

Hilde Feys

List of Publications by Year in descending order

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Version: 2024-02-01

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	Reliability of Isokinetic Strength Assessments of Knee and Hip Using the Biodex System 4 Dynamometer and Associations With Functional Strength in Healthy Children. <i>Frontiers in Sports and Active Living</i> , 2022, 4, 817216.	1.8	11
2	Tyneside Pegboard Test for unimanual and bimanual dexterity in unilateral cerebral palsy: association with sensorimotor impairment. <i>Developmental Medicine and Child Neurology</i> , 2021, 63, 874-882.	2.1	3
3	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. <i>BMJ Open</i> , 2021, 8, e017819.	1.9	11
4	Reliability of functional tests of the lower limbs and core stability in children and adolescents with cerebral palsy. <i>European Journal of Physical and Rehabilitation Medicine</i> , 2021, 57, 738-746.	2.2	2
5	Presence and severity of dystonia and choreoathetosis overflow movements in participants with dyskinetic cerebral palsy and their relation with functional classification scales. <i>Disability and Rehabilitation</i> , 2020, 42, 1548-1555.	1.8	4
6	The relationship between neuroimaging and motor outcome in children with cerebral palsy: A systematic review – Part B diffusion imaging and tractography. <i>Research in Developmental Disabilities</i> , 2020, 97, 103569.	2.2	27
7	Test – retest reliability of the Dyskinesia Impairment Scale: measuring dystonia and choreoathetosis in dyskinetic cerebral palsy. <i>Developmental Medicine and Child Neurology</i> , 2020, 62, 489-493.	2.1	8
8	Tone Reduction and Physical Therapy: Strengthening Partners in Treatment of Children with Spastic Cerebral Palsy. <i>Neuropediatrics</i> , 2020, 51, 089-104.	0.6	13
9	The relationship between neuroimaging and motor outcome in children with cerebral palsy: A systematic review – Part A. Structural imaging. <i>Research in Developmental Disabilities</i> , 2020, 100, 103606.	2.2	17
10	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. <i>Scientific Reports</i> , 2020, 10, 10421.	3.3	18
11	Randomized controlled trial combining constraint-induced movement therapy and action-observation training in unilateral cerebral palsy: clinical effects and influencing factors of treatment response. <i>Therapeutic Advances in Neurological Disorders</i> , 2020, 13, 175628641989806.	3.5	22
12	White matter characteristics of motor, sensory and interhemispheric tracts underlying impaired upper limb function in children with unilateral cerebral palsy. <i>Brain Structure and Function</i> , 2020, 225, 1495-1509.	2.3	15
13	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. <i>Neuromuscular Disorders</i> , 2019, 29, 585-600.	0.6	9
14	Influence of the corticospinal tract wiring pattern on sensorimotor functional connectivity and clinical correlates of upper limb function in unilateral cerebral palsy. <i>Scientific Reports</i> , 2019, 9, 8230.	3.3	19
15	Upper limb strength training and somatosensory stimulation: optimizing self-care independence for children with unilateral cerebral palsy. <i>Developmental Medicine and Child Neurology</i> , 2019, 61, 998-998.	2.1	3
16	Premotor dorsal white matter integrity for the prediction of upper limb motor impairment after stroke. <i>Scientific Reports</i> , 2019, 9, 19712.	3.3	11
17	Action observation training for rehabilitation in brain injuries: a systematic review and meta-analysis. <i>BMC Neurology</i> , 2019, 19, 344.	1.8	28
18	Does a cycling program combined with education and followed by coaching promote physical activity in subacute stroke patients? A randomized controlled trial. <i>Disability and Rehabilitation</i> , 2019, 41, 413-421.	1.8	10

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19	Mismatch between observed and perceived upper limb function: an eye-catching phenomenon after stroke. <i>Disability and Rehabilitation</i> , 2019, 41, 1545-1551.	1.8	19
20	Evolution of self-care and functional mobility after single-event multilevel surgery in children and adolescents with spastic diplegic cerebral palsy. <i>Developmental Medicine and Child Neurology</i> , 2018, 60, 505-512.	2.1	22
21	Time Course of Upper Limb Function in Children with Unilateral Cerebral Palsy: A Five-Year Follow-Up Study. <i>Neural Plasticity</i> , 2018, 2018, 1-9.	2.2	14
22	Corticospinal Tract Wiring and Brain Lesion Characteristics in Unilateral Cerebral Palsy: Determinants of Upper Limb Motor and Sensory Function. <i>Neural Plasticity</i> , 2018, 2018, 1-13.	2.2	21
23	Functional network connectivity is altered in patients with upper limb somatosensory impairments in the acute phase post stroke: A cross-sectional study. <i>PLoS ONE</i> , 2018, 13, e0205693.	2.5	18
24	Combining constraint-induced movement therapy and action-observation training in children with unilateral cerebral palsy: a randomized controlled trial. <i>BMC Pediatrics</i> , 2018, 18, 250.	1.7	22
25	The Adult Assisting Hand Assessment Stroke: Psychometric Properties of an Observation-Based Bimanual Upper Limb Performance Measurement. <i>Archives of Physical Medicine and Rehabilitation</i> , 2018, 99, 2513-2522.	0.9	8
26	Age-related changes in upper limb motion during typical development. <i>PLoS ONE</i> , 2018, 13, e0198524.	2.5	32
27	Functional outcomes in children and young people with dyskinetic cerebral palsy. <i>Developmental Medicine and Child Neurology</i> , 2017, 59, 634-640.	2.1	51
28	Effectiveness of Active Cycling in Subacute Stroke Rehabilitation: A Randomized Controlled Trial. <i>Archives of Physical Medicine and Rehabilitation</i> , 2017, 98, 1576-1585.e5.	0.9	20
29	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?. <i>European Journal of Paediatric Neurology</i> , 2017, 21, 763-772.	1.6	29
30	Clinical presentation and management of dyskinetic cerebral palsy. <i>Lancet Neurology</i> , The, 2017, 16, 741-749.	10.2	136
31	The relationship of dystonia and choreoathetosis with activity, participation and quality of life in children and youth with dyskinetic cerebral palsy. <i>European Journal of Paediatric Neurology</i> , 2017, 21, 327-335.	1.6	29
32	Negative Influence of Motor Impairments on Upper Limb Movement Patterns in Children with Unilateral Cerebral Palsy. A Statistical Parametric Mapping Study. <i>Frontiers in Human Neuroscience</i> , 2017, 11, 482.	2.0	20
33	Structural Brain Damage and Upper Limb Kinematics in Children with Unilateral Cerebral Palsy. <i>Frontiers in Human Neuroscience</i> , 2017, 11, 607.	2.0	11
34	Clinical assessment and three-dimensional movement analysis: An integrated approach for upper limb evaluation in children with unilateral cerebral palsy. <i>PLoS ONE</i> , 2017, 12, e0180196.	2.5	30
35	Clinical patterns of dystonia and choreoathetosis in participants with dyskinetic cerebral palsy. <i>Developmental Medicine and Child Neurology</i> , 2016, 58, 138-144.	2.1	68
36	Voxel-based lesion-symptom mapping of stroke lesions underlying somatosensory deficits. <i>NeuroImage: Clinical</i> , 2016, 10, 257-266.	2.7	88

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37	Manual function outcome measures in children with developmental coordination disorder (DCD): Systematic review. <i>Research in Developmental Disabilities</i> , 2016, 55, 114-131.	2.2	16
38	Do mirror movements relate to hand function and timing of the brain lesion in children with unilateral cerebral palsy?. <i>Developmental Medicine and Child Neurology</i> , 2016, 58, 735-742.	2.1	42
39	Physical activity in chronic home-living and sub-acute hospitalized stroke patients using objective and self-reported measures. <i>Topics in Stroke Rehabilitation</i> , 2016, 23, 98-105.	1.9	20
40	Macrostructural and Microstructural Brain Lesions Relate to Gait Pathology in Children With Cerebral Palsy. <i>Neurorehabilitation and Neural Repair</i> , 2016, 30, 817-833.	2.9	17
41	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. <i>NeuroImage: Clinical</i> , 2015, 8, 104-109.	2.7	44
42	Functional and Motor Outcome 5 Years After Stroke Is Equivalent to Outcome at 2 Months. <i>Stroke</i> , 2015, 46, 1613-1619.	2.0	96
43	The Corticospinal Tract: A Biomarker to Categorize Upper Limb Functional Potential in Unilateral Cerebral Palsy. <i>Frontiers in Pediatrics</i> , 2015, 3, 112.	1.9	53
44	Is a Coded Physical Activity Diary Valid for Assessing Physical Activity Level and Energy Expenditure in Stroke Patients?. <i>PLoS ONE</i> , 2014, 9, e98735.	2.5	17
45	Changes in Corticomotor Excitability and Intracortical Inhibition of the Primary Motor Cortex Forearm Area Induced by Anodal tDCS. <i>PLoS ONE</i> , 2014, 9, e101496.	2.5	14
46	Effects of Intensive Whole-Body Vibration Training on Muscle Strength and Balance in Adults With Chronic Stroke: A Randomized Controlled Pilot Study. <i>Archives of Physical Medicine and Rehabilitation</i> , 2014, 95, 439-446.	0.9	76
47	Reliability of a novel, semi-quantitative scale for classification of structural brain magnetic resonance imaging in children with cerebral palsy. <i>Developmental Medicine and Child Neurology</i> , 2014, 56, 839-845.	2.1	66
48	How Do Somatosensory Deficits in the Arm and Hand Relate to Upper Limb Impairment, Activity, and Participation Problems After Stroke? A Systematic Review. <i>Physical Therapy</i> , 2014, 94, 1220-1231.	2.4	162
49	Altered trunk movements during gait in children with spastic diplegia: Compensatory or underlying trunk control deficit?. <i>Research in Developmental Disabilities</i> , 2014, 35, 2044-2052.	2.2	70
50	Randomized Trial of Modified Constraint-Induced Movement Therapy With and Without an Intensive Therapy Program in Children With Unilateral Cerebral Palsy. <i>Neurorehabilitation and Neural Repair</i> , 2013, 27, 799-807.	2.9	38
51	Six-Minute Walk Test: Reference Values and Prediction Equation in Healthy Boys Aged 5 to 12 Years. <i>PLoS ONE</i> , 2013, 8, e84120.	2.5	48
52	Upper limb impairments and their impact on activity measures in children with unilateral cerebral palsy. <i>European Journal of Paediatric Neurology</i> , 2012, 16, 475-484.	1.6	106
53	Upper limb kinematics: Development and reliability of a clinical protocol for children. <i>Gait and Posture</i> , 2011, 33, 279-285.	1.4	92
54	The reliability of upper limb kinematics in children with hemiplegic cerebral palsy. <i>Gait and Posture</i> , 2011, 33, 568-575.	1.4	79

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55	The Arm Profile Score: A new summary index to assess upper limb movement pathology. <i>Gait and Posture</i> , 2011, 34, 227-233.	1.4	56
56	Three-dimensional upper limb movement characteristics in children with hemiplegic cerebral palsy and typically developing children. <i>Research in Developmental Disabilities</i> , 2011, 32, 2283-2294.	2.2	86
57	Relation between neuroradiological findings and upper limb function in hemiplegic cerebral palsy. <i>European Journal of Paediatric Neurology</i> , 2010, 14, 169-177.	1.6	62
58	Early motor development in young children with 22q.11 deletion syndrome and a conotruncal heart defect. <i>Developmental Medicine and Child Neurology</i> , 2005, 47, 797-802.	2.1	0
59	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. <i>Stroke</i> , 2004, 35, 924-929.	2.0	151
60	Treatment of Erectile Dysfunction by Perineal Exercise, Electromyographic Biofeedback, and Electrical Stimulation. <i>Physical Therapy</i> , 2003, 83, 536-543.	2.4	56
61	Predicting motor recovery of the upper limb after stroke rehabilitation: value of a clinical examination. <i>Physiotherapy Research International</i> , 2000, 5, 1-18.	1.5	79