

Stephane Armand

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1985597/publications.pdf>

Version: 2024-02-01

170
papers

3,776
citations

156536

32
h-index

198040

52
g-index

199
all docs

199
docs citations

199
times ranked

4663
citing authors

#	ARTICLE	IF	CITATIONS
1	Instrumented 5-Time Sit-To-Stand Test: Parameters Predicting Serious Falls beyond the Duration of the Test. <i>Gerontology</i> , 2022, 68, 587-600.	1.4	7
2	The flexion-relaxation phenomenon in nonspecific chronic low back pain: prevalence, reproducibility and flexion-extension ratios. A systematic review and meta-analysis. <i>European Spine Journal</i> , 2022, 31, 136-151.	1.0	12
3	Normalisation of a biarticular muscle EMG signal using a submaximal voluntary contraction: Choice of the standardised isometric task for the rectus femoris, a pilot study. <i>Gait and Posture</i> , 2022, 91, 161-164.	0.6	1
4	The SWING test: A more reliable test than passive clinical tests for assessing sagittal plane hip mobility. <i>Gait and Posture</i> , 2022, 92, 77-82.	0.6	0
5	Clinical and objective gait outcomes remained stable seven years after total knee arthroplasty: A prospective longitudinal study of 28 patients. <i>Knee</i> , 2022, 34, 223-230.	0.8	3
6	MRI changes in calf muscles of two children with cerebral palsy following Botulinum Toxin Type A injections: a preliminary report. <i>Journal of Pediatric Orthopaedics Part B</i> , 2022, 31, e81-e84.	0.3	1
7	Putting Temperature into the Equation: Development and Validation of Algorithms to Distinguish Non-Wearing from Inactivity and Sleep in Wearable Sensors. <i>Sensors</i> , 2022, 22, 1117.	2.1	3
8	Concurrent Evolution of Biomechanical and Physiological Parameters With Running-Induced Acute Fatigue. <i>Frontiers in Physiology</i> , 2022, 13, 814172.	1.3	9
9	Are Clinical Impairments Related to Kinematic Gait Variability in Children and Young Adults With Cerebral Palsy?. <i>Frontiers in Human Neuroscience</i> , 2022, 16, 816088.	1.0	6
10	Simple rule to automatically recognize the orientation of the sagittal plane foot angular velocity for gait analysis using IMUs on the feet of individuals with heterogeneous motor disabilities. <i>Journal of Biomechanics</i> , 2022, 135, 111055.	0.9	1
11	Investigation of neural and biomechanical impairments leading to pathological toe and heel gaits using neuromusculoskeletal modelling. <i>Journal of Physiology</i> , 2022, 600, 2691-2712.	1.3	10
12	The Biological Substrate of the Motoric Cognitive Risk Syndrome: A Pilot Study Using Amyloid-Tau-PET and MR Imaging. <i>Journal of Alzheimer's Disease</i> , 2022, , 1-8.	1.2	2
13	Assessment of gait quality and efficiency after undergoing a single-event multilevel surgery in children with cerebral palsy presenting an intoeing gait pattern. <i>Child's Nervous System</i> , 2022, , .	0.6	0
14	Automatic gait event detection in pathologic gait using an auto-selection approach among concurrent methods. <i>Gait and Posture</i> , 2022, , .	0.6	0
15	Gait stability in ambulant children with cerebral palsy during dual tasks. <i>PLoS ONE</i> , 2022, 17, e0270145.	1.1	2
16	Reliability of single-day walking performance and physical activity measures using inertial sensors in children with cerebral palsy. <i>Annals of Physical and Rehabilitation Medicine</i> , 2021, 64, 101250.	1.1	12
17	Can the radiological scale "NPH Radscale" predict tap test response in idiopathic normal pressure hydrocephalus?. <i>Journal of the Neurological Sciences</i> , 2021, 420, 117239.	0.3	12
18	Normal pressure hydrocephalus and CSF tap test response: the gait phenotype matters. <i>Journal of Neural Transmission</i> , 2021, 128, 121-125.	1.4	10

#	ARTICLE	IF	CITATIONS
19	Conditional Neural Relational Inference for Interacting Systems. Lecture Notes in Computer Science, 2021, , 182-197.	1.0	0
20	A systematic review of movement and muscular activity biomarkers to discriminate non-specific chronic low back pain patients from an asymptomatic population. Scientific Reports, 2021, 11, 5850.	1.6	18
21	Sensory modulation of gait characteristics in human locomotion: A neuromusculoskeletal modeling study. PLoS Computational Biology, 2021, 17, e1008594.	1.5	16
22	Indirect Estimation of Breathing Rate from Heart Rate Monitoring System during Running. Sensors, 2021, 21, 5651.	2.1	16
23	Which functional tasks present the largest deficits for patients with total hip arthroplasty before and six months after surgery? A study of the timed up-and-go test phases. PLoS ONE, 2021, 16, e0255037.	1.1	5
24	Real-world gait speed estimation, frailty and handgrip strength: a cohort-based study. Scientific Reports, 2021, 11, 18966.	1.6	15
25	Intrinsic gait variability of kinematic parameters in children and young adults with spastic cerebral palsy: Relationship with clinical impairments. Gait and Posture, 2021, 90, 261-262.	0.6	0
26	Inertial data simulation from optoelectronic data during gait: Preliminary results of validation on one asymptomatic subject. Gait and Posture, 2021, 90, 74-75.	0.6	0
27	Technical validation of real-world monitoring of gait: a multicentric observational study. BMJ Open, 2021, 11, e050785.	0.8	56
28	The impact of body-mass index on the frontal knee alignment estimation using three-dimensional reconstruction based on movement analysis. Knee, 2020, 27, 89-94.	0.8	3
29	Flexion-Relaxation Ratio Asymmetry and Its Relation With Trunk Lateral ROM in Individuals With and Without Chronic Nonspecific Low Back Pain. Spine, 2020, 45, E1-E9.	1.0	16
30	Serum neurofilament light chains in MS. Neurology: Neuroimmunology and NeuroInflammation, 2020, 7, e895.	3.1	1
31	Real-World Gait Bout Detection Using a Wrist Sensor: An Unsupervised Real-Life Validation. IEEE Access, 2020, 8, 102883-102896.	2.6	21
32	The association of basic and challenging motor capacity with mobility performance and falls in young seniors. Archives of Gerontology and Geriatrics, 2020, 90, 104134.	1.4	5
33	Walking Speed of Children and Adolescents With Cerebral Palsy: Laboratory Versus Daily Life. Frontiers in Bioengineering and Biotechnology, 2020, 8, 812.	2.0	20
34	Multidimensional Measures of Physical Activity and Their Association with Gross Motor Capacity in Children and Adolescents with Cerebral Palsy. Sensors, 2020, 20, 5861.	2.1	5
35	Associations between gait analysis parameters and patient satisfaction one year following primary total knee arthroplasty. Gait and Posture, 2020, 80, 44-48.	0.6	12
36	Follow-up of walking quality after end of growth in 28 children with bilateral cerebral palsy. Journal of Children's Orthopaedics, 2020, 14, 41-49.	0.4	5

#	ARTICLE	IF	CITATIONS
37	Walking Speed and Maximal Knee Flexion During Gait After Total Knee Arthroplasty: Minimal Clinically Important Improvement Is Not Determinable; Patient Acceptable Symptom State Is Potentially Useful. <i>Journal of Arthroplasty</i> , 2020, 35, 2865-2871.e2.	1.5	7
38	Self-perceived gait quality in young adults with cerebral palsy. <i>Developmental Medicine and Child Neurology</i> , 2020, 62, 868-873.	1.1	8
39	Parkinsonian gait in aging: A feature of Alzheimer's pathology?. <i>Experimental Gerontology</i> , 2020, 134, 110905.	1.2	2
40	Comparison of gait characteristics between clinical and daily life settings in children with cerebral palsy. <i>Scientific Reports</i> , 2020, 10, 2091.	1.6	41
41	Can the fusion of motion capture and 3D medical imaging reduce the extrinsic variability due to marker misplacements?. <i>PLoS ONE</i> , 2020, 15, e0226648.	1.1	6
42	Impact of knee marker misplacement on gait kinematics of children with cerebral palsy using the Conventional Gait Model—A sensitivity study. <i>PLoS ONE</i> , 2020, 15, e0232064.	1.1	22
43	Title is missing!. , 2020, 15, e0226648.		0
44	Title is missing!. , 2020, 15, e0226648.		0
45	Title is missing!. , 2020, 15, e0226648.		0
46	Title is missing!. , 2020, 15, e0226648.		0
47	Title is missing!. , 2020, 15, e0232064.		0
48	Title is missing!. , 2020, 15, e0232064.		0
49	Title is missing!. , 2020, 15, e0232064.		0
50	Title is missing!. , 2020, 15, e0232064.		0
51	Title is missing!. , 2020, 15, e0232064.		0
52	Title is missing!. , 2020, 15, e0232064.		0
53	Cervical myogenic potentials and controlled postural responses elicited by a prototype vestibular implant. <i>Journal of Neurology</i> , 2019, 266, 33-41.	1.8	23
54	Deconstructing or reestablishing frontal gait in normal pressure hydrocephalus?. <i>Journal of the Neurological Sciences</i> , 2019, 404, 66-67.	0.3	0

#	ARTICLE	IF	CITATIONS
55	Lower limb sagittal gait kinematics can be predicted based on walking speed, gender, age and BMI. Scientific Reports, 2019, 9, 9510.	1.6	44
56	Education level affects dual-task gait after deep brain stimulation in Parkinson's disease. Parkinsonism and Related Disorders, 2019, 68, 65-68.	1.1	5
57	Asymmetry of lumbar muscles fatigability with non-specific chronic low back pain patients. European Spine Journal, 2019, 28, 2526-2534.	1.0	9
58	Is frontal gait a myth in normal pressure hydrocephalus?. Journal of the Neurological Sciences, 2019, 402, 175-179.	0.3	19
59	Correcting lower limb segment axis misalignment in gait analysis: A simple geometrical method. Gait and Posture, 2019, 72, 34-39.	0.6	4
60	The effects of dual tasks on gait in children with cerebral palsy. Gait and Posture, 2019, 70, 148-155.	0.6	18
61	Locomotion and cadence detection using a single trunk-fixed accelerometer: validity for children with cerebral palsy in daily life-like conditions. Journal of NeuroEngineering and Rehabilitation, 2019, 16, 24.	2.4	29
62	A Personalized Approach to Improve Walking Detection in Real-Life Settings: Application to Children with Cerebral Palsy. Sensors, 2019, 19, 5316.	2.1	5
63	Gait Analysis 1 Year after Primary TKA: No Difference between Gap Balancing and Measured Resection Technique. Journal of Knee Surgery, 2019, 34, 898-905.	0.9	2
64	Kinematics can help to discriminate the implication of iliopsoas, hamstring and gastrocnemius contractures to a knee flexion gait pattern. Gait and Posture, 2019, 68, 415-422.	0.6	3
65	Radiation-free measurement tools to evaluate sagittal parameters in AIS patients: a reliability and validity study. European Spine Journal, 2019, 28, 536-543.	1.0	14
66	Abnormal postural behavior in patients with functional movement disorders during exposure to stress. Psychoneuroendocrinology, 2019, 101, 232-239.	1.3	7
67	Contracture and Gait Deviations. , 2019, , 1-21.		0
68	Flexion-Relaxation Phenomenon in Children and Adolescents With and Without Nonspecific Chronic Low Back Pain. Spine, 2018, 43, 1322-1330.	1.0	2
69	Apathy in idiopathic normal pressure hydrocephalus: A marker of reversible gait disorders. International Journal of Geriatric Psychiatry, 2018, 33, 735-742.	1.3	8
70	Cognitive-motor dual-task interference modulates mediolateral dynamic stability during gait in post-stroke individuals. Human Movement Science, 2018, 58, 175-184.	0.6	27
71	Brain comorbidities in normal pressure hydrocephalus. European Journal of Neurology, 2018, 25, 542-548.	1.7	30
72	EMG normalization method based on grade 3 of manual muscle testing: Within- and between-day reliability of normalization tasks and application to gait analysis. Gait and Posture, 2018, 60, 6-12.	0.6	25

#	ARTICLE	IF	CITATIONS
73	Active Ankle Circumduction to Identify Mobility Deficits in Subacute Ankle Sprain Patients. <i>Journal of Applied Biomechanics</i> , 2018, 34, 1-6.	0.3	8
74	Parkinsonism is a Phenotypical Signature of Amyloidopathy in Patients with Gait Disorders. <i>Journal of Alzheimer's Disease</i> , 2018, 63, 1373-1381.	1.2	3
75	Hip-abductor fatigue influences sagittal plane ankle kinematics and shank muscle activity during a single-leg forward jump. <i>Journal of Electromyography and Kinesiology</i> , 2018, 43, 75-81.	0.7	15
76	Complexity of Daily Physical Activity Is More Sensitive Than Conventional Metrics to Assess Functional Change in Younger Older Adults. <i>Sensors</i> , 2018, 18, 2032.	2.1	18
77	Influence of normative data's walking speed on the computation of conventional gait indices. <i>Journal of Biomechanics</i> , 2018, 76, 68-73.	0.9	14
78	Concern about Falling and Complexity of Free-Living Physical Activity Patterns in Well-Functioning Older Adults. <i>Gerontology</i> , 2018, 64, 603-611.	1.4	29
79	What is the Best Configuration of Wearable Sensors to Measure Spatiotemporal Gait Parameters in Children with Cerebral Palsy?. <i>Sensors</i> , 2018, 18, 394.	2.1	42
80	Identifying Subgroups of Patients With Chronic Nonspecific Low Back Pain Based on a Multifactorial Approach: Protocol For a Prospective Study. <i>JMIR Research Protocols</i> , 2018, 7, e104.	0.5	13
81	Knee Kinematic and Clinical Outcomes Evolution Before, 3 Months, and 1 Year After Total Knee Arthroplasty. <i>Journal of Arthroplasty</i> , 2017, 32, 793-800.	1.5	37
82	Validity and Reliability of Spine Rasterstereography in Patients With Adolescent Idiopathic Scoliosis. <i>Spine</i> , 2017, 42, 98-105.	1.0	60
83	Plantar flexor muscle weakness and fatigue in spastic cerebral palsy patients. <i>Research in Developmental Disabilities</i> , 2017, 61, 66-76.	1.2	27
84	Postural control is associated with cognition and fear of falling in patients with multiple sclerosis. <i>Journal of Neural Transmission</i> , 2017, 124, 495-500.	1.4	14
85	Comparison of the Otto Bock solid ankle cushion heel foot with wooden keel to the low-cost CR-Equipements's solid ankle cushion heel foot with polypropylene keel. <i>Prosthetics and Orthotics International</i> , 2017, 41, 258-265.	0.5	10
86	Upper limb movement analysis during gait in multiple sclerosis patients. <i>Human Movement Science</i> , 2017, 54, 248-252.	0.6	13
87	A combined cognitive and gait quantification to identify normal pressure hydrocephalus from its mimics: The Geneva's protocol. <i>Clinical Neurology and Neurosurgery</i> , 2017, 160, 5-11.	0.6	38
88	Influence of Body Mass Index on Sagittal Knee Range of Motion and Gait Speed Recovery 1-Year After Total Knee Arthroplasty. <i>Journal of Arthroplasty</i> , 2017, 32, 2404-2410.	1.5	26
89	Apathy and higher level of gait control in normal pressure hydrocephalus. <i>International Journal of Psychophysiology</i> , 2017, 119, 127-131.	0.5	15
90	The interpretation of conventional gait indices is related to the normative data's walking speed. <i>Gait and Posture</i> , 2017, 57, 217-218.	0.6	18

#	ARTICLE	IF	CITATIONS
91	Variable compensation during the sit-to-stand task among individuals with severe knee osteoarthritis. <i>Annals of Physical and Rehabilitation Medicine</i> , 2017, 60, 312-318.	1.1	9
92	CSF tapping also improves mental imagery of gait in normal pressure hydrocephalus. <i>Journal of Neural Transmission</i> , 2017, 124, 1401-1405.	1.4	1
93	O38: Kinematics associated with knee flexion gait pattern caused by isolated contracture of iliopsoas, hamstring and gastrocnemius. <i>Gait and Posture</i> , 2017, 57, 66-67.	0.6	0
94	O40: Does self-perceived gait relate to objective gait assessment in young adults with cerebral palsy?. <i>Gait and Posture</i> , 2017, 57, 69-70.	0.6	0
95	O105: Asymmetry of lumbar muscle activity during sit-to-stand task in patients with chronic non-specific low back pain compared to healthy participants. <i>Gait and Posture</i> , 2017, 57, 184-185.	0.6	1
96	Does fear of falling predict gait variability in multiple sclerosis?. <i>Journal of the Neurological Sciences</i> , 2017, 380, 212-214.	0.3	6
97	Influence of different degrees of bilateral emulated contractures at the triceps surae on gait kinematics: The difference between gastrocnemius and soleus. <i>Gait and Posture</i> , 2017, 58, 176-182.	0.6	13
98	Gait stability in patients treated by fingolimod: A longitudinal pilot study on 9 patients with multiple sclerosis. <i>Journal of the Neurological Sciences</i> , 2017, 383, 105-107.	0.3	1
99	Effect of Wii Fit [®] exercise therapy on gait parameters in ankle sprain patients: A randomized controlled trial. <i>Gait and Posture</i> , 2017, 58, 52-58.	0.6	11
100	Gait Profile Score in multiple sclerosis patients with low disability. <i>Gait and Posture</i> , 2017, 51, 169-173.	0.6	17
101	Neuromuscular Control Mechanisms During Single-Leg Jump Landing in Subacute Ankle Sprain Patients: A Case Control Study. <i>PM and R</i> , 2017, 9, 241-250.	0.9	7
102	Individuals with knee osteoarthritis exhibit altered movement patterns during the sit-to-stand task. <i>Movement and Sports Sciences - Science Et Motricite</i> , 2017, , 39-49.	0.2	3
103	Identifying and understanding gait deviations: critical review and perspectives. <i>Movement and Sports Sciences - Science Et Motricite</i> , 2017, , 77-88.	0.2	9
104	Effect of unstable shoes on trunk posture during standing and gait in chronic low back pain. <i>Movement and Sports Sciences - Science Et Motricite</i> , 2017, , 59-65.	0.2	0
105	Balance impairments in patients with a sub-acute ankle sprain receiving no exercise therapy: A comparative study. <i>Physiotherapy Research and Reports</i> , 2017, 1, .	0.1	1
106	Physical Behavior in Older Persons during Daily Life: Insights from Instrumented Shoes. <i>Sensors</i> , 2016, 16, 1225.	2.1	42
107	Gait analysis in children with cerebral palsy. <i>EFORT Open Reviews</i> , 2016, 1, 448-460.	1.8	155
108	Surface Electromyography in Pediatric Patients with Nonspecific Chronic Low Back Pain: A Systematic Review. <i>Critical Reviews in Physical and Rehabilitation Medicine</i> , 2016, 28, 203-214.	0.1	2

#	ARTICLE	IF	CITATIONS
109	Range of motion and energy cost of locomotion of the late medieval armoured fighter: A proof of concept of confronting the medieval technical literature with modern movement analysis. <i>Historical Methods</i> , 2016, 49, 169-186.	0.9	8
110	Stride time variability as a marker for higher level of gait control in multiple sclerosis: its association with fear of falling. <i>Journal of Neural Transmission</i> , 2016, 123, 595-599.	1.4	15
111	Quantifying dimensions of physical behavior in chronic pain conditions. <i>Journal of NeuroEngineering and Rehabilitation</i> , 2016, 13, 85.	2.4	12
112	Feasibility and reliability of using an exoskeleton to emulate muscle contractures during walking. <i>Gait and Posture</i> , 2016, 50, 239-245.	0.6	14
113	Faisabilité et reproductibilité d'un exosquelette capable de reproduire des contractions musculaires à la marche : application sur les gastrocnémiens et soléaires. <i>Movement and Sports Sciences - Science Et Motricite</i> , 2016, , 77-85.	0.2	0
114	Analyse quantitative de la marche. <i>Movement and Sports Sciences - Science Et Motricite</i> , 2016, , 7-21.	0.2	3
115	Apport clinique de l'analyse du mouvement : évidences et perspectives. <i>Movement and Sports Sciences - Science Et Motricite</i> , 2016, , 1-3.	0.2	0
116	Knee kinematic recovery one year after total knee arthroplasties: The influence of BMI. <i>Osteoarthritis and Cartilage</i> , 2016, 24, S101.	0.6	0
117	Gait variability in multiple sclerosis: a better falls predictor than EDSS in patients with low disability. <i>Journal of Neural Transmission</i> , 2016, 123, 447-450.	1.4	32
118	Instrumented shoes for activity classification in the elderly. <i>Gait and Posture</i> , 2016, 44, 12-17.	0.6	65
119	Kinematic predictors of wrist shot success in floorball/unihockey from two different feet positions. <i>Journal of Sports Sciences</i> , 2016, 34, 2087-2094.	1.0	4
120	Effects of contracture on gait kinematics: A systematic review. <i>Clinical Biomechanics</i> , 2016, 33, 103-110.	0.5	30
121	Are clinical parameters sufficient to model gait patterns in patients with cerebral palsy using a multilinear approach?. <i>Computer Methods in Biomechanics and Biomedical Engineering</i> , 2016, 19, 800-806.	0.9	9
122	Wide-pulse-high-frequency neuromuscular electrical stimulation in cerebral palsy. <i>Clinical Neurophysiology</i> , 2016, 127, 1530-1539.	0.7	13
123	Instrumented Shoes for Real-Time Activity Monitoring Applications. <i>Studies in Health Technology and Informatics</i> , 2016, 225, 663-7.	0.2	1
124	Improving activity recognition using a wearable barometric pressure sensor in mobility-impaired stroke patients. <i>Journal of NeuroEngineering and Rehabilitation</i> , 2015, 12, 72.	2.4	64
125	Trunk movements during gait in cerebral palsy. <i>Clinical Biomechanics</i> , 2015, 30, 28-32.	0.5	39
126	Evolution of knee kinematics three months after total knee replacement. <i>Gait and Posture</i> , 2015, 41, 624-629.	0.6	23

#	ARTICLE	IF	CITATIONS
127	Multi-joint postural behavior in patients with knee osteoarthritis. <i>Knee</i> , 2015, 22, 517-521.	0.8	17
128	Dopaminergic denervation is not necessary to induce gait disorders in atypical parkinsonian syndrome. <i>Journal of the Neurological Sciences</i> , 2015, 351, 127-132.	0.3	6
129	Gait evolution in a family with hereditary spastic paraplegia. <i>European Journal of Paediatric Neurology</i> , 2015, 19, 87-92.	0.7	9
130	Gait and Physical Impairments in Patients With Acute Ankle Sprains Who Did Not Receive Physical Therapy. <i>PM and R</i> , 2015, 7, 34-41.	0.9	31
131	Gait abnormalities in obstructive sleep apnea and impact of continuous positive airway pressure. <i>Respiratory Physiology and Neurobiology</i> , 2014, 201, 31-33.	0.7	22
132	Effects of unstable shoes on chronic low back pain in health professionals: A randomized controlled trial. <i>Joint Bone Spine</i> , 2014, 81, 527-532.	0.8	17
133	Effects of obesity on functional capacity. <i>Obesity</i> , 2014, 22, 56-62.	1.5	109
134	Dual-Task Assessment in Natalizumab-Treated Multiple Sclerosis Patients. <i>European Neurology</i> , 2014, 71, 247-251.	0.6	18
135	Optimal markersâ€™ placement on the thorax for clinical gait analysis. <i>Gait and Posture</i> , 2014, 39, 147-153.	0.6	32
136	Biomechanical ToolKit: Open-source framework to visualize and process biomechanical data. <i>Computer Methods and Programs in Biomedicine</i> , 2014, 114, 80-87.	2.6	157
137	A descriptive analysis of the upper limb patterns during gait in individuals with cerebral palsy. <i>Research in Developmental Disabilities</i> , 2014, 35, 2756-2765.	1.2	17
138	Walking while talking in patients with multiple sclerosis: The impact of specific cognitive loads. <i>Neurophysiologie Clinique</i> , 2014, 44, 87-93.	1.0	55
139	Identification of gait patterns in individuals with cerebral palsy using multiple correspondence analysis. <i>Research in Developmental Disabilities</i> , 2013, 34, 2684-2693.	1.2	29
140	Are clinical measurements linked to the Gait Deviation Index in cerebral palsy patients?. <i>Gait and Posture</i> , 2013, 38, 276-280.	0.6	20
141	Does knee alignment influence gait in patients with severe knee osteoarthritis?. <i>Clinical Biomechanics</i> , 2013, 28, 34-39.	0.5	42
142	Dual-task related gait changes after CSF tapping: a new way to identify idiopathic normal pressure hydrocephalus. <i>Journal of NeuroEngineering and Rehabilitation</i> , 2013, 10, 117.	2.4	35
143	How Gait and Clinical Outcomes Contribute to Patients' Satisfaction Three Months Following A Total Knee Arthroplasty. <i>Journal of Arthroplasty</i> , 2013, 28, 1297-1300.	1.5	51
144	Associations between gait and clinical parameters in patients with severe knee osteoarthritis: A multiple correspondence analysis. <i>Clinical Biomechanics</i> , 2013, 28, 299-305.	0.5	23

#	ARTICLE	IF	CITATIONS
145	Comparison of the International Committee of the Red Cross Foot With the Solid Ankle Cushion Heel Foot During Gait: A Randomized Double-Blind Study. Archives of Physical Medicine and Rehabilitation, 2013, 94, 1490-1497.	0.5	11
146	Full body gait analysis may improve diagnostic discrimination between hereditary spastic paraplegia and spastic diplegia: A preliminary study. Research in Developmental Disabilities, 2013, 34, 495-504.	1.2	27
147	Effects of a Short Proprioceptive Neuromuscular Facilitation Stretching Bout on Quadriceps Neuromuscular Function, Flexibility, and Vertical Jump Performance. Journal of Strength and Conditioning Research, 2013, 27, 463-470.	1.0	16
148	Unraveling dynamics of human physical activity patterns in chronic pain conditions. Scientific Reports, 2013, 3, 2019.	1.6	30
149	The Relationship Between Different Body Mass Index Categories and Chair Rise Performance in Adult Women. Journal of Applied Biomechanics, 2013, 29, 705-711.	0.3	16
150	Adapted Timed Up and Go: A Rapid Clinical Test to Assess Gait and Cognition in Multiple Sclerosis. European Neurology, 2012, 67, 116-120.	0.6	37
151	Gait Assessment in Children With Duchenne Muscular Dystrophy During Long-Distance Walking. Journal of Child Neurology, 2012, 27, 30-38.	0.7	39
152	Postural Strategies in Diabetes Patients with Peripheral Neuropathy Determined Using Cross-Correlation Functions. Diabetes Technology and Therapeutics, 2012, 14, 403-410.	2.4	8
153	Sit-to-stand alterations in advanced knee osteoarthritis. Gait and Posture, 2012, 36, 68-72.	0.6	70
154	Validation of the Actiheart for estimating physical activity related energy expenditure in pregnancy. E-SPEN Journal, 2012, 7, e5-e10.	0.5	6
155	Barcoding Human Physical Activity to Assess Chronic Pain Conditions. PLoS ONE, 2012, 7, e32239.	1.1	58
156	Biomechanics and physiological parameters during gait in lower-limb amputees: A systematic review. Gait and Posture, 2011, 33, 511-526.	0.6	185
157	Interest of dual-task-related gait changes in idiopathic normal pressure hydrocephalus. European Journal of Neurology, 2011, 18, 1081-1084.	1.7	27
158	The gait and balance of patients with diabetes can be improved: a randomised controlled trial. Diabetologia, 2010, 53, 458-466.	2.9	236
159	An exercise intervention to improve diabetic patients'™ gait in a real-life environment. Gait and Posture, 2010, 32, 185-190.	0.6	49
160	Clinical factors associated with gait alterations in diabetic patients. Diabetic Medicine, 2009, 26, 1003-1009.	1.2	41
161	Investigation of standing balance in diabetic patients with and without peripheral neuropathy using accelerometers. Clinical Biomechanics, 2009, 24, 716-721.	0.5	60
162	Gait alterations of diabetic patients while walking on different surfaces. Gait and Posture, 2009, 29, 488-493.	0.6	115

#	ARTICLE	IF	CITATIONS
163	Dyskinesia-induced postural instability in Parkinson's disease. <i>Parkinsonism and Related Disorders</i> , 2009, 15, 359-364.	1.1	16
164	Gait characteristics of diabetic patients: a systematic review. <i>Diabetes/Metabolism Research and Reviews</i> , 2008, 24, 173-191.	1.7	138
165	Reliability of diabetic patients'™ gait parameters in a challenging environment. <i>Gait and Posture</i> , 2008, 28, 680-686.	0.6	22
166	Linking clinical measurements and kinematic gait patterns of toe-walking using fuzzy decision trees. <i>Gait and Posture</i> , 2007, 25, 475-484.	0.6	49
167	Identification and classification of toe-walkers based on ankle kinematics, using a data-mining method. <i>Gait and Posture</i> , 2006, 23, 240-248.	0.6	48
168	A comparison of gait in spinal muscular atrophy, type II and Duchenne muscular dystrophy. <i>Gait and Posture</i> , 2005, 21, 369-378.	0.6	59
169	Contribution of Accelerated Body Masses to Able-Bodied Gait. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2003, 82, 101-109.	0.7	32
170	CSF tap test in idiopathic normal pressure hydrocephalus: still a necessary prognostic test?. <i>Journal of Neurology</i> , 0, , .	1.8	0