

# Diane L Damiano

## List of Publications by Year in descending order

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168  
papers

14,086  
citations

30070

54  
h-index

20961

115  
g-index

171  
all docs

171  
docs citations

171  
times ranked

8418  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of muscle strength training in children and adolescents with spastic cerebral palsy: A systematic review and meta-analysis. <i>Clinical Rehabilitation</i> , 2022, 36, 4-14.	2.2	24
2	Compensatory strategies lead to efficient movement in children with brachial plexus birth injury. <i>Annals of Physical and Rehabilitation Medicine</i> , 2022, 65, 101515.	2.3	0
3	“Better Together™”: achieving a global professional network for childhood disability. <i>Developmental Medicine and Child Neurology</i> , 2022, 64, 277-278.	2.1	2
4	Functional and Structural Brain Connectivity in Children With Bilateral Cerebral Palsy Compared to Age-Related Controls and in Response to Intensive Rapid-Reciprocal Leg Training. <i>Frontiers in Rehabilitation Sciences</i> , 2022, 3, .	1.2	1
5	Mu Rhythm during Standing and Walking Is Altered in Children with Unilateral Cerebral Palsy Compared to Children with Typical Development. <i>Developmental Neurorehabilitation</i> , 2021, 24, 8-17.	1.1	5
6	Greater Reliance on Cerebral Palsy-Specific Muscle Synergies During Gait Relates to Poorer Temporal-Spatial Performance Measures. <i>Frontiers in Physiology</i> , 2021, 12, 630627.	2.8	4
7	Akwenda intervention programme for children and youth with cerebral palsy in a low-resource setting in sub-Saharan Africa: protocol for a quasi-randomised controlled study. <i>BMJ Open</i> , 2021, 11, e047634.	1.9	8
8	Early identification and intervention in developmental coordination disorder: lessons for and from cerebral palsy. <i>Developmental Medicine and Child Neurology</i> , 2021, 63, 630-630.	2.1	1
9	Early intervention evidence for infants with or at risk for cerebral palsy: an overview of systematic reviews. <i>Developmental Medicine and Child Neurology</i> , 2021, 63, 771-784.	2.1	33
10	Effects of Orthoses on Standing Postural Control and Muscle Activity in Children With Cerebral Palsy. <i>Pediatric Physical Therapy</i> , 2021, 33, 129-135.	0.6	3
11	A Pediatric Knee Exoskeleton With Real-Time Adaptive Control for Overground Walking in Ambulatory Individuals With Cerebral Palsy. <i>Frontiers in Robotics and AI</i> , 2021, 8, 702137.	3.2	19
12	Systematic Review of Clinical Guidelines Related to Care of Individuals With Cerebral Palsy as Part of the World Health Organization Efforts to Develop a Global Package of Interventions for Rehabilitation. <i>Archives of Physical Medicine and Rehabilitation</i> , 2021, 102, 1764-1774.	0.9	17
13	Systematic Review: Recommendations for Rehabilitation in ASD and ID From Clinical Practice Guidelines. <i>Archives of Rehabilitation Research and Clinical Translation</i> , 2021, 3, 100140.	0.9	9
14	NCS Assessments of the Motor, Sensory, and Physical Health Domains. <i>Frontiers in Pediatrics</i> , 2021, 9, 622542.	1.9	0
15	Obstetric Brachial Plexus Palsy: Can a Unilateral Birth Onset Peripheral Injury Significantly Affect Brain Development?. <i>Developmental Neurorehabilitation</i> , 2020, 23, 375-382.	1.1	8
16	Exoskeleton Assistance Improves Crouch during Overground Walking with Forearm Crutches: A Case Study. , 2020, , .		4
17	Toward a hybrid exoskeleton for crouch gait in children with cerebral palsy: neuromuscular electrical stimulation for improved knee extension. <i>Journal of NeuroEngineering and Rehabilitation</i> , 2020, 17, 121.	4.6	8
18	An open source graphical user interface for wireless communication and operation of wearable robotic technology. <i>Journal of Rehabilitation and Assistive Technologies Engineering</i> , 2020, 7, 205566832096405.	0.9	2

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19	Algorithmic localization of high-density EEG electrode positions using motion capture. <i>Journal of Neuroscience Methods</i> , 2020, 346, 108919.	2.5	4
20	Children With Unilateral Cerebral Palsy Utilize More Cortical Resources for Similar Motor Output During Treadmill Gait. <i>Frontiers in Human Neuroscience</i> , 2020, 14, 36.	2.0	22
21	Brain activation patterns underlying upper limb bilateral motor coordination in unilateral cerebral palsy: an fNIRS study. <i>Developmental Medicine and Child Neurology</i> , 2020, 62, 625-632.	2.1	12
22	Functional near-infrared spectroscopy to assess sensorimotor cortical activity during hand squeezing and ankle dorsiflexion in individuals with and without bilateral and unilateral cerebral palsy. <i>Neurophotonics</i> , 2020, 7, 045001.	3.3	0
23	Validating Model-Based Prediction Of Biological Knee Moment During Walking With An Exoskeleton in Crouch Gait: Potential Application for Exoskeleton Control. , 2019, 2019, 778-783.		6
24	International initiatives to improve the lives of children with developmental disabilities. <i>Developmental Medicine and Child Neurology</i> , 2019, 61, 1121-1121.	2.1	7
25	Poor data produce poor models: children with developmental disabilities deserve better. <i>The Lancet Global Health</i> , 2019, 7, e188.	6.3	8
26	Computational modeling of neuromuscular response to swing-phase robotic knee extension assistance in cerebral palsy. <i>Journal of Biomechanics</i> , 2019, 87, 142-149.	2.1	9
27	Effects of Dopamine on Motor Recovery and Training in Adults and Children With Nonprogressive Neurological Injuries: A Systematic Review. <i>Neurorehabilitation and Neural Repair</i> , 2019, 33, 331-344.	2.9	9
28	Balance Assessment in Traumatic Brain Injury: A Comparison of the Sensory Organization and Limits of Stability Tests. <i>Journal of Neurotrauma</i> , 2019, 36, 2435-2442.	3.4	16
29	Quantification of Muscle Tissue Properties by Modeling the Statistics of Ultrasound Image Intensities Using a Mixture of Gamma Distributions in Children With and Without Cerebral Palsy. <i>Journal of Ultrasound in Medicine</i> , 2018, 37, 2157-2169.	1.7	6
30	Repeatability of EMG activity during exoskeleton assisted walking in children with cerebral palsy: implications for real time adaptable control. , 2018, 2018, 2801-2804.		7
31	Design Advancements Toward a Wearable Pediatric Robotic Knee Exoskeleton for Overground Gait Rehabilitation. , 2018, , .		9
32	Children With Cerebral Palsy Have Greater Stride-to-Stride Variability of Muscle Synergies During Gait Than Typically Developing Children: Implications for Motor Control Complexity. <i>Neurorehabilitation and Neural Repair</i> , 2018, 32, 834-844.	2.9	46
33	Biomechanical evaluation of virtual reality-based turning on a self-paced linear treadmill. <i>Gait and Posture</i> , 2018, 65, 157-162.	1.4	10
34	Relationship between sensorimotor cortical activation as assessed by functional near infrared spectroscopy and lower extremity motor coordination in bilateral cerebral palsy. <i>NeuroImage: Clinical</i> , 2018, 20, 275-285.	2.7	15
35	Effectiveness of surgical and non-surgical management of crouch gait in cerebral palsy: A systematic review. <i>Gait and Posture</i> , 2017, 54, 93-105.	1.4	51
36	Rehabilitation Research at the National Institutes of Health: Moving the Field Forward (Executive) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 0	0.9	6

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37	Inter-joint coordination analysis of reach-to-grasp kinematics in children and adolescents with obstetrical brachial plexus palsy. <i>Clinical Biomechanics</i> , 2017, 46, 15-22.	1.2	8
38	Rehabilitation research at the National Institutes of Health: Moving the field forward (Executive) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 70	2.0	3
39	Rehabilitation Research at the National Institutes of Health. <i>Neurorehabilitation and Neural Repair</i> , 2017, 31, 304-314.	2.9	12
40	Exergaming with a pediatric exoskeleton: Facilitating rehabilitation and research in children with cerebral palsy. , 2017, 2017, 1087-1093.		13
41	The Effects of Exoskeleton Assisted Knee Extension on Lower-Extremity Gait Kinematics, Kinetics, and Muscle Activity in Children with Cerebral Palsy. <i>Scientific Reports</i> , 2017, 7, 13512.	3.3	50
42	A lower-extremity exoskeleton improves knee extension in children with crouch gait from cerebral palsy. <i>Science Translational Medicine</i> , 2017, 9, .	12.4	110
43	Early, Accurate Diagnosis and Early Intervention in Cerebral Palsy. <i>JAMA Pediatrics</i> , 2017, 171, 897.	6.2	898
44	Task-Specific and Functional Effects of Speed-Focused Elliptical or Motor-Assisted Cycle Training in Children With Bilateral Cerebral Palsy: Randomized Clinical Trial. <i>Neurorehabilitation and Neural Repair</i> , 2017, 31, 736-745.	2.9	20
45	Hearing Safety From Single- and Double-Pulse Transcranial Magnetic Stimulation in Children and Young Adults. <i>Journal of Clinical Neurophysiology</i> , 2017, 34, 340-347.	1.7	9
46	A Robotic Exoskeleton for Treatment of Crouch Gait in Children With Cerebral Palsy: Design and Initial Application. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2017, 25, 650-659.	4.9	89
47	Relationship between assistive torque and knee biomechanics during exoskeleton walking in individuals with crouch gait. , 2017, 2017, 491-497.		12
48	Motor Learning Abilities Are Similar in Hemiplegic Cerebral Palsy Compared to Controls as Assessed by Adaptation to Unilateral Leg-Weighting during Gait: Part I. <i>Frontiers in Human Neuroscience</i> , 2017, 11, 49.	2.0	14
49	Part 2: Adaptation of Gait Kinematics in Unilateral Cerebral Palsy Demonstrates Preserved Independent Neural Control of Each Limb. <i>Frontiers in Human Neuroscience</i> , 2017, 11, 50.	2.0	34
50	Rehabilitation Research at the National Institutes of Health: Moving the Field Forward (Executive) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 20	0.8	3
51	Rehabilitation research at the National Institutes of Health moving the field forward (executive) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 20	1.3	2
52	Novel Methods to Enhance Precision and Reliability in Muscle Synergy Identification during Walking. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 455.	2.0	33
53	We are the world: meeting the global challenge of childhood disability. <i>Developmental Medicine and Child Neurology</i> , 2016, 58, 649-649.	2.1	6
54	Effects of a rapid-resisted elliptical training program on motor, cognitive and neurobehavioral functioning in adults with chronic traumatic brain injury. <i>Experimental Brain Research</i> , 2016, 234, 2245-2252.	1.5	24

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55	Estimating the Mechanical Behavior of the Knee Joint During Crouch Gait: Implications for Real-Time Motor Control of Robotic Knee Orthoses. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2016, 24, 621-629.	4.9	13
56	A robotic exoskeleton to treat crouch gait from cerebral palsy: Initial kinematic and neuromuscular evaluation. , 2016, 2016, 2214-2217.		17
57	Cerebral palsy. Nature Reviews Disease Primers, 2016, 2, 15082.	30.5	603
58	Deficits in motor abilities for multi-finger force control in hemiparetic stroke survivors. Experimental Brain Research, 2016, 234, 2391-2402.	1.5	16
59	Coordination of Reach-to-Grasp Kinematics in Individuals With Childhood-Onset Dystonia Due to Hemiplegic Cerebral Palsy. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2016, 24, 582-590.	4.9	22
60	Muscle synergies: input or output variables for neural control?. Developmental Medicine and Child Neurology, 2015, 57, 1091-1092.	2.1	12
61	Prefrontal, posterior parietal and sensorimotor network activity underlying speed control during walking. Frontiers in Human Neuroscience, 2015, 9, 247.	2.0	112
62	An Interactive Treadmill Under a Novel Control Scheme for Simulating Overground Walking by Reducing Anomalous Force. IEEE/ASME Transactions on Mechatronics, 2015, 20, 1491-1496.	5.8	23
63	Cortical activation and inter-hemispheric sensorimotor coherence in individuals with arm dystonia due to childhood stroke. Clinical Neurophysiology, 2015, 126, 1589-1598.	1.5	19
64	Kinematic foot types in youth with equinovarus secondary to hemiplegia. Gait and Posture, 2015, 41, 402-408.	1.4	29
65	2014 Section on Pediatrics Knowledge Translation Lecture. Pediatric Physical Therapy, 2015, 27, 105-112.	0.6	8
66	Shoulder strength profiles in children with and without brachial PLEXUS PALSY. Muscle and Nerve, 2014, 50, 60-66.	2.2	25
67	Effects of motor activity on brain and muscle development in cerebral palsy. , 2014, , 189-198.		5
68	Health-Related Physical Fitness for Children With Cerebral Palsy. Journal of Child Neurology, 2014, 29, 1091-1100.	1.4	57
69	Relating motor and cognitive interventions in animals and humans. Translational Neuroscience, 2014, 5, .	1.4	2
70	Characteristics of Bilateral Hand Function in Individuals With Unilateral Dystonia Due to Perinatal Stroke. Journal of Child Neurology, 2014, 29, 623-632.	1.4	16
71	Meaningfulness of mean group results for determining the optimal motor rehabilitation program for an individual child with cerebral palsy. Developmental Medicine and Child Neurology, 2014, 56, 1141-1146.	2.1	48
72	Progressive resistance exercise increases strength but does not improve objective measures of mobility in young people with cerebral palsy. Journal of Physiotherapy, 2014, 60, 58.	1.7	14

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73	Functional Near Infrared Spectroscopy of the Sensory and Motor Brain Regions with Simultaneous Kinematic and EMG Monitoring During Motor Tasks. <i>Journal of Visualized Experiments</i> , 2014, , .	0.3	13
74	A New Perspective on the Walking Margin of Stability. <i>Journal of Applied Biomechanics</i> , 2014, 30, 737-741.	0.8	11
75	Contribution of hip joint proprioception to static and dynamic balance in cerebral palsy: a case control study. <i>Journal of NeuroEngineering and Rehabilitation</i> , 2013, 10, 57.	4.6	55
76	Muscle Plasticity and Ankle Control After Repetitive Use of a Functional Electrical Stimulation Device for Foot Drop in Cerebral Palsy. <i>Neurorehabilitation and Neural Repair</i> , 2013, 27, 200-207.	2.9	63
77	Lower extremity functional electrical stimulation cycling promotes physical and functional recovery in chronic spinal cord injury. <i>Journal of Spinal Cord Medicine</i> , 2013, 36, 623-631.	1.4	82
78	Characteristics associated with improved knee extension after strength training for individuals with cerebral palsy and crouch gait. <i>Journal of Pediatric Rehabilitation Medicine</i> , 2012, 5, 99-106.	0.5	35
79	Acceptability and potential effectiveness of a foot drop stimulator in children and adolescents with cerebral palsy. <i>Developmental Medicine and Child Neurology</i> , 2012, 54, 1044-1049.	2.1	50
80	Feasibility and preliminary effectiveness of a novel mobility training intervention in infants and toddlers with cerebral palsy. <i>Developmental Neurorehabilitation</i> , 2012, 15, 259-266.	1.1	49
81	Rapid force generation is impaired in cerebral palsy and is related to decreased muscle size and functional mobility. <i>Gait and Posture</i> , 2012, 35, 154-158.	1.4	122
82	A novel walking speed estimation scheme and its application to treadmill control for gait rehabilitation. <i>Journal of NeuroEngineering and Rehabilitation</i> , 2012, 9, 62.	4.6	54
83	Development of a Haptic Elbow Spasticity Simulator (HESS) for Improving Accuracy and Reliability of Clinical Assessment of Spasticity. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2012, 20, 361-370.	4.9	51
84	A Practical Strategy for sEMG-Based Knee Joint Moment Estimation During Gait and Its Validation in Individuals With Cerebral Palsy. <i>IEEE Transactions on Biomedical Engineering</i> , 2012, 59, 1480-1487.	4.2	25
85	Effectiveness of physical therapy for improving gait and balance in individuals with traumatic brain injury: A systematic review. <i>Brain Injury</i> , 2011, 25, 664-679.	1.2	64
86	Comparison of elliptical training, stationary cycling, treadmill walking and overground walking. Electromyographic patterns. <i>Gait and Posture</i> , 2011, 33, 244-250.	1.4	42
87	Comparison of elliptical training, stationary cycling, treadmill walking and overground walking. <i>Gait and Posture</i> , 2011, 34, 260-264.	1.4	44
88	Tibialis anterior architecture, strength, and gait in individuals with cerebral palsy. <i>Muscle and Nerve</i> , 2011, 44, 509-517.	2.2	61
89	Haptic recreation of elbow spasticity. , 2011, 2011, 5975462.		8
90	Accuracy and reliability of haptic spasticity assessment using HESS (Haptic Elbow Spasticity) Tj ETQq0 0 0 rgBT /Overlock 10,7f 50 62 Tc		

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91	Measurement of tendon velocities using vector tissue Doppler imaging and curved M-mode in patients with cerebral palsy. , 2011, , .		0
92	Commentary on an article by Pamela Thomason, BPhy, MPT, et al.: "Single-Event Multilevel Surgery in Children with Spastic Diplegia. A Pilot Randomized Controlled Trial" Journal of Bone and Joint Surgery - Series A, 2011, 93, e19.	3.0	0
93	Somatosensory-evoked cortical activity in spastic diplegic cerebral palsy. Human Brain Mapping, 2010, 31, 1772-1785.	3.6	46
94	Can Strength Training Predictably Improve Gait Kinematics? A Pilot Study on the Effects of Hip and Knee Extensor Strengthening on Lower-Extremity Alignment in Cerebral Palsy. Physical Therapy, 2010, 90, 269-279.	2.4	112
95	Muscle Architecture Predicts Maximum Strength and Is Related to Activity Levels in Cerebral Palsy. Physical Therapy, 2010, 90, 1619-1630.	2.4	115
96	Measurement of tendon velocities using vector Tissue Doppler Imaging: A feasibility study. , 2010, 2010, 5310-3.		7
97	Measurement of rectus femoris muscle velocities during patellar tendon jerk using vector tissue doppler imaging. , 2009, 2009, 2963-6.		9
98	Muscle size matters. Developmental Medicine and Child Neurology, 2009, 51, 416-417.	2.1	1
99	In vivo muscle architecture and size of the rectus femoris and vastus lateralis in children and adolescents with cerebral palsy. Developmental Medicine and Child Neurology, 2009, 51, 800-806.	2.1	113
100	Contributors to fatigue resistance of the hamstrings and quadriceps in cerebral palsy. Clinical Biomechanics, 2009, 24, 355-360.	1.2	24
101	Joint-Position Sense and Kinesthesia in Cerebral Palsy. Archives of Physical Medicine and Rehabilitation, 2009, 90, 447-453.	0.9	132
102	Rehabilitative Therapies in Cerebral Palsy: The Good, the Not As Good, and the Possible. Journal of Child Neurology, 2009, 24, 1200-1204.	1.4	91
103	New Clinical and Research Trends in Lower Extremity Management for Ambulatory Children with Cerebral Palsy. Physical Medicine and Rehabilitation Clinics of North America, 2009, 20, 469-491.	1.3	87
104	A Prospective Cohort Study of the Effects of Lower Extremity Orthopaedic Surgery on Outcome Measures in Ambulatory Children With Cerebral Palsy. Journal of Pediatric Orthopaedics, 2009, 29, 903-909.	1.2	62
105	A Systematic Review of the Effectiveness of Treadmill Training and Body Weight Support in Pediatric Rehabilitation. Journal of Neurologic Physical Therapy, 2009, 33, 27-44.	1.4	160
106	Muscle thickness reflects activity in CP but how well does it represent strength?. Developmental Medicine and Child Neurology, 2008, 50, 88-88.	2.1	12
107	Tactile sensory abilities in cerebral palsy: deficits in roughness and object discrimination. Developmental Medicine and Child Neurology, 2008, 50, 832-838.	2.1	92
108	Outcome tools used for ambulatory children with cerebral palsy: responsiveness and minimum clinically important differences. Developmental Medicine and Child Neurology, 2008, 50, 918-925.	2.1	245

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109	Fatigue Resistance During a Voluntary Performance Task Is Associated With Lower Levels of Mobility in Cerebral Palsy. Archives of Physical Medicine and Rehabilitation, 2008, 89, 2011-2016.	0.9	54
110	Is Addressing Impairments the Shortest Path to Improving Function?. Physical and Occupational Therapy in Pediatrics, 2008, 28, 327-330.	1.3	7
111	A Feasible and Reliable Muscle Fatigue Assessment Protocol for Individuals with Cerebral Palsy. Pediatric Physical Therapy, 2008, 20, 59-65.	0.6	20
112	Pediatric Outcomes Data Collection Instrument Scores in Ambulatory Children With Cerebral Palsy. Journal of Pediatric Orthopaedics, 2008, 28, 97-102.	1.2	36
113	Loaded sit-to-stand resistance exercise improves motor function in children with cerebral palsy. Australian Journal of Physiotherapy, 2007, 53, 201.	0.9	2
114	Promotion of Physical Fitness and Prevention of Secondary Conditions for Children With Cerebral Palsy: Section on Pediatrics Research Summit Proceedings. Physical Therapy, 2007, 87, 1495-1510.	2.4	214
115	Prospective Open-Label Clinical Trial of Trihexyphenidyl in Children With Secondary Dystonia due to Cerebral Palsy. Journal of Child Neurology, 2007, 22, 530-537.	1.4	243
116	Outcome assessments in children with cerebral palsy, Part I: descriptive characteristics of GMFCS Levels I to III. Developmental Medicine and Child Neurology, 2007, 49, 172-180.	2.1	88
117	Outcome assessments in children with cerebral palsy, Part II: discriminatory ability of outcome tools. Developmental Medicine and Child Neurology, 2007, 49, 181-186.	2.1	46
118	Relationships among functional outcome measures used for assessing children with ambulatory CP. Developmental Medicine and Child Neurology, 2007, 49, 338-344.	2.1	59
119	Pass the torch, please!. Developmental Medicine and Child Neurology, 2007, 49, 723-723.	2.1	15
120	Classification of cerebral palsy: clinical therapist's perspective. Developmental Medicine and Child Neurology, 2007, 49, 16-17.	2.1	3
121	A report: the definition and classification of cerebral palsy April 2006. Developmental Medicine and Child Neurology Supplement, 2007, 109, 8-14.	4.5	1,582
122	Activity, Activity, Activity: Rethinking Our Physical Therapy Approach to Cerebral Palsy. Physical Therapy, 2006, 86, 1534-1540.	2.4	341
123	Relationship of spasticity to knee angular velocity and motion during gait in cerebral palsy. Gait and Posture, 2006, 23, 1-8.	1.4	79
124	Are muscle strength and fatigue related to walking velocity in individuals with and without CP?. Gait and Posture, 2006, 24, S257-S258.	1.4	0
125	Comparing functional profiles of children with hemiplegic and diplegic cerebral palsy in GMFCS Levels I and II: are separate classifications needed?. Developmental Medicine and Child Neurology, 2006, 48, 797.	2.1	66
126	Comparing functional profiles of children with hemiplegic and diplegic cerebral palsy in GMFCS Levels I and II: are separate classifications needed?. Developmental Medicine and Child Neurology, 2006, 48, 797-803.	2.1	9

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127	Responsiveness and Uniqueness of the Pediatric Outcomes Data Collection Instrument Compared to the Gross Motor Function Measure for Measuring Orthopaedic and Neurosurgical Outcomes in Cerebral Palsy. <i>Journal of Pediatric Orthopaedics</i> , 2005, 25, 641-645.	1.2	57
128	Progressive Resistance Exercise in Physical Therapy: A Summary of Systematic Reviews. <i>Physical Therapy</i> , 2005, 85, 1208-1223.	2.4	134
129	Strengthening Exercises. , 2005, , 806-808.		0
130	Biomechanical changes in gait following selective dorsal rhizotomy. <i>Journal of Neurosurgery</i> , 2005, 102, 157-162.	1.6	32
131	Proposed definition and classification of cerebral palsy, April 2005. <i>Developmental Medicine and Child Neurology</i> , 2005, 47, 571-576.	2.1	2,047
132	Progressive resistance exercise in physical therapy: a summary of systematic reviews. <i>Physical Therapy</i> , 2005, 85, 1208-23.	2.4	42
133	Intrasession and Intersession Reliability of Handheld Dynamometry in Children with Cerebral Palsy. <i>Pediatric Physical Therapy</i> , 2004, 16, 191-198.	0.6	75
134	Gross Motor Function Classification System and outcome tools for assessing ambulatory cerebral palsy: a multicenter study. <i>Developmental Medicine and Child Neurology</i> , 2004, 46, 311-9.	2.1	36
135	Relationships Among Musculoskeletal Impairments and Functional Health Status in Ambulatory Cerebral Palsy. <i>Journal of Pediatric Orthopaedics</i> , 2003, 23, 535-541.	1.2	64
136	Title is missing!. <i>Journal of Pediatric Orthopaedics</i> , 2003, 23, 535-541.	1.2	55
137	Relationships among musculoskeletal impairments and functional health status in ambulatory cerebral palsy. <i>Journal of Pediatric Orthopaedics</i> , 2003, 23, 535-41.	1.2	27
138	Should we be testing and training muscle strength in cerebral palsy?. <i>Developmental Medicine and Child Neurology</i> , 2002, 44, 68.	2.1	147
139	What does the Ashworth scale really measure and are instrumented measures more valid and precise?. <i>Developmental Medicine and Child Neurology</i> , 2002, 44, 112.	2.1	177
140	A systematic review of the effectiveness of strength-training programs for people with cerebral palsy. <i>Archives of Physical Medicine and Rehabilitation</i> , 2002, 83, 1157-1164.	0.9	362
141	Should we be testing and training muscle strength in cerebral palsy?. <i>Developmental Medicine and Child Neurology</i> , 2002, 44, 68-72.	2.1	6
142	What does the Ashworth scale really measure and are instrumented measures more valid and precise?. <i>Developmental Medicine and Child Neurology</i> , 2002, 44, 112-118.	2.1	11
143	ANKLE AND KNEE COUPLING IN PATIENTS WITH SPASTIC DIPLEGIA. <i>Journal of Bone and Joint Surgery - Series A</i> , 2002, 84, 736-744.	3.0	82
144	Deficits in eccentric versus concentric torque in children with spastic cerebral palsy. <i>Medicine and Science in Sports and Exercise</i> , 2001, 33, 117-122.	0.4	65

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145	Muscle force production and functional performance in spastic cerebral palsy: Relationship of cocontraction. Archives of Physical Medicine and Rehabilitation, 2000, 81, 895-900.	0.9	228
146	Joint Angular Velocity in Spastic Gait and the Influence of Muscle-Tendon Lengthening*. Journal of Bone and Joint Surgery - Series A, 2000, 82, 174-186.	3.0	69
147	Title is missing!. Journal of Pediatric Orthopaedics, 1999, 19, 352-358.	1.2	24
148	Title is missing!. Journal of Pediatric Orthopaedics, 1999, 19, 366-375.	1.2	58
149	Asymmetric Hip Deformity and Subluxation in Cerebral Palsy: An Analysis of Surgical Treatment. Journal of Pediatric Orthopaedics, 1999, 19, 479-485.	1.2	54
150	Interrelationships of Strength and Gait Before and After Hamstrings Lengthening. Journal of Pediatric Orthopaedics, 1999, 19, 352-358.	1.2	36
151	Muscle-Tendon Surgery in Diplegic Cerebral Palsy: Functional and Mechanical Changes. Journal of Pediatric Orthopaedics, 1999, 19, 366-375.	1.2	96
152	Asymmetric Hip Deformity and Subluxation in Cerebral Palsy: An Analysis of Surgical Treatment. Journal of Pediatric Orthopaedics, 1999, 19, 479-485.	1.2	2
153	Functional outcomes of strength training in spastic cerebral palsy. Archives of Physical Medicine and Rehabilitation, 1998, 79, 119-125.	0.9	413
154	Gait assessment of fixed ankle-foot orthoses in children with spastic diplegia. Archives of Physical Medicine and Rehabilitation, 1998, 79, 126-133.	0.9	124
155	Comparison of functional outcomes from orthopedic and neurosurgical interventions in spastic diplegia. Neurosurgical Focus, 1998, 4, E5.	2.3	5
156	Lower Extremity strength profiles in spastic cerebral palsy. Developmental Medicine and Child Neurology, 1998, 40, 100-107.	2.1	405
157	Fuzzy clustering of children with cerebral palsy based on temporal-distance gait parameters. IEEE Transactions on Rehabilitation Engineering: A Publication of the IEEE Engineering in Medicine and Biology Society, 1997, 5, 300-309.	1.4	90
158	ORTHOTIC MANAGEMENT OF GAIT IN SPASTIC DIPLEGIA1. American Journal of Physical Medicine and Rehabilitation, 1997, 76, 219-225.	1.4	93
159	Title is missing!. Journal of Pediatric Orthopaedics, 1997, 17, 392-396.	1.2	81
160	The Evolution of Gait in Childhood and Adolescent Cerebral Palsy. Journal of Pediatric Orthopaedics, 1997, 17, 392-396.	1.2	199
161	Relation Of Gait Analysis To Gross Motor Function In Cerebral Palsy. Developmental Medicine and Child Neurology, 1996, 38, 389-396.	2.1	136
162	Strategies for Increasing Walking Speed in Diplegic Cerebral Palsy. Journal of Pediatric Orthopaedics, 1996, 16, 753-758.	1.2	54

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164	Effects of Quadriceps Femoris Muscle Strengthening on Crouch Gait in Children With Spastic Diplegia. Physical Therapy, 1995, 75, 658-667.	2.4	256
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