

Laura A Prosser

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

984
citations

586496

16
h-index

511568

30
g-index

42
all docs

42
docs citations

42
times ranked

1162
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Infants at risk for physical disability may be identified by measures of postural control in supine. <i>Pediatric Research</i> , 2022, 91, 1215-1221. | 1.1 | 4 |
| 2 | Unweighting infants reveals hidden motor skills. <i>Developmental Science</i> , 2022, , e13279. | 1.3 | 3 |
| 3 | 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. | 0.8 | 9 |
| 4 | The relationship between the Family Empowerment Scale and Gross Motor Function Measure in Young Children with cerebral palsy. <i>Child: Care, Health and Development</i> , 2021, 47, 112-118. | 0.8 | 8 |
| 5 | Foot and ankle somatosensory deficits in children with cerebral palsy: A pilot study. <i>Journal of Pediatric Rehabilitation Medicine</i> , 2021, 14, 247-255. | 0.3 | 4 |
| 6 | Construct Validity of the Early Clinical Assessment of Balance in Toddlers with Cerebral Palsy: Brief Report. <i>Developmental Neurorehabilitation</i> , 2020, 23, 137-139. | 0.5 | 1 |
| 7 | Linear and Nonlinear Measures of Postural Control in a Toddler With Cerebral Palsy: Brief Report. <i>Pediatric Physical Therapy</i> , 2020, 32, 80-83. | 0.3 | 2 |
| 8 | Computer Vision to Automatically Assess Infant Neuromotor Risk. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2020, 28, 2431-2442. | 2.7 | 56 |
| 9 | Towards Automated Emotion Classification of Atypically and Typically Developing Infants. , 2020, 2020, 503-508. | | 3 |
| 10 | Foot and Ankle Somatosensory Deficits Affect Balance and Motor Function in Children With Cerebral Palsy. <i>Frontiers in Human Neuroscience</i> , 2020, 14, 45. | 1.0 | 32 |
| 11 | Ailu: An Affordable Sensorized Toy for Detection of Neuro and Motor Delays in Infants. , 2019, 2019, 994-999. | | 4 |
| 12 | Physical activity in non-ambulatory toddlers with cerebral palsy. <i>Research in Developmental Disabilities</i> , 2019, 90, 51-58. | 1.2 | 3 |
| 13 | 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. | 1.1 | 62 |
| 14 | 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. | 0.5 | 8 |
| 15 | Stochastic resonance stimulation improves balance in children with cerebral palsy: a case control study. <i>Journal of NeuroEngineering and Rehabilitation</i> , 2018, 15, 115. | 2.4 | 27 |
| 16 | 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. | 0.7 | 14 |
| 17 | Quantifying infant physical interactions using sensorized toys in a natural play environment. , 2017, 2017, 882-887. | | 11 |
| 18 | Stereo 3D tracking of infants in natural play conditions. , 2017, 2017, 841-846. | | 14 |

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|----|---|-----|-----------|
| 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. | 1.1 | 15 |
| 20 | 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. | 1.4 | 63 |
| 21 | 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. | 0.3 | 11 |
| 22 | 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. | 1.1 | 50 |
| 23 | 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. | 0.5 | 49 |
| 24 | Comparison of elliptical training, stationary cycling, treadmill walking and overground walking. Electromyographic patterns. <i>Gait and Posture</i> , 2011, 33, 244-250. | 0.6 | 42 |
| 25 | Tibialis anterior architecture, strength, and gait in individuals with cerebral palsy. <i>Muscle and Nerve</i> , 2011, 44, 509-517. | 1.0 | 61 |
| 26 | Measurement of tendon velocities using vector tissue Doppler imaging and curved M-mode in patients with cerebral palsy. , 2011, , . | | 0 |
| 27 | Measurement of tendon velocities using vector Tissue Doppler Imaging: A feasibility study. , 2010, 2010, 5310-3. | | 7 |
| 28 | 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. | 1.1 | 64 |
| 29 | 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. | 0.7 | 57 |
| 30 | Age and electromyographic frequency alterations during walking in children with cerebral palsy. <i>Gait and Posture</i> , 2010, 31, 136-139. | 0.6 | 13 |
| 31 | Variability and symmetry of gait in early walkers with and without bilateral cerebral palsy. <i>Gait and Posture</i> , 2010, 31, 522-526. | 0.6 | 40 |
| 32 | Relationship Between Age and Spasticity in Children With Diplegic Cerebral Palsy. <i>Archives of Physical Medicine and Rehabilitation</i> , 2010, 91, 448-451. | 0.5 | 18 |
| 33 | Use of the Teager-Kaiser Energy Operator for Muscle Activity Detection in Children. <i>Annals of Biomedical Engineering</i> , 2009, 37, 1584-1593. | 1.3 | 33 |
| 34 | A predictive mathematical model of muscle forces for children with cerebral palsy. <i>Developmental Medicine and Child Neurology</i> , 2009, 51, 949-958. | 1.1 | 3 |
| 35 | Incidental Findings During Functional Magnetic Resonance Imaging. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2009, 88, 275-277. | 0.7 | 3 |
| 36 | Differences in pedal forces during recumbent cycling in adolescents with and without cerebral palsy. <i>Clinical Biomechanics</i> , 2008, 23, 248-251. | 0.5 | 12 |

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|----|---|-----|-----------|
| 37 | Locomotor Training Within an Inpatient Rehabilitation Program After Pediatric Incomplete Spinal Cord Injury. <i>Physical Therapy</i> , 2007, 87, 1224-1232. | 1.1 | 34 |
| 38 | 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. | 1.4 | 78 |
| 39 | Diminished fatigue at reduced muscle length in human skeletal muscle. <i>Muscle and Nerve</i> , 2007, 36, 789-797. | 1.0 | 15 |
| 40 | Specificity of the Lateral Scapular Side Test in Asymptomatic Competitive Athletes. <i>Journal of Orthopaedic and Sports Physical Therapy</i> , 2003, 33, 331-336. | 1.7 | 49 |