

# Lucas H V Van Der Woude

## List of Publications by Citations

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256  
papers

6,445  
citations

44  
h-index

63  
g-index

271  
ext. papers

7,344  
ext. citations

2.7  
avg, IF

5.72  
L-index

#	Paper	IF	Citations
256	Physical capacity and walking ability after lower limb amputation: a systematic review. <i>Clinical Rehabilitation</i> , <b>2006</b> , 20, 999-1016	3.3	161
255	Wheelchair ergonomics and physiological testing of prototypes. <i>Ergonomics</i> , <b>1986</b> , 29, 1561-73	2.9	154
254	Physical capacity in wheelchair-dependent persons with a spinal cord injury: a critical review of the literature. <i>Spinal Cord</i> , <b>2006</b> , 44, 642-52	2.7	142
253	A prospective study on physical activity levels after spinal cord injury during inpatient rehabilitation and the year after discharge. <i>Archives of Physical Medicine and Rehabilitation</i> , <b>2008</b> , 89, 2094-101	2.8	136
252	Mechanical load on the upper extremity during wheelchair activities. <i>Archives of Physical Medicine and Rehabilitation</i> , <b>2005</b> , 86, 1214-20	2.8	104
251	Complications following spinal cord injury: occurrence and risk factors in a longitudinal study during and after inpatient rehabilitation. <i>Acta Dermato-Venereologica</i> , <b>2007</b> , 39, 393-8	2.2	102
250	A 9-Week Aerobic and Strength Training Program Improves Cognitive and Motor Function in Patients with Dementia: A Randomized, Controlled Trial. <i>American Journal of Geriatric Psychiatry</i> , <b>2015</b> , 23, 1106-16	6.5	97
249	Manual wheelchairs: Research and innovation in rehabilitation, sports, daily life and health. <i>Medical Engineering and Physics</i> , <b>2006</b> , 28, 905-15	2.4	97
248	Upper extremity musculoskeletal pain during and after rehabilitation in wheelchair-using persons with a spinal cord injury. <i>Spinal Cord</i> , <b>2006</b> , 44, 152-9	2.7	96
247	Alternative modes of manual wheelchair ambulation: an overview. <i>American Journal of Physical Medicine and Rehabilitation</i> , <b>2001</b> , 80, 765-77	2.6	93
246	Pushing and pulling in association with low back and shoulder complaints. <i>Occupational and Environmental Medicine</i> , <b>2002</b> , 59, 696-702	2.1	86
245	Computer-controlled wheelchair ergometer. <i>Medical and Biological Engineering and Computing</i> , <b>1990</b> , 28, 329-38	3.1	86
244	Submaximal physical strain and peak performance in handcycling versus handrim wheelchair propulsion. <i>Spinal Cord</i> , <b>2004</b> , 42, 91-8	2.7	79
243	Effect of handrim velocity on mechanical efficiency in wheelchair propulsion. <i>Medicine and Science in Sports and Exercise</i> , <b>1992</b> , 24, 1007-107	1.2	78
242	Wheelchair skills tests: a systematic review. <i>Clinical Rehabilitation</i> , <b>2003</b> , 17, 418-30	3.3	75
241	A kinetic analysis of manual wheelchair propulsion during start-up on select indoor and outdoor surfaces. <i>Journal of Rehabilitation Research and Development</i> , <b>2005</b> , 42, 447-58		74
240	Changes in physical capacity during and after inpatient rehabilitation in subjects with a spinal cord injury. <i>Archives of Physical Medicine and Rehabilitation</i> , <b>2006</b> , 87, 741-8	2.8	73

239	Wheelchair propulsion technique and mechanical efficiency after 3 wk of practice. <i>Medicine and Science in Sports and Exercise</i> , <b>2002</b> , 34, 756-66	1.2	72
238	Manual wheelchair propulsion: effects of power output on physiology and technique. <i>Medicine and Science in Sports and Exercise</i> , <b>1988</b> , 20, 70-8	1.2	70
237	Demographics of the Dutch multicenter prospective cohort study Restoration of mobility in spinal cord injury rehabilitation <i>Spinal Cord</i> , <b>2006</b> , 44, 668-75	2.7	68
236	The ergonomics of wheelchair configuration for optimal performance in the wheelchair court sports. <i>Sports Medicine</i> , <b>2013</b> , 43, 23-38	10.6	67
235	Glenohumeral contact forces and muscle forces evaluated in wheelchair-related activities of daily living in able-bodied subjects versus subjects with paraplegia and tetraplegia. <i>Archives of Physical Medicine and Rehabilitation</i> , <b>2005</b> , 86, 1434-40	2.8	67
234	Life satisfaction in people with spinal cord injury during the first five years after discharge from inpatient rehabilitation. <i>Disability and Rehabilitation</i> , <b>2012</b> , 34, 76-83	2.4	66
233	A systematic review of wheelchair skills tests for manual wheelchair users with a spinal cord injury: towards a standardized outcome measure. <i>Clinical Rehabilitation</i> , <b>2010</b> , 24, 867-86	3.3	66
232	Mechanical efficiency and propulsion technique after 7 weeks of low-intensity wheelchair training. <i>Clinical Biomechanics</i> , <b>2008</b> , 23, 434-41	2.2	65
231	Consequence of feedback-based learning of an effective hand rim wheelchair force production on mechanical efficiency. <i>Clinical Biomechanics</i> , <b>2002</b> , 17, 219-26	2.2	65
230	The Wheelchair Circuit: Construct validity and responsiveness of a test to assess manual wheelchair mobility in persons with spinal cord injury. <i>Archives of Physical Medicine and Rehabilitation</i> , <b>2004</b> , 85, 424-31	2.8	63
229	Effects of hand cycle training on physical capacity in individuals with tetraplegia: a clinical trial. <i>Physical Therapy</i> , <b>2009</b> , 89, 1051-60	3.3	58
228	Relationships between activities, participation, personal factors, mental health, and life satisfaction in persons with spinal cord injury. <i>Archives of Physical Medicine and Rehabilitation</i> , <b>2012</b> , 93, 82-9	2.8	56
227	Relationship between manual wheelchair skill performance and participation of persons with spinal cord injuries 1 year after discharge from inpatient rehabilitation. <i>Journal of Rehabilitation Research and Development</i> , <b>2005</b> , 42, 65-73		56
226	Occurrence and predictors of pressure ulcers during primary in-patient spinal cord injury rehabilitation. <i>Spinal Cord</i> , <b>2011</b> , 49, 106-12	2.7	55
225	Energy cost of balance control during walking decreases with external stabilizer stiffness independent of walking speed. <i>Journal of Biomechanics</i> , <b>2013</b> , 46, 2109-14	2.9	54
224	The wheelchair circuit: reliability of a test to assess mobility in persons with spinal cord injuries. <i>Archives of Physical Medicine and Rehabilitation</i> , <b>2002</b> , 83, 1783-8	2.8	53
223	Relation between aerobic capacity and walking ability in older adults with a lower-limb amputation. <i>Archives of Physical Medicine and Rehabilitation</i> , <b>2013</b> , 94, 1714-20	2.8	51
222	Effect of wheelchair mass, tire type and tire pressure on physical strain and wheelchair propulsion technique. <i>Medical Engineering and Physics</i> , <b>2013</b> , 35, 1476-82	2.4	48

221	Shoulder load during synchronous handcycling and handrim wheelchair propulsion in persons with paraplegia. <i>Journal of Rehabilitation Medicine</i> , <b>2012</b> , 44, 222-8	3.4	48
220	Evaluation of the physical activity scale for individuals with physical disabilities in people with spinal cord injury. <i>Spinal Cord</i> , <b>2010</b> , 48, 542-7	2.7	48
219	Counselling increases physical activity behaviour nine weeks after rehabilitation. <i>British Journal of Sports Medicine</i> , <b>2006</b> , 40, 223-9	10.3	48
218	Physical performance during rehabilitation in persons with spinal cord injuries. <i>Medicine and Science in Sports and Exercise</i> , <b>1999</b> , 31, 1330-5	1.2	47
217	A qualitative examination of wheelchair configuration for optimal mobility performance in wheelchair sports: a pilot study. <i>Journal of Rehabilitation Medicine</i> , <b>2010</b> , 42, 141-9	3.4	46
216	Differences in performance between trained and untrained subjects during a 30-s sprint test in a wheelchair ergometer. <i>European Journal of Applied Physiology and Occupational Physiology</i> , <b>1992</b> , 64, 158-64		45
215	Optimum cycle frequencies in hand-rim wheelchair propulsion. Wheelchair propulsion technique. <i>European Journal of Applied Physiology and Occupational Physiology</i> , <b>1989</b> , 58, 625-32		45
214	Secondary health conditions in persons with a spinal cord injury for at least 10 years: design of a comprehensive long-term cross-sectional study. <i>Disability and Rehabilitation</i> , <b>2013</b> , 35, 1104-10	2.4	44
213	Lipid, lipoprotein, and apolipoprotein profiles in active and sedentary men with tetraplegia. <i>Archives of Physical Medicine and Rehabilitation</i> , <b>1997</b> , 78, 1173-6	2.8	44
212	Relationship between physical strain during standardised ADL tasks and physical capacity in men with spinal cord injuries. <i>Spinal Cord</i> , <b>1994</b> , 32, 844-59	2.7	44
211	Effect of balance support on the energy cost of walking after stroke. <i>Archives of Physical Medicine and Rehabilitation</i> , <b>2013</b> , 94, 2255-61	2.8	43
210	Initial Skill Acquisition of Handrim Wheelchair Propulsion: A New Perspective. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , <b>2014</b> , 22, 104-13	4.8	42
209	Trajectories in the course of life satisfaction after spinal cord injury: identification and predictors. <i>Archives of Physical Medicine and Rehabilitation</i> , <b>2011</b> , 92, 207-13	2.8	42
208	The longitudinal relation between physical capacity and wheelchair skill performance during inpatient rehabilitation of people with spinal cord injury. <i>Archives of Physical Medicine and Rehabilitation</i> , <b>2005</b> , 86, 1575-81	2.8	42
207	A physiological comparison of synchronous and asynchronous hand cycling. <i>International Journal of Sports Medicine</i> , <b>2004</b> , 25, 622-6	3.6	41
206	Duration and functional outcome of spinal cord injury rehabilitation in the Netherlands. <i>Journal of Rehabilitation Research and Development</i> , <b>2005</b> , 42, 75-85		41
205	Effect of wheelchair stroke pattern on mechanical efficiency. <i>American Journal of Physical Medicine and Rehabilitation</i> , <b>2004</b> , 83, 640-9	2.6	41
204	Return to work after spinal cord injury: is it related to wheelchair capacity at discharge from clinical rehabilitation?. <i>American Journal of Physical Medicine and Rehabilitation</i> , <b>2009</b> , 88, 47-56	2.6	40

203	The individual relationship between heart rate and oxygen uptake in people with a tetraplegia during exercise. <i>Spinal Cord</i> , <b>2007</b> , 45, 104-11	2.7	40
202	Validity of the mental health subscale of the SF-36 in persons with spinal cord injury. <i>Spinal Cord</i> , <b>2012</b> , 50, 707-10	2.7	39
201	Adaptations in physiology and propulsion techniques during the initial phase of learning manual wheelchair propulsion. <i>American Journal of Physical Medicine and Rehabilitation</i> , <b>2003</b> , 82, 504-10	2.6	39
200	Physical capacity and physical strain in persons with tetraplegia; the role of sport activity. <i>Spinal Cord</i> , <b>1996</b> , 34, 729-35	2.7	39
199	Within-cycle characteristics of the wheelchair push in sprinting on a wheelchair ergometer. <i>Medicine and Science in Sports and Exercise</i> , <b>1991</b> , 23, 264-271	1.2	39
198	The combined effects of guidance force, bodyweight support and gait speed on muscle activity during able-bodied walking in the Lokomat. <i>Clinical Biomechanics</i> , <b>2016</b> , 36, 65-73	2.2	38
197	Variability in bimanual wheelchair propulsion: consistency of two instrumented wheels during handrim wheelchair propulsion on a motor driven treadmill. <i>Journal of NeuroEngineering and Rehabilitation</i> , <b>2013</b> , 10, 9	5.3	38
196	Wheelchair propulsion: effects of experience and push strategy on efficiency and perceived exertion. <i>Applied Physiology, Nutrition and Metabolism</i> , <b>2008</b> , 33, 870-9	3	38
195	Prospective analysis of body mass index during and up to 5 years after discharge from inpatient spinal cord injury rehabilitation. <i>Journal of Rehabilitation Medicine</i> , <b>2010</b> , 42, 922-8	3.4	37
194	Influence of hand cycling on physical capacity in the rehabilitation of persons with a spinal cord injury: a longitudinal cohort study. <i>Archives of Physical Medicine and Rehabilitation</i> , <b>2008</b> , 89, 1016-22	2.8	37
193	Feasibility of a combined aerobic and strength training program and its effects on cognitive and physical function in institutionalized dementia patients. A pilot study. <i>PLoS ONE</i> , <b>2014</b> , 9, e97577	3.7	37
192	Propulsion technique and anaerobic work capacity in elite wheelchair athletes: cross-sectional analysis. <i>American Journal of Physical Medicine and Rehabilitation</i> , <b>1998</b> , 77, 222-34	2.6	36
191	Active Lifestyle Rehabilitation interventions in aging spinal cord injury (ALLRISC): a multicentre research program. <i>Disability and Rehabilitation</i> , <b>2013</b> , 35, 1097-103	2.4	35
190	Most essential wheeled mobility skills for daily life: an international survey among paralympic wheelchair athletes with spinal cord injury. <i>Archives of Physical Medicine and Rehabilitation</i> , <b>2012</b> , 93, 629-35	2.8	34
189	Social support and life satisfaction in spinal cord injury during and up to one year after inpatient rehabilitation. <i>Journal of Rehabilitation Medicine</i> , <b>2010</b> , 42, 265-71	3.4	34
188	The internal consistency and validity of the Self-Assessment Parkinson Disease Disability Scale. <i>Clinical Rehabilitation</i> , <b>2001</b> , 15, 221-8	3.3	34
187	Propulsion technique in hand rim wheelchair ambulation. <i>Journal of Medical Engineering and Technology</i> , <b>1989</b> , 13, 136-41	1.8	34
186	Inter-individual differences in the initial 80 minutes of motor learning of handrim wheelchair propulsion. <i>PLoS ONE</i> , <b>2014</b> , 9, e89729	3.7	34

185	Effectiveness of a multidisciplinary occupational training program for chronic low back pain: a prospective cohort study. <i>American Journal of Physical Medicine and Rehabilitation</i> , <b>2004</b> , 83, 94-103	2.6	33
184	Adaptive control of dynamic balance in human gait on a split-belt treadmill. <i>Journal of Experimental Biology</i> , <b>2018</b> , 221,	3	33
183	The push force pattern in manual wheelchair propulsion as a balance between cost and effect. <i>Journal of Biomechanics</i> , <b>2003</b> , 36, 239-47	2.9	32
182	Comparison of muscle strength, sprint power and aerobic capacity in adults with and without cerebral palsy. <i>Journal of Rehabilitation Medicine</i> , <b>2012</b> , 44, 932-8	3.4	31
181	Physical work capacity after 7 wk of wheelchair training: effect of intensity in able-bodied subjects. <i>Medicine and Science in Sports and Exercise</i> , <b>1999</b> , 31, 331-41	1.2	31
180	Effects of handrail hold and light touch on energetics, step parameters, and neuromuscular activity during walking after stroke. <i>Journal of NeuroEngineering and Rehabilitation</i> , <b>2015</b> , 12, 70	5.3	30
179	Longitudinal relationship between wheelchair exercise capacity and life satisfaction in patients with spinal cord injury: A cohort study in the Netherlands. <i>Journal of Spinal Cord Medicine</i> , <b>2014</b> , 37, 328-37	1.9	30
178	Trajectories of musculoskeletal shoulder pain after spinal cord injury: Identification and predictors. <i>Journal of Spinal Cord Medicine</i> , <b>2014</b> , 37, 288-98	1.9	30
177	Time-courses of lung function and respiratory muscle pressure generating capacity after spinal cord injury: a prospective cohort study. <i>Journal of Rehabilitation Medicine</i> , <b>2008</b> , 40, 269-76	3.4	30
176	Power output and metabolic cost of synchronous and asynchronous submaximal and peak level hand cycling on a motor driven treadmill in able-bodied male subjects. <i>Medical Engineering and Physics</i> , <b>2008</b> , 30, 574-80	2.4	30
175	Differences in muscle activity and temporal step parameters between Lokomat guided walking and treadmill walking in post-stroke hemiparetic patients and healthy walkers. <i>Journal of NeuroEngineering and Rehabilitation</i> , <b>2017</b> , 14, 32	5.3	29
174	Seat height: effects on submaximal hand rim wheelchair performance during spinal cord injury rehabilitation. <i>Journal of Rehabilitation Medicine</i> , <b>2009</b> , 41, 143-9	3.4	29
173	. <i>Journal of Rehabilitation Research and Development</i> , <b>2008</b> , 45, 1335		29
172	Shoulder complaints in wheelchair athletes: A systematic review. <i>PLoS ONE</i> , <b>2017</b> , 12, e0188410	3.7	28
171	Aerobic work capacity in elite wheelchair athletes: a cross-sectional analysis. <i>American Journal of Physical Medicine and Rehabilitation</i> , <b>2002</b> , 81, 261-71	2.6	28
170	Standardization of measuring power output during wheelchair propulsion on a treadmill Pitfalls in a multi-center study. <i>Medical Engineering and Physics</i> , <b>2006</b> , 28, 604-12	2.4	27
169	Hand rim configuration: effects on physical strain and technique in unimpaired subjects?. <i>Medical Engineering and Physics</i> , <b>2003</b> , 25, 765-74	2.4	27
168	A systematic review on the pros and cons of using a pushrim-activated power-assisted wheelchair. <i>Clinical Rehabilitation</i> , <b>2013</b> , 27, 299-313	3.3	26

167	Is manual wheelchair satisfaction related to active lifestyle and participation in people with a spinal cord injury?. <i>Spinal Cord</i> , <b>2011</b> , 49, 560-5	2.7	26
166	Effects of hand cycle training on wheelchair capacity during clinical rehabilitation in persons with a spinal cord injury. <i>Disability and Rehabilitation</i> , <b>2010</b> , 32, 2191-200	2.4	26
165	Respiratory muscle strength and endurance in individuals with tetraplegia. <i>Spinal Cord</i> , <b>1997</b> , 35, 104-8	2.7	26
164	Glenohumeral joint loading in tetraplegia during weight relief lifting: a simulation study. <i>Clinical Biomechanics</i> , <b>2006</b> , 21, 128-37	2.2	26
163	Influence of glove type on mobility performance for wheelchair rugby players. <i>American Journal of Physical Medicine and Rehabilitation</i> , <b>2009</b> , 88, 559-70	2.6	25
162	Short-term adaptations in co-ordination during the initial phase of learning manual wheelchair propulsion. <i>Journal of Electromyography and Kinesiology</i> , <b>2003</b> , 13, 217-28	2.5	25
161	The therapeutic validity and effectiveness of physiotherapeutic exercise following total hip arthroplasty for osteoarthritis: A systematic review. <i>PLoS ONE</i> , <b>2018</b> , 13, e0194517	3.7	24
160	Shoulder load during handcycling at different incline and speed conditions. <i>Clinical Biomechanics</i> , <b>2012</b> , 27, 1-6	2.2	24
159	Force application during handcycling and handrim wheelchair propulsion: an initial comparison. <i>Journal of Applied Biomechanics</i> , <b>2013</b> , 29, 687-95	1.2	24
158	Load on the shoulder complex during wheelchair propulsion and weight relief lifting. <i>Clinical Biomechanics</i> , <b>2011</b> , 26, 452-7	2.2	24
157	Hand-cycling: an active form of wheeled mobility, recreation, and sports. <i>Physical Medicine and Rehabilitation Clinics of North America</i> , <b>2010</b> , 21, 127-40	2.3	24
156	Design of a process evaluation of the implementation of a physical activity and sports stimulation programme in Dutch rehabilitation setting: ReSpAct. <i>Implementation Science</i> , <b>2014</b> , 9, 127	8.4	23
155	Early motor learning changes in upper-limb dynamics and shoulder complex loading during handrim wheelchair propulsion. <i>Journal of NeuroEngineering and Rehabilitation</i> , <b>2015</b> , 12, 26	5.3	22
154	Protocol of a longitudinal cohort study on physical activity behaviour in physically disabled patients participating in a rehabilitation counselling programme: ReSpAct. <i>BMJ Open</i> , <b>2015</b> , 5, e007591	3	22
153	Physical fitness in people with a spinal cord injury: the association with complications and duration of rehabilitation. <i>Clinical Rehabilitation</i> , <b>2007</b> , 21, 932-40	3.3	22
152	Development, construct validity and test-retest reliability of a field-based wheelchair mobility performance test for wheelchair basketball. <i>Journal of Sports Sciences</i> , <b>2018</b> , 36, 23-32	3.6	21
151	Adapted manual wheelchair circuit: test-retest reliability and discriminative validity in persons with spinal cord injury. <i>Archives of Physical Medicine and Rehabilitation</i> , <b>2011</b> , 92, 1270-80	2.8	21
150	The longitudinal relationship between lipid profile and physical capacity in persons with a recent spinal cord injury. <i>Spinal Cord</i> , <b>2008</b> , 46, 344-51	2.7	21

149	Physical strain and mechanical efficiency in hubcrank and handrim wheelchair propulsion. <i>Journal of Medical Engineering and Technology</i> , <b>1995</b> , 19, 123-31	1.8	21
148	Can external lateral stabilization reduce the energy cost of walking in persons with a lower limb amputation?. <i>Gait and Posture</i> , <b>2014</b> , 40, 616-21	2.6	20
147	Effects of hybrid cycling versus handcycling on wheelchair-specific fitness and physical activity in people with long-term spinal cord injury: a 16-week randomized controlled trial. <i>Spinal Cord</i> , <b>2015</b> , 53, 395-401	2.7	20
146	The effect of crank position and backrest inclination on shoulder load and mechanical efficiency during handcycling. <i>Scandinavian Journal of Medicine and Science in Sports</i> , <b>2014</b> , 24, 386-94	4.6	20
145	Changes in life satisfaction in persons with spinal cord injury during and after inpatient rehabilitation: adaptation or measurement bias?. <i>Quality of Life Research</i> , <b>2012</b> , 21, 1499-508	3.7	20
144	Passive shoulder range of motion impairment in spinal cord injury during and one year after rehabilitation. <i>Journal of Rehabilitation Medicine</i> , <b>2009</b> , 41, 438-44	3.4	20
143	Hand-rim wheelchair propulsion capacity during rehabilitation of persons with spinal cord injury. <i>Journal of Rehabilitation Research and Development</i> , <b>2005</b> , 42, 55-63		20
142	Physiological evaluation of a newly designed lever mechanism for wheelchairs. <i>Journal of Medical Engineering and Technology</i> , <b>1993</b> , 17, 232-40	1.8	20
141	Physical capacity after 7 weeks of low-intensity wheelchair training. <i>Disability and Rehabilitation</i> , <b>2010</b> , 32, 2244-52	2.4	19
140	Functional independence and health-related functional status following spinal cord injury: a prospective study of the association with physical capacity. <i>Journal of Rehabilitation Medicine</i> , <b>2008</b> , 40, 812-8	3.4	19
139	Influence of wheel configuration on wheelchair basketball performance: wheel stiffness, tyre type and tyre orientation. <i>Medical Engineering and Physics</i> , <b>2015</b> , 37, 392-9	2.4	18
138	Metabolic syndrome in people with a long-standing spinal cord injury: associations with physical activity and capacity. <i>Applied Physiology, Nutrition and Metabolism</i> , <b>2016</b> , 41, 1190-1196	3	18
137	Trajectories in the course of body mass index after spinal cord injury. <i>Archives of Physical Medicine and Rehabilitation</i> , <b>2014</b> , 95, 1083-92	2.8	18
136	Peak oxygen consumption in older adults with a lower limb amputation. <i>Archives of Physical Medicine and Rehabilitation</i> , <b>2012</b> , 93, 1924-9	2.8	18
135	Lokomat guided gait in hemiparetic stroke patients: the effects of training parameters on muscle activity and temporal symmetry. <i>Disability and Rehabilitation</i> , <b>2020</b> , 42, 2977-2985	2.4	18
134	Can a 15m-overground wheelchair sprint be used to assess wheelchair-specific anaerobic work capacity?. <i>Medical Engineering and Physics</i> , <b>2014</b> , 36, 432-8	2.4	17
133	A power balance model for handcycling. <i>Disability and Rehabilitation</i> , <b>2010</b> , 32, 2165-71	2.4	17
132	Influence of task complexity on mechanical efficiency and propulsion technique during learning of hand rim wheelchair propulsion. <i>Medical Engineering and Physics</i> , <b>2005</b> , 27, 41-9	2.4	17



131	Effect of power-assisted hand-rim wheelchair propulsion on shoulder load in experienced wheelchair users: A pilot study with an instrumented wheelchair. <i>Medical Engineering and Physics</i> , <b>2015</b> , 37, 961-8	2.4	16
130	The Groningen Meander Walking Test: a dynamic walking test for older adults with dementia. <i>Physical Therapy</i> , <b>2014</b> , 94, 262-72	3.3	16
129	Effects of four-month handbike training under free-living conditions on physical fitness and health in wheelchair users. <i>Disability and Rehabilitation</i> , <b>2017</b> , 39, 1581-1588	2.4	16
128	Comparison of two Dutch follow-up care models for spinal cord-injured patients and their impact on health problems, re-admissions and quality of care. <i>Clinical Rehabilitation</i> , <b>2007</b> , 21, 997-1006	3.3	16
127	Anaerobic work capacity in elite wheelchair athletes. <i>American Journal of Physical Medicine and Rehabilitation</i> , <b>1997</b> , 76, 355-65	2.6	16
126	Do field position and playing standard influence athlete performance in wheelchair basketball?. <i>Journal of Sports Sciences</i> , <b>2016</b> , 34, 811-20	3.6	15
125	Bilateral temporal control determines mediolateral margins of stability in symmetric and asymmetric human walking. <i>Scientific Reports</i> , <b>2019</b> , 9, 12494	4.9	15
124	Subject- and injury-related factors influencing the course of manual wheelchair skill performance during initial inpatient rehabilitation of persons with spinal cord injury. <i>Archives of Physical Medicine and Rehabilitation</i> , <b>2005</b> , 86, 2119-25	2.8	15
123	Comparison of Effect of Two Exercise Programs on Activities of Daily Living in Individuals with Dementia: A 9-Week Randomized, Controlled Trial. <i>Journal of the American Geriatrics Society</i> , <b>2016</b> , 64, 1258-66	5.6	15
122	Randomized controlled trial of a self-management intervention in persons with spinal cord injury: design of the HABITS (Healthy Active Behavioural Intervention in SCI) study. <i>Disability and Rehabilitation</i> , <b>2013</b> , 35, 1111-8	2.4	14
121	Cardiovascular function after spinal cord injury: prevalence and progression of dysfunction during inpatient rehabilitation and 5 years following discharge. <i>Neurorehabilitation and Neural Repair</i> , <b>2014</b> , 28, 219-29	4.7	14
120	Return to work five years after spinal cord injury inpatient rehabilitation: is it related to wheelchair capacity at discharge?. <i>Journal of Rehabilitation Medicine</i> , <b>2012</b> , 44, 73-9	3.4	14
119	Effect and process evaluation of implementing standardized tests to monitor patients in spinal cord injury rehabilitation. <i>Disability and Rehabilitation</i> , <b>2010</b> , 32, 588-97	2.4	14
118	Predicting respiratory infection one year after inpatient rehabilitation with pulmonary function measured at discharge in persons with spinal cord injury. <i>Journal of Rehabilitation Medicine</i> , <b>2009</b> , 41, 729-33	3.4	14
117	Development of a new scale for perceived self-efficacy in manual wheeled mobility: a pilot study. <i>Journal of Rehabilitation Medicine</i> , <b>2011</b> , 43, 602-8	3.4	14
116	Effects of wheel and hand-rim size on submaximal propulsion in wheelchair athletes. <i>Medicine and Science in Sports and Exercise</i> , <b>2012</b> , 44, 126-34	1.2	14
115	Wheelchair-specific fitness of persons with a long-term spinal cord injury: cross-sectional study on effects of time since injury and physical activity level. <i>Disability and Rehabilitation</i> , <b>2016</b> , 38, 1180-6	2.4	13
114	Wheelchair-specific fitness of inactive people with long-term spinal cord injury. <i>Journal of Rehabilitation Medicine</i> , <b>2015</b> , 47, 330-7	3.4	13

113	Validity of consumer-grade activity monitor to identify manual wheelchair propulsion in standardized activities of daily living. <i>PLoS ONE</i> , <b>2018</b> , 13, e0194864	3-7	13
112	Postural threat during walking: effects on energy cost and accompanying gait changes. <i>Journal of NeuroEngineering and Rehabilitation</i> , <b>2014</b> , 11, 71	5-3	13
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