

Jan Kool

List of Publications by Year in descending order

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Version: 2024-02-01

61
papers

1,651
citations

304743

22
h-index

315739

38
g-index

69
all docs

69
docs citations

69
times ranked

1980
citing authors

#	ARTICLE	IF	CITATIONS
1	Movement control tests of the low back; evaluation of the difference between patients with low back pain and healthy controls. BMC Musculoskeletal Disorders, 2008, 9, 170.	1.9	136
2	Reliability of movement control tests in the lumbar spine. BMC Musculoskeletal Disorders, 2007, 8, 90.	1.9	134
3	High-intensity interval exercise improves cognitive performance and reduces matrix metalloproteinases-2 serum levels in persons with multiple sclerosis: A randomized controlled trial. Multiple Sclerosis Journal, 2018, 24, 1635-1644.	3.0	93
4	Exploring the Specific Needs of Persons with Multiple Sclerosis for mHealth Solutions for Physical Activity: Mixed-Methods Study. JMIR MHealth and UHealth, 2018, 6, e37.	3.7	92
5	Exercise reduces sick leave in patients with non-acute non-specific low back pain: a meta-analysis. Journal of Rehabilitation Medicine, 2004, 36, 49-62.	1.1	84
6	Effectiveness of exercise on work disability in patients with non-acute non-specific low back pain: Systematic review and meta-analysis of randomised controlled trials. Journal of Rehabilitation Medicine, 2010, 42, 193-205.	1.1	77
7	Short-term effect on pain and function of neurophysiological education and sensorimotor retraining compared to usual physiotherapy in patients with chronic or recurrent non-specific low back pain, a pilot randomized controlled trial. BMC Musculoskeletal Disorders, 2015, 16, 83.	1.9	72
8	Exercise treatment effect modifiers in persistent low back pain: an individual participant data meta-analysis of 3514 participants from 27 randomised controlled trials. British Journal of Sports Medicine, 2020, 54, 1277-1278.	6.7	70
9	Increasing Days at Work Using Function-Centered Rehabilitation in Nonacute Nonspecific Low Back Pain: A Randomized Controlled Trial. Archives of Physical Medicine and Rehabilitation, 2005, 86, 857-864.	0.9	59
10	A tailored exercise program versus general exercise for a subgroup of patients with low back pain and movement control impairment: A randomised controlled trial with one-year follow-up. Manual Therapy, 2015, 20, 672-679.	1.6	54
11	Function-Centered Rehabilitation Increases Work Days in Patients With Nonacute Nonspecific Low Back Pain: 1-Year Results From a Randomized Controlled Trial. Archives of Physical Medicine and Rehabilitation, 2007, 88, 1089-1094.	0.9	50
12	Exergames versus self-regulated exercises with instruction leaflets to improve adherence during geriatric rehabilitation: a randomized controlled trial. BMC Geriatrics, 2017, 17, 77.	2.7	44
13	Low back pain and postural control, effects of task difficulty on centre of pressure and spinal kinematics. Gait and Posture, 2015, 41, 112-118.	1.4	39
14	Extension and flexion in the upper cervical spine in neck pain patients. Manual Therapy, 2015, 20, 547-552.	1.6	35
15	A qualitative study on the role of cultural background in patients' perspectives on rehabilitation. BMC Musculoskeletal Disorders, 2012, 13, 5.	1.9	32
16	Head-Eye movement control tests in patients with chronic neck pain; Inter-observer reliability and discriminative validity. BMC Musculoskeletal Disorders, 2014, 15, 16.	1.9	31
17	Determination of thoracic and lumbar spinal processes by their percentage position between C7 and the PSIS level. BMC Research Notes, 2013, 6, 58.	1.4	29
18	Movement control exercise versus general exercise to reduce disability in patients with low back pain and movement control impairment. A randomised controlled trial. BMC Musculoskeletal Disorders, 2011, 12, 207.	1.9	28

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19	Exercise Diminishes Plasma Neurofilament Light Chain and Reroutes the Kynurenine Pathway in Multiple Sclerosis. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , 2021, 8, .	6.0	28
20	Improvement in low back movement control, decreased pain and disability, resulting from specific exercise intervention. <i>BMC Sports Science, Medicine and Rehabilitation</i> , 2010, 2, 11.	1.7	27
21	Measuring Lumbar Reposition Accuracy in Patients With Unspecific Low Back Pain. <i>Spine</i> , 2015, 40, E97-E111.	2.0	27
22	High-intensity interval training reduces neutrophil-to-lymphocyte ratio in persons with multiple sclerosis during inpatient rehabilitation. <i>Multiple Sclerosis Journal</i> , 2021, 27, 1136-1139.	3.0	27
23	Adherence to home exercises in non-specific low back pain. A randomised controlled pilot trial. <i>Journal of Bodywork and Movement Therapies</i> , 2015, 19, 177-185.	1.2	24
24	Reliability of lumbar movement dysfunction tests for chronic low back pain patients. <i>Manual Therapy</i> , 2016, 24, 81-84.	1.6	22
25	Persons with secondary progressive and relapsing remitting multiple sclerosis reveal different responses of tryptophan metabolism to acute endurance exercise and training. <i>Journal of Neuroimmunology</i> , 2018, 314, 101-105.	2.3	21
26	Between-day reliability of three-dimensional motion analysis of the trunk: A comparison of marker based protocols. <i>Journal of Biomechanics</i> , 2016, 49, 807-811.	2.1	20
27	A simple procedure to synchronize concurrent measurements of gait and brain electrical activity and preliminary results from a pilot measurement involving motor-cognitive dual-tasking in healthy older and young volunteers. <i>Journal of Neuroscience Methods</i> , 2014, 228, 46-49.	2.5	19
28	Influence of different rehabilitative aerobic exercise programs on (anti-) inflammatory immune signalling, cognitive and functional capacity in persons with MS – study protocol of a randomized controlled trial. <i>BMC Neurology</i> , 2019, 19, 37.	1.8	19
29	Three-week inpatient energy management education (IEME) for persons with multiple sclerosis-related fatigue: Feasibility of a randomized clinical trial. <i>Multiple Sclerosis and Related Disorders</i> , 2019, 35, 26-33.	2.0	18
30	Functional Capacity Evaluation: Performance of Patients with Chronic Non-specific Low Back Pain Without Waddell Signs. <i>Journal of Occupational Rehabilitation</i> , 2015, 25, 257-266.	2.2	16
31	Potential effectiveness of three different treatment approaches to improve minimal to moderate arm and hand function after stroke – a pilot randomized clinical trial. <i>Clinical Rehabilitation</i> , 2011, 25, 1032-1041.	2.2	15
32	Validation of the International Classification of Functioning, Disability and Health Comprehensive Core Set for Osteoporosis. <i>Journal of Geriatric Physical Therapy</i> , 2011, 34, 117-130.	1.1	15
33	Predictors for living at home after geriatric inpatient rehabilitation: A prospective cohort study. <i>Journal of Rehabilitation Medicine</i> , 2017, 49, 185-190.	1.1	15
34	A tailored exercise program versus general exercise for a subgroup of patients with low back pain and movement control impairment: Short-term results of a randomised controlled trial. <i>Journal of Bodywork and Movement Therapies</i> , 2016, 20, 189-202.	1.2	13
35	Development and Preliminary Evaluation of a 3-Week Inpatient Energy Management Education Program for People with Multiple Sclerosis-Related Fatigue. <i>International Journal of MS Care</i> , 2019, 21, 265-274.	1.0	13
36	Three-year cost analysis of function-centred versus pain-centred inpatient rehabilitation in patients with chronic non-specific low back pain. <i>Journal of Rehabilitation Medicine</i> , 2009, 41, 919-923.	1.1	12

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37	Functional Capacity Evaluation in Different Societal Contexts: Results of a Multicountry Study. <i>Journal of Occupational Rehabilitation</i> , 2019, 29, 222-236.	2.2	12
38	High-intensity interval training and energy management education, compared with moderate continuous training and progressive muscle relaxation, for improving health-related quality of life in persons with multiple sclerosis: study protocol of a randomized controlled superiority trial with six monthsâ€™ follow-up. <i>BMC Neurology</i> , 2021, 21, 65.	1.8	12
39	Evaluation of More Stamina, a Mobile App for Fatigue Management in Persons with Multiple Sclerosis: Protocol for a Feasibility, Acceptability, and Usability Study. <i>JMIR Research Protocols</i> , 2020, 9, e18196.	1.0	11
40	Physiotherapy Research Priorities in Switzerland: Views of the Various Stakeholders. <i>Physiotherapy Research International</i> , 2016, 21, 137-146.	1.5	10
41	Interrater reliability of clinical tests to evaluate scapulothoracic motion. <i>BMC Musculoskeletal Disorders</i> , 2013, 14, 315.	1.9	9
42	How do Patients, Politicians, Physiotherapists and Other Health Professionals View Physiotherapy Research in Switzerland? A Qualitative Study. <i>Physiotherapy Research International</i> , 2014, 19, 79-92.	1.5	9
43	Development and Validation of a Pain Behavior Assessment in Patients with Chronic Low Back Pain. <i>Journal of Occupational Rehabilitation</i> , 2016, 26, 103-113.	2.2	9
44	Physiological Motion Axis for the Seat of a Dynamic Office Chair. <i>Human Factors</i> , 2016, 58, 886-898.	3.5	8
45	Letters. <i>Spine</i> , 2005, 30, 1232-1233.	2.0	7
46	Association of potentially inappropriate medications with outcomes of inpatient geriatric rehabilitation. <i>Zeitschrift Fur Gerontologie Und Geriatrie</i> , 2018, 51, 813-820.	1.8	7
47	Connected Health Services: Framework for an Impact Assessment. <i>Journal of Medical Internet Research</i> , 2019, 21, e14005.	4.3	7
48	Maximum weight-shifts in sitting in non-ambulatory people with stroke are related to trunk control and balance: a cross-sectional study. <i>Gait and Posture</i> , 2021, 83, 121-126.	1.4	5
49	Do baseline cognitive status, participant specific characteristics and EDSS impact changes of cognitive performance following aerobic exercise intervention in multiple sclerosis?. <i>Multiple Sclerosis and Related Disorders</i> , 2021, 51, 102905.	2.0	5
50	VO2peak Response Heterogeneity in Persons with Multiple Sclerosis: To HIIT or Not to HIIT?. <i>International Journal of Sports Medicine</i> , 2021, 42, 1319-1328.	1.7	5
51	Cognitive Impairment Impacts Exercise Effects on Cognition in Multiple Sclerosis. <i>Frontiers in Neurology</i> , 2020, 11, 619500.	2.4	5
52	The aerobic capacity â€“ fatigue relationship in persons with Multiple Sclerosis is not reproducible in a pooled analysis of two randomized controlled trials. <i>Multiple Sclerosis and Related Disorders</i> , 2022, 58, 103476.	2.0	5
53	Association between social factors and performance during Functional Capacity Evaluations: a systematic review. <i>Disability and Rehabilitation</i> , 2019, 41, 1863-1873.	1.8	4
54	Shared decision-making in physical therapy: a cross-sectional observational study. <i>European Journal of Physiotherapy</i> , 2021, 23, 368-376.	1.3	4

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55	Determining the Optimal Virtual Reality Exergame Approach for Balance Therapy in Persons With Neurological Disorders Using a Rasch Analysis: Longitudinal Observational Study. JMIR Serious Games, 2022, 10, e30366.	3.1	3
56	Outdoor Walking Training Compared To Cycle Ergometer Training in Severe COPD: A Randomized Controlled Feasibility Trial. COPD: Journal of Chronic Obstructive Pulmonary Disease, 2019, 16, 37-44.	1.6	2
57	Immediate effects of cervical unilateral anterior-posterior mobilisation on shoulder pain and impairment in post-operative arthroscopy patients. Journal of Back and Musculoskeletal Rehabilitation, 2017, 30, 615-623.	1.1	1
58	Development of an exercise programme for balance abilities in people with multiple sclerosis: a development of concept study using Rasch analysis. Archives of Physiotherapy, 2021, 11, 29.	1.8	1
59	The use of Bally-Valens-Rehab shoes to improve gait in patients following stroke. South African Journal of Physiotherapy, 1999, 55, 18-22.	0.7	0
60	Letter to the Editor. Neurorehabilitation and Neural Repair, 2006, 20, 435-435.	2.9	0
61	Response to letter to the Editor: Reliability of lumbar movement dysfunction tests for chronic low back pain patients; methodological concerns to avoid misinterpretation. Manual Therapy, 2016, 26, e5.	1.6	0