List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/6752534/publications.pdf Version: 2024-02-01



TINE ALVIÃ D

#	Article	IF	CITATIONS
1	The Effects of Neuromuscular Training on Knee Joint Motor Control During Sidecutting in Female Elite Soccer and Handball Players. Clinical Journal of Sport Medicine, 2008, 18, 329-337.	1.8	142
2	Region-specific mechanical properties of the human patella tendon. Journal of Applied Physiology, 2005, 98, 1006-1012.	2.5	117
3	Increased joint loads during walking – A consequence of pain relief in knee osteoarthritis. Knee, 2006, 13, 445-450.	1.6	87
4	Experimental quadriceps muscle pain impairs knee joint control during walking. Journal of Applied Physiology, 2007, 103, 132-139.	2.5	83
5	Evaluation of the walking pattern in two types of patients with anterior cruciate ligament deficiency: copers and non-copers. European Journal of Applied Physiology, 2003, 89, 301-308.	2.5	82
6	Differences in the movement pattern of a forward lunge in two types of anterior cruciate ligament deficient patients: copers and non-copers. Clinical Biomechanics, 2002, 17, 586-593.	1.2	77
7	Walking on High Heels Changes Muscle Activity and the Dynamics of Human Walking Significantly. Journal of Applied Biomechanics, 2012, 28, 20-28.	0.8	77
8	Markerless motion capture can provide reliable 3D gait kinematics in the sagittal and frontal plane. Medical Engineering and Physics, 2014, 36, 1168-1175.	1.7	67
9	Experimentally reduced hip abductor function during walking: Implications for knee joint loads. Journal of Biomechanics, 2009, 42, 1236-1240.	2.1	57
10	Comparison of inverse dynamics calculated by two- and three-dimensional models during walking. Gait and Posture, 2001, 13, 73-77.	1.4	55
11	Acute fatigue impairs neuromuscular activity of anterior cruciate ligamentâ€agonist muscles in female team handball players. Scandinavian Journal of Medicine and Science in Sports, 2011, 21, 833-840.	2.9	55
12	Salivary Cortisol Level, Salivary Flow Rate, and Masticatory Muscle Activity in Response to Acute Mental Stress: A Comparison between Aged and Young Women. Gerontology, 2004, 50, 383-392.	2.8	51
13	Walking pattern in adults with congenital hip dysplasia14 women examined by inverse dynamics. Acta Orthopaedica, 2004, 75, 2-9.	1.4	48
14	Nordic Walking does not reduce the loading of the knee joint. Scandinavian Journal of Medicine and Science in Sports, 2008, 18, 436-441.	2.9	45
15	Walking pattern in 9 women with hip dysplasia 18 months after periacetabular osteotomy. Monthly Notices of the Royal Astronomical Society: Letters, 2006, 77, 203-208.	3.3	40
16	Choice of jumping strategy in two standard jumps, squat and countermovement jumpâ€effect of training background or inherited preference?. Scandinavian Journal of Medicine and Science in Sports, 1999, 9, 201-208.	2.9	40
17	Gait analysis of adults with generalised joint hypermobility. Clinical Biomechanics, 2012, 27, 573-577.	1.2	35
18	Evaluation of the Walking Pattern in Clubfoot Patients Who Received Early Intensive Treatment. Journal of Pediatric Orthopaedics, 2000, 20, 642-647.	1.2	34

#	Article	IF	CITATIONS
19	Exercise-induced rib stress fractures: potential risk factors related to thoracic muscle co-contraction and movement pattern. Scandinavian Journal of Medicine and Science in Sports, 2006, 16, 188-196.	2.9	33
20	Gait variability and motor control in people with knee osteoarthritis. Gait and Posture, 2015, 42, 479-484.	1.4	33
21	Experimental muscle pain during a forward lunge the effects on knee joint dynamics and electromyographic activity. British Journal of Sports Medicine, 2009, 43, 503-507.	6.7	32
22	Different knee joint loading patterns in ACL deficient copers and non-copers during walking. Knee Surgery, Sports Traumatology, Arthroscopy, 2011, 19, 615-621.	4.2	32
23	The variability problem of normal human walking. Medical Engineering and Physics, 2012, 34, 219-224.	1.7	31
24	Neuromuscular adaptations to 4Âweeks of intensive drop jump training in well-trained athletes. Physiological Reports, 2013, 1, e00099.	1.7	30
25	Sex differences in muscular load among house painters performing identical work tasks. European Journal of Applied Physiology, 2014, 114, 1901-1911.	2.5	30
26	Redistribution of joint moments during walking in patients with drop-foot. Clinical Biomechanics, 2010, 25, 949-952.	1.2	29
27	Variability and Similarity of Gait as Evaluated by Joint Angles: Implications for Forensic Gait Analysis. Journal of Forensic Sciences, 2014, 59, 494-504.	1.6	27
28	Predicting the Functional Roles of Knee Joint Muscles from Internal Joint Moments. Medicine and Science in Sports and Exercise, 2017, 49, 527-537.	0.4	27
29	Exercise-induced rib stress fractures: influence of reduced bone mineral density. Scandinavian Journal of Medicine and Science in Sports, 2005, 15, 95-99.	2.9	25
30	Antagonist muscle moment is increased in ACL deficient subjects during maximal dynamic knee extension. Knee, 2012, 19, 633-639.	1.6	24
31	Forward lunge as a functional performance test in ACL deficient subjects: Test–retest reliability. Knee, 2009, 16, 176-182.	1.6	23
32	Knee function in 10-year-old children and adults with Generalised Joint Hypermobility. Knee, 2012, 19, 773-778.	1.6	23
33	Baggage handler seniority and musculoskeletal symptoms: is heavy lifting in awkward positions associated with the risk of pain?. BMJ Open, 2013, 3, e004055.	1.9	22
34	Outcome Measures After ACL Injury in Pediatric Patients: A Scoping Review. Orthopaedic Journal of Sports Medicine, 2019, 7, 232596711986180.	1.7	22
35	Explanations Pertaining to the Hip Joint Flexor Moment During the Stance Phase of Human Walking. Journal of Applied Biomechanics, 2012, 28, 542-550.	0.8	21
36	Effect of implementing magnetic resonance imaging for patient-specific OpenSim models on lower-body kinematics and knee ligament lengths. Journal of Biomechanics, 2019, 83, 9-15.	2.1	21

#	Article	IF	CITATIONS
37	Interindividual differences in H reflex modulation during normal walking. Experimental Brain Research, 2002, 142, 108-115.	1.5	17
38	Is it possible to reduce the knee joint compression force during level walking with hiking poles?. Scandinavian Journal of Medicine and Science in Sports, 2011, 21, e195-200.	2.9	17
39	Wearable electromyography recordings during daily life activities in children with cerebral palsy. Developmental Medicine and Child Neurology, 2020, 62, 714-722.	2.1	16
40	Computational modeling of a forward lunge: towards a better understanding of the function of the cruciate ligaments. Journal of Anatomy, 2012, 221, 590-597.	1.5	15
41	Differences in EMG–moment relationships between ACLâ€injured and uninjured adults during a weightâ€bearing multidirectional force control task. Journal of Orthopaedic Research, 2019, 37, 113-123.	2.3	15
42	Influence of pain and gender on impact loading during walking: A randomised trial. Clinical Biomechanics, 2008, 23, 221-230.	1.2	13
43	Reflex response and control of the human soleus and gastrocnemius muscles during walking and running at increasing velocity. Experimental Brain Research, 2012, 219, 163-174.	1.5	13
44	Markerless motion capture systems for tracking of persons in forensic biomechanics: an overview. Computer Methods in Biomechanics and Biomedical Engineering: Imaging and Visualization, 2014, 2, 46-65.	1.9	13
45	Movement Behavior of High-Heeled Walking: How Does the Nervous System Control the Ankle Joint during an Unstable Walking Condition?. PLoS ONE, 2012, 7, e37390.	2.5	13
46	Slideâ€based ergometer rowing: Effects on force production and neuromuscular activity. Scandinavian Journal of Medicine and Science in Sports, 2013, 23, 635-644.	2.9	12
47	Copenhagen Airport Cohort: air pollution, manual baggage handling and health. BMJ Open, 2017, 7, e012651.	1.9	12
48	The Effect of Foot Progression Angle on Knee Joint Compression Force During Walking. Journal of Applied Biomechanics, 2013, 29, 329-335.	0.8	11
49	Subacromial shoulder disorders among baggage handlers: an observational cohort study. International Archives of Occupational and Environmental Health, 2016, 89, 867-876.	2.3	11
50	Intra- and inter-subject variation in lower limb coordination during countermovement jumps in children and adults. Human Movement Science, 2016, 46, 63-77.	1.4	11
51	A hierarchy in functional muscle roles at the knee is influenced by sex and anterior cruciate ligament deficiency. Clinical Biomechanics, 2018, 57, 129-136.	1.2	11
52	Effect of aging on performance, muscle activation and perceived stress during mentally demanding computer tasks. Scandinavian Journal of Work, Environment and Health, 2005, 31, 152-159.	3.4	11
53	Changes in soleus Hâ€reflex during walking in middleâ€aged, healthy subjects. Muscle and Nerve, 2015, 51, 419-425.	2.2	10
54	Effect of footwear on intramuscular EMG activity of plantar flexor muscles in walking. Journal of Electromyography and Kinesiology, 2020, 55, 102474.	1.7	9

#	Article	IF	CITATIONS
55	Height estimations based on eye measurements throughout a gait cycle. Forensic Science International, 2014, 236, 170-174.	2.2	8
56	Joint dynamics and intra-subject variability during countermovement jumps in children and adults. Journal of Biomechanics, 2016, 49, 2968-2974.	2.1	8
57	Anterior cruciate ligament reconstruction improves subjective ability but not neuromuscular biomechanics during dynamic tasks. Knee Surgery, Sports Traumatology, Arthroscopy, 2019, 27, 636-645.	4.2	8
58	Influence of Velocity on Variability in Gait Kinematics: Implications for Recognition in Forensic Science. Journal of Forensic Sciences, 2014, 59, 1242-1247.	1.6	7
59	New equations to calculate 3D joint centres in the lower extremities. Medical Engineering and Physics, 2015, 37, 948-955.	1.7	7
60	A Cohort Study on Meniscal Lesions among Airport Baggage Handlers. PLoS ONE, 2016, 11, e0157336.	2.5	7
61	Occupational lifting predicts hospital admission due to low back pain in a cohort of airport baggage handlers. International Archives of Occupational and Environmental Health, 2020, 93, 111-122.	2.3	7
62	Assessment of intersegmental coordination of rats during walking at different speeds – Application of continuous relative phase. Journal of Biomechanics, 2018, 73, 168-176.	2.1	6
63	Risk of subacromial shoulder disorder in airport baggage handlers: combining duration and intensity of musculoskeletal shoulder loads. Ergonomics, 2018, 61, 576-587.	2.1	6
64	Knee osteoarthritis among airport baggage handlers: A prospective cohort study. American Journal of Industrial Medicine, 2019, 62, 951-960.	2.1	6
65	Reference data for hop tests used in pediatric ACL injury rehabilitation: A crossâ€sectional study of healthy children. Scandinavian Journal of Medicine and Science in Sports, 2021, 31, 1832-1839.	2.9	6
66	Reliable Gait Recognition Using 3D Reconstructions and Random Forests – An Anthropometric Approach. Journal of Forensic Sciences, 2016, 61, 637-648.	1.6	5
67	Forward lunge before and after anterior cruciate ligament reconstruction: Faster movement but unchanged knee joint biomechanics. PLoS ONE, 2020, 15, e0228071.	2.5	5
68	Functional muscle synergies to support the knee against moment specific loads while weight bearing. Journal of Electromyography and Kinesiology, 2021, 56, 102506.	1.7	5
69	Intraâ€subject variability in muscle activity and coâ€contraction during jumps and landings in children and adults. Scandinavian Journal of Medicine and Science in Sports, 2017, 27, 820-831.	2.9	4
70	Predicting postâ€operative functional ability from preâ€operative measures in ACLâ€injured individuals. Scandinavian Journal of Medicine and Science in Sports, 2020, 30, 166-173.	2.9	4
71	Dynamics of Postural Control in Elite Sport Rifle Shooters. Journal of Motor Behavior, 2021, 53, 20-29.	0.9	4
72	Influence of stimulus intensity on the soleus H-reflex amplitude and modulation during locomotion. Journal of Electromyography and Kinesiology, 2013, 23, 438-442.	1.7	3

#	Article	IF	CITATIONS
73	Day-to-day reliability of gait characteristics in rats. Journal of Biomechanics, 2018, 72, 247-251.	2.1	3
74	Assessment of objective dynamic knee joint control in anterior cruciate ligament deficient and reconstructed individuals. Knee, 2019, 26, 578-585.	1.6	3
75	Opioid-Induced Reductions in Gait Variability in Healthy Volunteers and Individuals with Knee Osteoarthritis. Pain Medicine, 2019, 20, 2106-2114.	1.9	3
76	Neuromuscular activity and force production during slide-based and stationary ergometer rowing. British Journal of Sports Medicine, 2011, 45, 381-382.	6.7	2
77	Relationship of Knee Forces to Subjective Function Pre- and Post-ACL Reconstruction. Medicine and Science in Sports and Exercise, 2020, 52, 1338-1346.	0.4	2
78	Loading intensity of jumping exercises in post-menopausal women: Implications for osteogenic training. Translational Sports Medicine, 2018, 1, 30-36.	1.1	1
79	Experimental muscle pain of the vastus medialis reduces knee joint extensor torque and alters quadriceps muscle contributions as revealed through musculoskeletal modeling. Clinical Biomechanics, 2019, 67, 27-33.	1.2	1
80	The influence of an orthopaedic walker boot on forefoot force. Foot, 2021, 46, 101739.	1.1	1
81	Influence of Wearing Ballistic Vests on Physical Performance of Danish Police Officers: A Cross-Over Study. Sensors, 2021, 21, 1795.	3.8	1
82	P200â€Knee osteoarthrosis among baggage handlers: an observational cohort study. , 2016, , .		0
83	Tissue Perfusion Alters Mechanical Properties Of Human Tendons. A Human Cadaver Study. Medicine and Science in Sports and Exercise, 2016, 48, 183.	0.4	0