Regina T Harbourne

List of Publications by Year
in descending order

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Version: 2024-02-01

64 papers	3,633 citations	331259 21 h-index	138251 58 g-index
65 all docs	65 docs citations	65 times ranked	3025 citing authors

#	Article	IF	Citations
1	Infant posture and caregiverâ€provided cognitive opportunities in typically developing infants and infants with motor delay. Developmental Psychobiology, 2022, 64, e22233.	0.9	11
2	Effect of the START-Play Physical Therapy Intervention on Cognitive Skills Depends on Caregiver-Provided Learning Opportunities. Physical and Occupational Therapy in Pediatrics, 2022, , 1-16.	0.8	0
3	The SIT-PT Trial Protocol: A Dose-Matched Randomized Clinical Trial Comparing 2 Physical Therapist Interventions for Infants and Toddlers With Cerebral Palsy. Physical Therapy, 2022, 102, .	1.1	3
4	Research Summit V: Optimizing Transitions From Infancy to Early Adulthood in Children With Neuromotor Conditions. Pediatric Physical Therapy, 2022, 34, 411-417.	0.3	1
5	Object Permanence and the Relationship to Sitting Development in Infants With Motor Delays. Pediatric Physical Therapy, 2022, 34, 309-316.	0.3	1
6	Developing a fidelity measure of early intervention programs for children with neuromotor disorders. Developmental Medicine and Child Neurology, 2021, 63, 97-103.	1.1	13
7	Cognitive-Motor Interference Heightens the Prefrontal Cortical Activation and Deteriorates the Task Performance in Children With Hemiplegic Cerebral Palsy. Archives of Physical Medicine and Rehabilitation, 2021, 102, 225-232.	0.5	4
8	A Novel Means-End Problem-Solving Assessment Tool for Early Intervention: Evaluation of Validity, Reliability, and Sensitivity. Pediatric Physical Therapy, 2021, 33, 2-9.	0.3	2
9	Targeted Physical Therapy Combined with Spasticity Management Changes Motor Development Trajectory for a 2-Year-Old with Cerebral Palsy. Journal of Personalized Medicine, 2021, 11, 163.	1.1	1
10	Measuring Early Problem-Solving in Young Children with Motor Delays: A Validation Study. Physical and Occupational Therapy in Pediatrics, 2021, 41, 1-19.	0.8	8
11	Early Intervention for Children Aged 0 to 2 Years With or at High Risk of Cerebral Palsy. JAMA Pediatrics, 2021, 175, 846.	3.3	147
12	Early motor skills predict the developmental trajectory of problem solving in young children with motor delays. Developmental Psychobiology, 2021, 63, e22123.	0.9	6
13	The Influence of Maternal Cognitions Upon Motor Development in Infants Born Preterm: A Scoping Review. Pediatric Physical Therapy, 2021, 33, 137-147.	0.3	2
14	Conclusions and implications for early intervention. Advances in Child Development and Behavior, 2021, 60, 317-327.	0.7	3
15	START-Play Physical Therapy Intervention Impacts Motor and Cognitive Outcomes in Infants With Neuromotor Disorders: A Multisite Randomized Clinical Trial. Physical Therapy, 2021, 101, .	1.1	40
16	Assessing the Validity and Reliability of a New Video Goniometer App for Measuring Joint Angles in Adults and Children. Archives of Physical Medicine and Rehabilitation, 2020, 101, 275-282.	0.5	23
17	Exploration of a novel physical therapy protocol that uses a sensory substitution device to improve the standing postural balance of children with balance disorders. Physiotherapy Theory and Practice, 2020, , 1-11.	0.6	2
18	What Really Works in Intervention? Using Fidelity Measures to Support Optimal Outcomes. Physical Therapy, 2020, 100, 757-765.	1.1	32

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19	Balancing act(ion): Attentional and postural control strategies predict extent of infantsâ€™ perseveration in a sitting and reaching task. Cognitive Development, 2019, 50, 13-21.	0.7	11
20	Embodied Cognition in Practice: Exploring Effects of a Motor-Based Problem-Solving Intervention. Physical Therapy, 2019, 99, 786-796.	1.1	22
21	Deficits in Planning Sequential Goal-Directed Action Impact Motor Execution in Children With Hemiplegic Cerebral Palsy: A Kinematic Analysis. Journal of Motor Learning and Development, 2019, 7, 122-140.	0.2	3
22	Sit Still and Pay Attention! Trunk Movement and Attentional Resources in Infants with Typical and Delayed Development. Physical and Occupational Therapy in Pediatrics, 2019, 39, 48-59.	0.8	15
23	Children with moderate to severe cerebral palsy may not benefit from stochastic vibration when developing independent sitting. Developmental Neurorehabilitation, 2018, 21, 1-9.	0.5	4
24	Sitting Together And Reaching To Play (START-Play): Protocol for a Multisite Randomized Controlled Efficacy Trial on Intervention for Infants With Neuromotor Disorders. Physical Therapy, 2018, 98, 494-502.	1.1	30
25	Hand-Arm Bimanual Intensive Therapy Improves Prefrontal Cortex Activation in Children With Hemiplegic Cerebral Palsy. Pediatric Physical Therapy, 2018, 30, 93-100.	0.3	21
26	Cognitionâ€“Action Trade-Offs Reflect Organization of Attention in Infancy. Advances in Child Development and Behavior, 2018, 54, 45-86.	0.7	12
27	Impaired anticipatory vision and visuomotor coordination affects action planning and execution in children with hemiplegic cerebral palsy. Research in Developmental Disabilities, 2018, 80, 64-73.	1.2	17
28	Neural activation within the prefrontal cortices during the goal-directed motor actions of children with hemiplegic cerebral palsy. Neurophotonics, 2018, 5, 1.	1.7	5
29	Early, Accurate Diagnosis and Early Intervention in Cerebral Palsy. JAMA Pediatrics, 2017, 171, 897.	3.3	898
30	Infant sitting postural control appears robust across changes in surface context. Somatosensory & Motor Research, 2017, 34, 265-272.	0.4	41
31	A Perceptual Motor Intervention Improves Play Behavior in Children with Moderate to Severe Cerebral Palsy. Frontiers in Psychology, 2016, 7, 643.	1.1	12
32	Commentary on â€œDescription of Primary and Secondary Impairments in Young Children With Cerebral Palsyâ€• Pediatric Physical Therapy, 2016, 28, 15.	0.3	0
33	Effectiveness of motor interventions in infants with cerebral palsy: a systematic review. Developmental Medicine and Child Neurology, 2016, 58, 900-909.	1.1	261
34	Neurorehabilitation Strategies Focusing on Ankle Control Improve Mobility and Posture in Persons With Multiple Sclerosis. Journal of Neurologic Physical Therapy, 2015, 39, 225-232.	0.7	20
35	Sitting Postural Control Affects the Development of Focused Attention in Children With Cerebral Palsy. Pediatric Physical Therapy, 2015, 27, 16-22.	0.3	15
36	Upper extremity function: What's posture got to do with it?. Journal of Hand Therapy, 2015, 28, 106-113.	0.7	19

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37	Sitting and Looking: A Comparison of Stability and Visual Exploration in Infants with Typical Development and Infants with Motor Delay. Physical and Occupational Therapy in Pediatrics, 2014, 34, 197-212.	0.8	23
38	Improving the Motor Skill of Children With Posterior Fossa Syndrome. Pediatric Physical Therapy, 2014, 26, 462-468.	0.3	13
39	The Stochastic Component of the Postural Sway Variability is Higher in Children with Balance Impairments. Annals of Biomedical Engineering, 2013, 41, 1703-1712.	1.3	7
40	Center of pressure and the projection of the time-course of sitting skill acquisition. Gait and Posture, 2013, 38, 806-811.	0.6	1
41	Sit happens: Does sitting development perturb reaching development, or vice versa?. , 2013, 36, 438-450.		42
42	Sitting Postural Control in Infants With Typical Development, Motor Delay, or Cerebral Palsy. Pediatric Physical Therapy, 2013, 25, 46-51.	0.3	31
43	Commentary on â€œTreadmill Training Following Orthopedic Surgery in Lower Limbs of Children With Cerebral Palsyâ€• Pediatric Physical Therapy, 2013, 25, 193.	0.3	0
44	Grounding Early Intervention: Physical Therapy Cannot Just Be About Motor Skills Anymore. Physical Therapy, 2013, 93, 94-103.	1.1	147
45	Anteriorâ€“posterior and medialâ€“lateral control of sway in infants during sitting acquisition does not become adult-like. Gait and Posture, 2011, 33, 88-92.	0.6	19
46	Sensory Information Utilization and Time Delays Characterize Motor Developmental Pathology in Infant Sitting Postural Control. Motor Control, 2011, 15, 302-317.	0.3	3
47	Approximate entropy used to assess sitting postural sway of infants with developmental delay. , 2011, 34, 81-99.		31
48	Commentary on â€œApproximate Entropy Values Demonstrate Neuromotor Control of Spontaneous Leg Activity in Infants With Myelomeningoceleâ€• Pediatric Physical Therapy, 2011, 23, 248.	0.3	1
49	Severity and Characteristics of Developmental Delay Can Be Assessed Using Variability Measures of Sitting Posture. Pediatric Physical Therapy, 2010, 22, 259-266.	0.3	16
50	A Comparison of Interventions for Children With Cerebral Palsy to Improve Sitting Postural Control: A Clinical Trial. Physical Therapy, 2010, 90, 1881-1898.	1.1	61
51	Variability in Postural Control During Infancy: Implications for Development, Assessment, and Intervention. Physical Therapy, 2010, 90, 1838-1849.	1.1	90
52	Reliability of Center of Pressure Measures for Assessing the Development of Sitting Postural Control in Infants With or at Risk of Cerebral Palsy. Archives of Physical Medicine and Rehabilitation, 2010, 91, 1593-1601.	0.5	47
53	Movement Variability and the Use of Nonlinear Tools: Principles to Guide Physical Therapist Practice. Physical Therapy, 2009, 89, 267-282.	1.1	394
54	Use of information entropy measures of sitting postural sway to quantify developmental delay in infants. Journal of NeuroEngineering and Rehabilitation, 2009, 6, 34.	2.4	31

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55	Nonlinear analysis of sitting postural sway indicates developmental delay in infants. Clinical Biomechanics, 2009, 24, 564-570.	0.5	51
56	Reliability of Center of Pressure Measures for Assessing the Development of Sitting Postural Control. Archives of Physical Medicine and Rehabilitation, 2009, 90, 1176-1184.	0.5	32
57	Development of Upper Body Coordination During Sitting in Typically Developing Infants. Pediatric Research, 2009, 65, 553-558.	1.1	16
58	Complexity of postural control in infants: linear and nonlinear features revealed by principal component analysis. Nonlinear Dynamics, Psychology, and Life Sciences, 2009, 13, 123-44.	0.2	22
59	Nonlinear detrended fluctuation analysis of sitting center-of-pressure data as an early measure of motor development pathology in infants. Nonlinear Dynamics, Psychology, and Life Sciences, 2009, 13, 351-68.	0.2	10
60	Optimal Movement Variability. Journal of Neurologic Physical Therapy, 2006, 30, 120-129.	0.7	595
61	Nonlinear analysis of the development of sitting postural control. Developmental Psychobiology, 2003, 42, 368-377.	0.9	176
62	Accuracy of Movement Speed and Error Detection Skills in Adolescents with Cerebral Palsy. Perceptual and Motor Skills, 2001, 93, 419-431.	0.6	14
63	A kinematic and electromyographic analysis of the development of sitting posture in infants. Developmental Psychobiology, 1993, 26, 51-64.	0.9	47
64	The Effect of Early-Life Seizures on Cognitive and Motor Development: A Case Series. Pediatric Physical Therapy, 0, Publish Ahead of Print, .	0.3	0