

Nina Lefeber

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

296
citations

1040056

9
h-index

888059

17
g-index

21
all docs

21
docs citations

21
times ranked

446
citing authors

#	ARTICLE	IF	CITATIONS
1	The immediate effects of robot-assistance on energy consumption and cardiorespiratory load during walking compared to walking without robot-assistance: a systematic review. <i>Disability and Rehabilitation: Assistive Technology</i> , 2017, 12, 657-671.	2.2	48
2	Validity and Reproducibility of Inertial Physilog Sensors for Spatiotemporal Gait Analysis in Patients With Stroke. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2019, 27, 1865-1874.	4.9	37
3	Virtual reality during gait training: does it improve gait function in persons with central nervous system movement disorders? A systematic review and meta-analysis. <i>NeuroRehabilitation</i> , 2019, 44, 43-66.	1.3	35
4	Bilateral, Misalignment-Compensating, Full-DOF Hip Exoskeleton: Design and Kinematic Validation. <i>Applied Bionics and Biomechanics</i> , 2017, 2017, 1-14.	1.1	31
5	Motivation, expectations, and usability of a driven gait orthosis in stroke patients and their therapists. <i>Topics in Stroke Rehabilitation</i> , 2017, 24, 299-308.	1.9	24
6	Metabolic Effects Induced by a Kinetically Compatible Hip Exoskeleton During STS. <i>IEEE Transactions on Biomedical Engineering</i> , 2018, 65, 1399-1409.	4.2	19
7	Energy consumption and cost during walking with different modalities of assistance after stroke: a systematic review and meta-analysis. <i>Disability and Rehabilitation</i> , 2020, 42, 1650-1666.	1.8	18
8	Physiological Responses and Perceived Exertion During Robot-Assisted and Body Weight-Supported Gait After Stroke. <i>Neurorehabilitation and Neural Repair</i> , 2018, 32, 1043-1054.	2.9	16
9	What is the opinion of patients with multiple sclerosis and their healthcare professionals about lower limb orthoses? A qualitative study using focus group discussions. <i>NeuroRehabilitation</i> , 2018, 42, 81-92.	1.3	10
10	The Effect of Optic Flow Speed on Active Participation During Robot-Assisted Treadmill Walking in Healthy Adults. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2020, 28, 221-227.	4.9	10
11	Male and female opinions about orthotic devices of the lower limb: A multicentre, observational study in patients with central neurological movement disorders. <i>NeuroRehabilitation</i> , 2018, 42, 121-130.	1.3	9
12	Muscle changes after stroke and their impact on recovery: time for a paradigm shift? Review and commentary. <i>Topics in Stroke Rehabilitation</i> , 2021, 28, 104-111.	1.9	9
13	Effect of Transcutaneous Electric Nerve Stimulation on Pain after Total Knee Arthroplasty: A Blind Randomized Controlled Trial. <i>Journal of Knee Surgery</i> , 2018, 31, 189-196.	1.6	8
14	Robot-Assisted Overground Walking: Physiological Responses and Perceived Exertion in Nonambulatory Stroke Survivors. <i>IEEE Robotics and Automation Magazine</i> , 2020, 27, 22-31.	2.0	6
15	Physiological responses and perceived exertion during robot-assisted treadmill walking in non-ambulatory stroke survivors. <i>Disability and Rehabilitation</i> , 2021, 43, 1576-1584.	1.8	6
16	Validity and test-retest reliability of the Stride Analyzer in people with knee osteoarthritis. <i>Gait and Posture</i> , 2016, 49, 155-158.	1.4	4
17	A systematic review investigating the relationship between efficacy and stimulation parameters when using transcutaneous electrical nerve stimulation after knee arthroplasty. <i>SAGE Open Medicine</i> , 2014, 2, 205031211453931.	1.8	3
18	Benefits of robotic gait rehabilitation in cerebral palsy: lessons to be learned. <i>Developmental Medicine and Child Neurology</i> , 2021, 63, 248-249.	2.1	2

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19	Intrinsic motivation for using a wearable hip exoskeleton. <i>Technology and Disability</i> , 2022, 34, 123-131.	0.6	1