Hilde Feys

List of Publications by Year
in descending order

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61 papers	2,415 citations	236925 25 h-index	223800 46 g-index
64 all docs	64 docs citations	64 times ranked	2612 citing authors

#	Article	IF	Citations
1	How Do Somatosensory Deficits in the Arm and Hand Relate to Upper Limb Impairment, Activity, and Participation Problems After Stroke? A Systematic Review. Physical Therapy, 2014, 94, 1220-1231.	2.4	162
2	Early and Repetitive Stimulation of the Arm Can Substantially Improve the Long-Term Outcome After Stroke: A 5-Year Follow-up Study of a Randomized Trial. Stroke, 2004, 35, 924-929.	2.0	151
3	Clinical presentation and management of dyskinetic cerebral palsy. Lancet Neurology, The, 2017, 16, 741-749.	10.2	136
4	Upper limb impairments and their impact on activity measures in children with unilateral cerebral palsy. European Journal of Paediatric Neurology, 2012, 16, 475-484.	1.6	106
5	Functional and Motor Outcome 5 Years After Stroke Is Equivalent to Outcome at 2 Months. Stroke, 2015, 46, 1613-1619.	2.0	96
6	Upper limb kinematics: Development and reliability of a clinical protocol for children. Gait and Posture, 2011, 33, 279-285.	1.4	92
7	Voxel-based lesion-symptom mapping of stroke lesions underlying somatosensory deficits. NeuroImage: Clinical, 2016, 10, 257-266.	2.7	88
8	Three-dimensional upper limb movement characteristics in children with hemiplegic cerebral palsy and typically developing children. Research in Developmental Disabilities, 2011, 32, 2283-2294.	2.2	86
9	Predicting motor recovery of the upper limb after stroke rehabilitation: value of a clinical examination. Physiotherapy Research International, 2000, 5, 1-18.	1.5	79
10	The reliability of upper limb kinematics in children with hemiplegic cerebral palsy. Gait and Posture, 2011, 33, 568-575.	1.4	79
11	Effects of Intensive Whole-Body Vibration Training on Muscle Strength and Balance in Adults With Chronic Stroke: A Randomized Controlled Pilot Study. Archives of Physical Medicine and Rehabilitation, 2014, 95, 439-446.	0.9	76
12	Altered trunk movements during gait in children with spastic diplegia: Compensatory or underlying trunk control deficit?. Research in Developmental Disabilities, 2014, 35, 2044-2052.	2.2	70
13	Clinical patterns of dystonia and choreoathetosis in participants with dyskinetic cerebral palsy. Developmental Medicine and Child Neurology, 2016, 58, 138-144.	2.1	68
14	Reliability of a novel, semiâ€quantitative scale for classification of structural brain magnetic resonance imaging in children with cerebral palsy. Developmental Medicine and Child Neurology, 2014, 56, 839-845.	2.1	66
15	Relation between neuroradiological findings and upper limb function in hemiplegic cerebral palsy. European Journal of Paediatric Neurology, 2010, 14, 169-177.	1.6	62
16	Treatment of Erectile Dysfunction by Perineal Exercise, Electromyographic Biofeedback, and Electrical Stimulation. Physical Therapy, 2003, 83, 536-543.	2.4	56
17	The Arm Profile Score: A new summary index to assess upper limb movement pathology. Gait and Posture, 2011, 34, 227-233.	1.4	56
18	The Corticospinal Tract: A Biomarker to Categorize Upper Limb Functional Potential in Unilateral Cerebral Palsy. Frontiers in Pediatrics, 2015, 3, 112.	1.9	53

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19	Functional outcomes in children and young people with dyskinetic cerebral palsy. Developmental Medicine and Child Neurology, 2017, 59, 634-640.	2.1	51
20	Six-Minute Walk Test: Reference Values and Prediction Equation in Healthy Boys Aged 5 to12 Years. PLoS ONE, 2013, 8, e84120.	2.5	48
21	Validity of semi-quantitative scale for brain MRI in unilateral cerebral palsy due to periventricular white matter lesions: Relationship with hand sensorimotor function and structural connectivity. NeuroImage: Clinical, 2015, 8, 104-109.	2.7	44
22	Do mirror movements relate to hand function and timing of the brain lesion in children with unilateral cerebral palsy?. Developmental Medicine and Child Neurology, 2016, 58, 735-742.	2.1	42
23	Randomized Trial of Modified Constraint-Induced Movement Therapy With and Without an Intensive Therapy Program in Children With Unilateral Cerebral Palsy. Neurorehabilitation and Neural Repair, 2013, 27, 799-807.	2.9	38
24	Age-related changes in upper limb motion during typical development. PLoS ONE, 2018, 13, e0198524.	2.5	32
25	Clinical assessment and three-dimensional movement analysis: An integrated approach for upper limb evaluation in children with unilateral cerebral palsy. PLoS ONE, 2017, 12, e0180196.	2.5	30
26	How does the interaction of presumed timing, location and extent of the underlying brain lesion relate to upper limb function in children with unilateral cerebral palsy?. European Journal of Paediatric Neurology, 2017, 21, 763-772.	1.6	29
27	The relationship of dystonia and choreoathetosis with activity, participation and quality of life in children and youth with dyskinetic cerebral palsy. European Journal of Paediatric Neurology, 2017, 21, 327-335.	1.6	29
28	Action observation training for rehabilitation in brain injuries: a systematic review and meta-analysis. BMC Neurology, 2019, 19, 344.	1.8	28
29	The relationship between neuroimaging and motor outcome in children with cerebral palsy: A systematic reviewâ€"Part B diffusion imaging and tractography. Research in Developmental Disabilities, 2020, 97, 103569.	2.2	27
30	Evolution of selfâ€care and functional mobility after singleâ€event multilevel surgery in children and adolescents with spastic diplegic cerebral palsy. Developmental Medicine and Child Neurology, 2018, 60, 505-512.	2.1	22
31	Combining constraint-induced movement therapy and action-observation training in children with unilateral cerebral palsy: a randomized controlled trial. BMC Pediatrics, 2018, 18, 250.	1.7	22
32	Randomized controlled trial combining constraint-induced movement therapy and action-observation training in unilateral cerebral palsy: clinical effects and influencing factors of treatment response. Therapeutic Advances in Neurological Disorders, 2020, 13, 175628641989806.	3.5	22
33	Corticospinal Tract Wiring and Brain Lesion Characteristics in Unilateral Cerebral Palsy: Determinants of Upper Limb Motor and Sensory Function. Neural Plasticity, 2018, 2018, 1-13.	2.2	21
34	Physical activity in chronic home-living and sub-acute hospitalized stroke patients using objective and self-reported measures. Topics in Stroke Rehabilitation, 2016, 23, 98-105.	1.9	20
35	Effectiveness of Active Cycling in Subacute Stroke Rehabilitation: A Randomized Controlled Trial. Archives of Physical Medicine and Rehabilitation, 2017, 98, 1576-1585.e5.	0.9	20
36	Negative Influence of Motor Impairments on Upper Limb Movement Patterns in Children with Unilateral Cerebral Palsy. A Statistical Parametric Mapping Study. Frontiers in Human Neuroscience, 2017, 11, 482.	2.0	20

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37	Influence of the corticospinal tract wiring pattern on sensorimotor functional connectivity and clinical correlates of upper limb function in unilateral cerebral palsy. Scientific Reports, 2019, 9, 8230.	3.3	19
38	Mismatch between observed and perceived upper limb function: an eye-catching phenomenon after stroke. Disability and Rehabilitation, 2019, 41, 1545-1551.	1.8	19
39	Functional network connectivity is altered in patients with upper limb somatosensory impairments in the acute phase post stroke: A cross-sectional study. PLoS ONE, 2018, 13, e0205693.	2.5	18
40	Effects of combining constraint-induced movement therapy and action-observation training on upper limb kinematics in children with unilateral cerebral palsy: a randomized controlled trial. Scientific Reports, 2020, 10, 10421.	3.3	18
41	Is a Coded Physical Activity Diary Valid for Assessing Physical Activity Level and Energy Expenditure in Stroke Patients?. PLoS ONE, 2014, 9, e98735.	2.5	17
42	Macrostructural and Microstructural Brain Lesions Relate to Gait Pathology in Children With Cerebral Palsy. Neurorehabilitation and Neural Repair, 2016, 30, 817-833.	2.9	17
43	The relationship between neuroimaging and motor outcome in children with cerebral palsy: A systematic review â€“ Part A. Structural imaging. Research in Developmental Disabilities, 2020, 100, 103606.	2.2	17
44	Manual function outcome measures in children with developmental coordination disorder (DCD): Systematic review. Research in Developmental Disabilities, 2016, 55, 114-131.	2.2	16
45	White matter characteristics of motor, sensory and interhemispheric tracts underlying impaired upper limb function in children with unilateral cerebral palsy. Brain Structure and Function, 2020, 225, 1495-1509.	2.3	15
46	Changes in Corticomotor Excitability and Intracortical Inhibition of the Primary Motor Cortex Forearm Area Induced by Anodal tDCS. PLoS ONE, 2014, 9, e101496.	2.5	14
47	Time Course of Upper Limb Function in Children with Unilateral Cerebral Palsy: A Five-Year Follow-Up Study. Neural Plasticity, 2018, 2018, 1-9.	2.2	14
48	Tone Reduction and Physical Therapy: Strengthening Partners in Treatment of Children with Spastic Cerebral Palsy. Neuropediatrics, 2020, 51, 089-104.	0.6	13
49	Structural Brain Damage and Upper Limb Kinematics in Children with Unilateral Cerebral Palsy. Frontiers in Human Neuroscience, 2017, 11, 607.	2.0	11
50	Premotor dorsal white matter integrity for the prediction of upper limb motor impairment after stroke. Scientific Reports, 2019, 9, 19712.	3.3	11
51	Tele-UPCAT: study protocol of a randomised controlled trial of a home-based Tele-monitored UPper limb Children Action observation Training for participants with unilateral cerebral palsy. BMJ Open, 2021, 8, e017819.	1.9	11
52	Reliability of Isokinetic Strength Assessments of Knee and Hip Using the Biodex System 4 Dynamometer and Associations With Functional Strength in Healthy Children. Frontiers in Sports and Active Living, 2022, 4, 817216.	1.8	11
53	Does a cycling program combined with education and followed by coaching promote physical activity in subacute stroke patients? A randomized controlled trial. Disability and Rehabilitation, 2019, 41, 413-421.	1.8	10
54	Normative data and percentile curves for the three-minute walk test and timed function tests in healthy Caucasian boys from 2.5 up to 6 years old. Neuromuscular Disorders, 2019, 29, 585-600.	0.6	9

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55	The Adult Assisting Hand Assessment Stroke: Psychometric Properties of an Observation-Based Bimanual Upper Limb Performance Measurement. Archives of Physical Medicine and Rehabilitation, 2018, 99, 2513-2522.	0.9	8
56	Testâ€“retest reliability of the Dyskinesia Impairment Scale: measuring dystonia and choreoathetosis in dyskinetic cerebral palsy. Developmental Medicine and Child Neurology, 2020, 62, 489-493.	2.1	8
57	Presence and severity of dystonia and choreoathetosis overflow movements in participants with dyskinetic cerebral palsy and their relation with functional classification scales. Disability and Rehabilitation, 2020, 42, 1548-1555.	1.8	4
58	Upper limb strength training and somatosensory stimulation: optimizing selfâ€care independence for children with unilateral cerebral palsy. Developmental Medicine and Child Neurology, 2019, 61, 998-998.	2.1	3
59	Tyneside Pegboard Test for unimanual and bimanual dexterity in unilateral cerebral palsy: association with sensorimotor impairment. Developmental Medicine and Child Neurology, 2021, 63, 874-882.	2.1	3
60	Reliability of functional tests of the lower limbs and core stability in children and adolescents with cerebral palsy. European Journal of Physical and Rehabilitation Medicine, 2021, 57, 738-746.	2.2	2
61	Early motor development in young children with 22q.11 deletion syndrome and a conotruncal heart defect. Developmental Medicine and Child Neurology, 2005, 47, 797-802.	2.1	0