

# Manuela Galli

## 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.

216  
papers

3,863  
citations

34  
h-index

51  
g-index

231  
ext. papers

4,663  
ext. citations

2.9  
avg, IF

5.45  
L-index

#	Paper	IF	Citations
216	Brain activity and upper limb movement analysis in children with Down syndrome undergoing transcranial direct current stimulation combined with virtual reality training: study protocol for a randomized controlled trial.. <i>Trials</i> , <b>2022</b> , 23, 87	2.8	0
215	Computation of Gait Parameters in Post Stroke and Parkinson's Disease: A Comparative Study Using RGB-D Sensors and Optoelectronic Systems.. <i>Sensors</i> , <b>2022</b> , 22,	3.8	1
214	Lower limbs muscle activation during instep kick in soccer: effects of dominance and ball condition.. <i>Science and Medicine in Football</i> , <b>2022</b> , 6, 40-48	2.7	1
213	Static and dynamic pelvic kinematics after one-stage bilateral or unilateral total hip arthroplasty. <i>HIP International</i> , <b>2021</b> , 31, 729-734	1.7	3
212	Kinematic patterns during walking in children: Application of principal component analysis. <i>Human Movement Science</i> , <b>2021</b> , 80, 102892	2.4	1
211	Instrumental Timed Up and Go test discloses abnormalities in patients with Cervical Dystonia. <i>Clinical Biomechanics</i> , <b>2021</b> , 90, 105493	2.2	
210	Effect of Obesity on Knee and Ankle Biomechanics during Walking. <i>Sensors</i> , <b>2021</b> , 21,	3.8	2
209	Attention-Demanding Cognitive Tasks Worsen Postural Control in Patients With Cervical Dystonia: A Case-Control Study. <i>Frontiers in Neurology</i> , <b>2021</b> , 12, 666438	4.1	2
208	Low-Intensity Whole-Body Vibration: A Useful Adjuvant in Managing Obesity? A Pilot Study. <i>Applied Sciences (Switzerland)</i> , <b>2021</b> , 11, 5101	2.6	
207	Land and Underwater Gait Analysis Using Wearable IMU. <i>IEEE Sensors Journal</i> , <b>2021</b> , 21, 11192-11202	4	6
206	Whole-body kinematics during a simulated sprint in flat-water kayakers. <i>European Journal of Sport Science</i> , <b>2021</b> , 1-9	3.9	1
205	Quantification of the effects of robotic-assisted gait training on upper and lower body strategy during gait in diplegic children with Cerebral Palsy using summary parameters. <i>Computer Methods in Biomechanics and Biomedical Engineering</i> , <b>2021</b> , 1-8	2.1	
204	Effect of physical therapy interventions on spatiotemporal gait parameters in children with cerebral palsy: a systematic review. <i>Disability and Rehabilitation</i> , <b>2021</b> , 43, 1507-1516	2.4	5
203	Gait strategy and body composition in patients with Prader-Willi syndrome. <i>Eating and Weight Disorders</i> , <b>2021</b> , 26, 115-124	3.6	2
202	Relationship between gait profile score and clinical assessments of gait in post-stroke patients. <i>Journal of Rehabilitation Medicine</i> , <b>2021</b> , 53, jrm00192	3.4	1
201	Functional Electrical Stimulation for Foot Drop in Post-Stroke People: Quantitative Effects on Step-to-Step Symmetry of Gait Using a Wearable Inertial Sensor. <i>Sensors</i> , <b>2021</b> , 21,	3.8	3
200	Machine-Learning Based Determination of Gait Events from Foot-Mounted Inertial Units. <i>Sensors</i> , <b>2021</b> , 21,	3.8	2

199	Multi-segmental postural control patterns in down syndrome. <i>Clinical Biomechanics</i> , <b>2021</b> , 82, 105271	2.2	2
198	Fatigue Induced by Repeated Changes of Direction in Elite Female Football (Soccer) Players: Impact on Lower Limb Biomechanics and Implications for ACL Injury Prevention. <i>Frontiers in Bioengineering and Biotechnology</i> , <b>2021</b> , 9, 666841	5.8	3
197	Retraining selective trunk muscle activity: A key to more successful rehabilitation outcomes for hemiparetic stroke patients. <i>NeuroRehabilitation</i> , <b>2021</b> , 49, 87-94	2	
196	Validation and Reliability of a Novel Vagus Nerve Neurodynamic Test and Its Effects on Heart Rate in Healthy Subjects: Little Differences Between Sexes. <i>Frontiers in Neuroscience</i> , <b>2021</b> , 15, 698470	5.1	0
195	Kinematics Adaptation and Inter-Limb Symmetry during Gait in Obese Adults. <i>Sensors</i> , <b>2021</b> , 21,	3.8	4
194	Monitoring of Gait Parameters in Post-Stroke Individuals: A Feasibility Study Using RGB-D Sensors. <i>Sensors</i> , <b>2021</b> , 21,	3.8	7
193	On Task Dependence of Helicopter Pilot Biodynamic Feedthrough and Neuromuscular Admittance: An Experimental and Numerical Study. <i>IEEE Transactions on Human-Machine Systems</i> , <b>2021</b> , 51, 421-431	4.1	
192	Fatigue-Induced Scapular Dyskinesia in Healthy Overhead Athletes. <i>Frontiers in Bioengineering and Biotechnology</i> , <b>2020</b> , 8, 302	5.8	4
191	Effect of Transcranial Direct Current Stimulation Combined With Xbox-Kinect Game Experience on Upper Limb Movement in Down Syndrome: A Case Report. <i>Frontiers in Bioengineering and Biotechnology</i> , <b>2020</b> , 8, 514	5.8	3
190	3D Tracking of Human Motion Using Visual Skeletonization and Stereoscopic Vision. <i>Frontiers in Bioengineering and Biotechnology</i> , <b>2020</b> , 8, 181	5.8	42
189	Balance Control in Obese Subjects during Quiet Stance: A State-of-the Art. <i>Applied Sciences (Switzerland)</i> , <b>2020</b> , 10, 1842	2.6	1
188	Changes in symmetry during gait in adults with Prader-Willi syndrome. <i>Computer Methods in Biomechanics and Biomedical Engineering</i> , <b>2020</b> , 23, 1094-1101	2.1	2
187	Functional Evaluation Using Inertial Measurement of Back School Therapy in Lower Back Pain. <i>Sensors</i> , <b>2020</b> , 20,	3.8	2
186	Ultrasonographic and Myotonometric Evaluation of the Shoulder Girdle After an Isokinetic Muscle Fatigue Protocol. <i>Journal of Sport Rehabilitation</i> , <b>2020</b> , 29, 1047-1052	1.7	9
185	Whole-Body Vibration <b>2020</b> , 157-171		
184	A novel summary kinematic index for postural characterization in subjects with Parkinson's disease. <i>European Journal of Physical and Rehabilitation Medicine</i> , <b>2020</b> , 56, 142-147	4.4	5
183	Muscle activation varies between high-bar and low-bar back squat. <i>PeerJ</i> , <b>2020</b> , 8, e9256	3.1	1
182	Age-Related Changes in Smoothness of Gait of Healthy Children and Early Adolescents. <i>Journal of Motor Behavior</i> , <b>2020</b> , 52, 694-702	1.4	3

181	Maturity offset affects standing postural control in youth male soccer players. <i>Journal of Biomechanics</i> , <b>2020</b> , 99, 109523	2.9	5
180	Bicoherence Interpretation in EEG Requires Signal to Noise Ratio Quantification: An Application to Sensorimotor Rhythms. <i>IEEE Transactions on Biomedical Engineering</i> , <b>2020</b> , 67, 2696-2704	5	6
179	Bilateral Foot Orthoses Elicit Changes in Gait Kinematics of Adolescents with Down Syndrome with Flatfoot. <i>International Journal of Environmental Research and Public Health</i> , <b>2020</b> , 17,	4.6	3
178	The Effects of Transcranial Direct Current Stimulation (tDCS) Combined With Proprioceptive Training for Blind Individuals: The Study Protocol for a Randomized Controlled Clinical Trial. <i>Frontiers in Neurology</i> , <b>2020</b> , 11, 592376	4.1	
177	Quantification of upper body strategy during gait in children with spastic diplegia using a summary parameter. <i>Computer Methods in Biomechanics and Biomedical Engineering</i> , <b>2020</b> , 23, 1260-1266	2.1	1
176	Educational impact of hand motion analysis in the evaluation of FAST examination skills. <i>European Journal of Trauma and Emergency Surgery</i> , <b>2020</b> , 46, 1421-1428	2.3	10
175	Gait and postural control patterns and rehabilitation in Down syndrome: a systematic review. <i>Journal of Physical Therapy Science</i> , <b>2020</b> , 32, 303-314	1	8
174	Efficacy of end-effector Robot-Assisted Gait Training in subacute stroke patients: Clinical and gait outcomes from a pilot bi-centre study. <i>NeuroRehabilitation</i> , <b>2019</b> , 45, 201-212	2	9
173	Functional and postural recovery after bilateral or unilateral total hip arthroplasty. <i>Journal of Electromyography and Kinesiology</i> , <b>2019</b> , 48, 205-211	2.5	10
172	Kinetic-based indexes for the functional evaluation of gait in diplegic children: a preliminary report. <i>Computer Methods in Biomechanics and Biomedical Engineering</i> , <b>2019</b> , 22, 1043-1046	2.1	
171	Gait analysis in patients after bilateral versus unilateral total hip arthroplasty. <i>Gait and Posture</i> , <b>2019</b> , 72, 46-50	2.6	15
170	Symmetry of Gait in Underweight, Normal and Overweight Children and Adolescents. <i>Sensors</i> , <b>2019</b> , 19,	3.8	10
169	A biomechanical study of gait initiation in Down syndrome. <i>BMC Neurology</i> , <b>2019</b> , 19, 66	3.1	7
168	Kinematic effects of repeated turns while running. <i>European Journal of Sport Science</i> , <b>2019</b> , 19, 1072-1081	3.9	9
167	The effect of transcranial direct current stimulation on mobility in a child with cerebral palsy: case report. <i>Brain Stimulation</i> , <b>2019</b> , 12, 429	5.1	2
166	Quantitative assessment of drawing tests in children with dyslexia and dysgraphia. <i>Human Movement Science</i> , <b>2019</b> , 65, 51-51	2.4	8
165	Use of Machine Learning and Wearable Sensors to Predict Energetics and Kinematics of Cutting Maneuvers. <i>Sensors</i> , <b>2019</b> , 19,	3.8	10
164	Down Syndrome: Gait Pattern Alterations in Posture Space Kinematics. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , <b>2019</b> , 27, 1589-1596	4.8	11

163	Effect of Anodic tDCS Over Motor Cortex Versus Cerebellum in Cerebral Palsy: A Study Protocol. <i>Pediatric Physical Therapy</i> , <b>2019</b> , 31, 301-305	0.9	1
162	Use of 3D gait analysis as predictor of Achilles tendon lengthening surgery outcomes in children with cerebral palsy. <i>European Journal of Physical and Rehabilitation Medicine</i> , <b>2019</b> , 55, 250-257	4.4	2
161	A proposal for a kinetic summary measure: the Gait Kinetic Index. <i>Computer Methods in Biomechanics and Biomedical Engineering</i> , <b>2019</b> , 22, 94-99	2.1	5
160	Sex differences in the gait kinematics of patients with Down syndrome: A preliminary report. <i>Journal of Rehabilitation Medicine</i> , <b>2019</b> , 51, 144-146	3.4	7
159	Robot-Assisted Upper Limb Training for Hemiplegic Children with Cerebral Palsy. <i>Journal of Developmental and Physical Disabilities</i> , <b>2019</b> , 31, 89-101	1.5	12
158	Men and women with Down syndrome exhibit different kinematic (but not spatio-temporal) gait patterns. <i>Journal of Intellectual Disability Research</i> , <b>2019</b> , 63, 64-71	3.2	5
157	Do wearable sensors add meaningful information to the Timed Up and Go test? A study on obese women. <i>Journal of Electromyography and Kinesiology</i> , <b>2019</b> , 44, 78-85	2.5	11
156	Preliminary evidence of effectiveness of TECAR in lymphedema. <i>Lymphology</i> , <b>2019</b> , 52, 35-43	1.9	3
155	Does focal mechanical stimulation of the lower limb muscles improve postural control and sit to stand movement in elderly?. <i>Aging Clinical and Experimental Research</i> , <b>2018</b> , 30, 1161-1166	4.8	2
154	Gait analysis in patients with chronic obstructive pulmonary disease: a systematic review. <i>Gait and Posture</i> , <b>2018</b> , 61, 408-415	2.6	14
153	Effect of virtual reality training on walking distance and physical fitness in individuals with Parkinson's disease. <i>NeuroRehabilitation</i> , <b>2018</b> , 42, 473-480	2	23
152	Slip avoidance strategies in children with bilateral spastic cerebral palsy and crouch gait. <i>Clinical Biomechanics</i> , <b>2018</b> , 55, 36-39	2.2	1
151	Advanced Methods for Gait Analysis Data Processing. <i>Biosystems and Biorobotics</i> , <b>2018</b> , 235-251	0.2	
150	Effect of Transcranial Direct Current Stimulation of Motor Cortex in Cerebral Palsy: A Study Protocol. <i>Pediatric Physical Therapy</i> , <b>2018</b> , 30, 67-71	0.9	2
149	Quantitative comparison between the laser scanner three-dimensional method and the circumferential method for evaluation of arm volume in patients with lymphedema. <i>Journal of Vascular Surgery: Venous and Lymphatic Disorders</i> , <b>2018</b> , 6, 96-103	3.2	9
148	Automated Mechanical Peripheral Stimulation Improves Gait Parameters in Subjects With Parkinson Disease and Freezing of Gait: A Randomized Clinical Trial. <i>American Journal of Physical Medicine and Rehabilitation</i> , <b>2018</b> , 97, 383-389	2.6	9
147	Plantar stimulation in parkinsonians: From biomarkers to mobility - randomized-controlled trial. <i>Restorative Neurology and Neuroscience</i> , <b>2018</b> , 36, 195-205	2.8	9
146	Fatigue, as measured using the Modified Fatigue Impact Scale, is a predictor of processing speed improvement induced by exercise in patients with multiple sclerosis: data from a randomized controlled trial. <i>Journal of Neurology</i> , <b>2018</b> , 265, 1328-1333	5.5	11

145	Quantitative assessment of the effects of 6 months of adapted physical activity on gait in people with multiple sclerosis: a randomized controlled trial. <i>Disability and Rehabilitation</i> , <b>2018</b> , 40, 144-151	2.4	14
144	Effect of postural insoles on gait pattern in individuals with hemiparesis: A randomized controlled clinical trial. <i>Journal of Bodywork and Movement Therapies</i> , <b>2018</b> , 22, 792-797	1.6	0
143	Automated Mechanical Peripheral Stimulation Effects on Gait Variability in Individuals With Parkinson Disease and Freezing of Gait: A Double-Blind, Randomized Controlled Trial. <i>Archives of Physical Medicine and Rehabilitation</i> , <b>2018</b> , 99, 2420-2429	2.8	8
142	Effect of physiotherapeutic intervention on the gait after the application of botulinum toxin in children with cerebral palsy: systematic review. <i>European Journal of Physical and Rehabilitation Medicine</i> , <b>2018</b> , 54, 757-765	4.4	9
141	Gait Scores: Interpretations and Limitations <b>2018</b> , 673-687		
140	Timed Up and Go evaluation with wearable devices: Validation in Parkinson's disease. <i>Journal of Bodywork and Movement Therapies</i> , <b>2018</b> , 22, 390-395	1.6	23
139	Gait evaluation using inertial measurement units in subjects with Parkinson's disease. <i>Journal of Electromyography and Kinesiology</i> , <b>2018</b> , 42, 44-48	2.5	34
138	Peripheral neurostimulation breaks the shuffling steps patterns in Parkinsonian gait: a double blind randomized longitudinal study with automated mechanical peripheral stimulation. <i>European Journal of Physical and Rehabilitation Medicine</i> , <b>2018</b> , 54, 860-865	4.4	2
137	An examination of the relationship between dynamic knee joint stiffness and gait pattern of children with cerebral palsy. <i>Journal of Bodywork and Movement Therapies</i> , <b>2018</b> , 22, 747-751	1.6	1
136	Analyzing gait variability and dual-task interference in patients with Parkinson's disease and freezing by means of the word-color Stroop test. <i>Aging Clinical and Experimental Research</i> , <b>2018</b> , 30, 1137-1142 <sup>4,8,7</sup>	4.8	7
135	Whole-body vibration training in obese subjects: A systematic review. <i>PLoS ONE</i> , <b>2018</b> , 13, e0202866	3.7	33
134	P100 - Effects of virtual reality training on mobility in individuals with Parkinson's disease. <i>Gait and Posture</i> , <b>2018</b> , 65, 394-395	2.6	1
133	Postural insoles on gait in children with cerebral palsy: Randomized controlled double-blind clinical trial. <i>Journal of Bodywork and Movement Therapies</i> , <b>2017</b> , 21, 890-895	1.6	5
132	Multi-segmental movement patterns reflect juggling complexity and skill level. <i>Human Movement Science</i> , <b>2017</b> , 54, 144-153	2.4	20
131	Effects of a single session of transcranial direct current stimulation on upper limb movements in children with cerebral palsy: A randomized, sham-controlled study. <i>Developmental Neurorehabilitation</i> , <b>2017</b> , 20, 368-375	1.8	20
130	Computation of spatio-temporal parameters in level walking using a single inertial system in lean and obese adolescents. <i>Biomedizinische Technik</i> , <b>2017</b> , 62, 505-511	1.3	9
129	How multi segmental patterns deviate in spastic diplegia from typical developed. <i>Clinical Biomechanics</i> , <b>2017</b> , 48, 103-109	2.2	14
128	Body-scaled action in obesity during locomotion: Insights on the nature and extent of body representation disturbances. <i>Journal of Psychosomatic Research</i> , <b>2017</b> , 102, 34-40	4.1	7

127	The effects of Automated Mechanical Peripheral Stimulation in functional mobility and neuroplasticity of subjects with Parkinson's Disease: a Hierarchical Cluster Analysis. <i>Gait and Posture</i> , <b>2017</b> , 57, 45-46	2.6	2
126	Three dimensional motion capture applied to violin playing: A study on feasibility and characterization of the motor strategy. <i>Computer Methods and Programs in Biomedicine</i> , <b>2017</b> , 149, 19-27	6.9	31
125	Effect of bilateral transcranial direct current stimulation combined with gait training in a child with hemiparetic spastic cerebral palsy: Case report. <i>Gait and Posture</i> , <b>2017</b> , 57, 361	2.6	1
124	Protocol study for a randomised, controlled, double-blind, clinical trial involving virtual reality and anodal transcranial direct current stimulation for the improvement of upper limb motor function in children with Down syndrome. <i>BMJ Open</i> , <b>2017</b> , 7, e016260	3	7
123	Gait initiation and termination strategies in patients with Prader-Willi syndrome. <i>Journal of NeuroEngineering and Rehabilitation</i> , <b>2017</b> , 14, 44	5.3	10
122	Motor Cortex Plasticity in Children With Spastic Cerebral Palsy: A Systematic Review. <i>Journal of Motor Behavior</i> , <b>2017</b> , 49, 355-364	1.4	7
121	Stabilometric analysis of the effect of postural insoles on static balance in patients with hemiparesis: A randomized, controlled, clinical trial. <i>Journal of Bodywork and Movement Therapies</i> , <b>2017</b> , 21, 290-296	1.6	4
120	Direct-acting antivirals in hepatitis C virus (HCV)-infected and HCV/HIV-coinfected patients: real-life safety and efficacy. <i>HIV Medicine</i> , <b>2017</b> , 18, 284-291	2.7	54
119	Effect of Transcranial Direct Current Stimulation Combined With Virtual Reality Training on Balance in Children With Cerebral Palsy: A Randomized, Controlled, Double-Blind, Clinical Trial. <i>Journal of Motor Behavior</i> , <b>2017</b> , 49, 329-336	1.4	27
118	The coefficient of friction in Parkinson's disease gait. <i>Functional Neurology</i> , <b>2017</b> , 32, 17-22	2.2	3
117	Does kinematics add meaningful information to clinical assessment in post-stroke upper limb rehabilitation? A case report. <i>Journal of Physical Therapy Science</i> , <b>2016</b> , 28, 2408-13	1	10
116	Use of the gait profile score for the quantification of the effects of robot-assisted gait training in patients with Parkinson's disease <b>2016</b> ,		1
115	Gait Scores Interpretations and Limitations <b>2016</b> , 1-15		
114	Monosynaptic Reflexes and Preprogrammed Reactions in Down Syndrome: A Surface Electromyographic Study. <i>Journal of Policy and Practice in Intellectual Disabilities</i> , <b>2016</b> , 13, 157-164	1.8	2
113	Comparative study between circumferential method and laser scanner 3D method for the evaluation of arm volume in healthy subjects. <i>Journal of Vascular Surgery: Venous and Lymphatic Disorders</i> , <b>2016</b> , 4, 64-72	3.2	13
112	Osteopathic Manipulative Treatment improves gait pattern and posture in adult patients with Prader-Willi syndrome. <i>International Journal of Osteopathic Medicine</i> , <b>2016</b> , 19, 35-43	1.9	8
111	Robot-assisted gait training versus treadmill training in patients with Parkinson's disease: a kinematic evaluation with gait profile score. <i>Functional Neurology</i> , <b>2016</b> , 31, 163-70	2.2	24
110	Spared Primary Motor Cortex and The Presence of MEP in Cerebral Palsy Dictate the Responsiveness to tDCS during Gait Training. <i>Frontiers in Human Neuroscience</i> , <b>2016</b> , 10, 361	3.3	18

109	Foot-type analysis and plantar pressure differences between obese and nonobese adolescents during upright standing. <i>International Journal of Rehabilitation Research</i> , <b>2016</b> , 39, 87-91	1.8	11
108	Focal Muscle Vibration Improves Gait in Parkinson's Disease: A Pilot Randomized, Controlled Trial. <i>Movement Disorders Clinical Practice</i> , <b>2016</b> , 3, 559-566	2.2	11
107	Transcranial direct current stimulation combined with upper limb functional training in children with spastic, hemiparetic cerebral palsy: study protocol for a randomized controlled trial. <i>Trials</i> , <b>2016</b> , 17, 405	2.8	7
106	<b>2016</b> ,		2
105	The Required Coefficient of Friction for evaluating gait alterations in people with Multiple Sclerosis during gait. <i>Multiple Sclerosis and Related Disorders</i> , <b>2016</b> , 10, 174-178	4	5
104	Quantitative Evaluation of the Effects of Ankle Foot Orthosis on Gait in Children with Cerebral Palsy Using the Gait Profile Score and Gait Variable Scores. <i>Journal of Developmental and Physical Disabilities</i> , <b>2016</b> , 28, 367-379	1.5	13
103	Foot-Ground Interaction during Standing in Individuals with Down Syndrome: a Longitudinal Retrospective Study. <i>Journal of Developmental and Physical Disabilities</i> , <b>2016</b> , 28, 835-847	1.5	2
102	Different horse's paces during hippotherapy on spatio-temporal parameters of gait in children with bilateral spastic cerebral palsy: A feasibility study. <i>Research in Developmental Disabilities</i> , <b>2016</b> , 59, 65-72	2.7	11
101	Quantification of long-term effects of botulinum injection in a case of cerebral palsy affecting the upper limb movement. <i>Developmental Neurorehabilitation</i> , <b>2015</b> , 18, 145-8	1.8	1
100	Effects of flooring on required coefficient of friction: Elderly adult vs. middle-aged adult barefoot gait. <i>Applied Ergonomics</i> , <b>2015</b> , 50, 147-52	4.2	17
99	Clumsiness in fine motor tasks: evidence from the quantitative drawing evaluation of children with Down Syndrome. <i>Journal of Intellectual Disability Research</i> , <b>2015</b> , 59, 248-56	3.2	21
98	Gait pattern in lean and obese adolescents. <i>International Journal of Rehabilitation Research</i> , <b>2015</b> , 38, 40-8	1.8	11
97	Effects of obesity on gait pattern in young individuals with Down syndrome. <i>International Journal of Rehabilitation Research</i> , <b>2015</b> , 38, 55-60	1.8	12
96	Relationship between gait initiation and disability in individuals affected by multiple sclerosis. <i>Multiple Sclerosis and Related Disorders</i> , <b>2015</b> , 4, 594-7	4	6
95	The effects of neuromuscular taping on gait walking strategy in a patient with joint hypermobility syndrome/Ehlers-Danlos syndrome hypermobility type. <i>Therapeutic Advances in Musculoskeletal Disease</i> , <b>2015</b> , 7, 3-10	3.8	18
94	Effects of a single session of transcranial direct current stimulation on static balance in a patient with hemiparesis: a case study. <i>Journal of Physical Therapy Science</i> , <b>2015</b> , 27, 955-8	1	14
93	Use of the Gait Profile Score for the Quantification of Gait Pattern in Down Syndrome. <i>Journal of Developmental and Physical Disabilities</i> , <b>2015</b> , 27, 609-615	1.5	10
92	Context-Dependency of Mobility in Children and Adolescents With Cerebral Palsy: Optimal and Natural Environments. <i>Journal of Policy and Practice in Intellectual Disabilities</i> , <b>2015</b> , 12, 288-293	1.8	1



91	The Parkinsonian Gait Spatiotemporal Parameters Quantified by a Single Inertial Sensor before and after Automated Mechanical Peripheral Stimulation Treatment. <i>Parkinsons Disease</i> , <b>2015</b> , 2015, 390512	2.6	30
90	Long-term effects of automated mechanical peripheral stimulation on gait patterns of patients with Parkinson's disease. <i>International Journal of Rehabilitation Research</i> , <b>2015</b> , 38, 238-45	1.8	16
89	Effects of anodal transcranial direct current stimulation combined with virtual reality for improving gait in children with spastic diparetic cerebral palsy: a pilot, randomized, controlled, double-blind, clinical trial. <i>Clinical Rehabilitation</i> , <b>2015</b> , 29, 1212-23	3.3	59
88	Acute Modulation of Brain Connectivity in Parkinson Disease after Automatic Mechanical Peripheral Stimulation: A Pilot Study. <i>PLoS ONE</i> , <b>2015</b> , 10, e0137977	3.7	19
87	Does neuromuscular taping influence hand kinesiology? A pilot study on Down's Syndrome. <i>Clinica Terapeutica</i> , <b>2015</b> , 166, e257-63	1	0
86	Evaluation of posture signal using entropy analysis and fractal dimension in adults with Down syndrome. <i>Computer Methods in Biomechanics and Biomedical Engineering</i> , <b>2014</b> , 17, 474-9	2.1	8
85	The fractal dimension approach in posture: a comparison between Down and Prader-Willi syndrome patients. <i>Computer Methods in Biomechanics and Biomedical Engineering</i> , <b>2014</b> , 17, 1535-41	2.1	9
84	Linear correlation between fractal dimension of surface EMG signal from Rectus Femoris and height of vertical jump. <i>Chaos, Solitons and Fractals</i> , <b>2014</b> , 66, 120-126	9.3	16
83	Neuromuscular taping for the upper limb in Cerebral Palsy: A case study in a patient with hemiplegia. <i>Developmental Neurorehabilitation</i> , <b>2014</b> , 17, 384-7	1.8	21
82	Transcranial direct current stimulation during treadmill training in children with cerebral palsy: a randomized controlled double-blind clinical trial. <i>Research in Developmental Disabilities</i> , <b>2014</b> , 35, 2840-8	2.7	63
81	Novel characterization of gait impairments in people with multiple sclerosis by means of the gait profile score. <i>Journal of the Neurological Sciences</i> , <b>2014</b> , 345, 159-63	3.2	43
80	Gait strategy in genetically obese patients: a 7-year follow up. <i>Research in Developmental Disabilities</i> , <b>2014</b> , 35, 1501-6	2.7	6
79	Center of pressure displacements during gait initiation in individuals with obesity. <i>Journal of NeuroEngineering and Rehabilitation</i> , <b>2014</b> , 11, 82	5.3	37
78	Mechanical energy assessment of adult with Down syndrome during walking with obstacle avoidance. <i>Research in Developmental Disabilities</i> , <b>2014</b> , 35, 1856-62	2.7	7
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