

Roger Hilfiker

List of Publications by Year in descending order

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Version: 2024-02-01

96
papers

2,570
citations

201674

27
h-index

214800

47
g-index

108
all docs

108
docs citations

108
times ranked

3698
citing authors

#	ARTICLE	IF	CITATIONS
1	Systematic Review of Biopsychosocial Prognostic Factors for Return to Work After Acute Orthopedic Trauma: A 2020 Update. <i>Frontiers in Rehabilitation Sciences</i> , 2022, 2, .	1.2	4
2	Evaluation of the psychometric properties of the Swiss French version of the Older People's Quality of Life questionnaire (OPQOL-35-SF). <i>Health and Quality of Life Outcomes</i> , 2022, 20, 43.	2.4	0
3	Determining the Optimal Virtual Reality Exergame Approach for Balance Therapy in Persons With Neurological Disorders Using a Rasch Analysis: Longitudinal Observational Study. <i>JMIR Serious Games</i> , 2022, 10, e30366.	3.1	3
4	Systematic Review of Incidence Studies of Pneumonia in Persons with Spinal Cord Injury. <i>Journal of Clinical Medicine</i> , 2022, 11, 211.	2.4	7
5	Is Internal Rotation Measurement of the Hip Useful for Ruling in Cam or Pincer Morphology in Asymptomatic Males? A Diagnostic Accuracy Study. <i>Clinical Orthopaedics and Related Research</i> , 2022, Publish Ahead of Print, .	1.5	1
6	Validation of the German version of the STarT-MSK-Tool: A cohort study with patients from physiotherapy clinics. <i>PLoS ONE</i> , 2022, 17, e0269694.	2.5	5
7	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.	1.4	29
8	End-to-End Fine-Grained Neural Entity Recognition of Patients, Interventions, Outcomes. <i>Lecture Notes in Computer Science</i> , 2021, , 65-77.	1.3	0
9	EREBOTS: Privacy-Compliant Agent-Based Platform for Multi-Scenario Personalized Health-Assistant Chatbots. <i>Electronics (Switzerland)</i> , 2021, 10, 666.	3.1	17
10	Participant characteristics are poorly reported in exercise trials in tendinopathy: A systematic review. <i>Physical Therapy in Sport</i> , 2021, 48, 43-53.	1.9	8
11	Bariatric Surgery: Consequences on Functional Capacities in Patients With Obesity. <i>Frontiers in Endocrinology</i> , 2021, 12, 646283.	3.5	7
12	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.	2.4	6
13	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.	2.9	15
14	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.	2.6	6
15	Development and validation of a short version of the French Hand Function Sort questionnaire in vocational rehabilitation. <i>Annals of Physical and Rehabilitation Medicine</i> , 2021, 64, 101533.	2.3	1
16	The relationship between maximal expiratory pressure values and critical outcomes in mechanically ventilated patients: a post hoc analysis of an observational study. <i>Annals of Intensive Care</i> , 2021, 11, 8.	4.6	3
17	Development of an exercise programme for balance abilities in people with multiple sclerosis: a development of concept study using Rasch analysis. <i>Archives of Physiotherapy</i> , 2021, 11, 29.	1.8	1
18	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. <i>Journal of Medical Education and Curricular Development</i> , 2020, 7, 238212052092738.	1.5	2

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19	The assessment of procedural skills in physiotherapy education: a measurement study using the Rasch model. Archives of Physiotherapy, 2020, 10, 9.	1.8	1
20	Task-Contingent Persistence is Related to Better Performance-Based Measures in Patients with Chronic Musculoskeletal Pain. Pain Research and Management, 2020, 2020, 1-10.	1.8	3
21	ICU outcomes can be predicted by noninvasive muscle evaluation: a meta-analysis. European Respiratory Journal, 2020, 56, 1902482.	6.7	16
22	Diagnostic accuracy of clinical tests for cam or pincer morphology in individuals with suspected FAI syndrome: a systematic review. BMJ Open Sport and Exercise Medicine, 2020, 6, e000772.	2.9	14
23	Traduction, adaptation transculturelle, fiabilité et validité du «Whiplash Disability Questionnaire» de l'anglais vers le français. Kinesithérapie, 2020, 20, 12-18.	0.1	0
24	The Role of Hip Abductor Strength in Identifying Older Persons at Risk of Falls: A Diagnostic Accuracy Study. Clinical Interventions in Aging, 2020, Volume 15, 645-654.	2.9	6
25	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.	1.0	2
26	Machine Learning Assisted Citation Screening for Systematic Reviews. Studies in Health Technology and Informatics, 2020, 270, 302-306.	0.3	2
27	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.	0.8	4
28	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. BMC Neurology, 2019, 19, 93.	1.8	16
29	Real-time multi-agent systems for telerehabilitation scenarios. Artificial Intelligence in Medicine, 2019, 96, 217-231.	6.5	28
30	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. BMC Geriatrics, 2019, 19, 13.	2.7	39
31	Continuous Passive Motion Does Improve Range of Motion, Pain and Swelling After ACL Reconstruction: A Systematic Review and Meta-Analysis. Zeitschrift Fur Orthopadie Und Unfallchirurgie, 2019, 157, 279-291.	0.7	12
32	Influence of single and dual tasks on gait stability and gait speed in the elderly. Zeitschrift Fur Gerontologie Und Geriatrie, 2019, 52, 23-27.	1.8	6
33	Hip muscle and hand-grip strength to differentiate between older fallers and non-fallers: a cross-sectional validity study. Clinical Interventions in Aging, 2018, Volume 13, 1-8.	2.9	24
34	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. British Journal of Sports Medicine, 2018, 52, 651-658.	6.7	245
35	Measurement Properties of the Modified Spinal Function Sort (M-SFS): Is It Reliable and Valid in Workers with Chronic Musculoskeletal Pain?. Journal of Occupational Rehabilitation, 2018, 28, 322-331.	2.2	11
36	Avoidance, pacing, or persistence in multidisciplinary functional rehabilitation for chronic musculoskeletal pain: An observational study with cross-sectional and longitudinal analyses. PLoS ONE, 2018, 13, e0203329.	2.5	23

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37	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.	2.5	0
38	SanTour: Towards Personalized Recommendation of Hiking Trails to Health Profiles. Lecture Notes in Computer Science, 2018, , 238-250.	1.3	7
39	A systematic review of assessments for procedural skills in physiotherapy education / Assessment von prozeduralen Fähigkeiten in der physiotherapeutischen Ausbildung: Ein systematischer Review. International Journal of Health Professions, 2017, 4, 53-65.	0.4	6
40	Effectiveness of conservative interventions including exercise, manual therapy and medical management in adults with shoulder impingement: a systematic review and meta-analysis of RCTs. British Journal of Sports Medicine, 2017, 51, 1340-1347.	6.7	192
41	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
42	The effect of motor control training on kinetics variables of patients with non-specific low back pain and movement control impairment: Prospective observational study. Journal of Bodywork and Movement Therapies, 2017, 21, 1009-1016.	1.2	5
43	A Return-to-Work Prognostic Model for Orthopaedic Trauma Patients (WORRK) Updated for Use at 3, 12 and 24 Months. Journal of Occupational Rehabilitation, 2017, 27, 568-575.	2.2	8
44	Effects of whole-body vibration on postural control in elderly: An update of a systematic review and meta-analysis. Archives of Gerontology and Geriatrics, 2017, 73, 95-112.	3.0	36
45	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.	1.3	4
46	The predictive value of subsets of the Å–rebro Musculoskeletal Pain Screening Questionnaire for return to work in chronic low back pain. European Journal of Physical and Rehabilitation Medicine, 2017, 53, 359-365.	2.2	12
47	Agent-Based Systems for Telerehabilitation: Strengths, Limitations and Future Challenges. Lecture Notes in Computer Science, 2017, , 3-24.	1.3	18
48	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
49	The MedRed Ontology for Representing Clinical Data Acquisition Metadata. Lecture Notes in Computer Science, 2017, , 38-47.	1.3	5
50	Development and Evaluation of an Online Fall-Risk Questionnaire for Nonfrail Community-Dwelling Elderly Persons: A Pilot Study. Current Gerontology and Geriatrics Research, 2016, 2016, 1-16.	1.6	10
51	A systematic review and meta-analysis of selected motor learning principles in physiotherapy and medical education. BMC Medical Education, 2016, 16, 15.	2.4	39
52	Development of a Modified Version of the Spinal Function Sort (M-SFS): A Mixed Method Approach. Journal of Occupational Rehabilitation, 2016, 26, 253-263.	2.2	9
53	Validity and responsiveness of the French version of the Å–rebro Musculoskeletal Pain Screening Questionnaire in chronic low back pain. European Spine Journal, 2016, 25, 2741-2749.	2.2	10
54	Home-based training to improve manual dexterity in patients with multiple sclerosis: A randomized controlled trial. Multiple Sclerosis Journal, 2015, 21, 1546-1556.	3.0	39

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55	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.	1.9	18
56	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.	2.9	49
57	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.	2.7	16
58	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
59	Cross-Cultural Adaptation, Reliability, Internal Consistency and Validation of the Hand Function Sort (HFSÅ©) for French Speaking Patients with Upper Limb Complaints. <i>Journal of Occupational Rehabilitation</i> , 2015, 25, 18-24.	2.2	8
60	German Translation and Cross-Cultural Adaptation of the STarT Back Screening Tool. <i>PLoS ONE</i> , 2015, 10, e0132068.	2.5	34
61	Validity Study of a Jump Mat Compared to the Reference Standard Force Plate. <i>Asian Journal of Sports Medicine</i> , 2015, 6, e25561.	0.3	11
62	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.	1.3	26
63	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
64	Predicting Non Return to Work after Orthopaedic Trauma: The Wallis Occupational Rehabilitation Risk (WORRK) Model. <i>PLoS ONE</i> , 2014, 9, e94268.	2.5	23
65	Endobronchial valve deployment in severe α 1 antitrypsin deficiency emphysema: a case series. <i>Clinical Respiratory Journal</i> , 2013, 7, 45-52.	1.6	24
66	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.	1.4	36
67	PEDro's bias: summary quality scores should not be used in meta-analysis. <i>Journal of Clinical Epidemiology</i> , 2013, 66, 75-77.	5.0	72
68	Test-retest reliability of the Årebro Musculoskeletal Pain Screening Questionnaire and the Situational Pain Scale in patients with chronic low back pain. <i>Swiss Medical Weekly</i> , 2013, 143, w13903.	1.6	8
69	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.	2.9	85
70	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.	3.0	30
71	Predictive value of the Acute Low Back Pain Screening Questionnaire and the Årebro Musculoskeletal Pain Screening Questionnaire for persisting problems. <i>European Spine Journal</i> , 2012, 21, 773-784.	2.2	32
72	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

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73	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.	1.5	19
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. <i>Journal of Musculoskeletal Pain</i> , 2011, 19, 207-211.	0.3	4
75	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.	1.6	117
76	Test-retest reliability of vertical ground reaction forces during stair climbing in the elderly population. <i>Gait and Posture</i> , 2011, 34, 421-425.	1.4	20
77	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.	1.8	39
78	Effects of whole-body vibration on postural control in elderly: a systematic review and meta-analysis. <i>BMC Geriatrics</i> , 2011, 11, 72.	2.7	74
79	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.	5.5	300
80	Category Specification and Measurement Instruments in Large Spinal Cord Injury Studies. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2011, 90, S39-S49.	1.4	10
81	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.	1.4	40
82	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.	1.8	5
83	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
84	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.	2.2	17
85	Preoperative Urodynamic Assessment in Patients with Spinal Cord Lesions Undergoing Sphincterotomy: Is Success Predictable?. <i>Urologia Internationalis</i> , 2009, 83, 386-391.	1.3	9
86	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.	2.2	51
87	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.	1.5	29
88	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.	5.0	46
89	The International Classification of Functioning, Disability, and Health could be used to measure functioning. <i>Journal of Clinical Epidemiology</i> , 2009, 62, 899-911.	5.0	54
90	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.	1.8	32

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91	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, 550-555.	2.1	1
92	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.	2.2	65
93	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.	2.1	37
94	A systematic review on the effects of high frequency chest wall compression and intrapulmonary percussive ventilation in patients with neuromuscular disease. <i>F1000Research</i> , 0, 10, 10.	1.6	0
95	Current practices of physiotherapists in Switzerland regarding fall risk-assessment for community-dwelling older adults: A national cross-sectional survey. <i>F1000Research</i> , 0, 11, 513.	1.6	0
96	A systematic review on the effects of high frequency chest wall compression and intrapulmonary percussive ventilation in patients with neuromuscular disease. <i>F1000Research</i> , 0, 10, 10.	1.6	0