

Veronica Cimolin

List of Publications by Year in descending order

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Version: 2024-02-01

159
papers

3,181
citations

159585

30
h-index

233421

45
g-index

161
all docs

161
docs citations

161
times ranked

3450
citing authors

#	ARTICLE	IF	CITATIONS
1	Summary measures for clinical gait analysis: A literature review. <i>Gait and Posture</i> , 2014, 39, 1005-1010.	1.4	201
2	Quantitative analysis of sit to stand movement: Experimental set-up definition and application to healthy and hemiplegic adults. <i>Gait and Posture</i> , 2008, 28, 80-85.	1.4	153
3	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> , 2014, 35, 2840-2848.	2.2	84
4	Gait patterns in Prader-Willi and Down syndrome patients. <i>Journal of NeuroEngineering and Rehabilitation</i> , 2010, 7, 28.	4.6	76
5	Body-Sensor-Network-Based Kinematic Characterization and Comparative Outlook of UPDRS Scoring in Leg Agility, Sit-to-Stand, and Gait Tasks in Parkinson's Disease. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2015, 19, 1777-1793.	6.3	69
6	Fugl-Meyer Assessment Scores Are Related With Kinematic Measures in People with Chronic Hemiparesis after Stroke. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2020, 29, 104463.	1.6	68
7	Constraint-Induced Movement Therapy for Children With Hemiplegia After Traumatic Brain Injury. <i>Journal of Head Trauma Rehabilitation</i> , 2012, 27, 177-187.	1.7	55
8	Robot-assisted walking training for individuals with Parkinson's disease: a pilot randomized controlled trial. <i>BMC Neurology</i> , 2013, 13, 50.	1.8	55
9	Gait evaluation using inertial measurement units in subjects with Parkinson's disease. <i>Journal of Electromyography and Kinesiology</i> , 2018, 42, 44-48.	1.7	53
10	3D gait analysis in patients with hereditary spastic paraparesis and spastic diplegia: A kinematic, kinetic and EMG comparison. <i>European Journal of Paediatric Neurology</i> , 2011, 15, 138-145.	1.6	49
11	Gait strategy in patients with Ehlers-Danlos syndrome hypermobility type and Down syndrome. <i>Research in Developmental Disabilities</i> , 2012, 33, 1437-1442.	2.2	48
12	Measuring regularity of human postural sway using approximate entropy and sample entropy in patients with Ehlers-Danlos syndrome hypermobility type. <i>Research in Developmental Disabilities</i> , 2013, 34, 840-846.	2.2	47
13	Postural strategies in Prader-Willi and Down syndrome patients. <i>Research in Developmental Disabilities</i> , 2011, 32, 669-673.	2.2	46
14	Gait strategy in patients with Ehlers-Danlos syndrome hypermobility type: A kinematic and kinetic evaluation using 3D gait analysis. <i>Research in Developmental Disabilities</i> , 2011, 32, 1663-1668.	2.2	46
15	Center of pressure displacements during gait initiation in individuals with obesity. <i>Journal of NeuroEngineering and Rehabilitation</i> , 2014, 11, 82.	4.6	45
16	Effects of obesity and chronic low back pain on gait. <i>Journal of NeuroEngineering and Rehabilitation</i> , 2011, 8, 55.	4.6	44
17	Use of the Gait Deviation Index for the assessment of gastrocnemius fascia lengthening in children with Cerebral Palsy. <i>Research in Developmental Disabilities</i> , 2011, 32, 377-381.	2.2	43
18	Use of the Gait Profile Score for the evaluation of patients with joint hypermobility syndrome/Ehlers-Danlos syndrome hypermobility type. <i>Research in Developmental Disabilities</i> , 2013, 34, 4280-4285.	2.2	43

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19	Reference values for the 6-Min Walking Test in obese subjects. <i>Disability and Rehabilitation</i> , 2013, 35, 1199-1203.	1.8	43
20	Assessing disability in morbidly obese individuals: the Italian Society of Obesity test for obesity-related disabilities. <i>Disability and Rehabilitation</i> , 2011, 33, 2509-2518.	1.8	42
21	Osteopathic manipulative treatment in obese patients with chronic low back pain: A pilot study. <i>Manual Therapy</i> , 2012, 17, 451-455.	1.6	42
22	Gait patterns in hemiplegic children with Cerebral Palsy: Comparison of right and left hemiplegia. <i>Research in Developmental Disabilities</i> , 2010, 31, 1340-1345.	2.2	41
23	Relationship between flat foot condition and gait pattern alterations in children with <i>own syndrome</i> . <i>Journal of Intellectual Disability Research</i> , 2014, 58, 269-276.	2.0	41
24	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> , 2017, 49, 329-336.	0.9	39
25	The effects of low arched feet on foot rotation during gait in children with <i>own syndrome</i> . <i>Journal of Intellectual Disability Research</i> , 2014, 58, 758-764.	2.0	37
26	Feasibility of Home-Based Automated Assessment of Postural Instability and Lower Limb Impairments in Parkinson's Disease. <i>Sensors</i> , 2019, 19, 1129.	3.8	37
27	A Self-Managed System for Automated Assessment of UPDRS Upper Limb Tasks in Parkinson's Disease. <i>Sensors</i> , 2018, 18, 3523.	3.8	36
28	Robot-assisted gait training versus treadmill training in patients with Parkinson's disease: a kinematic evaluation with gait profile score. <i>Functional Neurology</i> , 2016, 31, 163-70.	1.3	35
29	Effectiveness of a 6-month home-based training program in Prader-Willi patients. <i>Research in Developmental Disabilities</i> , 2010, 31, 1373-1379.	2.2	34
30	Characterisation of balance capacity in Prader-Willi patients. <i>Research in Developmental Disabilities</i> , 2011, 32, 81-86.	2.2	32
31	The effects of muscle hypotonia and weakness on balance: A study on Prader-Willi and Ehlers-Danlos syndrome patients. <i>Research in Developmental Disabilities</i> , 2011, 32, 1117-1121.	2.2	32
32	Gait pattern in myotonic dystrophy (Steinert disease): A kinematic, kinetic and EMG evaluation using 3D gait analysis. <i>Journal of the Neurological Sciences</i> , 2012, 314, 83-87.	0.6	31
33	Effects of mechanical stimulation of the feet on gait and cardiovascular autonomic control in Parkinson's disease. <i>Journal of Applied Physiology</i> , 2014, 116, 495-503.	2.5	31
34	Assigning UPDRS Scores in the Leg Agility Task of Parkinsonians: Can It Be Done Through BSN-Based Kinematic Variables?. <i>IEEE Internet of Things Journal</i> , 2015, 2, 41-51.	8.7	31
35	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> , 2017, 20, 368-375.	1.1	31
36	Relationship between fatigue and gait abnormality in Joint Hypermobility Syndrome/Ehlers-Danlos Syndrome Hypermobility type. <i>Research in Developmental Disabilities</i> , 2012, 33, 1914-1918.	2.2	30

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37	Effects of gastrocnemius fascia lengthening on gait pattern in children with cerebral palsy using the Gait Profile Score. <i>Research in Developmental Disabilities</i> , 2014, 35, 1137-1143.	2.2	28
38	Inertial BSN-Based Characterization and Automatic UPDRS Evaluation of the Gait Task of Parkinsonians. <i>IEEE Transactions on Affective Computing</i> , 2016, 7, 258-271.	8.3	28
39	Neuromuscular taping for the upper limb in Cerebral Palsy: A case study in a patient with hemiplegia. <i>Developmental Neurorehabilitation</i> , 2014, 17, 384-387.	1.1	26
40	How multi segmental patterns deviate in spastic diplegia from typical developed. <i>Clinical Biomechanics</i> , 2017, 48, 103-109.	1.2	26
41	Use of the Gait Deviation Index for the Evaluation of Patients With Parkinson's Disease. <i>Journal of Motor Behavior</i> , 2012, 44, 161-167.	0.9	25
42	Automatic UPDRS Evaluation in the Sit-to-Stand Task of Parkinsonians: Kinematic Analysis and Comparative Outlook on the Leg Agility Task. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2015, 19, 1-1.	6.3	25
43	Fractal dimension approach in postural control of subjects with Prader-Willi Syndrome. <i>Journal of NeuroEngineering and Rehabilitation</i> , 2011, 8, 45.	4.6	23
44	Skeletal Muscle Mass, Sarcopenia and Rehabilitation Outcomes in Post-Acute COVID-19 Patients. <i>Journal of Clinical Medicine</i> , 2021, 10, 5623.	2.4	23
45	Balance Control and Balance Recovery in Obesity. <i>Current Obesity Reports</i> , 2012, 1, 166-173.	8.4	22
46	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> , 2015, 7, 3-10.	2.7	22
47	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> , 2016, 4, 64-72.	1.6	22
48	An Integrated Multi-Sensor Approach for the Remote Monitoring of Parkinson's Disease. <i>Sensors</i> , 2019, 19, 4764.	3.8	22
49	Monitoring of Gait Parameters in Post-Stroke Individuals: A Feasibility Study Using RGB-D Sensors. <i>Sensors</i> , 2021, 21, 5945.	3.8	22
50	Three-dimensional analysis of performance of an upper limb functional task among adults with dyskinetic cerebral palsy. <i>Gait and Posture</i> , 2014, 39, 875-881.	1.4	21
51	Foot pressure distribution in children with cerebral palsy while standing. <i>Research in Developmental Disabilities</i> , 2015, 41-42, 52-57.	2.2	21
52	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> , 2019, 44, 78-85.	1.7	21
53	Computation of Gait Parameters in Post Stroke and Parkinson's Disease: A Comparative Study Using RGB-D Sensors and Optoelectronic Systems. <i>Sensors</i> , 2022, 22, 824.	3.8	21
54	Effect of Obesity on Knee and Ankle Biomechanics during Walking. <i>Sensors</i> , 2021, 21, 7114.	3.8	20

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55	Computerized gait analysis of Botulinum Toxin treatment in children with cerebral palsy. <i>Disability and Rehabilitation</i> , 2007, 29, 659-664.	1.8	19
56	Assessment of gait recovery in children after traumatic brain injury. <i>Brain Injury</i> , 2009, 23, 751-759.	1.2	19
57	Gait pattern in two rare genetic conditions characterized by muscular hypotonia: Ehlers-Danlos and Prader-Willi syndrome. <i>Research in Developmental Disabilities</i> , 2011, 32, 1722-1728.	2.2	19
58	Upper-limb movement smoothness after stroke and its relationship with measures of body function/structure and activity – A cross-sectional study. <i>Journal of the Neurological Sciences</i> , 2019, 401, 75-78.	0.6	19
59	Robot-Assisted Upper Limb Training for Hemiplegic Children with Cerebral Palsy. <i>Journal of Developmental and Physical Disabilities</i> , 2019, 31, 89-101.	1.6	19
60	Bi-cephalic transcranial direct current stimulation combined with functional electrical stimulation for upper-limb stroke rehabilitation: A double-blind randomized controlled trial. <i>Annals of Physical and Rehabilitation Medicine</i> , 2020, 63, 4-11.	2.3	19
61	A New Approach for the Quantitative Evaluation of the Clock Drawing Test: Preliminary Results on Subjects with Parkinson's Disease. <i>Neurology Research International</i> , 2010, 2010, 1-6.	1.3	18
62	Quantifying established clinical assessment measures using 3D-movement analysis in individuals with Down syndrome. <i>Disability and Rehabilitation</i> , 2010, 32, 1768-1774.	1.8	18
63	Long-term effects of automated mechanical peripheral stimulation on gait patterns of patients with Parkinson's disease. <i>International Journal of Rehabilitation Research</i> , 2015, 38, 238-245.	1.3	18
64	Gait initiation and termination strategies in patients with Prader-Willi syndrome. <i>Journal of NeuroEngineering and Rehabilitation</i> , 2017, 14, 44.	4.6	18
65	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> , 2018, 6, 96-103.	1.6	18
66	Symmetry of Gait in Underweight, Normal and Overweight Children and Adolescents. <i>Sensors</i> , 2019, 19, 2054.	3.8	18
67	3D-Quantitative evaluation of a rigid seating system and dynamic seating system using 3D movement analysis in individuals with dystonic tetraparesis. <i>Disability and Rehabilitation: Assistive Technology</i> , 2009, 4, 422-428.	2.2	17
68	Postural adaptations to long-term training in Prader-Willi patients. <i>Journal of NeuroEngineering and Rehabilitation</i> , 2011, 8, 26.	4.6	17
69	Kinematic analysis of upper limb during walking in diplegic children with Cerebral Palsy. <i>European Journal of Paediatric Neurology</i> , 2014, 18, 134-139.	1.6	17
70	Focal Muscle Vibration Improves Gait in Parkinson's Disease: A Pilot Randomized, Controlled Trial. <i>Movement Disorders Clinical Practice</i> , 2016, 3, 559-566.	1.5	17
71	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> , 2016, 28, 367-379.	1.6	17
72	Are patients with hereditary spastic paraplegia different from patients with spastic diplegia during walking? Gait evaluation using 3D gait analysis. <i>Functional Neurology</i> , 2007, 22, 23-8.	1.3	17

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73	Towards a Biomarker of Motor Adaptation: Integration of Kinematic and Neural Factors. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2012, 20, 258-267.	4.9	16
74	Effects of obesity on gait pattern in young individuals with Down syndrome. International Journal of Rehabilitation Research, 2015, 38, 55-60.	1.3	16
75	Gait strategy of uninvolved limb in children with spastic hemiplegia. Europa Medicophysica, 2007, 43, 303-10.	0.5	16
76	Kinect-Based Assessment of Lower Limbs during Gait in Post-Stroke Hemiplegic Patients: A Narrative Review. Sensors, 2022, 22, 4910.	3.8	15
77	Quantification of Upper Limb Motion During Gait in Children with Hemiplegic Cerebral Palsy. Journal of Developmental and Physical Disabilities, 2012, 24, 1-8.	1.6	14
78	Gait pattern in lean and obese adolescents. International Journal of Rehabilitation Research, 2015, 38, 40-48.	1.3	14
79	Foot-type analysis and plantar pressure differences between obese and nonobese adolescents during upright standing. International Journal of Rehabilitation Research, 2016, 39, 87-91.	1.3	14
80	Computation of spatio-temporal parameters in level walking using a single inertial system in lean and obese adolescents. Biomedizinische Technik, 2017, 62, 505-511.	0.8	14
81	Long-term evaluation of isolated gastrocnemius fascia lengthening in children with cerebral palsy using gait analysis. Journal of Pediatric Orthopaedics Part B, 2009, 18, 228-233.	0.6	13
82	Body-scaled action in obesity during locomotion: Insights on the nature and extent of body representation disturbances. Journal of Psychosomatic Research, 2017, 102, 34-40.	2.6	13
83	Quantitative assessment of drawing tests in children with dyslexia and dysgraphia. Human Movement Science, 2019, 65, 51-59.	1.4	13
84	Kinematics Adaptation and Inter-Limb Symmetry during Gait in Obese Adults. Sensors, 2021, 21, 5980.	3.8	13
85	Relationship between gait profile score and clinical assessments of gait in post-stroke patients. Journal of Rehabilitation Medicine, 2021, 53, jrm00192.	1.1	12
86	Functional Electrical Stimulation for Foot Drop in Post-Stroke People: Quantitative Effects on Step-to-Step Symmetry of Gait Using a Wearable Inertial Sensor. Sensors, 2021, 21, 921.	3.8	12
87	Transcranial direct current stimulation combined with upper limb functional training in children with spastic, hemiparetic cerebral palsy: study protocol for a randomized controlled trial. Trials, 2016, 17, 405.	1.6	11
88	Does kinematics add meaningful information to clinical assessment in post-stroke upper limb rehabilitation? A case report. Journal of Physical Therapy Science, 2016, 28, 2408-2413.	0.6	11
89	Osteopathic Manipulative Treatment improves gait pattern and posture in adult patients with Prader-Willi syndrome. International Journal of Osteopathic Medicine, 2016, 19, 35-43.	1.0	11
90	A biomechanical study of gait initiation in Down syndrome. BMC Neurology, 2019, 19, 66.	1.8	11

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91	Dizziness and Falls in Obese Inpatients Undergoing Metabolic Rehabilitation. PLoS ONE, 2017, 12, e0169322.	2.5	11
92	The effect of vision on postural strategies in Prader-Willi patients. Research in Developmental Disabilities, 2011, 32, 1965-1969.	2.2	10
93	Quantitative Effects of Repeated Muscle Vibrations on Gait Pattern in a 5-Year-Old Child with Cerebral Palsy. Case Reports in Medicine, 2011, 2011, 1-5.	0.7	10
94	Linking UPDRS Scores and Kinematic Variables in the Leg Agility Task of Parkinsonians. , 2014, , .		10
95	Use of the Gait Profile Score for the Quantification of Gait Pattern in Down Syndrome. Journal of Developmental and Physical Disabilities, 2015, 27, 609-615.	1.6	10
96	Age-Related Changes in Smoothness of Gait of Healthy Children and Early Adolescents. Journal of Motor Behavior, 2020, 52, 694-702.	0.9	10
97	The fractal dimension approach in posture: a comparison between Down and Prader-Willi syndrome patients. Computer Methods in Biomechanics and Biomedical Engineering, 2014, 17, 1535-1541.	1.6	9
98	Visual Hallucinations as Incidental Negative Effects of Virtual Reality on Parkinson's Disease Patients: A Link with Neurodegeneration?. Parkinson's Disease, 2015, 2015, 1-6.	1.1	9
99	Motor control exercises of the lumbar-pelvic region improve respiratory function in obese men. A pilot study. Disability and Rehabilitation, 2018, 40, 152-158.	1.8	9
100	Quantitative Analysis of Upper Limbs during Gait: A Marker Set Protocol. Journal of Applied Biomaterials and Functional Materials, 2012, 10, 49-55.	1.6	8
101	Quantitative 3D evaluation of step ascent and descent in individuals with Down syndrome - analysis of a daily challenging task. Journal of Intellectual Disability Research, 2013, 57, 1143-1151.	2.0	8
102	Spiral Analysis in Subjects with Parkinson's Disease before and after Levodopa Treatment: A New Protocol with Stereophotogrammetric Systems. Journal of Applied Biomaterials and Functional Materials, 2014, 12, 107-112.	1.6	8
103	Effect of Transcranial Direct Current Stimulation Combined With Xbox-Kinect Game Experience on Upper Limb Movement in Down Syndrome: A Case Report. Frontiers in Bioengineering and Biotechnology, 2020, 8, 514.	4.1	8
104	Gait strategy and body composition in patients with Prader-Willi syndrome. Eating and Weight Disorders, 2021, 26, 115-124.	2.5	8
105	Effectiveness of in-patient rehabilitation in obesity-related orthopedic conditions. Journal of Endocrinological Investigation, 2013, 36, 628-31.	3.3	8
106	The Effects of Femoral Derotation Osteotomy in Cerebral Palsy: A Kinematic and Kinetic Study. HIP International, 2011, 21, 657-664.	1.7	7
107	On the characterization of Leg Agility in patients with Parkinson's Disease. , 2013, , .		7
108	Foot Type Analysis Based on Electronic Pedobarography Data in Individuals with Joint Hypermobility Syndrome/Ehlers-Danlos Syndrome Hypermobility Type During Upright Standing. Journal of the American Podiatric Medical Association, 2014, 104, 588-593.	0.3	7

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109	Gait strategy in genetically obese patients: A 7-year follow up. <i>Research in Developmental Disabilities</i> , 2014, 35, 1501-1506.	2.2	7
110	A novel summary kinematic index for postural characterization in subjects with Parkinson's disease. <i>European Journal of Physical and Rehabilitation Medicine</i> , 2020, 56, 142-147.	2.2	7
111	A Comparative Analysis of Shoes Designed for Subjects with Obesity Using a Single Inertial Sensor: Preliminary Results. <i>Sensors</i> , 2022, 22, 782.	3.8	7
112	Quantitative Effects on Proximal Joints of Botulinum Toxin Treatment for Gastrocnemius Spasticity: A 4-Year-Old Case Study. <i>Case Reports in Medicine</i> , 2009, 2009, 1-4.	0.7	6
113	Are knee kinematic anomalies in swing due to rectus femoris spasticity different from those due to femoral anteversion in children with cerebral palsy? A quantitative evaluation using 3D gait analysis. <i>Journal of Pediatric Orthopaedics Part B</i> , 2010, 19, 221-225.	0.6	6
114	The Use of 3d Motion Analysis in a Patient with an Atypical Juvenile Neuronal Ceroid Lipofuscinoses Phenotype with CLN1 Mutation and Deficient PPT Activity. <i>Journal of Developmental and Physical Disabilities</i> , 2012, 24, 155-165.	1.6	6
115	Quantification of Patellar Tendon Shortening in a Patient with Cerebral Palsy. <i>Journal of Applied Biomaterials and Functional Materials</i> , 2014, 12, 57-63.	1.6	6
116	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> , 2017, 21, 290-296.	1.2	6
117	Effect of postural insoles on gait pattern in individuals with hemiparesis: A randomized controlled clinical trial. <i>Journal of Bodywork and Movement Therapies</i> , 2018, 22, 792-797.	1.2	6
118	Defective Tool Embodiment in Body Representation of Individuals Affected by Parkinson's Disease: A Preliminary Study. <i>Frontiers in Psychology</i> , 2018, 9, 2489.	2.1	6
119	A proposal for a kinetic summary measure: the Gait Kinetic Index. <i>Computer Methods in Biomechanics and Biomedical Engineering</i> , 2019, 22, 94-99.	1.6	6
120	Remote monitoring and rehabilitation for patients with neurological diseases. , 2014, , .		6
121	An improved solution for knee rehabilitation at home. , 2014, , .		6
122	Measuring changes after multidisciplinary rehabilitation of obese individuals. <i>Journal of Endocrinological Investigation</i> , 2013, 36, 72-7.	3.3	6
123	Gait Analysis in Anorexia and Bulimia Nervosa. <i>Journal of Applied Biomaterials and Functional Materials</i> , 2013, 11, 122-128.	1.6	5
124	Slow versus traditional strength training in obese female participants: preliminary results. <i>International Journal of Rehabilitation Research</i> , 2019, 42, 120-125.	1.3	5
125	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> , 2019, 54, 860-865.	2.2	5
126	Gait Analysis before and after Gastrocnemius Fascia Lengthening for Spastic Equinus Foot Deformity in a 10-Year-Old Diplegic Child. <i>Case Reports in Medicine</i> , 2010, 2010, 1-9.	0.7	4

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127	Comparison of Two Pelvic Positioning Belt Configurations in a Pediatric Wheelchair. <i>Assistive Technology</i> , 2013, 25, 240-246.	2.0	4
128	Spinal cord injury in pediatric age in Spain. Reality of a national reference center. <i>Child's Nervous System</i> , 2015, 31, 917-921.	1.1	4
129	Balance Control in Obese Subjects during Quiet Stance: A State-of-the Art. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 1842.	2.5	4
130	Changes in symmetry during gait in adults with Prader-Willi syndrome. <i>Computer Methods in Biomechanics and Biomedical Engineering</i> , 2020, 23, 1094-1101.	1.6	4
131	Retraining selective trunk muscle activity: A key to more successful rehabilitation outcomes for hemiparetic stroke patients. <i>NeuroRehabilitation</i> , 2021, 49, 87-94.	1.3	4
132	Postural sway in adolescent athletes: a comparison among volleyball, basketball and gymnastics players. <i>Gazzetta Medica Italiana Archivio Per Le Scienze Mediche</i> , 2017, 176, .	0.1	4
133	Impact of the First Phase of the COVID-19 Pandemic on the Acquisition of Goods and Services in the Italian Health System. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 2000.	2.6	4
134	Brain Asymmetry and Its Effects on Gait Strategies in Hemiplegic Patients: New Rehabilitative Conceptions. <i>Brain Sciences</i> , 2022, 12, 798.	2.3	4
135	The Armeo Spring as training tool to improve upper limb functionality in hemiplegic Cerebral Palsy: A pilot study. , 2016, , .		3
136	Foot-€Ground Interaction during Standing in Individuals with Down Syndrome: a Longitudinal Retrospective Study. <i>Journal of Developmental and Physical Disabilities</i> , 2016, 28, 835-847.	1.6	3
137	Use of the gait profile score for the quantification of the effects of robot-assisted gait training in patients with Parkinson's disease. , 2016, , .		3
138	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> , 2018, 22, 747-751.	1.2	3
139	Low-Complexity Inertial Sensor-based Characterization of the UPDRS Score in the Gait Task of Parkinsonians. , 2014, , .		3
140	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> , 2022, 23, 87.	1.6	3
141	A methodological study for the multifactorial assessment of motor adaptation: Integration of kinematic and neural factors. , 2010, 2010, 4910-3.		2
142	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> , 2020, 23, 1260-1266.	1.6	2
143	Range of motion limitations of the upper body in obese female workers. <i>Medicina Del Lavoro</i> , 2017, 108, 455-465.	0.4	2
144	Spinal load in nurses during emergency lifting of obese patients: preliminary results. <i>Medicina Del Lavoro</i> , 2016, 107, 356-363.	0.4	2

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145	Event related synchronization and Hilbert Huang transform in the study of motor adaptation: A comparison of methods. , 2011, , .		1
146	On the correlation between UPDRS scoring in the leg agility, sit-to-stand, and gait tasks for parkinsonians. , 2015, , .		1
147	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> , 2020, 11, 592376.	2.4	1
148	Biomechanics of Basic Activities. , 2013, , 39-53.		1
149	Bicephalic Transcranial Direct-Current Stimulation Does Not Add Benefits to a Footdrop Stimulator for Improving Functional Mobility in People With Chronic Hemiparesis After Stroke: A Double-Blind, Randomized Controlled Trial. <i>Physical Therapy</i> , 2022, 102, .	2.4	1
150	Proposal of a combined optoelectronic and electroencephalographic method for the study of kinematic and neural correlates of Motor Adaptation. , 2010, , .		0
151	Obesity and Chronic Low Back Pain. , 2014, , 417-427.		0
152	Gait Scores – Interpretations and Limitations. , 2016, , 1-15.		0
153	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> , 2022, 25, 140-147.	1.6	0
154	Prevalence of urinary incontinence in a cohort of women with obesity. <i>Physiotherapy Practice and Research</i> , 2021, , 1-6.	0.1	0
155	Dynamic Navigation System Design for Networked Electric Vehicles. <i>Lecture Notes in Computer Science</i> , 2011, , 156-166.	1.3	0
156	Osteopathic manipulation of the ankle improves spinal flexibility in elite alpine skiers: a pilot study. <i>Gazzetta Medica Italiana Archivio Per Le Scienze Mediche</i> , 2017, 176, .	0.1	0
157	Study of Cardiac Features in Adults with Down Syndrome. <i>Journal of Intellectual Disability - Diagnosis and Treatment</i> , 2017, 5, 18-23.	0.3	0
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