

Charlotte HÃ¤ger

List of Publications by Year in descending order

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Version: 2024-02-01

81
papers

1,768
citations

361388

20
h-index

302107

39
g-index

83
all docs

83
docs citations

83
times ranked

1557
citing authors

#	ARTICLE	IF	CITATIONS
1	Somatosensory control of precision grip during unpredictable pulling loads. <i>Experimental Brain Research</i> , 1992, 89, 181-191.	1.5	188
2	Somatosensory control of precision grip during unpredictable pulling loads. <i>Experimental Brain Research</i> , 1992, 89, 204-213.	1.5	186
3	Somatosensory control of precision grip during unpredictable pulling loads. <i>Experimental Brain Research</i> , 1992, 89, 192-203.	1.5	164
4	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.	0.8	102
5	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.	1.1	98
6	Anterior cruciate ligament injury after more than 20 years: Physical activity level and knee function. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2014, 24, e491-500.	2.9	64
7	Anterior cruciate ligament injury after more than 20 years: Concentric and eccentric knee muscle strength. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2014, 24, e501-509.	2.9	62
8	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.	4.2	43
9	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.	4.2	40
10	Motion interactive video games in home training for children with cerebral palsy: parents' perceptions. <i>Disability and Rehabilitation</i> , 2012, 34, 925-933.	1.8	39
11	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.	4.6	38
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, 908-914.	1.1	30
13	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.	4.6	29
14	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.	4.6	29
15	One-leg hop kinematics 20 years following anterior cruciate ligament rupture: Data revisited using functional data analysis. <i>Clinical Biomechanics</i> , 2015, 30, 1153-1161.	1.2	28
16	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.	1.6	27
17	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, 318-326.	1.1	26
18	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, 818-827.	2.9	26

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19	Movement analysis of sit-to-stand “ research informing clinical practice. <i>Physical Therapy Reviews</i> , 2015, 20, 156-167.	0.8	24
20	Nonparametric inference for functional“ 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.	1.4	22
21	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.	2.9	22
22	Risk Factors for Contra-Lateral Secondary Anterior Cruciate Ligament Injury: A Systematic Review with Meta-Analysis. <i>Sports Medicine</i> , 2021, 51, 1419-1438.	6.5	22
23	Measurement properties of the Motor Evaluation Scale for Upper Extremity in Stroke patients (MESUPES). <i>Disability and Rehabilitation</i> , 2012, 34, 288-294.	1.8	20
24	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, 1906-1914.	2.1	20
25	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.	1.7	20
26	Synchronized metronome training induces changes in the kinematic properties of the golf swing. <i>Sports Biomechanics</i> , 2014, 13, 1-16.	1.6	19
27	Assessment of arm movements during gait in stroke “ The Arm Posture Score. <i>Gait and Posture</i> , 2014, 40, 549-555.	1.4	19
28	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, 1-12.	1.9	17
29	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.	1.3	17
30	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, 3240.	3.8	17
31	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.	1.6	16
32	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, 232596712110078.	1.7	16
33	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.	1.6	15
34	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.	1.8	14
35	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.	1.9	13
36	Deficits in single-limb stance more than 20 years after ACL injury. <i>European Journal of Physiotherapy</i> , 2013, 15, 78-85.	1.3	13

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37	Individuals With an Anterior Cruciate Ligamentâ€™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.	4.2	13
38	Fear of Reinjury Following Anterior Cruciate Ligament Reconstruction Is Manifested in Muscle Activation Patterns of Single-Leg Side-Hop Landings. <i>Physical Therapy</i> , 2022, 102, .	2.4	13
39	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.	1.9	12
40	Knee kinematics during stair descent 20years following anterior cruciate ligament rupture with and without reconstruction. <i>Clinical Biomechanics</i> , 2016, 32, 180-186.	1.2	12
41	A statistically compiled test battery for feasible evaluation of knee function after rupture of the Anterior Cruciate Ligament â€™ derived from long-term follow-up data. <i>PLoS ONE</i> , 2017, 12, e0176247.	2.5	12
42	Impact of Workplace Exposure and Stress on Neck Pain and Disabilities in Womenâ€™A Longitudinal Follow-up After a Rehabilitation Intervention. <i>Annals of Work Exposures and Health</i> , 2018, 62, 591-603.	1.4	11
43	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.	1.9	11
44	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, 64-69.	1.4	9
45	Increased movement variability in one-leg hops about 20â€™ years after treatment of anterior cruciate ligament injury. <i>Clinical Biomechanics</i> , 2018, 53, 37-45.	1.2	9
46	Timing Training in Female Soccer Players: Effects on Skilled Movement Performance and Brain Responses. <i>Frontiers in Human Neuroscience</i> , 2018, 12, 311.	2.0	9
47	Impact of Intensive Gait Training With and Without Electromechanical Assistance in the Chronic Phase After Strokeâ€™A Multi-Arm Randomized Controlled Trial With a 6 and 12 Months Follow Up. <i>Frontiers in Neuroscience</i> , 2021, 15, 660726.	2.8	9
48	Development of supine and standing knee joint position sense tests. <i>Physical Therapy in Sport</i> , 2021, 49, 112-121.	1.9	8
49	Does touch massage facilitate recovery after stroke? A study protocol of a randomized controlled trial. <i>BMC Complementary and Alternative Medicine</i> , 2015, 16, 50.	3.7	7
50	A Minority of Athletes Pass Symmetry Criteria in a Series of Hop and Strength Tests Irrespective of Having an ACL Reconstructed Knee or Being Noninjured. <i>Sports Health</i> , 2023, 15, 45-51.	2.7	7
51	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.	1.9	6
52	The Apoptosis Pathway and CASP8 Variants Conferring Risk for Acute and Overuse Musculoskeletal Injuries. <i>Journal of Orthopaedic Research</i> , 2020, 38, 680-688.	2.3	6
53	Low-cost motion interactive video games in home training for children with cerebral palsy: A kinematic evaluation. , 2011, , .		5
54	Seated postural neck and trunk reactions to sideways perturbations with or without a cognitive task. <i>Journal of Electromyography and Kinesiology</i> , 2015, 25, 548-556.	1.7	5

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55	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.	1.4	5
56	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.	2.1	4
57	Jaw-neck movement integration in 6-year-old children differs from that of adults. <i>Journal of Oral Rehabilitation</i> , 2020, 47, 27-35.	3.0	4
58	Retrospective experiences of individuals two decades after anterior cruciate ligament injury – a process of re-orientation towards acceptance. <i>Disability and Rehabilitation</i> , 2022, 44, 6267-6276.	1.8	4
59	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, jrmcc00067.	0.6	4
60	Investigation of multiple populations highlight <i><i>VEGFA</i></i> polymorphisms to modulate anterior cruciate ligament injury. <i>Journal of Orthopaedic Research</i> , 2022, 40, 1604-1612.	2.3	3
61	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.	2.3	3
62	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.	2.0	3
63	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.	3.3	3
64	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> , 2022, 50, 2125-2133.	4.2	3
65	Double-Sided Mechanical Shocks Provoke Larger Seated Postural Reactions Compared With Single-Sided Mechanical Shocks. <i>Spine</i> , 2018, 43, E482-E487.	2.0	2
66	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.	2.5	2
67	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.	1.9	2
68	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.	2.1	2
69	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.	1.9	2
70	An obstacle clearance test for evaluating sensorimotor control after anterior cruciate ligament injury: kinematic analysis. <i>Journal of Orthopaedic Research</i> , 2022, 40, 105-116.	2.3	2
71	Influence of visual feedback, hand dominance and sex on individuated finger movements. <i>Experimental Brain Research</i> , 2021, 239, 1911-1928.	1.5	2
72	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.	2.1	2

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73	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.	1.6	2
74	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.	1.4	1
75	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.	1.6	1
76	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.	4.1	1
77	Core Sets of Kinematic Variables to Consider for Evaluation of Gait Post-stroke. <i>Frontiers in Human Neuroscience</i> , 2021, 15, 820104.	2.0	1
78	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.	1.9	1
79	Advances in clinical biomechanics. <i>Physical Therapy Reviews</i> , 2015, 20, 135-136.	0.8	0
80	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.	1.3	0
81	Biomechanics of sports injuries, their management and clinical considerations. , 2020, , 47-61.		0