

Roger Hilfiker

List of Publications by Year in descending order

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Version: 2024-02-01

96
papers

2,570
citations

201575

27
h-index

214721

47
g-index

108
all docs

108
docs citations

108
times ranked

3698
citing authors

#	ARTICLE	IF	CITATIONS
1	Best practice for motor imagery: a systematic literature review on motor imagery training elements in five different disciplines. <i>BMC Medicine</i> , 2011, 9, 75.	2.3	300
2	Exercise and other non-pharmaceutical interventions for cancer-related fatigue in patients during or after cancer treatment: a systematic review incorporating an indirect-comparisons meta-analysis. <i>British Journal of Sports Medicine</i> , 2018, 52, 651-658.	3.1	245
3	Effectiveness of conservative interventions including exercise, manual therapy and medical management in adults with shoulder impingement: a systematic review and meta-analysis of RCTs. <i>British Journal of Sports Medicine</i> , 2017, 51, 1340-1347.	3.1	192
4	Is power training or conventional resistance training better for function in elderly persons? A meta-analysis. <i>Age and Ageing</i> , 2011, 40, 549-556.	0.7	117
5	Robotic-Assisted Step Training (Lokomat) Not Superior to Equal Intensity of Over-Ground Rehabilitation in Patients With Multiple Sclerosis. <i>Neurorehabilitation and Neural Repair</i> , 2012, 26, 212-221.	1.4	85
6	Effects of whole-body vibration on postural control in elderly: a systematic review and meta-analysis. <i>BMC Geriatrics</i> , 2011, 11, 72.	1.1	74
7	PE德罗's bias: summary quality scores should not be used in meta-analysis. <i>Journal of Clinical Epidemiology</i> , 2013, 66, 75-77.	2.4	72
8	Value of predictive instruments to determine persisting restriction of function in patients with subacute non-specific low back pain. Systematic review. <i>European Spine Journal</i> , 2007, 16, 1755-1775.	1.0	65
9	Sensorimotor tests, such as movement control and laterality judgment accuracy, in persons with recurrent neck pain and controls. A case-control study. <i>Manual Therapy</i> , 2014, 19, 555-561.	1.6	65
10	The International Classification of Functioning, Disability, and Health could be used to measure functioning. <i>Journal of Clinical Epidemiology</i> , 2009, 62, 899-911.	2.4	54
11	Comparison of risk factors predicting return to work between patients with subacute and chronic non-specific low back pain: systematic review. <i>European Spine Journal</i> , 2009, 18, 1829-1835.	1.0	51
12	Effects of whole-body vibration on proxies of muscle strength in old adults: a systematic review and meta-analysis on the role of physical capacity level. <i>European Review of Aging and Physical Activity</i> , 2015, 12, 12.	1.3	49
13	Items from patient-oriented instruments can be integrated into interval scales to operationalize categories of the International Classification of Functioning, Disability and Health. <i>Journal of Clinical Epidemiology</i> , 2009, 62, 912-921.e3.	2.4	46
14	Exergames versus self-regulated exercises with instruction leaflets to improve adherence during geriatric rehabilitation: a randomized controlled trial. <i>BMC Geriatrics</i> , 2017, 17, 77.	1.1	44
15	Clinical assessment of obesity in persons with spinal cord injury: validity of waist circumference, body mass index, and anthropometric index. <i>Journal of Spinal Cord Medicine</i> , 2011, 34, 416-422.	0.7	40
16	Inter- and intra-observer agreement of Prechtl's method on the qualitative assessment of general movements in preterm, term and young infants. <i>Early Human Development</i> , 2011, 87, 633-639.	0.8	39
17	Home-based training to improve manual dexterity in patients with multiple sclerosis: A randomized controlled trial. <i>Multiple Sclerosis Journal</i> , 2015, 21, 1546-1556.	1.4	39
18	A systematic review and meta-analysis of selected motor learning principles in physiotherapy and medical education. <i>BMC Medical Education</i> , 2016, 16, 15.	1.0	39

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19	Effects of three home-based exercise programmes regarding falls, quality of life and exercise-adherence in older adults at risk of falling: protocol for a randomized controlled trial. <i>BMC Geriatrics</i> , 2019, 19, 13.	1.1	39
20	Effects of Drop Jumps Added to the Warm-Up of Elite Sport Athletes With a High Capacity for Explosive Force Development. <i>Journal of Strength and Conditioning Research</i> , 2007, 21, 550.	1.0	37
21	Local dynamic stability as a responsive index for the evaluation of rehabilitation effect on fall risk in patients with multiple sclerosis: a longitudinal study. <i>BMC Research Notes</i> , 2013, 6, 260.	0.6	36
22	Effects of whole-body vibration on postural control in elderly: An update of a systematic review and meta-analysis. <i>Archives of Gerontology and Geriatrics</i> , 2017, 73, 95-112.	1.4	36
23	German Translation and Cross-Cultural Adaptation of the STarT Back Screening Tool. <i>PLoS ONE</i> , 2015, 10, e0132068.	1.1	34
24	Towards an ICF-based clinical measure of functioning in people with ankylosing spondylitis: A methodological exploration. <i>Disability and Rehabilitation</i> , 2009, 31, 528-537.	0.9	32
25	Predictive value of the Acute Low Back Pain Screening Questionnaire and the Å–rebro Musculoskeletal Pain Screening Questionnaire for persisting problems. <i>European Spine Journal</i> , 2012, 21, 773-784.	1.0	32
26	Stochastic resonance whole-body vibration training for chair rising performance on untrained elderly: A pilot study. <i>Archives of Gerontology and Geriatrics</i> , 2012, 55, 468-473.	1.4	30
27	The use of the comprehensive International Classification of Functioning, Disability and Health Core Set for low back pain in clinical practice: a reliability study. <i>Physiotherapy Research International</i> , 2009, 14, 147-166.	0.7	29
28	The role of the dominant leg while assessing balance performance. A systematic review and meta-analysis. <i>Gait and Posture</i> , 2021, 84, 66-78.	0.6	29
29	Real-time multi-agent systems for telerehabilitation scenarios. <i>Artificial Intelligence in Medicine</i> , 2019, 96, 217-231.	3.8	28
30	Effects of Whole-body Vibration with Stochastic Resonance on Balance in Persons with Balance Disability and Falls History – A Systematic Review. <i>Research in Sports Medicine</i> , 2014, 22, 294-313.	0.7	26
31	Endobronchial valve deployment in severe Î±1 antitrypsin deficiency emphysema: a case series. <i>Clinical Respiratory Journal</i> , 2013, 7, 45-52.	0.6	24
32	Hip muscle and hand-grip strength to differentiate between older fallers and non-fallers: a cross-sectional validity study. <i>Clinical Interventions in Aging</i> , 2018, Volume 13, 1-8.	1.3	24
33	Avoidance, pacing, or persistence in multidisciplinary functional rehabilitation for chronic musculoskeletal pain: An observational study with cross-sectional and longitudinal analyses. <i>PLoS ONE</i> , 2018, 13, e0203329.	1.1	23
34	Predicting Non Return to Work after Orthopaedic Trauma: The Wallis Occupational Rehabilitation Risk (WÖRRK) Model. <i>PLoS ONE</i> , 2014, 9, e94268.	1.1	23
35	Test–retest reliability of vertical ground reaction forces during stair climbing in the elderly population. <i>Gait and Posture</i> , 2011, 34, 421-425.	0.6	20
36	Continuous versus intermittent stochastic resonance whole body vibration and its effect on pelvic floor muscle activity. <i>Neurourology and Urodynamics</i> , 2012, 31, 683-687.	0.8	19

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37	Comparison of patients in three different rehabilitation settings after knee or hip arthroplasty: a natural observational, prospective study. <i>BMC Musculoskeletal Disorders</i> , 2015, 16, 317.	0.8	18
38	Agent-Based Systems for Telerehabilitation: Strengths, Limitations and Future Challenges. <i>Lecture Notes in Computer Science</i> , 2017, , 3-24.	1.0	18
39	Perceived functional ability assessed with the spinal function sort: is it valid for European rehabilitation settings in patients with non-specific non-acute low back pain?. <i>European Spine Journal</i> , 2010, 19, 1527-1533.	1.0	17
40	EREBOTS: Privacy-Compliant Agent-Based Platform for Multi-Scenario Personalized Health-Assistant Chatbots. <i>Electronics (Switzerland)</i> , 2021, 10, 666.	1.8	17
41	Feasibility and effects of applying stochastic resonance whole-body vibration on untrained elderly: a randomized crossover pilot study. <i>BMC Geriatrics</i> , 2015, 15, 25.	1.1	16
42	Over-ground walking or robot-assisted gait training in people with multiple sclerosis: does the effect depend on baseline walking speed and disease related disabilities? A systematic review and meta-regression. <i>BMC Neurology</i> , 2019, 19, 93.	0.8	16
43	ICU outcomes can be predicted by noninvasive muscle evaluation: a meta-analysis. <i>European Respiratory Journal</i> , 2020, 56, 1902482.	3.1	16
44	Reliability and Diagnostic Accuracy of Commonly Used Performance Tests Relative to Fall History in Older Persons: A Systematic Review. <i>Clinical Interventions in Aging</i> , 2021, Volume 16, 1591-1616.	1.3	15
45	Diagnostic accuracy of clinical tests for cam or pincer morphology in individuals with suspected FAI syndrome: a systematic review. <i>BMJ Open Sport and Exercise Medicine</i> , 2020, 6, e000772.	1.4	14
46	Reliability and validity of trunk accelerometry-derived performance measurements in a standardized heel-rise test in elderly subjects. <i>Journal of Rehabilitation Research and Development</i> , 2011, 48, 1137.	1.6	12
47	Skilling up for training: a feasibility study investigating acute effects of stochastic resonance whole-body vibration on postural control of older adults. <i>Ageing Research</i> , 2012, 3, 5.	0.8	12
48	The predictive value of subsets of the Å–rebro Musculoskeletal Pain Screening Questionnaire for return to work in chronic low back pain. <i>European Journal of Physical and Rehabilitation Medicine</i> , 2017, 53, 359-365.	1.1	12
49	Continuous Passive Motion Does Improve Range of Motion, Pain and Swelling After ACL Reconstruction: A Systematic Review and Meta-Analysis. <i>Zeitschrift Fur Orthopadie Und Unfallchirurgie</i> , 2019, 157, 279-291.	0.4	12
50	Measurement Properties of the Modified Spinal Function Sort (M-SFS): Is It Reliable and Valid in Workers with Chronic Musculoskeletal Pain?. <i>Journal of Occupational Rehabilitation</i> , 2018, 28, 322-331.	1.2	11
51	Validity Study of a Jump Mat Compared to the Reference Standard Force Plate. <i>Asian Journal of Sports Medicine</i> , 2015, 6, e25561.	0.1	11
52	Category Specification and Measurement Instruments in Large Spinal Cord Injury Studies. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2011, 90, S39-S49.	0.7	10
53	Development and Evaluation of an Online Fall-Risk Questionnaire for Nonfrail Community-Dwelling Elderly Persons: A Pilot Study. <i>Current Gerontology and Geriatrics Research</i> , 2016, 2016, 1-16.	1.6	10
54	Validity and responsiveness of the French version of the Å–rebro Musculoskeletal Pain Screening Questionnaire in chronic low back pain. <i>European Spine Journal</i> , 2016, 25, 2741-2749.	1.0	10

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55	Preoperative Urodynamic Assessment in Patients with Spinal Cord Lesions Undergoing Sphincterotomy: Is Success Predictable?. <i>Urologia Internationalis</i> , 2009, 83, 386-391.	0.6	9
56	Association of radiographic osteoarthritis, pain on passive movement and knee range of motion: A cross-sectional study. <i>Manual Therapy</i> , 2015, 20, 361-365.	1.6	9
57	Development of a Modified Version of the Spinal Function Sort (M-SFS): A Mixed Method Approach. <i>Journal of Occupational Rehabilitation</i> , 2016, 26, 253-263.	1.2	9
58	Cross-Cultural Adaptation, Reliability, Internal Consistency and Validation of the Hand Function Sort (HFSÂ©) for French Speaking Patients with Upper Limb Complaints. <i>Journal of Occupational Rehabilitation</i> , 2015, 25, 18-24.	1.2	8
59	A Return-to-Work Prognostic Model for Orthopaedic Trauma Patients (WORRK) Updated for Use at 3, 12 and 24Months. <i>Journal of Occupational Rehabilitation</i> , 2017, 27, 568-575.	1.2	8
60	Participant characteristics are poorly reported in exercise trials in tendinopathy: A systematic review. <i>Physical Therapy in Sport</i> , 2021, 48, 43-53.	0.8	8
61	Test-retest reliability of the Å–rebro Musculoskeletal Pain Screening Questionnaire and the Situational Pain Scale in patients with chronic low back pain. <i>Swiss Medical Weekly</i> , 2013, 143, w13903.	0.8	8
62	Bariatric Surgery: Consequences on Functional Capacities in Patients With Obesity. <i>Frontiers in Endocrinology</i> , 2021, 12, 646283.	1.5	7
63	SanTour: Towards Personalized Recommendation of Hiking Trails to Health Profiles. <i>Lecture Notes in Computer Science</i> , 2018, , 238-250.	1.0	7
64	Systematic Review of Incidence Studies of Pneumonia in Persons with Spinal Cord Injury. <i>Journal of Clinical Medicine</i> , 2022, 11, 211.	1.0	7
65	A systematic review of assessments for procedural skills in physiotherapy education / Assessment von prozeduralen FÄhigkeiten in der physiotherapeutischen Ausbildung: Ein systematischer Review. <i>International Journal of Health Professions</i> , 2017, 4, 53-65.	0.3	6
66	Influence of single and dual tasks on gait stability and gait speed in the elderly. <i>Zeitschrift Fur Gerontologie Und Geriatrie</i> , 2019, 52, 23-27.	0.8	6
67	Role of Non-Invasive Respiratory Supports in COVID-19 Acute Respiratory Failure Patients with Do Not Intubate Orders. <i>Journal of Clinical Medicine</i> , 2021, 10, 2783.	1.0	6
68	Short-term effects of menthol on walking dyspnoea in patients with COPD: a randomised, single blinded, cross-over study. <i>ERJ Open Research</i> , 2021, 7, 00450-2021.	1.1	6
69	<p>The Role of Hip Abductor Strength in Identifying Older Persons at Risk of Falls: A Diagnostic Accuracy Study</p>. <i>Clinical Interventions in Aging</i> , 2020, Volume 15, 645-654.	1.3	6
70	Visual perception and appraisal of persons with impairments: a randomised controlled field experiment using photo elicitation. <i>Disability and Rehabilitation</i> , 2011, 33, 441-452.	0.9	5
71	The effect of motor control training on kinetics variables of patients with non-specific low back pain and movement control impairment: Prospective observational study. <i>Journal of Bodywork and Movement Therapies</i> , 2017, 21, 1009-1016.	0.5	5
72	The MedRed Ontology for Representing Clinical Data Acquisition Metadata. <i>Lecture Notes in Computer Science</i> , 2017, , 38-47.	1.0	5

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73	Validation of the German version of the STarT-MSK-Tool: A cohort study with patients from physiotherapy clinics. PLoS ONE, 2022, 17, e0269694.	1.1	5
74	Simplifying the Assessment of Activity Limitations of Patients with Complex Regional Pain Syndrome 1 of the Upper Extremity by Using the Visual Analog Scale. Journal of Musculoskeletal Pain, 2011, 19, 207-211.	0.3	4
75	Use of Rasch analysis to investigate structural validity of a set of movement control tests for the neck. Musculoskeletal Science and Practice, 2017, 27, 131-136.	0.6	4
76	Effectiveness of non-pharmaceutical interventions to prevent falls and fall-related fractures in older people living in residential aged care facilities – a systematic review and network meta-analysis protocol. Physical Therapy Reviews, 2019, 24, 291-297.	0.3	4
77	Systematic Review of Biopsychosocial Prognostic Factors for Return to Work After Acute Orthopedic Trauma: A 2020 Update. Frontiers in Rehabilitation Sciences, 2022, 2, .	0.5	4
78	Task-Contingent Persistence is Related to Better Performance-Based Measures in Patients with Chronic Musculoskeletal Pain. Pain Research and Management, 2020, 2020, 1-10.	0.7	3
79	The relationship between maximal expiratory pressure values and critical outcomes in mechanically ventilated patients: a post hoc analysis of an observational study. Annals of Intensive Care, 2021, 11, 8.	2.2	3
80	Relationship between Training-Induced Changes in the Star Excursion Balance Test and the Y Balance Test in Young Male Athletes. Annals of Applied Sport Science, 2017, 5, 31-38.	0.4	3
81	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.	1.7	3
82	Acquisition of Procedural Skills in Preregistration Physiotherapy Education Comparing Mental Practice Against No Mental Practice: The Learning of Procedures in Physiotherapy Education Trial – A Development of Concept Study. Journal of Medical Education and Curricular Development, 2020, 7, 238212052092738.	0.7	2
83	Effectiveness of Educational Interventions to Increase Knowledge of Evidence-Based Practice Among Nurses and Physiotherapists in Primary Health Care: Protocol for a Systematic Review. JMIR Research Protocols, 2020, 9, e17621.	0.5	2
84	Machine Learning Assisted Citation Screening for Systematic Reviews. Studies in Health Technology and Informatics, 2020, 270, 302-306.	0.2	2
85	EFFECTS OF DROP JUMPS ADDED TO THE WARM-UP OF ELITE SPORT ATHLETES WITH A HIGH CAPACITY FOR EXPLOSIVE FORCE DEVELOPMENT. Journal of Strength and Conditioning Research, 2007, 21, 550-555.	1.0	1
86	The assessment of procedural skills in physiotherapy education: a measurement study using the Rasch model. Archives of Physiotherapy, 2020, 10, 9.	0.7	1
87	Development and validation of a short version of the French Hand Function Sort questionnaire in vocational rehabilitation. Annals of Physical and Rehabilitation Medicine, 2021, 64, 101533.	1.1	1
88	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.	0.7	1
89	Is Internal Rotation Measurement of the Hip Useful for Ruling in Cam or Pincer Morphology in Asymptomatic Males? A Diagnostic Accuracy Study. Clinical Orthopaedics and Related Research, 2022, Publish Ahead of Print, .	0.7	1
90	Impact of a non-return-to-work prognostic model (WORRK) on allocation to rehabilitation clinical pathways: A single centre parallel group randomised trial. PLoS ONE, 2018, 13, e0201687.	1.1	0

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91	Traduction, adaptation transculturelle, fiabilité et validité du «Whiplash Disability Questionnaire» de l'anglais vers le français. Kinesithérapie, 2020, 20, 12-18.	0.0	0
92	A systematic review on the effects of high frequency chest wall compression and intrapulmonary percussive ventilation in patients with neuromuscular disease. F1000Research, 0, 10, 10.	0.8	0
93	End-to-End Fine-Grained Neural Entity Recognition of Patients, Interventions, Outcomes. Lecture Notes in Computer Science, 2021, , 65-77.	1.0	0
94	Evaluation of the psychometric properties of the Swiss French version of the Older People's Quality of Life questionnaire (OPQOL-35-SF). Health and Quality of Life Outcomes, 2022, 20, 43.	1.0	0
95	Current practices of physiotherapists in Switzerland regarding fall risk-assessment for community-dwelling older adults: A national cross-sectional survey. F1000Research, 0, 11, 513.	0.8	0
96	A systematic review on the effects of high frequency chest wall compression and intrapulmonary percussive ventilation in patients with neuromuscular disease. F1000Research, 0, 10, 10.	0.8	0