Regina T Harbourne

List of Publications by Year
in descending order

64	3,633	331642 21	138468 58
papers	citations	h-index	g-index

65	65	65	3025
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Early, Accurate Diagnosis and Early Intervention in Cerebral Palsy. JAMA Pediatrics, 2017, 171, 897.	6.2	898
2	Optimal Movement Variability. Journal of Neurologic Physical Therapy, 2006, 30, 120-129.	1.4	595
3	Movement Variability and the Use of Nonlinear Tools: Principles to Guide Physical Therapist Practice. Physical Therapy, 2009, 89, 267-282.	2.4	394
4	Effectiveness of motor interventions in infants with cerebral palsy: a systematic review. Developmental Medicine and Child Neurology, 2016, 58, 900-909.	2.1	261
5	Nonlinear analysis of the development of sitting postural control. Developmental Psychobiology, 2003, 42, 368-377.	1.6	176
6	Grounding Early Intervention: Physical Therapy Cannot Just Be About Motor Skills Anymore. Physical Therapy, 2013, 93, 94-103.	2.4	147
7	Early Intervention for Children Aged 0 to 2 Years With or at High Risk of Cerebral Palsy. JAMA Pediatrics, 2021, 175, 846.	6.2	147
8	Variability in Postural Control During Infancy: Implications for Development, Assessment, and Intervention. Physical Therapy, 2010, 90, 1838-1849.	2.4	90
9	A Comparison of Interventions for Children With Cerebral Palsy to Improve Sitting Postural Control: A Clinical Trial. Physical Therapy, 2010, 90, 1881-1898.	2.4	61
10	Nonlinear analysis of sitting postural sway indicates developmental delay in infants. Clinical Biomechanics, 2009, 24, 564-570.	1.2	51
11	A kinematic and electromyographic analysis of the development of sitting posture in infants. Developmental Psychobiology, 1993, 26, 51-64.	1.6	47
12	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.	0.9	47
13	Sit happens: Does sitting development perturb reaching development, or vice versa?. , 2013, 36, 438-450.		42
14	Infant sitting postural control appears robust across changes in surface context. Somatosensory & Motor Research, 2017, 34, 265-272.	0.9	41
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, .	2.4	40
16	Reliability of Center of Pressure Measures for Assessing the Development of Sitting Postural Control. Archives of Physical Medicine and Rehabilitation, 2009, 90, 1176-1184.	0.9	32
17	What Really Works in Intervention? Using Fidelity Measures to Support Optimal Outcomes. Physical Therapy, 2020, 100, 757-765.	2.4	32
18	Use of information entropy measures of sitting postural sway to quantify developmental delay in infants. Journal of NeuroEngineering and Rehabilitation, 2009, 6, 34.	4.6	31

#	Article	IF	Citations
19	Approximate entropy used to assess sitting postural sway of infants with developmental delay. , 2011, 34, 81-99.		31
20	Sitting Postural Control in Infants With Typical Development, Motor Delay, or Cerebral Palsy. Pediatric Physical Therapy, 2013, 25, 46-51.	0.6	31
21	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.	2.4	30
22	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.	1.3	23
23	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.	0.9	23
24	Embodied Cognition in Practice: Exploring Effects of a Motor-Based Problem-Solving Intervention. Physical Therapy, 2019, 99, 786-796.	2.4	22
25	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
26	Hand-Arm Bimanual Intensive Therapy Improves Prefrontal Cortex Activation in Children With Hemiplegic Cerebral Palsy. Pediatric Physical Therapy, 2018, 30, 93-100.	0.6	21
27	Neurorehabilitation Strategies Focusing on Ankle Control Improve Mobility and Posture in Persons With Multiple Sclerosis. Journal of Neurologic Physical Therapy, 2015, 39, 225-232.	1.4	20
28	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.	1.4	19
29	Upper extremity function: What's posture got to do with it?. Journal of Hand Therapy, 2015, 28, 106-113.	1.5	19
30	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.	2.2	17
31	Development of Upper Body Coordination During Sitting in Typically Developing Infants. Pediatric Research, 2009, 65, 553-558.	2.3	16
32	Severity and Characteristics of Developmental Delay Can Be Assessed Using Variability Measures of Sitting Posture. Pediatric Physical Therapy, 2010, 22, 259-266.	0.6	16
33	Sitting Postural Control Affects the Development of Focused Attention in Children With Cerebral Palsy. Pediatric Physical Therapy, 2015, 27, 16-22.	0.6	15
34	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.	1.3	15
35	Accuracy of Movement Speed and Error Detection Skills in Adolescents with Cerebral Palsy. Perceptual and Motor Skills, 2001, 93, 419-431.	1.3	14
36	Improving the Motor Skill of Children With Posterior Fossa Syndrome. Pediatric Physical Therapy, 2014, 26, 462-468.	0.6	13

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37	Developing a fidelity measure of early intervention programs for children with neuromotor disorders. Developmental Medicine and Child Neurology, 2021, 63, 97-103.	2.1	13
38	A Perceptual Motor Intervention Improves Play Behavior in Children with Moderate to Severe Cerebral Palsy. Frontiers in Psychology, 2016, 7, 643.	2.1	12
39	Cognitionâ€“Action Trade-Offs Reflect Organization of Attention in Infancy. Advances in Child Development and Behavior, 2018, 54, 45-86.	1.3	12
40	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.	1.3	11
41	Infant posture and caregiverâ€provided cognitive opportunities in typically developing infants and infants with motor delay. Developmental Psychobiology, 2022, 64, e22233.	1.6	11
42	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
43	Measuring Early Problem-Solving in Young Children with Motor Delays: A Validation Study. Physical and Occupational Therapy in Pediatrics, 2021, 41, 1-19.	1.3	8
44	The Stochastic Component of the Postural Sway Variability is Higher in Children with Balance Impairments. Annals of Biomedical Engineering, 2013, 41, 1703-1712.	2.5	7
45	Early motor skills predict the developmental trajectory of problem solving in young children with motor delays. Developmental Psychobiology, 2021, 63, e22123.	1.6	6
46	Neural activation within the prefrontal cortices during the goal-directed motor actions of children with hemiplegic cerebral palsy. Neurophotonics, 2018, 5, 1.	3.3	5
47	Children with moderate to severe cerebral palsy may not benefit from stochastic vibration when developing independent sitting. Developmental Neurorehabilitation, 2018, 21, 1-9.	1.1	4
48	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.	0.9	4
49	Sensory Information Utilization and Time Delays Characterize Motor Developmental Pathology in Infant Sitting Postural Control. Motor Control, 2011, 15, 302-317.	0.6	3
50	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.	0.4	3
51	Conclusions and implications for early intervention. Advances in Child Development and Behavior, 2021, 60, 317-327.	1.3	3
52	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, .	2.4	3
53	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.	1.3	2
54	A Novel Means-End Problem-Solving Assessment Tool for Early Intervention: Evaluation of Validity, Reliability, and Sensitivity. Pediatric Physical Therapy, 2021, 33, 2-9.	0.6	2

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55	The Influence of Maternal Cognitions Upon Motor Development in Infants Born Preterm: A Scoping Review. Pediatric Physical Therapy, 2021, 33, 137-147.	0.6	2
56	Commentary on â€œApproximate Entropy Values Demonstrate Neuromotor Control of Spontaneous Leg Activity in Infants With Myelomeningoceleâ€. Pediatric Physical Therapy, 2011, 23, 248.	0.6	1
57	Center of pressure and the projection of the time-course of sitting skill acquisition. Gait and Posture, 2013, 38, 806-811.	1.4	1
58	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.	2.5	1
59	Research Summit V: Optimizing Transitions From Infancy to Early Adulthood in Children With Neuromotor Conditions. Pediatric Physical Therapy, 2022, 34, 411-417.	0.6	1
60	Object Permanence and the Relationship to Sitting Development in Infants With Motor Delays. Pediatric Physical Therapy, 2022, 34, 309-316.	0.6	1
61	Commentary on â€œTreadmill Training Following Orthopedic Surgery in Lower Limbs of Children With Cerebral Palsyâ€. Pediatric Physical Therapy, 2013, 25, 193.	0.6	0
62	Commentary on â€œDescription of Primary and Secondary Impairments in Young Children With Cerebral Palsyâ€. Pediatric Physical Therapy, 2016, 28, 15.	0.6	0
63	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.	1.3	0
64	The Effect of Early-Life Seizures on Cognitive and Motor Development: A Case Series. Pediatric Physical Therapy, 0, Publish Ahead of Print, .	0.6	0