

# 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	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
2	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
3	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
4	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
5	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
6	Wearables for Movement Analysis in Healthcare. <i>Sensors</i> , 2022, 22, 3720.	3.8	0
7	Brain Asymmetry and Its Effects on Gait Strategies in Hemiplegic Patients: New Rehabilitative Conceptions. <i>Brain Sciences</i> , 2022, 12, 798.	2.3	4
8	Kinect-Based Assessment of Lower Limbs during Gait in Post-Stroke Hemiplegic Patients: A Narrative Review. <i>Sensors</i> , 2022, 22, 4910.	3.8	15
9	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
10	Gait strategy and body composition in patients with Prader-Willi syndrome. <i>Eating and Weight Disorders</i> , 2021, 26, 115-124.	2.5	8
11	Relationship between gait profile score and clinical assessments of gait in post-stroke patients. <i>Journal of Rehabilitation Medicine</i> , 2021, 53, jrm00192.	1.1	12
12	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> , 2021, 21, 921.	3.8	12
13	Prevalence of urinary incontinence in a cohort of women with obesity. <i>Physiotherapy Practice and Research</i> , 2021, , 1-6.	0.1	0
14	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
15	Kinematics Adaptation and Inter-Limb Symmetry during Gait in Obese Adults. <i>Sensors</i> , 2021, 21, 5980.	3.8	13
16	Monitoring of Gait Parameters in Post-Stroke Individuals: A Feasibility Study Using RGB-D Sensors. <i>Sensors</i> , 2021, 21, 5945.	3.8	22
17	Effect of Obesity on Knee and Ankle Biomechanics during Walking. <i>Sensors</i> , 2021, 21, 7114.	3.8	20
18	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

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19	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
20	Age-Related Changes in Smoothness of Gait of Healthy Children and Early Adolescents. <i>Journal of Motor Behavior</i> , 2020, 52, 694-702.	0.9	10
21	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
22	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
23	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
24	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> , 2020, 8, 514.	4.1	8
25	Balance Control in Obese Subjects during Quiet Stance: A State-of-the Art. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 1842.	2.5	4
26	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
27	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
28	Quantitative assessment of drawing tests in children with dyslexia and dysgraphia. <i>Human Movement Science</i> , 2019, 65, 51-59.	1.4	13
29	An Integrated Multi-Sensor Approach for the Remote Monitoring of Parkinson's Disease. <i>Sensors</i> , 2019, 19, 4764.	3.8	22
30	Symmetry of Gait in Underweight, Normal and Overweight Children and Adolescents. <i>Sensors</i> , 2019, 19, 2054.	3.8	18
31	A biomechanical study of gait initiation in Down syndrome. <i>BMC Neurology</i> , 2019, 19, 66.	1.8	11
32	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
33	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
34	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
35	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
36	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

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37	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
38	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
39	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
40	Motor control exercises of the lumbar-pelvic region improve respiratory function in obese men. A pilot study. <i>Disability and Rehabilitation</i> , 2018, 40, 152-158.	1.8	9
41	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
42	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
43	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
44	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
45	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
46	Gait Scores: Interpretations and Limitations. , 2018, , 673-687.		0
47	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
48	Computation of spatio-temporal parameters in level walking using a single inertial system in lean and obese adolescents. <i>Biomedizinische Technik</i> , 2017, 62, 505-511.	0.8	14
49	How multi segmental patterns deviate in spastic diplegia from typical developed. <i>Clinical Biomechanics</i> , 2017, 48, 103-109.	1.2	26
50	Body-scaled action in obesity during locomotion: Insights on the nature and extent of body representation disturbances. <i>Journal of Psychosomatic Research</i> , 2017, 102, 34-40.	2.6	13
51	Gait initiation and termination strategies in patients with Prader-Willi syndrome. <i>Journal of NeuroEngineering and Rehabilitation</i> , 2017, 14, 44.	4.6	18
52	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
53	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
54	Dizziness and Falls in Obese Inpatients Undergoing Metabolic Rehabilitation. <i>PLoS ONE</i> , 2017, 12, e0169322.	2.5	11

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55	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
56	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
57	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
58	Range of motion limitations of the upper body in obese female workers. <i>Medicina Del Lavoro</i> , 2017, 108, 455-465.	0.4	2
59	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
60	Foot-type analysis and plantar pressure differences between obese and nonobese adolescents during upright standing. <i>International Journal of Rehabilitation Research</i> , 2016, 39, 87-91.	1.3	14
61	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
62	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> , 2016, 17, 405.	1.6	11
63	The Armeo Spring as training tool to improve upper limb functionality in hemiplegic Cerebral Palsy: A pilot study. , 2016, , .		3
64	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
65	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
66	Does kinematics add meaningful information to clinical assessment in post-stroke upper limb rehabilitation? A case report. <i>Journal of Physical Therapy Science</i> , 2016, 28, 2408-2413.	0.6	11
67	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
68	Gait Scores – Interpretations and Limitations. , 2016, , 1-15.		0
69	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
70	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
71	Osteopathic Manipulative Treatment improves gait pattern and posture in adult patients with Prader-Willi syndrome. <i>International Journal of Osteopathic Medicine</i> , 2016, 19, 35-43.	1.0	11
72	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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73	On the correlation between UPDRS scoring in the leg agility, sit-to-stand, and gait tasks for parkinsonians. , 2015, , .		1
74	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
75	Visual Hallucinations as Incidental Negative Effects of Virtual Reality on Parkinsonâ€™s Disease Patients: A Link with Neurodegeneration?. Parkinson's Disease, 2015, 2015, 1-6.	1.1	9
76	Long-term effects of automated mechanical peripheral stimulation on gait patterns of patients with Parkinsonâ€™s disease. International Journal of Rehabilitation Research, 2015, 38, 238-245.	1.3	18
77	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. IEEE Journal of Biomedical and Health Informatics, 2015, 19, 1777-1793.	6.3	69
78	Foot pressure distribution in children with cerebral palsy while standing. Research in Developmental Disabilities, 2015, 41-42, 52-57.	2.2	21
79	Assigning UPDRS Scores in the Leg Agility Task of Parkinsonians: Can It Be Done Through BSN-Based Kinematic Variables?. IEEE Internet of Things Journal, 2015, 2, 41-51.	8.7	31
80	Automatic UPDRS Evaluation in the Sit-to-Stand Task of Parkinsonians: Kinematic Analysis and Comparative Outlook on the Leg Agility Task. IEEE Journal of Biomedical and Health Informatics, 2015, 19, 1-1.	6.3	25
81	Spinal cord injury in pediatric age in Spain. Reality of a national reference center. Child's Nervous System, 2015, 31, 917-921.	1.1	4
82	Gait pattern in lean and obese adolescents. International Journal of Rehabilitation Research, 2015, 38, 40-48.	1.3	14
83	Effects of obesity on gait pattern in young individuals with Down syndrome. International Journal of Rehabilitation Research, 2015, 38, 55-60.	1.3	16
84	The effects of neuromuscular taping on gait walking strategy in a patient with joint hypermobility syndrome/Ehlersâ€™Danlos syndrome hypermobility type. Therapeutic Advances in Musculoskeletal Disease, 2015, 7, 3-10.	2.7	22
85	Obesity and Chronic Low Back Pain. , 2014, , 417-427.		0
86	Linking UPDRS Scores and Kinematic Variables in the Leg Agility Task of Parkinsonians. , 2014, , .		10
87	Effects of mechanical stimulation of the feet on gait and cardiovascular autonomic control in Parkinson's disease. Journal of Applied Physiology, 2014, 116, 495-503.	2.5	31
88	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
89	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
90	Quantification of Patellar Tendon Shortening in a Patient with Cerebral Palsy. Journal of Applied Biomaterials and Functional Materials, 2014, 12, 57-63.	1.6	6

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91	Kinematic analysis of upper limb during walking in diplegic children with Cerebral Palsy. European Journal of Paediatric Neurology, 2014, 18, 134-139.	1.6	17
92	Summary measures for clinical gait analysis: A literature review. Gait and Posture, 2014, 39, 1005-1010.	1.4	201
93	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
94	Neuromuscular taping for the upper limb in Cerebral Palsy: A case study in a patient with hemiplegia. Developmental Neurorehabilitation, 2014, 17, 384-387.	1.1	26
95	Transcranial direct current stimulation during treadmill training in children with cerebral palsy: A randomized controlled double-blind clinical trial. Research in Developmental Disabilities, 2014, 35, 2840-2848.	2.2	84
96	Three-dimensional analysis of performance of an upper limb functional task among adults with dyskinetic cerebral palsy. Gait and Posture, 2014, 39, 875-881.	1.4	21
97	Gait strategy in genetically obese patients: A 7-year follow up. Research in Developmental Disabilities, 2014, 35, 1501-1506.	2.2	7
98	Center of pressure displacements during gait initiation in individuals with obesity. Journal of NeuroEngineering and Rehabilitation, 2014, 11, 82.	4.6	45
99	The effects of low arched feet on foot rotation during gait in children with Down syndrome. Journal of Intellectual Disability Research, 2014, 58, 758-764.	2.0	37
100	Effects of gastrocnemius fascia lengthening on gait pattern in children with cerebral palsy using the Gait Profile Score. Research in Developmental Disabilities, 2014, 35, 1137-1143.	2.2	28
101	Relationship between flat foot condition and gait pattern alterations in children with Down syndrome. Journal of Intellectual Disability Research, 2014, 58, 269-276.	2.0	41
102	Remote monitoring and rehabilitation for patients with neurological diseases. , 2014, , .		6
103	An improved solution for knee rehabilitation at home. , 2014, , .		6
104	Low-Complexity Inertial Sensor-based Characterization of the UPDRS Score in the Gait Task of Parkinsonians. , 2014, , .		3
105	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
106	Robot-assisted walking training for individuals with Parkinson's disease: a pilot randomized controlled trial. BMC Neurology, 2013, 13, 50.	1.8	55
107	Measuring regularity of human postural sway using approximate entropy and sample entropy in patients with Ehlers-Danlos syndrome hypermobility type. Research in Developmental Disabilities, 2013, 34, 840-846.	2.2	47
108	On the characterization of Leg Agility in patients with Parkinson's Disease. , 2013, , .		7

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109	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
110	Reference values for the 6-Min Walking Test in obese subjects. <i>Disability and Rehabilitation</i> , 2013, 35, 1199-1203.	1.8	43
111	Gait Analysis in Anorexia and Bulimia Nervosa. <i>Journal of Applied Biomaterials and Functional Materials</i> , 2013, 11, 122-128.	1.6	5
112	Comparison of Two Pelvic Positioning Belt Configurations in a Pediatric Wheelchair. <i>Assistive Technology</i> , 2013, 25, 240-246.	2.0	4
113	Biomechanics of Basic Activities. , 2013, , 39-53.		1
114	Effectiveness of in-patient rehabilitation in obesity-related orthopedic conditions. <i>Journal of Endocrinological Investigation</i> , 2013, 36, 628-31.	3.3	8
115	Measuring changes after multidisciplinary rehabilitation of obese individuals. <i>Journal of Endocrinological Investigation</i> , 2013, 36, 72-7.	3.3	6
116	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
117	Quantitative Analysis of Upper Limbs during Gait: A Marker Set Protocol. <i>Journal of Applied Biomaterials and Functional Materials</i> , 2012, 10, 49-55.	1.6	8
118	Balance Control and Balance Recovery in Obesity. <i>Current Obesity Reports</i> , 2012, 1, 166-173.	8.4	22
119	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
120	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
121	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
122	Towards a Biomarker of Motor Adaptation: Integration of Kinematic and Neural Factors. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2012, 20, 258-267.	4.9	16
123	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
124	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
125	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
126	Quantification of Upper Limb Motion During Gait in Children with Hemiplegic Cerebral Palsy. <i>Journal of Developmental and Physical Disabilities</i> , 2012, 24, 1-8.	1.6	14



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127	Event related synchronization and Hilbert Huang transform in the study of motor adaptation: A comparison of methods. , 2011, , .		1
128	Characterisation of balance capacity in Praderâ€“Willi patients. Research in Developmental Disabilities, 2011, 32, 81-86.	2.2	32
129	Use of the Gait Deviation Index for the assessment of gastrocnemius fascia lengthening in children with Cerebral Palsy. Research in Developmental Disabilities, 2011, 32, 377-381.	2.2	43
130	Postural strategies in Praderâ€“Willi and Down syndrome patients. Research in Developmental Disabilities, 2011, 32, 669-673.	2.2	46
131	The effects of muscle hypotonia and weakness on balance: A study on Praderâ€“Willi and Ehlersâ€“Danlos syndrome patients. Research in Developmental Disabilities, 2011, 32, 1117-1121.	2.2	32
132	Gait strategy in patients with Ehlersâ€“Danlos syndrome hypermobility type: A kinematic and kinetic evaluation using 3D gait analysis. Research in Developmental Disabilities, 2011, 32, 1663-1668.	2.2	46
133	Gait pattern in two rare genetic conditions characterized by muscular hypotonia: Ehlersâ€“Danlos and Praderâ€“Willi syndrome. Research in Developmental Disabilities, 2011, 32, 1722-1728.	2.2	19
134	The effect of vision on postural strategies in Praderâ€“Willi patients. Research in Developmental Disabilities, 2011, 32, 1965-1969.	2.2	10
135	3D gait analysis in patients with hereditary spastic paraparesis and spastic diplegia: A kinematic, kinetic and EMG comparison. European Journal of Paediatric Neurology, 2011, 15, 138-145.	1.6	49
136	Postural adaptations to long-term training in Prader-Willi patients. Journal of NeuroEngineering and Rehabilitation, 2011, 8, 26.	4.6	17
137	Fractal dimension approach in postural control of subjects with Prader-Willi Syndrome. Journal of NeuroEngineering and Rehabilitation, 2011, 8, 45.	4.6	23
138	Effects of obesity and chronic low back pain on gait. Journal of NeuroEngineering and Rehabilitation, 2011, 8, 55.	4.6	44
139	Assessing disability in morbidly obese individuals: the Italian Society of Obesity test for obesity-related disabilities. Disability and Rehabilitation, 2011, 33, 2509-2518.	1.8	42
140	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
141	The Effects of Femoral Derotation Osteotomy in Cerebral Palsy: A Kinematic and Kinetic Study. HIP International, 2011, 21, 657-664.	1.7	7
142	Dynamic Navigation System Design for Networked Electric Vehicles. Lecture Notes in Computer Science, 2011, , 156-166.	1.3	0
143	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. Journal of Pediatric Orthopaedics Part B, 2010, 19, 221-225.	0.6	6
144	Gait patterns in Prader-Willi and Down syndrome patients. Journal of NeuroEngineering and Rehabilitation, 2010, 7, 28.	4.6	76

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145	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
146	A methodological study for the multifactorial assessment of motor adaptation: Integration of kinematic and neural factors. , 2010, 2010, 4910-3.		2
147	Proposal of a combined optoelectronic and electroencephalographic method for the study of kinematic and neural correlates of Motor Adaptation. , 2010, , .		0
148	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
149	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
150	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
151	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
152	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
153	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
154	Assessment of gait recovery in children after traumatic brain injury. <i>Brain Injury</i> , 2009, 23, 751-759.	1.2	19
155	Long-term evaluation of isolated gastrocnemius fascia lengthening in children with cerebral palsy using gait analysis. <i>Journal of Pediatric Orthopaedics Part B</i> , 2009, 18, 228-233.	0.6	13
156	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
157	Computerized gait analysis of Botulinum Toxin treatment in children with cerebral palsy. <i>Disability and Rehabilitation</i> , 2007, 29, 659-664.	1.8	19
158	Gait strategy of uninvolved limb in children with spastic hemiplegia. <i>Europa Medicophysica</i> , 2007, 43, 303-10.	0.5	16
159	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