Annemieke I Buizer

List of Publications by Citations

78 papers	1,100 citations	18 h-index	31 g-index
103 ext. papers	1,416 ext. citations	3 avg, IF	4.44 L-index

#	Paper	IF	Citations
78	Effects of chemotherapy on neurocognitive function in children with acute lymphoblastic leukemia: a critical review of the literature. *Pediatric Blood and Cancer*, **2009**, 52, 447-54	3	139
77	Chemotherapy and attentional dysfunction in survivors of childhood acute lymphoblastic leukemia: effect of treatment intensity. *Pediatric Blood and Cancer*, **2005**, 45, 281-90	3	130
76	Behavioral and educational limitations after chemotherapy for childhood acute lymphoblastic leukemia or Wilms tumor. *Cancer*, **2006**, 106, 2067-75	6.4	88
75	The efficacy of functional gait training in children and young adults with cerebral palsy: a systematic review and meta-analysis. *Developmental Medicine and Child Neurology*, **2018**, 60, 866-883	3.3	57
74	Visuomotor control in survivors of childhood acute lymphoblastic leukemia treated with chemotherapy only. *Journal of the International Neuropsychological Society*, **2005**, 11, 554-65	3.1	51
73	The Effects of Varying Ankle Foot Orthosis Stiffness on Gait in Children with Spastic Cerebral Palsy Who Walk with Excessive Knee Flexion. *PLoS ONE*, **2015**, 10, e0142878	3.7	50
72	European consensus on the concepts and measurement of the pathophysiological neuromuscular responses to passive muscle stretch. *European Journal of Neurology*, **2017**, 24, 981-e38	6	48
71	Real-time feedback to improve gait in children with cerebral palsy. *Gait and Posture*, **2017**, 52, 76-82	2.6	25
70	Immediate Effects of Immersive Biofeedback on Gait in Children With Cerebral Palsy. *Archives of Physical Medicine and Rehabilitation*, **2019**, 100, 598-605	2.8	24
69	An individual approach for optimizing ankle-foot orthoses to improve mobility in children with spastic cerebral palsy walking with excessive knee flexion. *Gait and Posture*, **2016**, 46, 104-11	2.6	23
68	Effect of continuous intrathecal baclofen therapy in children: a systematic review. *Developmental Medicine and Child Neurology*, **2019**, 61, 128-134	3.3	23
67	The validity and reliability of modelled neural and tissue properties of the ankle muscles in children with cerebral palsy. *Gait and Posture*, **2015**, 42, 7-15	2.6	22
66	Kinetic comparison of walking on a treadmill versus over ground in children with cerebral palsy. *Journal of Biomechanics*, **2015**, 48, 3577-83	2.9	22
65	The Effect of Intrathecal Baclofen in Dyskinetic Cerebral Palsy: The IDYS Trial. *Annals of Neurology*, **2019**, 86, 79-90	9.4	21
64	The Shank-to-Vertical-Angle as a parameter to evaluate tuning of Ankle-Foot Orthoses. *Gait and Posture*, **2015**, 42, 269-74	2.6	21
63	Freehand three-dimensional ultrasound to assess semitendinosus muscle morphology. *Journal of Anatomy*, **2016**, 229, 591-9	2.9	20
62	Motorized versus manual instrumented spasticity assessment in children with cerebral palsy. *Developmental Medicine and Child Neurology*, **2017**, 59, 145-151	3.3	19

61	The effect of intrathecal baclofen treatment on activities of daily life in children and young adults with cerebral palsy and progressive neurological disorders. *European Journal of Paediatric Neurology*, **2016**, 20, 538-44	3.8	19
60	Analysis of gait patterns pre- and post- Single Event Multilevel Surgery in children with Cerebral Palsy by means of Offset-Wise Movement Analysis Profile and Linear Fit Method. *Human Movement Science*, **2017**, 55, 145-155	2.4	18
59	Energy cost during walking in association with age and body height in children and young adults with cerebral palsy. *Gait and Posture*, **2017**, 54, 119-126	2.6	17
58	Effect of selective dorsal rhizotomy on daily care and comfort in non-walking children and adolescents with severe spasticity. *European Journal of Paediatric Neurology*, **2017**, 21, 350-357	3.8	16
57	Muscle Synergies in Response to Biofeedback-Driven Gait Adaptations in Children With Cerebral Palsy. *Frontiers in Physiology*, **2019**, 10, 1208	4.6	15
56	Acclimatization of the gait pattern to wearing an ankle-foot orthosis in children with spastic cerebral palsy. *Clinical Biomechanics*, **2015**, 30, 617-22	2.2	14
55	Defining the mechanical properties of a spring-hinged ankle foot orthosis to assess its potential use in children with spastic cerebral palsy. *Journal of Applied Biomechanics*, **2014**, 30, 728-31	1.2	14
54	Knee Moment-Angle Characteristics and Semitendinosus Muscle Morphology in Children with Spastic Paresis Selected for Medial Hamstring Lengthening. *PLoS ONE*, **2016**, 11, e0166401	3.7	13
53	Instrumented assessment of motor function in dyskinetic cerebral palsy: a systematic review. *Journal of NeuroEngineering and Rehabilitation*, **2020**, 17, 39	5.3	12
52	Effects of Postural Management on Hip Migration in Children With Cerebral Palsy: A Systematic Review. *Pediatric Physical Therapy*, **2018**, 30, 82-91	0.9	12
51	Factors Associated With Long-Term Improvement of Gait After Selective Dorsal Rhizotomy. *Archives of Physical Medicine and Rehabilitation*, **2019**, 100, 474-480	2.8	12
50	Outcome of medial hamstring lengthening in children with spastic paresis: A biomechanical and morphological observational study. *PLoS ONE*, **2018**, 13, e0192573	3.7	11
49	Optimising Ankle Foot Orthoses for children with cerebral palsy walking with excessive knee flexion to improve their mobility and participation; protocol of the AFO-CP study. *BMC Pediatrics*, **2013**, 13, 17	2.6	11
48	The head-shaft angle of the hip in early childhood: a comparison of reference values for children with cerebral palsy and normally developing hips. *Bone and Joint Journal*, **2015**, 97-B, 1291-5	5.6	10
47	How normal is normal: Consequences of stride to stride variability, treadmill walking and age when using normative paediatric gait data. *Gait and Posture*, **2019**, 70, 289-297	2.6	9
46	The prognostic value of the head-shaft angle on hip displacement in children with cerebral palsy. *Journal of Children's Orthopaedics*, **2015**, 9, 129-35	2.1	9
45	Intrathecal baclofen in metachromatic leukodystrophy. *Developmental Medicine and Child Neurology*, **2019**, 61, 232-235	3.3	9
44	Muscle Synergies During Walking in Children With Cerebral Palsy: A Systematic Review. *Frontiers in Physiology*, **2020**, 11, 632	4.6	8

43	Evolution of gait in adolescents and young adults with spastic diplegia after selective dorsal rhizotomy in childhood: A 10 year follow-up study. *Gait and Posture*, **2018**, 64, 108-113	2.6	8
42	The European Reference Network for Rare Neurological Diseases. *Frontiers in Neurology*, **2020**, 11, 616569	4.1	8
41	Assessment of net knee moment-angle characteristics by instrumented hand-held dynamometry in children with spastic cerebral palsy and typically developing children. *Journal of NeuroEngineering and Rehabilitation*, **2015**, 12, 67	5.3	7
40	Effects of functional power training on gait kinematics in children with cerebral palsy. *Gait and Posture*, **2019**, 73, 168-172	2.6	5
39	Risk Factors for Dystonia after Selective Dorsal Rhizotomy in Nonwalking Children and Adolescents with Bilateral Spasticity. *Neuropediatrics*, **2018**, 49, 44-50	1.6	5
38	Factors associated with spoken language comprehension in children with cerebral palsy: a systematic review. *Developmental Medicine and Child Neurology*, **2020**, 62, 1363-1373	3.3	5
37	Fatigue in Children and Young Adults With Physical Disabilities: Relation With Energy Demands of Walking and Physical Fitness. *Pediatric Physical Therapy*, **2020**, 32, 202-209	0.9	4
36	Sudden falls as a persistent complication of selective dorsal rhizotomy surgery in children with bilateral spasticity: report of 3 cases. *Journal of Neurosurgery: Pediatrics*, **2016**, 18, 192-5	2.1	4
35	Therapy needs and possibilities in paediatric rehabilitation during the COVID-19 lockdown in the Netherlands. *Child: Care, Health and Development*, **2020**, 46, 749-750	2.8	3
34	The validity and usability of an eight marker model for avatar-based biofeedback gait training. *Clinical Biomechanics*, **2019**, 70, 146-152	2.2	2
33	Selective dorsal rhizotomy in children with cerebral palsy. *The Lancet Child and Adolescent Health*, **2019**, 3, 438-439	14.5	2
32	Comprehensive evaluation of gait, spasticity, and muscle morphology: A case report of a child with spastic paresis treated with Botulinum NeuroToxin-A, serial casting, and physiotherapy. *Clinical Case Reports (discontinued)*, **2019**, 7, 1637-1646	0.7	2
31	Use of the Dyskinesia Impairment Scale in non-ambulatory dyskinetic cerebral palsy. *Developmental Medicine and Child Neurology*, **2020**, 62, 494-499	3.3	2
30	Parenting a child with Marfan syndrome: Distress and everyday problems. *American Journal of Medical Genetics, Part A*, **2021**, 185, 50-59	2.5	2
29	Feature selection from markerless movement recordings to assess dystonia in children with cerebral palsy. *Gait and Posture*, **2020**, 81, 354-355	2.6	1
28	Intermediate uveitis and polyneuropathy in an elderly patient due to sarcoidosis. *Neuro-Ophthalmology*, **1999**, 21, 171-172	0.9	1
27	Automatic video tracking using deep learning in dyskinetic cerebral palsy. *Gait and Posture*, **2020**, 81, 132-133	2.6	1
26	Satisfaction and pain levels after proximal femoral valgus osteotomy according to Schanz in patients with cerebral palsy and hip dislocation. *Journal of Pediatric Orthopaedics Part B*, **2016**, 25, 222-7	1.4	1

25	Botulinum neurotoxin treatment in children with cerebral palsy: validation of a needle placement protocol using passive muscle stretching and relaxing. *Developmental Medicine and Child Neurology*, **2016**, 58, 1281-1287	3.3	1
24	Applying Stretch to Evoke Hyperreflexia in Spasticity Testing: Velocity vs. Acceleration. *Frontiers in Bioengineering and Biotechnology*, **2020**, 8, 591004	5.8	1
23	O 016 - Investigating the roll-over shape in children with cerebral palsy walking with and without ankle foot orthoses. *Gait and Posture*, **2018**, 65, 29-30	2.6	1
22	O 051 Does video game-based balance-training improve gait stability in children with cerebral palsy?. *Gait and Posture*, **2018**, 65, 105-106	2.6	1
21	Exergaming improves balance in children with spastic cerebral palsy with low balance performance: results from a multicenter controlled trial. *Disability and Rehabilitation*, **2021**, 1-10	2.4	1
20	The effect of prolonged walking on muscle fatigue and neuromuscular control in children with cerebral palsy.. *Gait and Posture*, **2022**, 93, 7-13	2.6	0
19	Gastrocnemius Medialis Muscle Geometry and Extensibility in Typically Developing Children and Children With Spastic Paresis Aged 6-13 Years. *Frontiers in Physiology*, **2020**, 11, 528522	4.6	0
18	Early Development of Locomotor Patterns and Motor Control in Very Young Children at High Risk of Cerebral Palsy, a Longitudinal Case Series. *Frontiers in Human Neuroscience*, **2021**, 15, 659415	3.3	0
17	How does a systematic tuning protocol for ankle foot orthosis-footwear combinations affect gait in children in cerebral palsy?. *Disability and Rehabilitation*, **2021**, 1-11	2.4	0
16	Attainment of personal goals in the first year of intrathecal baclofen treatment in dyskinetic cerebral palsy: a prospective cohort study.. *Disability and Rehabilitation*, **2022**, 1-8	2.4	0
15	The Impact of Frame Running on Quality of Life in Young Athletes With Mobility Limitations.. *Frontiers in Sports and Active Living*, **2022**, 4, 839285	2.3	0
14	Determinants of spoken language comprehension in children with cerebral palsy.. *Disability and Rehabilitation*, **2022**, 1-13	2.4	0
13	Intrathecal Baclofen for Dyskinetic Cerebral Palsy229-232		
12	O63: Medial gastrocnemius muscle in children with Spastic Paresis show growth defects for muscle volume and altered normalized muscle and tendon length compared to typically developed children. *Gait and Posture*, **2017**, 57, 110-111	2.6	
11	Effects of Botulinum Toxin-A and casting treatment on assessed spasticity, muscle morphology and gait kinematics in spastic paresis. *Gait and Posture*, **2017**, 57, 104-105	2.6	
10	Evolution of the gait pattern in adolescents and young adults with Cerebral Palsy who underwent SDR as children: a 10 year follow-up study. *Gait and Posture*, **2017**, 57, 129-130	2.6	
9	P48: Effect of Botulinum toxin-A treatment on ankle and knee kinematics in spastic CP patients based on combination of treated muscles. *Gait and Posture*, **2017**, 57, 269-270	2.6	
8	Surgical complications of intrathecal baclofen in children: A single centre, 20-year retrospective cohort study.. *European Journal of Paediatric Neurology*, **2022**, 37, 94-97	3.8	

7	Intraobserver Reliability and Construct Validity of the Squat Test in Children With Cerebral Palsy. *Pediatric Physical Therapy*, **2020**, 32, 399-403	0.9
6	Videogame-based balance training while standing does not affect reactive gait stability after slip perturbations in children with cerebral palsy. *Gait and Posture*, **2020**, 81, 229	2.6
5	Midfoot kinematics of valgus and varus foot types in children with cerebral palsy using the Amsterdam Foot Model. *Gait and Posture*, **2021**, 90, 186-187	2.6
4	Implicit EMG-driven gaming to alter calf muscle activation during gait in children with cerebral palsy. *Gait and Posture*, **2021**, 90, 61-62	2.6
3	Markerless motion tracking to assess upper limb dyskinesia in children and young adults with cerebral palsy. *Gait and Posture*, **2021**, 90, 106-107	2.6
2	Functional assessment of stretch hyperreflexia in children with cerebral palsy using treadmill perturbations. *Journal of NeuroEngineering and Rehabilitation*, **2021**, 18, 151	5.3
1	Biofeedback-driven gaming to improve EMG patterns during gait in children with cerebral palsy. *Gait and Posture*, **2020**, 81, 97-98	2.6