

Britta Hanssen

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

204
citations

1040056

9
h-index

1125743

13
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15
all docs

15
docs citations

15
times ranked

120
citing authors

#	ARTICLE	IF	CITATIONS
1	Reliability of a clinical 3D freehand ultrasound technique: Analyses on healthy and pathological muscles. <i>Computer Methods and Programs in Biomedicine</i> , 2018, 156, 97-103.	4.7	35
2	Medial gastrocnemius volume and echo-intensity after botulinum neurotoxin A interventions in children with spastic cerebral palsy. <i>Developmental Medicine and Child Neurology</i> , 2019, 61, 783-790.	2.1	33
3	Estimating medial gastrocnemius muscle volume in children with spastic cerebral palsy: a cross-sectional investigation. <i>Developmental Medicine and Child Neurology</i> , 2018, 60, 81-87.	2.1	24
4	Combining muscle morphology and neuromotor symptoms to explain abnormal gait at the ankle joint level in cerebral palsy. <i>Gait and Posture</i> , 2019, 68, 531-537.	1.4	17
5	The Contribution of Decreased Muscle Size to Muscle Weakness in Children With Spastic Cerebral Palsy. <i>Frontiers in Neurology</i> , 2021, 12, 692582.	2.4	16
6	Reliability of Processing 3-D Freehand Ultrasound Data to Define Muscle Volume and Echo-intensity in Pediatric Lower Limb Muscles with Typical Development or with Spasticity. <i>Ultrasound in Medicine and Biology</i> , 2021, 47, 2702-2712.	1.5	15
7	Can in Vivo Medial Gastrocnemius Muscle Tendon Unit Lengths be Reliably Estimated by Two Ultrasonography Methods? A Within-Session Analysis. <i>Ultrasound in Medicine and Biology</i> , 2018, 44, 110-118.	1.5	13
8	Reduced Cross-Sectional Muscle Growth Six Months after Botulinum Toxin Type-A Injection in Children with Spastic Cerebral Palsy. <i>Toxins</i> , 2022, 14, 139.	3.4	13
9	An innovative solution to reduce muscle deformation during ultrasonography data collection. <i>Journal of Biomechanics</i> , 2018, 77, 194-200.	2.1	12
10	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
11	Joint and Muscle Assessments of the Separate Effects of Botulinum NeuroToxin-A and Lower-Leg Casting in Children With Cerebral Palsy. <i>Frontiers in Neurology</i> , 2020, 11, 210.	2.4	7
12	Muscle Characteristics in Pediatric Hereditary Spastic Paraplegia vs. Bilateral Spastic Cerebral Palsy: An Exploratory Study. <i>Frontiers in Neurology</i> , 2021, 12, 635032.	2.4	6
13	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
14	O61: Are medial gastrocnemius and tibialis anterior morphology indicative of kinematic and kinetic impairment during gait in children with spastic cerebral palsy and a control group of typically developing peers?. <i>Gait and Posture</i> , 2017, 57, 106-107.	1.4	0
15	Can muscle morphology and internal composition of lower limb muscles explain strength and gait deficits in children with spastic cerebral palsy?. <i>Gait and Posture</i> , 2017, 57, 114-115.	1.4	0