

Laura A Prosser

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6428047/publications.pdf>

Version: 2024-02-01

40
papers

984
citations

516710

16
h-index

454955

30
g-index

42
all docs

42
docs citations

42
times ranked

1076
citing authors

#	ARTICLE	IF	CITATIONS
1	Neuromuscular Electrical Stimulation Versus Volitional Isometric Strength Training in Children With Spastic Diplegic Cerebral Palsy: A Preliminary Study. <i>Neurorehabilitation and Neural Repair</i> , 2007, 21, 475-485.	2.9	78
2	Trunk and Hip Muscle Activation Patterns Are Different During Walking in Young Children With and Without Cerebral Palsy. <i>Physical Therapy</i> , 2010, 90, 986-997.	2.4	64
3	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
4	Wearables for Pediatric Rehabilitation: How to Optimally Design and Use Products to Meet the Needs of Users. <i>Physical Therapy</i> , 2019, 99, 647-657.	2.4	62
5	Tibialis anterior architecture, strength, and gait in individuals with cerebral palsy. <i>Muscle and Nerve</i> , 2011, 44, 509-517.	2.2	61
6	Trunk and hip muscle activity in early walkers with and without cerebral palsy – A frequency analysis. <i>Journal of Electromyography and Kinesiology</i> , 2010, 20, 851-859.	1.7	57
7	Computer Vision to Automatically Assess Infant Neuromotor Risk. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2020, 28, 2431-2442.	4.9	56
8	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
9	Specificity of the Lateral Scapular Side Test in Asymptomatic Competitive Athletes. <i>Journal of Orthopaedic and Sports Physical Therapy</i> , 2003, 33, 331-336.	3.5	49
10	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
11	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
12	Variability and symmetry of gait in early walkers with and without bilateral cerebral palsy. <i>Gait and Posture</i> , 2010, 31, 522-526.	1.4	40
13	Locomotor Training Within an Inpatient Rehabilitation Program After Pediatric Incomplete Spinal Cord Injury. <i>Physical Therapy</i> , 2007, 87, 1224-1232.	2.4	34
14	Use of the Teager-Kaiser Energy Operator for Muscle Activity Detection in Children. <i>Annals of Biomedical Engineering</i> , 2009, 37, 1584-1593.	2.5	33
15	Foot and Ankle Somatosensory Deficits Affect Balance and Motor Function in Children With Cerebral Palsy. <i>Frontiers in Human Neuroscience</i> , 2020, 14, 45.	2.0	32
16	Stochastic resonance stimulation improves balance in children with cerebral palsy: a case control study. <i>Journal of NeuroEngineering and Rehabilitation</i> , 2018, 15, 115.	4.6	27
17	Relationship Between Age and Spasticity in Children With Diplegic Cerebral Palsy. <i>Archives of Physical Medicine and Rehabilitation</i> , 2010, 91, 448-451.	0.9	18
18	Diminished fatigue at reduced muscle length in human skeletal muscle. <i>Muscle and Nerve</i> , 2007, 36, 789-797.	2.2	15

#	ARTICLE	IF	CITATIONS
19	Which Children Are Not Getting Their Needs for Therapy or Mobility Aids Met? Data From the 2009–2010 National Survey of Children With Special Health Care Needs. <i>Physical Therapy</i> , 2016, 96, 222-231.	2.4	15
20	Stereo 3D tracking of infants in natural play conditions. , 2017, 2017, 841-846.		14
21	iMOVE: Intensive Mobility training with Variability and Error compared to conventional rehabilitation for young children with cerebral palsy: the protocol for a single blind randomized controlled trial. <i>BMC Pediatrics</i> , 2018, 18, 329.	1.7	14
22	Age and electromyographic frequency alterations during walking in children with cerebral palsy. <i>Gait and Posture</i> , 2010, 31, 136-139.	1.4	13
23	Differences in pedal forces during recumbent cycling in adolescents with and without cerebral palsy. <i>Clinical Biomechanics</i> , 2008, 23, 248-251.	1.2	12
24	The Relationship Between Spasticity and Muscle Volume of the Knee Extensors in Children With Cerebral Palsy. <i>Pediatric Physical Therapy</i> , 2012, 24, 177-181.	0.6	11
25	Quantifying infant physical interactions using sensorized toys in a natural play environment. , 2017, 2017, 882-887.		11
26	The Use of Dynamic Weight Support with Principles of Infant Learning in a Child with Cerebral Palsy: A Case Report. <i>Physical and Occupational Therapy in Pediatrics</i> , 2021, 41, 166-175.	1.3	9
27	The responsiveness and validity of the Early Clinical Assessment of Balance in toddlers with cerebral palsy: Brief report. <i>Developmental Neurorehabilitation</i> , 2019, 22, 496-498.	1.1	8
28	The relationship between the Family Empowerment Scale and Gross Motor Function Measure–66 in Young Children with cerebral palsy. <i>Child: Care, Health and Development</i> , 2021, 47, 112-118.	1.7	8
29	Measurement of tendon velocities using vector Tissue Doppler Imaging: A feasibility study. , 2010, 2010, 5310-3.		7
30	Ailu: An Affordable Sensorized Toy for Detection of Neuro and Motor Delays in Infants. , 2019, 2019, 994-999.		4
31	Foot and ankle somatosensory deficits in children with cerebral palsy: A pilot study. <i>Journal of Pediatric Rehabilitation Medicine</i> , 2021, 14, 247-255.	0.5	4
32	Infants at risk for physical disability may be identified by measures of postural control in supine. <i>Pediatric Research</i> , 2022, 91, 1215-1221.	2.3	4
33	A predictive mathematical model of muscle forces for children with cerebral palsy. <i>Developmental Medicine and Child Neurology</i> , 2009, 51, 949-958.	2.1	3
34	Incidental Findings During Functional Magnetic Resonance Imaging. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2009, 88, 275-277.	1.4	3
35	Physical activity in non-ambulatory toddlers with cerebral palsy. <i>Research in Developmental Disabilities</i> , 2019, 90, 51-58.	2.2	3
36	Towards Automated Emotion Classification of Atypically and Typically Developing Infants. , 2020, 2020, 503-508.		3

#	ARTICLE	IF	CITATIONS
37	Unweighting infants reveals hidden motor skills. <i>Developmental Science</i> , 2022, , e13279.	2.4	3
38	Linear and Nonlinear Measures of Postural Control in a Toddler With Cerebral Palsy: Brief Report. <i>Pediatric Physical Therapy</i> , 2020, 32, 80-83.	0.6	2
39	Construct Validity of the Early Clinical Assessment of Balance in Toddlers with Cerebral Palsy: Brief Report. <i>Developmental Neurorehabilitation</i> , 2020, 23, 137-139.	1.1	1
40	Measurement of tendon velocities using vector tissue Doppler imaging and curved M-mode in patients with cerebral palsy. , 2011, , .		0