 199-211.	1.4	61
59	Working memory and mental practice outcomes after stroke. Archives of Physical Medicine and Rehabilitation, 2004, 85, 177-183.	0.5	134
60	Bilateral slowing of mentally simulated actions after stroke. NeuroReport, 2004, 15, 1349-1353.	0.6	68
61	Brain activations during motor imagery of locomotor-related tasks: A PET study. Human Brain Mapping, 2003, 19, 47-62.	1.9	400
62	Functional cerebral reorganization following motor sequence learning through mental practice with motor imagery. NeuroImage, 2003, 20, 1171-1180.	2.1	315
63	Arm and leg impairments and disabilities after stroke rehabilitation: relation to handicap. Clinical Rehabilitation, 2003, 17, 666-673.	1.0	79
64	A fluidity scale for evaluating the motor strategy of the rise-to-walk task after stroke. Clinical Rehabilitation, 2003, 17, 674-684.	1.0	33
65	Assessing Mobility and Locomotor Coordination after Stroke with the Rise-to-Walk Task. Neurorehabilitation and Neural Repair, 2003, 17, 83-92.	1.4	36
66	Motor Learning Produces Parallel Dynamic Functional Changes during the Execution and Imagination of Sequential Foot Movements. NeuroImage, 2002, 16, 142-157.	2.1	237
67	Responsiveness and predictability of gait speed and other disability measures in acute stroke. Archives of Physical Medicine and Rehabilitation, 2001, 82, 1204-1212.	0.5	356
68	Locomotor-specific measure of spasticity of plantarflexor muscles after stroke. Archives of Physical Medicine and Rehabilitation, 2001, 82, 1696-1704.	0.5	112
69	Walking speed over 10 metres overestimates locomotor capacity after stroke. Clinical Rehabilitation, 2001, 15, 415-421.	1.0	205
70	Task-related circuit training improves performance of locomotor tasks in chronic stroke: A randomized, controlled pilot trial. Archives of Physical Medicine and Rehabilitation, 2000, 81, 409-417.	0.5	584
71	Preparatory adjustments during gait initiation in 4â€“6-year-old children. Gait and Posture, 2000, 11, 239-253.	0.6	46
72	Coactivation during gait as an adaptive behavior after stroke. Journal of Electromyography and Kinesiology, 2000, 10, 407-415.	0.7	174

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73	Contribution of passive stiffness to ankle plantarflexor moment during gait after stroke. Archives of Physical Medicine and Rehabilitation, 2000, 81, 351-358.	0.5	108
74	Gait in Stroke: Assessment and Rehabilitation. Clinics in Geriatric Medicine, 1999, 15, 833-856.	1.0	132
75	Effects of the type of meniscal lesion on knee function. Journal of Electromyography and Kinesiology, 1998, 8, 411-422.	0.7	6
76	Viscoelastic Behavior of Plantar Flexor Muscle-Tendon Unit at Rest. Journal of Orthopaedic and Sports Physical Therapy, 1997, 26, 244-252.	1.7	55
77	Early and Intensive Treadmill Locomotor Training for Young Children with Cerebral Palsy. Pediatric Physical Therapy, 1997, 9, 158???165.	0.3	65
78	Impaired viscoelastic behaviour of spastic plantarflexors during passive stretch at different velocities. Clinical Biomechanics, 1997, 12, 508-515.	0.5	29
79	Hemiparetic gait following stroke. Part II: Recovery and physical therapy. Gait and Posture, 1996, 4, 149-162.	0.6	102
80	CORRECTION BETWEEN THE GROSS MOTOR FUNCTION MEASURE SCORES AND GAIT SPATIOTEMPORAL MEASURES IN CHILDREN WITH NEUROLOGICAL IMPAIRMENTS. Developmental Medicine and Child Neurology, 1996, 38, 1007-1019.	1.1	62
81	Use of a Hand-held Dynamometer and a Kin-ComÂ® Dynamometer for Evaluating Spastic Hypertonia in Children: A Reliability Study. Physical Therapy, 1995, 75, 796-802.	1.1	91
82	Biomechanical analysis of swing-through gait in paraplegic and non-disabled individuals. Journal of Biomechanics, 1995, 28, 689-700.	0.9	26
83	Early and intensive physiotherapy accelerates recovery postarthroscopic meniscectomy: Results of a randomized controlled study. Archives of Physical Medicine and Rehabilitation, 1994, 75, 415-426.	0.5	85
84	Factors predicting knee function in patients with meniscal lesions. Journal of Electromyography and Kinesiology, 1994, 4, 205-217.	0.7	8
85	Hip-Spine Movement Interaction and Muscle Activation Patterns During Sagittal Trunk Movements in Low Back Pain Patients. Spine, 1994, 19, 596-603.	1.0	129
86	Task-specific physical therapy for optimization of gait recovery in acute stroke patients. Archives of Physical Medicine and Rehabilitation, 1993, 74, 612-620.	0.5	303
87	Use of an Intensive Task-Oriented Gait Training Program in a Series of Patients with Acute Cerebrovascular Accidents. Physical Therapy, 1992, 72, 781-789.	1.1	73
88	Spasticity Control in the Therapy of Cerebral Palsy1. Medicine and Sport Science, 1992, 36, 217-224.	1.4	3
89	Intertrial Reliability of Work Measurements Recorded During Concentric Isokinetic Knee Extension and Flexion in Subjects with and without Meniscal Tears. Physical Therapy, 1991, 71, 804-812.	1.1	9
90	New Rehabilitation Strategies for the Treatment of Spastic Gait Disorders. Advances in Psychology, 1991, 78, 387-411.	0.1	0

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91	Validity and Reliability of a New Electrogoniometer for the Measurement of Sagittal Dorsolumbar Movements. Spine, 1991, 16, 516-519.	1.0	19
92	Influence of contractile tension development on dynamic strength measurements of the plantarflexors in man. Journal of Biomechanics, 1988, 21, 89-96.	0.9	26
93	Study of human muscle contraction using electrically evoked twitch responses during passive shortening and lengthening movements. European Journal of Applied Physiology and Occupational Physiology, 1987, 56, 623-627.	1.2	47
94	Outcomes measurement: basic principles and applications in stroke rehabilitation. , 0, , 35-50.		1