

# Nelci Adriana Cicuto Ferreira Rocha

## List of Publications by Year in descending order

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Version: 2024-02-01

80  
papers

1,215  
citations

430874

18  
h-index

526287

27  
g-index

81  
all docs

81  
docs citations

81  
times ranked

1076  
citing authors

#	ARTICLE	IF	CITATIONS
1	Assessment of postural control in children with cerebral palsy: A review. <i>Research in Developmental Disabilities</i> , 2013, 34, 1367-1375.	2.2	93
2	Sensory processing disorders in children with cerebral palsy. , 2017, 46, 1-6.		59
3	The impact of object size and rigidity on infant reaching. , 2006, 29, 251-261.		46
4	Development of reaching and grasping skills in infants with Down syndrome. <i>Research in Developmental Disabilities</i> , 2010, 31, 70-80.	2.2	40
5	Pilot study: Investigating the effects of Kinesio Taping® on functional activities in children with cerebral palsy. <i>Developmental Neurorehabilitation</i> , 2013, 16, 121-128.	1.1	40
6	Relationship between static postural control and the level of functional abilities in children with cerebral palsy. <i>Brazilian Journal of Physical Therapy</i> , 2014, 18, 300-307.	2.5	38
7	Impact of mother-infant interaction on development during the first year of life: A systematic review. <i>Journal of Child Health Care</i> , 2020, 24, 365-385.	1.4	36
8	Motor Performance of Children With Down Syndrome and Typical Development at 2 to 4 and 26 Months. <i>Pediatric Physical Therapy</i> , 2015, 27, 135-141.	0.6	35
9	Effects of virtual reality in body oscillation and motor performance of children with cerebral palsy: A preliminary randomized controlled clinical trial. <i>Complementary Therapies in Clinical Practice</i> , 2019, 35, 189-194.	1.7	35
10	Functionality level and its relation to postural control during sitting-to-stand movement in children with cerebral palsy. <i>Research in Developmental Disabilities</i> , 2014, 35, 506-511.	2.2	33
11	Sit-to-stand movement in children with cerebral palsy: A critical review. <i>Research in Developmental Disabilities</i> , 2011, 32, 2243-2252.	2.2	32
12	International classification of functioning, disability and health in children with cerebral palsy. <i>Disability and Rehabilitation</i> , 2012, 34, 1053-1058.	1.8	30
13	Use of Sensory Information During Postural Control in Children With Cerebral Palsy: Systematic Review. <i>Journal of Motor Behavior</i> , 2015, 47, 291-301.	0.9	30
14	Measuring changes in functional mobility in children with mild cerebral palsy. <i>Developmental Neurorehabilitation</i> , 2011, 14, 140-144.	1.1	29
15	Infants with Down syndrome and their interactions with objects: Development of exploratory actions after reaching onset. <i>Research in Developmental Disabilities</i> , 2013, 34, 1906-1916.	2.2	26
16	Postural control during sit-to-stand movement and its relationship with upright position in children with hemiplegic spastic cerebral palsy and in typically developing children. <i>Brazilian Journal of Physical Therapy</i> , 2015, 19, 18-25.	2.5	24
17	Reaching and grasping movements in infants at risk: A review. <i>Research in Developmental Disabilities</i> , 2009, 30, 819-826.	2.2	22
18	Functional balance and gross motor function in children with cerebral palsy. <i>Research in Developmental Disabilities</i> , 2014, 35, 2278-2283.	2.2	22

#	ARTICLE	IF	CITATIONS
19	Reliability of isokinetic evaluation in passive mode for knee flexors and extensors in healthy children. Brazilian Journal of Physical Therapy, 2013, 17, 112-120.	2.5	20
20	Impact of a virtual reality-based intervention on motor performance and balance of a child with cerebral palsy: a case study. Revista Paulista De Pediatria, 2014, 32, 389-394.	1.0	20
21	The influence of lying positions and postural control on hand-mouth and hand-hand behaviors in 4-month-old infants. , 2008, 31, 107-114.		19
22	What do we know about the atypical development of exploratory actions during infancy?. Research in Developmental Disabilities, 2012, 33, 2228-2235.	2.2	18
23	Sit-to-stand movement in children with hemiplegic cerebral palsy: Relationship with knee extensor torque and social participation. Research in Developmental Disabilities, 2013, 34, 2023-2032.	2.2	18
24	Quality and structure of variability in children during motor development: A systematic review. Research in Developmental Disabilities, 2013, 34, 2810-2830.	2.2	18
25	Sit-to-Stand Movement in Children: A Review. Journal of Motor Behavior, 2010, 42, 127-134.	0.9	15
26	Comparison of motor and cognitive performance of children attending public and private day care centers. Brazilian Journal of Physical Therapy, 2013, 17, 579-587.	2.5	15
27	Intrinsic properties and functional changes in spastic muscle after application of BTX-A in children with cerebral palsy: Systematic review. Developmental Neurorehabilitation, 2015, 18, 1-14.	1.1	15
28	Pilates improves lower limbs strength and postural control during quiet standing in a child with hemiparetic cerebral palsy: A case report study. Developmental Neurorehabilitation, 2016, 19, 226-230.	1.1	15
29	Microcephaly and Zika virus: Neuroradiological aspects, clinical findings and a proposed framework for early evaluation of child development. , 2017, 49, 70-82.		15
30	Dual-task effects in children with neuromotor dysfunction: a systematic review. European Journal of Physical and Rehabilitation Medicine, 2019, 55, 281-290.	2.2	15
31	Influência do tamanho e da rigidez dos objetos nos ajustes proximais e distais do alcance de lactentes. Brazilian Journal of Physical Therapy, 2006, 10, 263-269.	2.5	14
32	Adaptive actions of young infants in the task of reaching for objects. Developmental Psychobiology, 2013, 55, 275-282.	1.6	14
33	Evaluation and characterization of manual reaching in children with cerebral palsy: A systematic review. Research in Developmental Disabilities, 2015, 36, 162-174.	2.2	14
34	The effect of additional weight load on infant reaching. , 2009, 32, 234-237.		13
35	Dual-task effects on postural sway during sit-to-stand movement in children with Down syndrome. Journal of Intellectual Disability Research, 2019, 63, 576-586.	2.0	13
36	Association between sensory processing and activity performance in children with cerebral palsy levels III on the gross motor function classification system. Brazilian Journal of Physical Therapy, 2021, 25, 194-202.	2.5	12

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37	Effect of physical therapy interventions on spatiotemporal gait parameters in children with cerebral palsy: a systematic review. <i>Disability and Rehabilitation</i> , 2021, 43, 1507-1516.	1.8	12
38	Desempenho motor fino e funcionalidade em crianças com síndrome de Down. <i>Fisioterapia E Pesquisa</i> , 2012, 19, 363-368.	0.1	11
39	Sit-to-stand movement in children: A longitudinal study based on kinematics data. <i>Human Movement Science</i> , 2013, 32, 836-846.	1.4	11
40	Effect of Biomechanical Constraints on Neural Control of Head Stability in Children With Moderate to Severe Cerebral Palsy. <i>Physical Therapy</i> , 2017, 97, 374-385.	2.4	11
41	Effects of Kinesio taping in <i>rectus femoris</i> activity and sit-to-stand movement in children with unilateral cerebral palsy: placebo-controlled, repeated-measure design. <i>Disability and Rehabilitation</i> , 2019, 41, 2049-2059.	1.8	11
42	How do object size and rigidity affect reaching and grasping in infants with Down syndrome?. <i>Research in Developmental Disabilities</i> , 2011, 32, 246-252.	2.2	10
43	Effects of Visual Manipulation in Sit-to-Stand Movement in Children With Cerebral Palsy. <i>Journal of Motor Behavior</i> , 2018, 50, 486-491.	0.9	10
44	Age-related Changes in Postural Sway During Sit-to-stand in Typical Children and Children with Cerebral Palsy. <i>Journal of Motor Behavior</i> , 2019, 51, 185-192.	0.9	10
45	Discriminant ability and criterion validity of the Trunk Impairment Scale for cerebral palsy. <i>Disability and Rehabilitation</i> , 2019, 41, 2199-2205.	1.8	10
46	Efeito de um programa de fisioterapia funcional em crianças com paralisia cerebral associado a orientações aos cuidadores: estudo preliminar. <i>Fisioterapia E Pesquisa</i> , 2009, 16, 40-45.	0.1	9
47	Dynamical structure of center-of-pressure trajectories with and without functional taping in children with cerebral palsy level I and II of GMFCS. <i>Human Movement Science</i> , 2017, 54, 137-143.	1.4	9
48	Desempenho motor e sensorial de lactentes com e sem síndrome de Down: estudo piloto. <i>Fisioterapia E Pesquisa</i> , 2010, 17, 203-208.	0.1	8
49	Functional strength training in child with cerebral palsy GMFCS IV: Case report. <i>Developmental Neurorehabilitation</i> , 2013, 16, 308-314.	1.1	8
50	Postural control in Down syndrome and relationships with the dimensions of the International Classification of Functioning, Disability and Health – a systematic review. <i>Disability and Rehabilitation</i> , 2022, 44, 2207-2222.	1.8	8
51	Impact of dual task on postural sway during sit-to-stand movement in children with unilateral cerebral palsy. <i>Clinical Biomechanics</i> , 2020, 78, 105072.	1.2	8
52	Functioning of children and adolescents with Down syndrome and the association with environmental barriers and facilitators during the COVID-19 pandemic. <i>Journal of Intellectual Disabilities</i> , 2022, 26, 824-838.	1.4	8
53	Impact of extrinsic factors on fine motor performance of children attending day care. <i>Revista Paulista De Pediatria (English Edition)</i> , 2016, 34, 439-446.	0.3	7
54	Effects of Suit-Orthosis on Postural Adjustments During Seated Reaching Task in Children With Cerebral Palsy. <i>Pediatric Physical Therapy</i> , 2018, 30, 231-237.	0.6	7

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55	Efeito da intervenç�o com videogame ativo sobre o autoconceito, equil�brio, desempenho motor e sucesso adaptativo de crian�as com paralisia cerebral: estudo preliminar. <i>Fisioterapia E Pesquisa</i> , 2018, 25, 294-302.	0.1	6
56	Effect of the severity of manual impairment and hand dominance on anticipatory and compensatory postural adjustments during manual reaching in children with cerebral palsy. <i>Research in Developmental Disabilities</i> , 2018, 83, 47-56.	2.2	6
57	Effects of motor and cognitive manipulation on the dual-task costs of center of pressure displacement in children, adolescents and young adults: A cross-sectional study. <i>Clinical Biomechanics</i> , 2021, 84, 105344.	1.2	6
58	Telehealth Program for Infants at Risk of Cerebral Palsy during the Covid-19 Pandemic: A Pre-post Feasibility Experimental Study. <i>Physical and Occupational Therapy in Pediatrics</i> , 2022, 42, 490-509.	1.3	6
59	Nonimmersive Virtual Reality as Complementary Rehabilitation on Functional Mobility and Gait in Cerebral Palsy: A Randomized Controlled Clinical Trial. <i>Games for Health Journal</i> , 2021, 10, 254-263.	2.0	6
60	Intervenç�o psicomotora em crian�as de n�vel socioecon�mico baixo. <i>Fisioterapia E Pesquisa</i> , 2008, 15, 188-193.	0.1	5
61	Bimanual coordination in typical and atypical infants: Movement initiation, object touching and grasping. <i>Research in Developmental Disabilities</i> , 2014, 35, 2416-2422.	2.2	5
62	Hands Support and Postural Oscillation During Sit-to-Stand Movement in Children With Cerebral Palsy and Typical Children. <i>Journal of Motor Behavior</i> , 2018, 50, 194-201.	0.9	5
63	Assessment of Parent-Child Interaction Is Important With Infants in Rehabilitation and Can Use High-Tech or Low-Tech Methods. <i>Physical Therapy</i> , 2019, 99, 658-665.	2.4	5
64	Immediate effect of kinesio taping on knee extensor torque of children with Cerebral Palsy: Three case reports. <i>NeuroRehabilitation</i> , 2019, 43, 519-523.	1.3	5
65	Variability in the levels of postural control in 4-month-old infants. , 2009, 32, 376-380.		4
66	Clinical tools designed to assess motor abilities in children with cerebral palsy. <i>Developmental Neurorehabilitation</i> , 2017, 20, 149-159.	1.1	4
67	Effects of sensory manipulations on the dynamical structure of center-of-pressure trajectories of children with cerebral palsy during sitting. <i>Human Movement Science</i> , 2019, 63, 1-9.	1.4	3
68	Asymmetry in children with unilateral cerebral palsy during sit-to-stand movement: Cross-sectional, repeated-measures and comparative study. <i>Clinical Biomechanics</i> , 2020, 71, 152-159.	1.2	3
69	Sit-to-stand movement in children with cerebral palsy and relationships with the International classification of functioning, disability and health: A systematic review. <i>Research in Developmental Disabilities</i> , 2020, 107, 103804.	2.2	3
70	Wearable sensors, cerebral palsy and gait assessment in everyday environments: is it a reality? - A systematic review. <i>Functional Neurology</i> , 2019, 34, 85-91.	1.3	2
71	Physical and functional evaluation in Marden's "Walker syndrome: Case report " Review of literature. <i>Developmental Neurorehabilitation</i> , 2014, 17, 278-283.	1.1	1
72	Translation of the "F-Words Tools" into Brazilian Portuguese. <i>Fisioterapia Em Movimento</i> , 0, 34, .	0.1	1

#	ARTICLE	IF	CITATIONS
73	[P2.55]: Motor and cognitive performance in children with Down syndrome. International Journal of Developmental Neuroscience, 2010, 28, 705-706.	1.6	0
74	Do sit-to-stand performance changes during gait acquisition?. Motriz Revista De Educacao Fisica, 2014, 20, 186-191.	0.2	0
75	Association between the level of attention and dual-task costs on postural sway and cognitive yield in children, adolescents, and young adults. International Journal of Developmental Neuroscience, 2021, 81, 229-237.	1.6	0
76	Sex and age influence on postural sway during sit-to-stand movement in children and adolescents: Cross-sectional study. International Journal of Developmental Neuroscience, 2021, 81, 520-528.	1.6	0
77	Lower Limb Sensorimotor Training (LoSenseT) for Children and Adolescents with Cerebral Palsy: A Brief Report of a Feasibility Randomized Protocol. Developmental Neurorehabilitation, 2021, 24, 276-286.	1.1	0
78	Ajustes nos movimentos de alcançar e apreender objetos: impacto da Síndrome de Down. Revista Brasileira De Saude Materno Infantil, 2012, 12, 183-191.	0.5	0
79	Translation and brazilian cultural adaptation of the Assessment of Life Habits for Children. Revista De Terapia Ocupacional Da Universidade De São Paulo, 2020, 30, 37-44.	0.0	0
80	Active Videogame Training Combined with Conventional Therapy Alters Body Oscillation in Children with Cerebral Palsy: A Randomized Controlled Trial. Games for Health Journal, 0, , .	2.0	0