

Thad W Buster

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1174895/publications.pdf>

Version: 2024-02-01

26
papers

348
citations

840776

11
h-index

839539

18
g-index

26
all docs

26
docs citations

26
times ranked

228
citing authors

#	ARTICLE	IF	CITATIONS
1	Muscle demand and kinematic similarities between pediatric-modified motor-assisted elliptical training at fast speed and fast overground walking: Real-world implications for pediatric gait rehabilitation. <i>Journal of Electromyography and Kinesiology</i> , 2022, 63, 102639.	1.7	1
2	Effect of gap-filling technique and gap location on linear and nonlinear calculations of motion during locomotor activities. <i>Gait and Posture</i> , 2022, 94, 85-92.	1.4	1
3	Test-retest reliability and minimal detectable change of the computerized dynamic posturography PROPRIO for adults with chronic traumatic brain injury. <i>Disability and Rehabilitation</i> , 2021, 43, 2038-2044.	1.8	0
4	Feasibility of motor-assisted elliptical to improve walking, fitness and balance following pediatric acquired brain injury: A case series. <i>Journal of Pediatric Rehabilitation Medicine</i> , 2021, 14, 539-551.	0.5	2
5	Cardiorespiratory fitness, balance and walking improvements in an adolescent with cerebral palsy (GMFCS II) and autism after motor-assisted elliptical training. <i>European Journal of Physiotherapy</i> , 2020, 22, 124-132.	1.3	9
6	Variations in plantar pressure variables across elliptical trainers in older adults. <i>Clinical Biomechanics</i> , 2020, 80, 105142.	1.2	2
7	Comparison of plantar pressure profile of young adults during training on elliptical devices and overground walking: A pilot study. <i>Foot</i> , 2020, 45, 101716.	1.1	3
8	Therapeutic massage to enhance family caregivers'™ well-being in a rehabilitation hospital. <i>Complementary Therapies in Clinical Practice</i> , 2019, 35, 361-367.	1.7	3
9	Impact of ICARE Training Speed and Motor Assistance on Cardiovascular Response. <i>Cardiopulmonary Physical Therapy Journal</i> , 2019, 30, 115-122.	0.3	7
10	Adapted Motor-Assisted Elliptical for Rehabilitation of Children With Physical Disabilities. <i>Journal of Medical Devices, Transactions of the ASME</i> , 2019, 13, .	0.7	6
11	Walking and Fitness Improvements in a Child With Diplegic Cerebral Palsy Following Motor-Assisted Elliptical Intervention. <i>Pediatric Physical Therapy</i> , 2018, 30, E1-E7.	0.6	9
12	Kinematic and muscle demand similarities between motor-assisted elliptical training and walking: Implications for pediatric gait rehabilitation. <i>Gait and Posture</i> , 2017, 51, 194-200.	1.4	13
13	Correlation of Spinal Cord Injury Inpatient Rehabilitation and Resting Energy Expenditure. <i>Archives of Physical Medicine and Rehabilitation</i> , 2017, 98, e170.	0.9	0
14	Individuals with Multiple Sclerosis Improved Walking Endurance And Decreased Fatigue Following Motor-Assisted Elliptical Training Intervention. <i>Archives of Physical Medicine and Rehabilitation</i> , 2016, 97, e34.	0.9	8
15	Computerized dynamic posturography detects balance deficits in individuals with a history of chronic severe traumatic brain injury. <i>Brain Injury</i> , 2016, 30, 1249-1255.	1.2	12
16	Partial body weight support treadmill training speed influences paretic and non-paretic leg muscle activation, stride characteristics, and ratings of perceived exertion during acute stroke rehabilitation. <i>Human Movement Science</i> , 2016, 47, 16-28.	1.4	21
17	Novel Motor-Assisted Elliptical Training Intervention Improves 6-Minute Walk Test and Oxygen Cost for an Individual With Progressive Supranuclear Palsy. <i>Cardiopulmonary Physical Therapy Journal</i> , 2015, 26, 36-41.	0.3	18
18	Modification of the ICARE System for Pediatric Therapy. <i>Journal of Medical Devices, Transactions of the ASME</i> , 2015, 9, .	0.7	5

#	ARTICLE	IF	CITATIONS
19	Comparative analysis of speed's impact on muscle demands during partial body weight support motor-assisted elliptical training. <i>Gait and Posture</i> , 2014, 39, 314-320.	1.4	21
20	Lower Extremity Kinematics During Walking and Elliptical Training in Individuals With and Without Traumatic Brain Injury. <i>Journal of Neurologic Physical Therapy</i> , 2013, 37, 176-186.	1.4	12
21	Comparative Kinematic and Electromyographic Assessment of Clinician- and Device-Assisted Sit-to-Stand Transfers in Patients With Stroke. <i>Physical Therapy</i> , 2013, 93, 1331-1341.	2.4	32
22	Kinematic and electromyographic analyses of normal and device-assisted sit-to-stand transfers. <i>Gait and Posture</i> , 2012, 36, 516-522.	1.4	43
23	Impact of Elliptical Trainer Ergonomic Modifications on Perceptions of Safety, Comfort, Workout, and Usability for People With Physical Disabilities and Chronic Conditions. <i>Physical Therapy</i> , 2011, 91, 1604-1617.	2.4	22
24	Modified Elliptical Machine Motor-Drive Design for Assistive Gait Rehabilitation. <i>Journal of Medical Devices, Transactions of the ASME</i> , 2011, 5, .	0.7	19
25	Similarity of Joint Kinematics and Muscle Demands Between Elliptical Training and Walking: Implications for Practice. <i>Physical Therapy</i> , 2010, 90, 289-305.	2.4	74
26	Comparison of Ankle Muscle Electromyographic Activity Across Five Cardiovascular Exercises. <i>Medicine and Science in Sports and Exercise</i> , 2009, 41, 497.	0.4	5