

Charlotte Hger

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

79
papers

1,253
citations

17
h-index

33
g-index

83
ext. papers

1,496
ext. citations

3.1
avg, IF

4.85
L-index

#	Paper	IF	Citations
79	Properties of tests for knee joint threshold to detect passive motion following anterior cruciate ligament injury: a systematic review and meta-analysis.. <i>Journal of Orthopaedic Surgery and Research</i> , 2022 , 17, 134	2.8	1
78	Brain Response to a Knee Proprioception Task Among Persons With Anterior Cruciate Ligament Reconstruction and Controls.. <i>Frontiers in Human Neuroscience</i> , 2022 , 16, 841874	3.3	0
77	Angle-specific torque profiles of concentric and eccentric thigh muscle strength 20 years after anterior cruciate ligament injury.. <i>Sports Biomechanics</i> , 2022 , 1-17	2.2	0
76	Does a knee joint position sense test make functional sense? Comparison to an obstacle clearance test following anterior cruciate ligament injury.. <i>Physical Therapy in Sport</i> , 2022 , 55, 256-263	3	0
75	Thigh muscle co-contraction patterns in individuals with anterior cruciate ligament reconstruction, athletes and controls during a novel double-hop test.. <i>Scientific Reports</i> , 2022 , 12, 8431	4.9	0
74	Virtual Reality Exercises in an Interdisciplinary Rehabilitation Programme for Persons with Chronic Neck Pain: a Feasibility Study. <i>Journal of Rehabilitation Medicine Clinical Communications</i> , 2021 , 4, 1000067	0.2	0
73	Investigation of multiple populations highlight VEGFA polymorphisms to modulate anterior cruciate ligament injury. <i>Journal of Orthopaedic Research</i> , 2021 ,	3.8	1
72	Impact of Intensive Gait Training With and Without Electromechanical Assistance in the Chronic Phase After Stroke-A Multi-Arm Randomized Controlled Trial With a 6 and 12 Months Follow Up. <i>Frontiers in Neuroscience</i> , 2021 , 15, 660726	5.1	3
71	Effect of robotic-assisted gait training on objective biomechanical measures of gait in persons post-stroke: a systematic review and meta-analysis. <i>Journal of NeuroEngineering and Rehabilitation</i> , 2021 , 18, 64	5.3	6
70	Influence of visual feedback, hand dominance and sex on individuated finger movements. <i>Experimental Brain Research</i> , 2021 , 239, 1911-1928	2.3	2
69	Development of supine and standing knee joint position sense tests. <i>Physical Therapy in Sport</i> , 2021 , 49, 112-121	3	4
68	Effects of neuromuscular training on knee proprioception in individuals with anterior cruciate ligament injury: a systematic review and GRADE evidence synthesis. <i>BMJ Open</i> , 2021 , 11, e049226	3	2
67	Analysis Choices Impact Movement Evaluation: A Multi-Aspect Inferential Method Applied to Kinematic Curves of Vertical Hops in Knee-Injured and Asymptomatic Persons. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021 , 9, 645014	5.8	1
66	Test-retest reliability of entire time-series data from hip, knee and ankle kinematics and kinetics during one-leg hops for distance: Analyses using integrated pointwise indices. <i>Journal of Biomechanics</i> , 2021 , 124, 110546	2.9	
65	Properties of Knee Joint Position Sense Tests for Anterior Cruciate Ligament Injury: A Systematic Review and Meta-analysis. <i>Orthopaedic Journal of Sports Medicine</i> , 2021 , 9, 23259671211007878	3.5	6
64	A novel standardised side hop test reliably evaluates landing mechanics for anterior cruciate ligament reconstructed persons and controls. <i>Sports Biomechanics</i> , 2021 , 20, 213-229	2.2	9
63	Does sensorimotor function predict graft rupture, contra-lateral injury or failure to return to sports after ACL reconstruction? A protocol for the STOP Graft Rupture study. <i>BMJ Open</i> , 2021 , 11, e042031	3	

62	Risk Factors for Contra-Lateral Secondary Anterior Cruciate Ligament Injury: A Systematic Review with Meta-Analysis. <i>Sports Medicine</i> , 2021 , 51, 1419-1438	10.6	10
61	Side-hops challenge knee control in the frontal and transversal plane more than hops for distance or height among ACL-reconstructed individuals. <i>Sports Biomechanics</i> , 2021 , 1-18	2.2	1
60	Retrospective experiences of individuals two decades after anterior cruciate ligament injury - a process of re-orientation towards acceptance. <i>Disability and Rehabilitation</i> , 2021 , 1-10	2.4	1
59	Fear of Reinjury Following Anterior Cruciate Ligament Reconstruction Is Manifested in Muscle Activation Patterns of Single-Leg Side-Hop Landings. <i>Physical Therapy</i> , 2021 ,	3.3	1
58	Core Sets of Kinematic Variables to Consider for Evaluation of Gait Post-stroke.. <i>Frontiers in Human Neuroscience</i> , 2021 , 15, 820104	3.3	
57	Psychometric properties and domains of postural control tests for individuals with knee osteoarthritis: a systematic review. <i>International Journal of Rehabilitation Research</i> , 2020 , 43, 102-115	1.8	
56	Individuals With an Anterior Cruciate Ligament-Reconstructed Knee Display Atypical Whole Body Movement Strategies but Normal Knee Robustness During Side-Hop Landings: A Finite Helical Axis Analysis. <i>American Journal of Sports Medicine</i> , 2020 , 48, 1117-1126	6.8	7
55	Biomechanics of sports injuries, their management and clinical considerations 2020 , 47-61		
54	The Apoptosis Pathway and CASP8 Variants Conferring Risk for Acute and Overuse Musculoskeletal Injuries. <i>Journal of Orthopaedic Research</i> , 2020 , 38, 680-688	3.8	4
53	A novel test reliably captures hip and knee kinematics and kinetics during unanticipated/anticipated diagonal hops in individuals with anterior cruciate ligament reconstruction. <i>Journal of Biomechanics</i> , 2020 , 99, 109480	2.9	2
52	Inclination angles of the ankle and head relative to the centre of mass identify gait deviations post-stroke. <i>Gait and Posture</i> , 2020 , 82, 181-188	2.6	1
51	Jaw-neck movement integration in 6-year-old children differs from that of adults. <i>Journal of Oral Rehabilitation</i> , 2020 , 47, 27-35	3.4	1
50	Dynamic knee control and movement strategies in athletes and non-athletes in side hops: Implications for knee injury. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2019 , 29, 1181-1189	4.6	11
49	Psychometric properties of knee proprioception tests targeting healthy individuals and those with anterior cruciate ligament injury managed with or without reconstruction: a systematic review protocol. <i>BMJ Open</i> , 2019 , 9, e027241	3	5
48	Functional polymorphisms within the inflammatory pathway regulate expression of extracellular matrix components in a genetic risk dependent model for anterior cruciate ligament injuries. <i>Journal of Science and Medicine in Sport</i> , 2019 , 22, 1219-1225	4.4	14
47	Does the Femoral Head Size in Hip Arthroplasty Influence Lower Body Movements during Squats, Gait and Stair Walking? A Clinical Pilot Study Based on Wearable Motion Sensors. <i>Sensors</i> , 2019 , 19,	3.8	6
46	Kinematic analyses including finite helical axes of drop jump landings demonstrate decreased knee control long after anterior cruciate ligament injury. <i>PLoS ONE</i> , 2019 , 14, e0224261	3.7	2
45	One-leg rise performance and associated knee kinematics in ACL-deficient and ACL-reconstructed persons 23 years post-injury. <i>BMC Musculoskeletal Disorders</i> , 2019 , 20, 476	2.8	

44	A modified standardized nine hole peg test for valid and reliable kinematic assessment of dexterity post-stroke. <i>Journal of NeuroEngineering and Rehabilitation</i> , 2019 , 16, 8	5.3	21
43	Introducing a novel test with unanticipated medial/lateral diagonal hops that reliably captures hip and knee kinematics in healthy women. <i>Journal of Biomechanics</i> , 2019 , 82, 70-79	2.9	3
42	Curve analyses reveal altered knee, hip, and trunk kinematics during drop-jumps long after anterior cruciate ligament rupture. <i>Knee</i> , 2018 , 25, 226-239	2.6	22
41	Increased movement variability in one-leg hops about 20 years after treatment of anterior cruciate ligament injury. <i>Clinical Biomechanics</i> , 2018 , 53, 37-45	2.2	6
40	Impact of Workplace Exposure and Stress on Neck Pain and Disabilities in Women-A Longitudinal Follow-up After a Rehabilitation Intervention. <i>Annals of Work Exposures and Health</i> , 2018 , 62, 591-603	2.4	6
39	ACL-reconstructed and ACL-deficient individuals show differentiated trunk, hip, and knee kinematics during vertical hops more than 20 years post-injury. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2018 , 26, 358-367	5.5	23
38	Double-Sided Mechanical Shocks Provoke Larger Seated Postural Reactions Compared With Single-Sided Mechanical Shocks. <i>Spine</i> , 2018 , 43, E482-E487	3.3	2
37	Office-Cycling: A Promising Way to Raise Pain Thresholds and Increase Metabolism with Minimal Compromising of Work Performance. <i>BioMed Research International</i> , 2018 , 2018, 5427201	3	7
36	Timing Training in Female Soccer Players: Effects on Skilled Movement Performance and Brain Responses. <i>Frontiers in Human Neuroscience</i> , 2018 , 12, 311	3.3	4
35	Nonparametric inference for functional-on-scalar linear models applied to knee kinematic hop data after injury of the anterior cruciate ligament. <i>Scandinavian Journal of Statistics</i> , 2018 , 45, 1036-1061	0.8	13
34	The impact of symptomatic knee osteoarthritis on overall gait pattern deviations and its association with performance-based measures and patient-reported outcomes. <i>Knee</i> , 2017 , 24, 536-546	2.6	12
33	Increases in human motoneuron excitability after cervical spinal cord injury depend on the level of injury. <i>Journal of Neurophysiology</i> , 2017 , 117, 684-691	3.2	9
32	Analysis of three-dimensional knee kinematics during stair descent two decades post-ACL rupture - Data revisited using statistical parametric mapping. <i>Journal of Electromyography and Kinesiology</i> , 2017 , 32, 44-50	2.5	12
31	A statistically compiled test battery for feasible evaluation of knee function after rupture of the Anterior Cruciate Ligament - derived from long-term follow-up data. <i>PLoS ONE</i> , 2017 , 12, e0176247	3.7	7
30	The added value of kinematic evaluation of the timed finger-to-nose test in persons post-stroke. <i>Journal of NeuroEngineering and Rehabilitation</i> , 2017 , 14, 11	5.3	18
29	Deficits in functional performance and gait one year after total knee arthroplasty despite improved self-reported function. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2017 , 25, 3378-3386	5.5	29
28	Knee kinematics during stair descent 20 years following anterior cruciate ligament rupture with and without reconstruction. <i>Clinical Biomechanics</i> , 2016 , 32, 180-6	2.2	7
27	Does touch massage facilitate recovery after stroke? A study protocol of a randomized controlled trial. <i>BMC Complementary and Alternative Medicine</i> , 2016 , 16, 50	4.7	6

26	Altered postural control strategies in quiet standing more than 20 years after rupture of the anterior cruciate ligament. <i>Gait and Posture</i> , 2016 , 46, 98-103	2.6	3
25	Is tailored treatment superior to non-tailored treatment for pain and disability in women with non-specific neck pain? A randomized controlled trial. <i>BMC Musculoskeletal Disorders</i> , 2016 , 17, 408	2.8	10
24	Advances in clinical biomechanics. <i>Physical Therapy Reviews</i> , 2015 , 20, 135-136	0.7	
23	Movement analysis of sit-to-stand ¶research informing clinical practice. <i>Physical Therapy Reviews</i> , 2015 , 20, 156-167	0.7	12
22	Kinematic analysis of the upper extremity after stroke ¶how far have we reached and what have we grasped?. <i>Physical Therapy Reviews</i> , 2015 , 20, 137-155	0.7	60
21	Anterior cruciate ligament injury about 20 years post-treatment: A kinematic analysis of one-leg hop. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2015 , 25, 818-27	4.6	23
20	Seated postural neck and trunk reactions to sideways perturbations with or without a cognitive task. <i>Journal of Electromyography and Kinesiology</i> , 2015 , 25, 548-56	2.5	3
19	One-leg hop kinematics 20 years following anterior cruciate ligament rupture: Data revisited using functional data analysis. <i>Clinical Biomechanics</i> , 2015 , 30, 1153-61	2.2	24
18	Dynamic knee stability estimated by finite helical axis methods during functional performance approximately twenty years after anterior cruciate ligament injury. <i>Journal of Biomechanics</i> , 2015 , 48, 1906-14	2.9	16
17	Anterior cruciate ligament injury after more than 20 years. II. Concentric and eccentric knee muscle strength. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2014 , 24, e501-509	4.6	51
16	Anterior cruciate ligament injury after more than 20 years: I. Physical activity level and knee function. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2014 , 24, e491-500	4.6	50
15	Assessment of arm movements during gait in stroke - the Arm Posture Score. <i>Gait and Posture</i> , 2014 , 40, 549-55	2.6	12
14	Training of goal directed arm movements with motion interactive video games in children with cerebral palsy - a kinematic evaluation. <i>Developmental Neurorehabilitation</i> , 2014 , 17, 318-26	1.8	21
13	The Arm Posture Score for assessing arm swing during gait: an evaluation of adding rotational components and the effect of different gait speeds. <i>Gait and Posture</i> , 2014 , 40, 64-9	2.6	8
12	Effects of neck coordination exercise on sensorimotor function in chronic neck pain: a randomized controlled trial. <i>Journal of Rehabilitation Medicine</i> , 2014 , 46, 908-14	3.4	22
11	Synchronized metronome training induces changes in the kinematic properties of the golf swing. <i>Sports Biomechanics</i> , 2014 , 13, 1-16	2.2	15
10	Deficits in single-limb stance more than 20 years after ACL injury. <i>European Journal of Physiotherapy</i> , 2013 , 15, 78-85	0.5	11
9	Measurement properties of the Motor Evaluation Scale for Upper Extremity in Stroke patients (MESUPES). <i>Disability and Rehabilitation</i> , 2012 , 34, 288-94	2.4	17

8	Effects of tailored neck-shoulder pain treatment based on a decision model guided by clinical assessments and standardized functional tests. A study protocol of a randomized controlled trial. <i>BMC Musculoskeletal Disorders</i> , 2012 , 13, 75	2.8	12
7	Motion interactive video games in home training for children with cerebral palsy: parents' perceptions. <i>Disability and Rehabilitation</i> , 2012 , 34, 925-33	2.4	32
6	Using motion interactive games to promote physical activity and enhance motor performance in children with cerebral palsy. <i>Developmental Neurorehabilitation</i> , 2011 , 14, 15-21	1.8	79
5	Low-cost motion interactive video games in home training for children with cerebral palsy: A kinematic evaluation 2011 ,		4
4	Somatosensory control of precision grip during unpredictable pulling loads. I. Changes in load force amplitude. <i>Experimental Brain Research</i> , 1992 , 89, 181-91	2.3	163
3	Somatosensory control of precision grip during unpredictable pulling loads. II. Changes in load force rate. <i>Experimental Brain Research</i> , 1992 , 89, 192-203	2.3	133
2	Somatosensory control of precision grip during unpredictable pulling loads. III. Impairments during digital anesthesia. <i>Experimental Brain Research</i> , 1992 , 89, 204-13	2.3	163
1	Atypical Lower Limb Mechanics During Weight Acceptance of Stair Descent at Different Time Frames After Anterior Cruciate Ligament Reconstruction. <i>American Journal of Sports Medicine</i> , 036354652210952	6.8	68