

# Michal Katz Leurer

## List of Publications by Year in descending order

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Version: 2024-02-01

46  
papers

1,100  
citations

471371

17  
h-index

414303

32  
g-index

47  
all docs

47  
docs citations

47  
times ranked

1167  
citing authors

#	ARTICLE	IF	CITATIONS
1	Reliability and validity of the modified functional reach test at the sub-acute stage post-stroke. <i>Disability and Rehabilitation</i> , 2009, 31, 243-248.	0.9	119
2	The effects of a 'home-based' task-oriented exercise programme on motor and balance performance in children with spastic cerebral palsy and severe traumatic brain injury. <i>Clinical Rehabilitation</i> , 2009, 23, 714-724.	1.0	92
3	The influence of early cycling training on balance in stroke patients at the subacute stage. Results of a preliminary trial. <i>Clinical Rehabilitation</i> , 2006, 20, 398-405.	1.0	91
4	The influence of early aerobic training on the functional capacity in patients with cerebrovascular accident at the subacute stage <sup>11</sup> No commercial party having a direct financial interest in the results of the research supporting this article has or will confer a benefit upon the author(s) or upon any organization with which the author(s) is/are associated.. <i>Archives of Physical Medicine and Rehabilitation</i> , 2003, 84, 1609-1614.	0.5	79
5	Aqua lymphatic therapy in women who suffer from breast cancer treatment-related lymphedema: a randomized controlled study. <i>Supportive Care in Cancer</i> , 2010, 18, 383-392.	1.0	74
6	Balance abilities and gait characteristics in post-traumatic brain injury, cerebral palsy and typically developed children. <i>Developmental Neurorehabilitation</i> , 2009, 12, 100-105.	0.5	67
7	The effect of early aerobic training on independence six months post stroke. <i>Clinical Rehabilitation</i> , 2003, 17, 735-741.	1.0	64
8	Relationship between balance abilities and gait characteristics in children with post-traumatic brain injury. <i>Brain Injury</i> , 2008, 22, 153-159.	0.6	59
9	Functional Balance Tests for Children with Traumatic Brain Injury: Within-Session Reliability. <i>Pediatric Physical Therapy</i> , 2008, 20, 254-258.	0.3	41
10	Cold exposure and low back pain in store workers in Israel. <i>American Journal of Industrial Medicine</i> , 2007, 50, 626-631.	1.0	38
11	The role of personal resilience and personality traits of healthcare students on their attitudes towards interprofessional collaboration. <i>Nurse Education Today</i> , 2018, 61, 36-42.	1.4	30
12	Heart rate and heart rate variability at rest and during exercise in boys who suffered a severe traumatic brain injury and typically-developed controls. <i>Brain Injury</i> , 2010, 24, 110-114.	0.6	27
13	Effect of concurrent cognitive tasks on temporo-spatial parameters of gait among children with cerebral palsy and typically developed controls. <i>Developmental Neurorehabilitation</i> , 2014, 17, 363-367.	0.5	26
14	The relationship between step variability, muscle strength and functional walking performance in children with post-traumatic brain injury. <i>Gait and Posture</i> , 2009, 29, 154-157.	0.6	25
15	The influence of autonomic impairment on aerobic exercise outcome in stroke patients. <i>NeuroRehabilitation</i> , 2007, 22, 267-272.	0.5	22
16	Heart rate variability in children with cerebral palsy: Review of the literature and meta-analysis. <i>NeuroRehabilitation</i> , 2014, 35, 113-122.	0.5	21
17	Recreational physical activities among children with a history of severe traumatic brain injury. <i>Brain Injury</i> , 2010, 24, 1561-1567.	0.6	19
18	Effect of concurrent cognitive tasks on gait features among children post-severe traumatic brain injury and typically-developed controls. <i>Brain Injury</i> , 2011, 25, 581-586.	0.6	17

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19	Heart rate and heart rate variability parameters at rest, during activity and passive standing among children with cerebral palsy GMFCS IV-V. <i>Developmental Neurorehabilitation</i> , 2014, 17, 398-402.	0.5	14
20	Association between cardiac autonomic control and cognitive performance among patients post stroke and age-matched healthy controls-an exploratory pilot study. <i>Neurological Sciences</i> , 2017, 38, 2037-2043.	0.9	13
21	Heart Rate Variability (HRV) parameters correlate with motor impairment and aerobic capacity in stroke patients. <i>NeuroRehabilitation</i> , 2005, 20, 91-95.	0.5	13
22	Self-measurement of upper extremity volume in women post-breast cancer: reliability and validity study. <i>Physiotherapy Theory and Practice</i> , 2015, 31, 283-287.	0.6	12
23	Hand-Held Dynamometry in Children with Traumatic Brain Injury: Within-Session Reliability. <i>Pediatric Physical Therapy</i> , 2008, 20, 259-263.	0.3	11
24	Monitoring changes in heart rate, as an indicator of the cardiovascular autonomic nervous function, among patients at the sub-acute phase post-brain damage during a physiotherapy session: A preliminary investigation. <i>Brain Injury</i> , 2014, 28, 127-131.	0.6	10
25	The influence of autonomic impairment on aerobic exercise outcome in stroke patients. <i>NeuroRehabilitation</i> , 2007, 22, 267-72.	0.5	10
26	Pediatric cardio-autonomic response to variable effort after severe traumatic brain injury. <i>Brain Injury</i> , 2016, 30, 1239-1242.	0.6	9
27	The immediate effect of treadmill walking on step variability in boys with a history of severe traumatic brain injury and typically-developed controls. <i>Developmental Neurorehabilitation</i> , 2010, 13, 170-174.	0.5	8
28	The effect of variable gait modes on walking parameters among children post severe traumatic brain injury and typically developed controls. <i>NeuroRehabilitation</i> , 2011, 29, 45-51.	0.5	8
29	The Influence of a Constraint and Bimanual Training Program Using a Variety of Modalities, on Upper Extremity Functions and Gait Parameters Among Children with Hemiparetic Cerebral Palsy: A Case Series. <i>Physical and Occupational Therapy in Pediatrics</i> , 2016, 36, 17-27.	0.8	8
30	Autonomic cardiac control response to walking and executive cognitive task in adolescents with acquired brain injury and typically developed controls. <i>Brain Injury</i> , 2018, 32, 770-775.	0.6	8
31	The cardiac autonomic nervous system response to different daily demands among patients at the sub-acute phase post ischemic stroke and healthy controls. <i>NeuroRehabilitation</i> , 2018, 42, 391-396.	0.5	7
32	Heart rate variability in children with cerebral palsy. <i>Developmental Medicine and Child Neurology</i> , 2019, 61, 730-731.	1.1	7
33	The integrated functions of the cardiac autonomic and vestibular/oculomotor systems in adolescents following severe traumatic brain injury and typically developing controls. <i>Brain Injury</i> , 2020, 34, 1480-1488.	0.6	7
34	Heart Rate Variability (HRV) parameters correlate with motor impairment and aerobic capacity in stroke patients. <i>NeuroRehabilitation</i> , 2005, 20, 91-5.	0.5	7
35	Feasibility, stability and validity of the four square step test in typically developed children and children with brain damage. <i>Brain Injury</i> , 2017, 31, 1356-1361.	0.6	6
36	The influence of a constraint and bimanual training program using a variety of modalities on endurance and on the cardiac autonomic regulation system of children with unilateral cerebral palsy: A self-control clinical trial. <i>NeuroRehabilitation</i> , 2017, 41, 119-126.	0.5	6

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37	Preparedness of health professions students for interprofessional collaboration: a mixed method study. <i>Teaching in Higher Education</i> , 2023, 28, 66-84.	1.7	6
38	Lesion configuration effect on stroke-related cardiac autonomic dysfunction. <i>Brain Research</i> , 2020, 1733, 1467-11.	1.1	6
39	Early cycling test as a predictor of walking performance in stroke patients. <i>Physiotherapy Research International</i> , 2005, 10, 1-9.	0.7	5
40	The Influence of Intense Combined Training on Upper Extremity Function in Children With Unilateral Cerebral Palsy: Does Initial Ability Matter?. <i>Physical and Occupational Therapy in Pediatrics</i> , 2016, 36, 376-387.	0.8	3
41	Changes in the cardiac autonomic control system during rehabilitation in children after severe traumatic brain injury. <i>Annals of Physical and Rehabilitation Medicine</i> , 2023, 66, 101652.	1.1	2
42	The impact of breathing rate on the cardiac autonomic dynamics among children with cerebral palsy compared to typically developed controls. <i>Developmental Neurorehabilitation</i> , 2019, 22, 98-103.	0.5	1
43	The correlation between rhythm perception and gait characteristics at different rhythms among children with cerebral palsy and typically developing children. <i>Gait and Posture</i> , 2020, 82, 83-89.	0.6	1
44	Development of a prediction model for ascent and descent staircase independence during the sub-acute rehabilitation phase in individuals post-stroke. <i>NeuroRehabilitation</i> , 2021, 48, 523-532.	0.5	0
45	The development and the inter-rater agreement of a treatment protocol for vestibular/oculomotor rehabilitation in children and adolescents post-moderate-severe TBI. <i>Brain Injury</i> , 2021, , 1-10.	0.6	0
46	High frequency band limits in spectral analysis of heart rate variability in preterm infants. <i>Journal of Perinatal Medicine</i> , 2022, 50, 351-355.	0.6	0