

Mary P. Galea

List of Publications by Year in descending order

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Version: 2024-02-01

212
papers

10,092
citations

28274

55
h-index

42399

92
g-index

218
all docs

218
docs citations

218
times ranked

10988
citing authors

#	ARTICLE	IF	CITATIONS
1	Gait and balance impairment in early multiple sclerosis in the absence of clinical disability. <i>Multiple Sclerosis Journal</i> , 2006, 12, 620-628.	3.0	427
2	Reorganization of the motor cortex is associated with postural control deficits in recurrent low back pain. <i>Brain</i> , 2008, 131, 2161-2171.	7.6	364
3	Sagittal gait patterns in spastic diplegia. <i>Journal of Bone and Joint Surgery: British Volume</i> , 2004, 86-B, 251-258.	3.4	316
4	EphA4 (Sek1) receptor tyrosine kinase is required for the development of the corticospinal tract. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1998, 95, 13248-13253.	7.1	292
5	Multiple Corticospinal Neuron Populations in the Macaque Monkey Are Specified by Their Unique Cortical Origins, Spinal Terminations, and Connections. <i>Cerebral Cortex</i> , 1994, 4, 166-194.	2.9	281
6	Axonal Regeneration and Lack of Astrocytic Gliosis in EphA4-Deficient Mice. <i>Journal of Neuroscience</i> , 2004, 24, 10064-10073.	3.6	281
7	Muscle Spindle Distribution, Morphology, and Density in Longus Colli and Multifidus Muscles of the Cervical Spine. <i>Spine</i> , 2002, 27, 694-701.	2.0	259
8	Investigation of the timed ãUp & Goã™ test in children. <i>Developmental Medicine and Child Neurology</i> , 2005, 47, 518-524.	2.1	238
9	A Systematic Review of Motor and Cognitive Outcomes After Early Surgery for Congenital Heart Disease. <i>Pediatrics</i> , 2010, 125, e818-e827.	2.1	210
10	Individualised pelvic floor muscle training in women with pelvic organ prolapse (POPPY): a multicentre randomised controlled trial. <i>Lancet, The</i> , 2014, 383, 796-806.	13.7	201
11	Reliability of pelvic floor muscle strength assessment using different test positions and tools. <i>Neurourology and Urodynamics</i> , 2006, 25, 236-242.	1.5	179
12	Driving plasticity in the motor cortex in recurrent low back pain. <i>European Journal of Pain</i> , 2010, 14, 832-839.	2.8	173
13	Measures of muscle and joint performance in the lower limb of children with cerebral palsy. <i>Developmental Medicine and Child Neurology</i> , 2003, 45, 664-670.	2.1	155
14	The role of propriospinal interneurons in recovery from spinal cord injury. <i>Neuropharmacology</i> , 2011, 60, 809-822.	4.1	151
15	Basic gait and symmetry measures for primary school-aged children and young adults whilst walking barefoot and with shoes. <i>Gait and Posture</i> , 2009, 30, 502-506.	1.4	134
16	Correction of Severe Crouch Gait in Patients with Spastic Diplegia with Use of Multilevel Orthopaedic Surgery. <i>Journal of Bone and Joint Surgery - Series A</i> , 2006, 88, 2653-2664.	3.0	130
17	A Systematic Review of Exercise Training To Promote Locomotor Recovery in Animal Models of Spinal Cord Injury. <i>Journal of Neurotrauma</i> , 2012, 29, 1600-1613.	3.4	130
18	EphA4 Blockers Promote Axonal Regeneration and Functional Recovery Following Spinal Cord Injury in Mice. <i>PLoS ONE</i> , 2011, 6, e24636.	2.5	118

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19	A review of developmental outcomes of term infants with post-asphyxia neonatal encephalopathy. <i>European Journal of Paediatric Neurology</i> , 2009, 13, 224-234.	1.6	116
20	A review of the effects of sleep position, play position, and equipment use on motor development in infants. <i>Developmental Medicine and Child Neurology</i> , 2007, 49, 858-867.	2.1	114
21	Treadmill Training after Spinal Cord Hemisection in Mice Promotes Axonal Sprouting and Synapse Formation and Improves Motor Recovery. <i>Journal of Neurotrauma</i> , 2008, 25, 449-465.	3.4	114
22	Quadriceps muscle wasting persists 5 months after total hip arthroplasty for osteoarthritis of the hip: a pilot study. <i>Internal Medicine Journal</i> , 2001, 31, 7-14.	0.8	112
23	Rehabilitation for people with multiple sclerosis: an overview of Cochrane Reviews. <i>The Cochrane Library</i> , 2019, 2019, CD012732.	2.8	109
24	Video Analysis of Sagittal Spinal Posture in Healthy Young and Older Adults. <i>Journal of Manipulative and Physiological Therapeutics</i> , 2009, 32, 210-215.	0.9	106
25	Whole-body vibration dosage alters leg blood flow. <i>Clinical Physiology and Functional Imaging</i> , 2009, 29, 53-59.	1.2	105
26	Aging modifies joint power and work when gait speeds are matched. <i>Gait and Posture</i> , 2011, 33, 484-489.	1.4	103
27	Mini-Mental State Examination (MMSE). <i>Australian Journal of Physiotherapy</i> , 2005, 51, 198.	0.9	102
28	Maximum voluntary weight-bearing by the affected and unaffected legs in standing following stroke. <i>Clinical Biomechanics</i> , 1996, 11, 333-342.	1.2	100
29	Sagittal spine and lower limb movement during sit-to-stand in healthy young subjects. <i>Gait and Posture</i> , 2005, 22, 338-345.	1.4	100
30	In-Home Tele-Rehabilitation Improves Tetraplegic Hand Function. <i>Neurorehabilitation and Neural Repair</i> , 2011, 25, 412-422.	2.9	100
31	An Exercise and Education Program Improves Well-Being of New Mothers: A Randomized Controlled Trial. <i>Physical Therapy</i> , 2010, 90, 348-355.	2.4	98
32	Management of Fatigue in Persons with Multiple Sclerosis. <i>Frontiers in Neurology</i> , 2014, 5, 177.	2.4	97
33	Postnatal Maturation of the Direct Corticospinal Projections in the Macaque Monkey. <i>Cerebral Cortex</i> , 1995, 5, 518-540.	2.9	93
34	Hand-held dynamometry for muscle strength measurement in children with cerebral palsy. <i>Developmental Medicine and Child Neurology</i> , 2007, 49, 106-111.	2.1	93
35	Basic gait and symmetry measures for primary school-aged children and young adults. II: Walking at slow, free and fast speed. <i>Gait and Posture</i> , 2011, 33, 29-35.	1.4	88
36	Expanding traditional tendon-based techniques with nerve transfers for the restoration of upper limb function in tetraplegia: a prospective case series. <i>Lancet, The</i> , 2019, 394, 565-575.	13.7	87

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37	Investigation of transabdominal real-time ultrasound to visualise the muscles of the pelvic floor. Australian Journal of Physiotherapy, 2005, 51, 167-170.	0.9	86
38	Subject-specific musculoskeletal modeling in the evaluation of shoulder muscle and joint function. Journal of Biomechanics, 2016, 49, 3626-3634.	2.1	85
39	Effectiveness of telerehabilitation interventions in persons with multiple sclerosis: A systematic review. Multiple Sclerosis and Related Disorders, 2015, 4, 358-369.	2.0	84
40	Incontinence improves in older women after intensive pelvic floor muscle training: An assessor-blinded randomized controlled trial. Neurourology and Urodynamics, 2011, 30, 317-324.	1.5	83
41	Development and reorganization of corticospinal projections in EphA4 deficient mice. Journal of Comparative Neurology, 2001, 436, 248-262.	1.6	82
42	Neurorehabilitation: applied neuroplasticity. Journal of Neurology, 2017, 264, 603-615.	3.6	82
43	Corticospinal projection patterns following unilateral section of the cervical spinal cord in the newborn and juvenile macaque monkey. Journal of Comparative Neurology, 1997, 381, 282-306.	1.6	81
44	A Targeted Home- and Center-Based Exercise Program for People After Total Hip Replacement: A Randomized Clinical Trial. Archives of Physical Medicine and Rehabilitation, 2008, 89, 1442-1447.	0.9	81
45	Primary Sensory and Motor Cortex Excitability Are Co-Modulated in Response to Peripheral Electrical Nerve Stimulation. PLoS ONE, 2012, 7, e51298.	2.5	81
46	Measures of muscle and joint performance in the lower limb of children with cerebral palsy. Developmental Medicine and Child Neurology, 2003, 45, 664-70.	2.1	74
47	Effectiveness of integrated multidisciplinary rehabilitation in primary brain cancer survivors in an Australian community cohort: A controlled clinical trial. Journal of Rehabilitation Medicine, 2014, 46, 754-760.	1.1	74
48	Manual dexterity and corticospinal connectivity following unilateral section of the cervical spinal cord in the macaque monkey. , 1997, 381, 307-319.		72
49	Digital nerve anaesthesia decreases EMG-EMG coherence in a human precision grip task. Experimental Brain Research, 2002, 145, 207-214.	1.5	72
50	Regenerate: assessing the feasibility of a strength-training program to enhance the physical and mental health of chronic post stroke patients with depression. International Journal of Geriatric Psychiatry, 2009, 24, 76-83.	2.7	71
51	Telerehabilitation for persons with multiple sclerosis. The Cochrane Library, 2015, 2015, CD010508.	2.8	71
52	Comparative histochemical composition of muscle fibres in a pre- and a postvertebral muscle of the cervical spine. Journal of Anatomy, 2001, 199, 709-716.	1.5	67
53	Upper Limb Reinnervation in C6 Tetraplegia Using a Triple Nerve Transfer: Case Report. Journal of Hand Surgery, 2014, 39, 1779-1783.	1.6	67
54	Effects of training on upper limb function after cervical spinal cord injury: a systematic review. Clinical Rehabilitation, 2015, 29, 3-13.	2.2	65

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55	The development of an upper limb stroke rehabilitation robot: identification of clinical practices and design requirements through a survey of therapists. <i>Disability and Rehabilitation: Assistive Technology</i> , 2011, 6, 420-431.	2.2	64
56	Physical activity by elderly patients undergoing inpatient rehabilitation is low: an observational study. <i>Australian Journal of Physiotherapy</i> , 2008, 54, 209-213.	0.9	61
57	An enriched environmental programme during inpatient neuro-rehabilitation: A randomized controlled trial. <i>Journal of Rehabilitation Medicine</i> , 2016, 48, 417-425.	1.1	58
58	Sagittal Spinal Posture After Pilates-Based Exercise in Healthy Older Adults. <i>Spine</i> , 2009, 34, 1046-1051.	2.0	57
59	The use of laboratory gait analysis for understanding gait deterioration in people with multiple sclerosis. <i>Multiple Sclerosis Journal</i> , 2016, 22, 1768-1776.	3.0	57
60	Motor trajectories from 4 to 18 months corrected age in infants born at less than 30 weeks of gestation. <i>Early Human Development</i> , 2010, 86, 573-580.	1.8	55
61	Functional outcome following Botulinum toxin A injection to reduce spastic equinus in adults with traumatic brain injury. <i>Brain Injury</i> , 2004, 18, 57-63.	1.2	54
62	Technologies for Advanced Gait and Balance Assessments in People with Multiple Sclerosis. <i>Frontiers in Neurology</i> , 2017, 8, 708.	2.4	53
63	Motor development from 4 to 8 months corrected age in infants born at or less than 29 weeks of gestation. <i>Developmental Medicine and Child Neurology</i> , 2009, 51, 739-745.	2.1	51
64	Spinal cord injury and physical activity: preservation of the body. <i>Spinal Cord</i> , 2012, 50, 344-351.	1.9	51
65	Kinematics of Rising From a Chair: Image-Based Analysis of the Sagittal Hip-Spine Movement Pattern in Elderly People Who Are Healthy. <i>Physical Therapy</i> , 2010, 90, 561-571.	2.4	46
66	Effect of test position on pelvic floor muscle assessment. <i>International Urogynecology Journal</i> , 2006, 17, 365-371.	1.4	45
67	Motor imagery skills of children with Attention Deficit Hyperactivity Disorder and Developmental Coordination Disorder. <i>Human Movement Science</i> , 2013, 32, 121-135.	1.4	45
68	Gait training with real-time augmented toe-ground clearance information decreases tripping risk in older adults and a person with chronic stroke. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 243.	2.0	45
69	Corticomotor excitability of back muscles is affected by intervertebral disc lesion in pigs. <i>European Journal of Neuroscience</i> , 2009, 29, 1490-1500.	2.6	43
70	The Effects of Sex Hormonal Fluctuations during Menstrual Cycle on Cortical Excitability and Manual Dexterity (a Pilot Study). <i>PLoS ONE</i> , 2015, 10, e0136081.	2.5	41
71	Performance of 2-year-old children after early surgery for congenital heart disease on the Bayley Scales of Infant and Toddler Development, Third Edition. <i>Early Human Development</i> , 2012, 88, 603-607.	1.8	40
72	Physiotherapy as an adjunct to prolapse surgery: An assessor-blinded randomized controlled trial. <i>Neurourology and Urodynamics</i> , 2010, 29, 719-725.	1.5	39

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73	Gross motor development is delayed following early cardiac surgery. <i>Cardiology in the Young</i> , 2012, 22, 574-582.	0.8	39
74	Multidisciplinary rehabilitation after primary brain tumour treatment. <i>The Cochrane Library</i> , 2019, CD009509.	2.8	39
75	Symptomatic treatments for amyotrophic lateral sclerosis/motor neuron disease. <i>The Cochrane Library</i> , 2017, 2017, CD011776.	2.8	39
76	Lumbosacral Rhythm During Hip Flexion in Young Adults and Children. <i>Spine</i> , 2002, 27, E432-E440.	2.0	38
77	EphA4 regulates central nervous system vascular formation. <i>Journal of Comparative Neurology</i> , 2006, 497, 864-875.	1.6	38
78	Kinematics of Sagittal Spine and Lower Limb Movement in Healthy Older Adults During Sit-to-Stand From Two Seat Heights. <i>Spine</i> , 2010, 35, E1-E7.	2.0	38
79	Gait compensatory mechanisms in unilateral transfemoral amputees. <i>Medical Engineering and Physics</i> , 2020, 77, 95-106.	1.7	38
80	What is the functional outcome for the upper limb after stroke?. <i>Australian Journal of Physiotherapy</i> , 2001, 47, 19-27.	0.9	37
81	The effect of electrical stimulation on corticospinal excitability is dependent on application duration: a same subject pre-post test design. <i>Journal of NeuroEngineering and Rehabilitation</i> , 2013, 10, 51.	4.6	34
82	Very Low Calorie Diets for Weight Loss in Obese Older Adults—A Randomized Trial. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2018, 73, 59-65.	3.6	34
83	Functional changes in deep dorsal horn interneurons following spinal cord injury are enhanced with different durations of exercise training. <i>Journal of Physiology</i> , 2015, 593, 331-345.	2.9	32
84	Prediction of gait velocity in ambulatory stroke patients during rehabilitation. <i>Archives of Physical Medicine and Rehabilitation</i> , 1999, 80, 415-420.	0.9	30
85	Mobility on discharge from an aged care unit. <i>Physiotherapy Research International</i> , 2007, 12, 72-81.	1.5	30
86	Video based measurement of sagittal range of spinal motion in young and older adults. <i>Manual Therapy</i> , 2009, 14, 618-622.	1.6	30
87	Concurrent excitation of the opposite motor cortex during transcranial magnetic stimulation to activate the abdominal muscles. <i>Journal of Neuroscience Methods</i> , 2008, 171, 132-139.	2.5	29
88	Skin movement errors in measurement of sagittal lumbar and hip angles in young and elderly subjects. <i>Gait and Posture</i> , 2008, 27, 264-270.	1.4	29
89	Gait and balance deterioration over a 12-month period in multiple sclerosis patients with EDSS scores \geq 3.0. <i>NeuroRehabilitation</i> , 2017, 40, 277-284.	1.3	29
90	People With Stroke Who Fail an Obstacle Crossing Task Have a Higher Incidence of Falls and Utilize Different Gait Patterns Compared With People Who Pass the Task. <i>Physical Therapy</i> , 2013, 93, 334-344.	2.4	28

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91	Optimizing post-acute care in breast cancer survivors: a rehabilitation perspective. <i>Journal of Multidisciplinary Healthcare</i> , 2017, Volume 10, 347-357.	2.7	28
92	Feldenkrais Method balance classes are based on principles of motor learning and postural control retraining: a qualitative research study. <i>Physiotherapy</i> , 2010, 96, 324-336.	0.4	27
93	Chronic pain in multiple sclerosis: A10-year longitudinal study. <i>Scandinavian Journal of Pain</i> , 2017, 16, 198-203.	1.3	26
94	Evaluation of the psychometric properties of the upper limb subscales of the motor assessment scale using a Rasch analysis model. <i>Journal of Rehabilitation Medicine</i> , 2010, 42, 315-322.	1.1	25
95	Challenges and barriers for implementation of the World Health Organization Global Disability Action Plan in low- and middle- income countries. <i>Journal of Rehabilitation Medicine</i> , 2018, 50, 367-376.	1.1	25
96	The Effect of Transcranial Direct Current Stimulation on Chronic Neuropathic Pain in Patients with Multiple Sclerosis: Randomized Controlled Trial. <i>Pain Medicine</i> , 2020, 21, 3451-3457.	1.9	25
97	The AsTex Â®: clinimetric properties of a new tool for evaluating hand sensation following stroke. <i>Clinical Rehabilitation</i> , 2009, 23, 1104-1115.	2.2	24
98	Clinimetric Properties of the Alberta Infant Motor Scale in Infants Born Preterm. <i>Pediatric Physical Therapy</i> , 2010, 22, 278-286.	0.6	24
99	Bilateral Postsynaptic Actions of Pyramidal Tract and Reticulospinal Neurons on Feline Erector Spinae Motoneurons. <i>Journal of Neuroscience</i> , 2010, 30, 858-869.	3.6	24
100	Exercise Training after Spinal Cord Injury Selectively Alters Synaptic Properties in Neurons in Adult Mouse Spinal Cord. <i>Journal of Neurotrauma</i> , 2013, 30, 891-896.	3.4	24
101	MANUAL DEXTERITY: HOW DOES THE CEREBRAL CORTEX CONTRIBUTE?. <i>Clinical and Experimental Pharmacology and Physiology</i> , 1996, 23, 948-956.	1.9	23
102	Group-based task-related training for children with cerebral palsy: a pilot study. <i>Physical and Occupational Therapy in Pediatrics</i> , 2007, 27, 43-65.	1.3	23
103	Postural control at 4Â½years in very preterm children compared with termâ€born peers. <i>Developmental Medicine and Child Neurology</i> , 2015, 57, 175-180.	2.1	21
104	Early intensive hand rehabilitation is not more effective than usual care plus one-to-one hand therapy in people with sub-acute spinal cord injury (â€Hands Onâ€™): a randomised trial. <i>Journal of Physiotherapy</i> , 2016, 62, 88-95.	1.7	21
105	Group-Based Task-Related Training for Children with Cerebral Palsy. <i>Physical and Occupational Therapy in Pediatrics</i> , 2007, 27, 43-65.	1.3	21
106	Quantification of physiotherapy treatment time in stroke rehabilitation â€ criterion-related validity. <i>Australian Journal of Physiotherapy</i> , 2000, 46, 291-298.	0.9	20
107	Role of EphA4 in defining the position of a motoneuron pool within the spinal cord. <i>Journal of Comparative Neurology</i> , 2003, 458, 98-111.	1.6	20
108	Physical modalities in the treatment of neurological dysfunction. <i>Clinical Neurology and Neurosurgery</i> , 2012, 114, 483-488.	1.4	20

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109	Factors associated with long-term functional and psychological outcomes in persons with moderate to severe traumatic brain injury. <i>Journal of Rehabilitation Medicine</i> , 2016, 48, 442-448.	1.1	20
110	Prophylactic knee bracing alters lower-limb muscle forces during a double-leg drop landing. <i>Journal of Biomechanics</i> , 2016, 49, 3347-3354.	2.1	20
111	Medical rehabilitation in disaster relief: Towards a new perspective. <i>Journal of Rehabilitation Medicine</i> , 2017, 49, 620-628.	1.1	20
112	Gait stability at early stages of multiple sclerosis using different data sources. <i>Gait and Posture</i> , 2020, 77, 214-217.	1.4	20
113	The relationship between physical performance and self-perception in children with and without cerebral palsy. <i>Australian Occupational Therapy Journal</i> , 2009, 56, 24-32.	1.1	18
114	High-level mobility skills in children and adolescents with traumatic brain injury. <i>Brain Injury</i> , 2015, 29, 1711-1716.	1.2	18
115	Effects Of treadmill training on hindlimb muscles of spinal cord-injured mice. <i>Muscle and Nerve</i> , 2017, 55, 232-242.	2.2	18
116	Extracorporeal Shock Wave Therapy (ESWT) as a treatment for recurrent Neurogenic Heterotopic Ossification (NHO). <i>Brain Injury</i> , 2013, 27, 242-247.	1.2	17
117	Cathodal transcranial direct-current stimulation for treatment of drug-resistant temporal lobe epilepsy: A pilot randomized controlled trial. <i>Epilepsia Open</i> , 2016, 1, 130-135.	2.4	17
118	Peripheral neuropathy in the hands of people with diabetes mellitus. <i>Diabetes Research and Clinical Practice</i> , 2016, 119, 23-31.	2.8	16
119	Requirements for obtaining unbiased estimates of neuronal numbers in frozen sections. <i>Journal of Neuroscience Methods</i> , 2000, 97, 133-137.	2.5	15
120	Early intensive hand rehabilitation after spinal cord injury ("Hands On"): a protocol for a randomised controlled trial. <i>Trials</i> , 2011, 12, 14.	1.6	15
121	Feldenkrais Method Balance Classes Improve Balance in Older Adults: A Controlled Trial. <i>Evidence-based Complementary and Alternative Medicine</i> , 2011, 2011, 1-9.	1.2	15
122	Intensive exercise program after spinal cord injury ("Full-On"): study protocol for a randomized controlled trial. <i>Trials</i> , 2013, 14, 291.	1.6	15
123	Rehabilitation in Madagascar: Challenges in implementing the World Health Organization Disability Action Plan. <i>Journal of Rehabilitation Medicine</i> , 2015, 47, 688-696.	1.1	15
124	Effects of Prophylactic Knee Bracing on Lower Limb Kinematics, Kinetics, and Energetics During Double-Leg Drop Landing at 2 Heights. <i>American Journal of Sports Medicine</i> , 2016, 44, 1753-1761.	4.2	15
125	Capacity-building in clinical skills of rehabilitation workforce in low- and middle-income countries. <i>Journal of Rehabilitation Medicine</i> , 2018, 50, 472-479.	1.1	15
126	Real-time foot clearance biofeedback to assist gait rehabilitation following stroke: a randomized controlled trial protocol. <i>Trials</i> , 2019, 20, 317.	1.6	15

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127	Quantitative Characterization of Regenerating Axons after End-to-Side and End-to-End Coaptation in a Rat Brachial Plexus Model: A Retrograde Tracer Study. <i>Journal of Neurotrauma</i> , 2007, 24, 864-875.	3.4	14
128	A horizontal slice preparation for examining the functional connectivity of dorsal column fibres in mouse spinal cord. <i>Journal of Neuroscience Methods</i> , 2011, 200, 113-120.	2.5	14
129	Rehabilitation outcomes in persons with spina bifida: A randomised controlled trial. <i>Journal of Rehabilitation Medicine</i> , 2015, 47, 734-740.	1.1	14
130	Rehabilitation for people with multiple sclerosis: an overview of Cochrane systematic reviews. <i>The Cochrane Library</i> , 0, , .	2.8	14
131	Group-Based Task-Related Training for Children with Cerebral Palsy. <i>Physical and Occupational Therapy in Pediatrics</i> , 2007, 27, 43-65.	1.3	13
132	Early intensive hand rehabilitation is not more effective than usual care plus one-to-one hand therapy in people with sub-acute spinal cord injury (â€˜Hands Onâ€™): a randomised trial. <i>Journal of Physiotherapy</i> , 2017, 63, 197-204.	1.7	13
133	Bedside quantification of fat-free mass in acute spinal cord injury using bioelectrical impedance analysis: a psychometric study. <i>Spinal Cord</i> , 2018, 56, 355-365.	1.9	13
134	Comparison of estimated energy requirements using predictive equations with total energy expenditure measured by the doubly labelled water method in acute spinal cord injury. <i>Spinal Cord</i> , 2019, 57, 562-570.	1.9	13
135	Ankle Flexors Produce Peak Torque at Longer Muscle Lengths after Whole-Body Vibration. <i>Medicine and Science in Sports and Exercise</i> , 2008, 40, 1977-1983.	0.4	12
136	Voluntary activation of the ankle plantar flexors following whole-body vibration. <i>European Journal of Applied Physiology</i> , 2010, 108, 927-934.	2.5	12
137	Lumbofemoral rhythm during active hip flexion in standing in healthy older adults. <i>Manual Therapy</i> , 2010, 15, 88-92.	1.6	12
138	The combined effect of cranial-nerve non-invasive neuromodulation with high-intensity physiotherapy on gait and balance in a patient with cerebellar degeneration: a case report. <i>Cerebellum and Ataxias</i> , 2018, 5, 6.	1.9	12
139	Individual muscle contributions to hip joint-contact forces during walking in unilateral transfemoral amputees with osseointegrated prostheses. <i>Computer Methods in Biomechanics and Biomedical Engineering</i> , 2020, 23, 1071-1081.	1.6	12
140	Evaluating Rehabilitation Progress Using Motion Features Identified by Machine Learning. <i>IEEE Transactions on Biomedical Engineering</i> , 2021, 68, 1417-1428.	4.2	12
141	Using the Technology Acceptance Model to Identify Factors That Predict Likelihood to Adopt Tele-Neurorehabilitation. <i>Frontiers in Neurology</i> , 2020, 11, 580832.	2.4	11
142	Axonal loss in major sensorimotor tracts is associated with impaired motor performance in minimally disabled multiple sclerosis patients. <i>Brain Communications</i> , 2021, 3, fcab032.	3.3	11
143	Comparing the efficacy of two fluorescent retrograde tracers in labeling the motor and sensory neuron populations of the rat sciatic nerve. <i>Journal of Neuroscience Methods</i> , 2002, 114, 159-164.	2.5	10
144	Impairment of muscle performance before and following total hip replacement. <i>International Journal of Therapy and Rehabilitation</i> , 2007, 14, 55-62.	0.3	10

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145	The Effects of Cathodal Transcranial Direct Current Stimulation in a Patient with Drug-Resistant Temporal Lobe Epilepsy (Case Study). <i>Brain Stimulation</i> , 2016, 9, 790-792.	1.6	10
146	Gait recovery following spinal cord injury in mice: Limited effect of treadmill training. <i>Journal of Spinal Cord Medicine</i> , 2016, 39, 335-343.	1.4	10
147	Cranial nerve non-invasive neuromodulation improves gait and balance in stroke survivors: A pilot randomised controlled trial. <i>Brain Stimulation</i> , 2017, 10, 1133-1135.	1.6	10
148	Beyond speed: Gait changes after botulinum toxin injections in chronic stroke survivors (a systematic) Tj ETQq0 0 0 rgBT /Overlock 10 T	1.4	10
149	Heterogeneity in microstructural deterioration following spinal cord injury. <i>Bone</i> , 2021, 142, 115778.	2.9	10
150	Uptime as a measure of recovery in children postappendectomy. <i>Journal of Pediatric Surgery</i> , 2003, 38, 1822-1825.	1.6	9
151	Variability in the measurement of uptime in children: a preliminary study. <i>Clinical Rehabilitation</i> , 2003, 17, 499-503.	2.2	9
152	How fast are feedforward postural adjustments of the abdominal muscles?. <i>Behavioral Neuroscience</i> , 2009, 123, 687-693.	1.2	9
153	Pregnant women maintain body temperatures within safe limits during moderate-intensity aqua-aerobic classes conducted in pools heated up to 33 degrees Celsius: an observational study. <i>Journal of Physiotherapy</i> , 2015, 61, 199-203.	1.7	9
154	SCIPA Switch-On: A Randomized Controlled Trial Investigating the Efficacy and Safety of Functional Electrical Stimulation-Assisted Cycling and Passive Cycling Initiated Early After Traumatic Spinal Cord Injury. <i>Neurorehabilitation and Neural Repair</i> , 2017, 31, 540-551.	2.9	9
155	The effect of myelotomy following low thoracic spinal cord compression injury in rats. <i>Experimental Neurology</i> , 2018, 306, 10-21.	4.1	9
156	Disaster Rehabilitation Response Plan. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2020, 99, 170-177.	1.4	9
157	Load response of an osseointegrated implant used in the treatment of unilateral transfemoral amputation: An early implant loosening case study. <i>Clinical Biomechanics</i> , 2020, 73, 201-212.	1.2	9
158	Reliability of the V-scope system in the measurement of arm movement in children with obstetric brachial plexus palsy. <i>Developmental Medicine and Child Neurology</i> , 2006, 48, 913.	2.1	9
159	How Therapists Use Visualizations of Upper Limb Movement Information From Stroke Patients: A Qualitative Study With Simulated Information. <i>JMIR Rehabilitation and Assistive Technologies</i> , 2016, 3, e9.	2.2	9
160	A method for processing fluorescent labelled tissue into methacrylate: a qualitative comparison of four tracers. <i>Journal of Neuroscience Methods</i> , 1999, 89, 159-165.	2.5	8
161	Early exercise after spinal cord injury (â€Switch-Onâ€™): study protocol for a randomised controlled trial. <i>Trials</i> , 2015, 16, 7.	1.6	8
162	Increased ankle muscle coactivation in the early stages of multiple sclerosis. <i>Multiple Sclerosis Journal - Experimental, Translational and Clinical</i> , 2020, 6, 205521732090587.	1.0	8

#	ARTICLE	IF	CITATIONS
163	Obstacle crossing performance does not differ between the first and subsequent attempts in people with stroke. <i>Gait and Posture</i> , 2009, 30, 455-458.	1.4	7
164	Risk Factors for Gross Motor Dysfunction in Infants With Congenital Heart Disease. <i>Infants and Young Children</i> , 2011, 24, 246-258.	0.7	7
165	Moving with Ease: Feldenkrais Method Classes for People with Osteoarthritis. <i>Evidence-based Complementary and Alternative Medicine</i> , 2013, 2013, 1-12.	1.2	7
166	Supportive Care Needs following Cancer Treatment: A Comparison of Breast and Brain Cancer in an Australian Cohort. <i>ISRN Rehabilitation</i> , 2014, 2014, 1-10.	0.6	7
167	Obstacle crossing following stroke improves over one month when the unaffected limb leads, but not when the affected limb leads. <i>Gait and Posture</i> , 2014, 39, 213-217.	1.4	7
168	Implementation of a technology-assisted programme to intensify upper limb rehabilitation in neurologically impaired participants: A prospective study. <i>Journal of Rehabilitation Medicine</i> , 2016, 48, 522-528.	1.1	7
169	World Health Organization Global Disability Action Plan: The Mongolian Perspective. <i>Journal of Rehabilitation Medicine</i> , 2018, 50, 388-366.	1.1	7
170	Comparison of segmental lean tissue mass in individuals with spinal cord injury measured by dual energy X-ray absorptiometry and predicted by bioimpedance spectroscopy. <i>Spinal Cord</i> , 2021, 59, 730-737.	1.9	7
171	Functional correlates of motor control impairments in multiple sclerosis: A 7 Tesla task <scp>functional MRI</scp> study. <i>Human Brain Mapping</i> , 2021, 42, 2569-2582.	3.6	7
172	Survey of clinical practice: pre- and postoperative physiotherapy for pelvic surgery. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , 2005, 84, 412-418.	2.8	6
173	Morphology of Donor and Recipient Nerves Utilised in Nerve Transfers to Restore Upper Limb Function in Cervical Spinal Cord Injury. <i>Brain Sciences</i> , 2016, 6, 42.	2.3	6
174	SCIPA Full-On: A Randomized Controlled Trial Comparing Intensive Whole-Body Exercise and Upper Body Exercise After Spinal Cord Injury. <i>Neurorehabilitation and Neural Repair</i> , 2018, 32, 557-567.	2.9	6
175	Segmental degeneration in the cervical spine and associated changes in dorsal root ganglia. <i>Clinical Anatomy</i> , 2004, 17, 468-477.	2.7	5
176	A Brain Motor Control Assessment (BMCA) Protocol for Upper Limb Function. <i>PLoS ONE</i> , 2013, 8, e79483.	2.5	5
177	Comparison of visual and objective quantification of elbow and shoulder movement in children with obstetric brachial plexus palsy. <i>Journal of Brachial Plexus and Peripheral Nerve Injury</i> , 2014, 01, e14-e19.	1.0	5
178	Quantitative Assessment of ADL: A Pilot Study of Upper Extremity Reaching Tasks. <i>Journal of Sensors</i> , 2015, 2015, 1-13.	1.1	5
179	Factors influencing thigh muscle volume change with cycling exercises in acute spinal cord injury â€“ a secondary analysis of a randomized controlled trial. <i>Journal of Spinal Cord Medicine</i> , 2022, 45, 510-521.	1.4	5
180	Promoting clinical best practice in a user-centred design study of an upper limb rehabilitation robot. <i>Disability and Rehabilitation: Assistive Technology</i> , 2022, 17, 531-538.	2.2	5

#	ARTICLE	IF	CITATIONS
181	Uptime normative values in children aged 8 to 15 years. <i>Developmental Medicine and Child Neurology</i> , 2003, 45, 189-93.	2.1	5
182	Investigation of the timed "Up & Go" test in children. <i>Developmental Medicine and Child Neurology</i> , 2007, 47, 518-524.	2.1	4
183	Bilateral activation of the abdominal muscles induces longer reaction time. <i>Clinical Neurophysiology</i> , 2008, 119, 1147-1152.	1.5	4
184	Extracorporeal shock wave therapy as a treatment for heterotopic ossification. <i>Physical Therapy Reviews</i> , 2013, 18, 300-307.	0.8	4
185	Brain motor control assessment of upper limb function in patients with spinal cord injury. <i>Journal of Spinal Cord Medicine</i> , 2016, 39, 162-174.	1.4	4
186	Transfer of the supinator nerve to the posterior interosseous nerve for hand opening in tetraplegia through an anterior approach. <i>Journal of Hand Surgery: European Volume</i> , 2021, 46, 717-724.	1.0	4
187	Gait stability reflects motor tracts damage at early stages of multiple sclerosis. <i>Multiple Sclerosis Journal</i> , 2022, 28, 1773-1782.	3.0	4
188	Prevalence of Neurogenic Heterotopic Ossification in Traumatic Head- and Spinal-Injured Patients Admitted to a Tertiary Referral Hospital in Australia. <i>Health Care Manager</i> , 2015, 34, 54-61.	1.3	3
189	A novel neuromodulation technique for the rehabilitation of balance and gait: A case study. <i>Journal of Clinical Neuroscience</i> , 2018, 54, 140-142.	1.5	3
190	Application of the extended technology acceptance model to explore clinician likelihood to use robotics in rehabilitation. <i>Disability and Rehabilitation: Assistive Technology</i> , 2024, 19, 52-59.	2.2	3
191	Monitoring age-related changes of collagen content and vascularity in ganglia using unbiased stereological methods. <i>Journal of Microscopy</i> , 2000, 200, 284-290.	1.8	2
192	More than skin deep. <i>Australian Journal of Physiotherapy</i> , 2002, 48, 69-70.	0.9	2
193	Outcome assessments in children with cerebral palsy. <i>Developmental Medicine and Child Neurology</i> , 2007, 49, 165-165.	2.1	2
194	Motion trajectory analysis for evaluating the performance of functional upper extremity tasks in daily living: a pilot study. , 2015, 2015, 2701-4.		2
195	Brain Motor Control Assessment Post Early Intensive Hand Rehabilitation After Spinal Cord Injury. <i>Topics in Spinal Cord Injury Rehabilitation</i> , 2018, 24, 157-166.	1.8	2
196	Effectiveness of rehabilitation interventions for people with multiple sclerosis - A Cochrane Review summary with commentary. <i>NeuroRehabilitation</i> , 2019, 45, 429-431.	1.3	2
197	Is task-oriented training effective for children with developmental coordination disorder? A Cochrane Review summary with commentary. <i>Developmental Medicine and Child Neurology</i> , 2020, 62, 160-162.	2.1	2
198	High-Level Mobility Assessment Tool Normative Values for Children. <i>Physical Therapy</i> , 2020, 100, 324-331.	2.4	2

#	ARTICLE	IF	CITATIONS
199	Does respiratory muscle training improve respiratory function compared to sham training, no training, standard treatment or breathing exercises in children and adults with neuromuscular disease? A Cochrane Review summary with commentary. <i>NeuroRehabilitation</i> , 2021, 48, 243-245.	1.3	2
200	Survey of clinical practice: pre- and postoperative physiotherapy for pelvic surgery. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , 2005, 84, 412-418.	2.8	2
201	Aging Alters Joint Power Generation across a Range of Gait Speeds in Healthy Elderly. <i>IFMBE Proceedings</i> , 2010, , 301-304.	0.3	2
202	EMG-triggered stimulation post spinal cord injury: A case report. <i>Physiotherapy Theory and Practice</i> , 2018, 34, 309-315.	1.3	1
203	Intracortical Circuits in the Contralesional Primary Motor Cortex in Patients With Chronic Stroke After Botulinum Toxin Type A Injection: Case Studies. <i>Frontiers in Human Neuroscience</i> , 2020, 14, 342.	2.0	1
204	Gait Symmetry in School-Aged Children and Young Adults Whilst Walking at Slow, Normal and Fast Speeds. <i>IFMBE Proceedings</i> , 2010, , 178-181.	0.3	1
205	Prevention of work-related musculoskeletal disorders among dental professionals: A scoping review. <i>Work</i> , 2022, , 1-18.	1.1	1
206	Vale Professor Patrick Wall. <i>Australian Journal of Physiotherapy</i> , 2001, 47, 303.	0.9	0
207	Listing on MEDLINE: A new milestone for the Australian Journal of Physiotherapy. <i>Australian Journal of Physiotherapy</i> , 2001, 47, 159-160.	0.9	0
208	Hand sensation in adults with conservatively treated obstetric brachial plexus lesion. <i>Developmental Medicine and Child Neurology</i> , 2013, 55, 203-203.	2.1	0
209	Re-thinking the brain. , 2014, , 71-83.		0
210	Challenges in Clinical Data Linkage in Australia. <i>International Journal of Big Data and Analytics in Healthcare</i> , 2016, 1, 18-29.	0.7	0
211	Interdisciplinary management for chronic pain in central neurological disorders: a retrospective study. <i>International Journal of Therapy and Rehabilitation</i> , 2020, 27, 1-7.	0.3	0
212	Reanimating hand function after spinal cord injury using nerve transfer surgery. <i>Advances in Clinical Neuroscience & Rehabilitation: ACNR</i> , 2020, 20, 17-19.	0.1	0