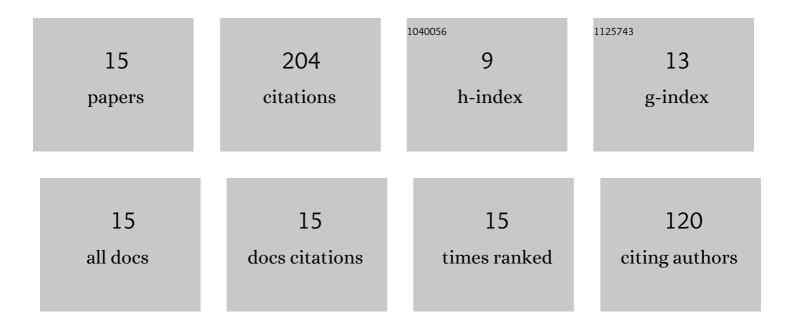
Britta Hanssen

List of Publications by Year in descending order

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| # | Article | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Reliability of a clinical 3D freehand ultrasound technique: Analyses on healthy and pathological muscles. Computer Methods and Programs in Biomedicine, 2018, 156, 97-103. | 4.7 | 35 |
| 2 | Medial gastrocnemius volume and echoâ€intensity after botulinum neurotoxin A interventions in children with spastic cerebral palsy. Developmental Medicine and Child Neurology, 2019, 61, 783-790. | 2.1 | 33 |
| 3 | Estimating medial gastrocnemius muscle volume in children with spastic cerebral palsy: a crossâ€sectional investigation. Developmental Medicine and Child Neurology, 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. Gait and Posture, 2019, 68, 531-537. | 1.4 | 17 |
| 5 | The Contribution of Decreased Muscle Size to Muscle Weakness in Children With Spastic Cerebral Palsy. Frontiers in Neurology, 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. Ultrasound in Medicine and Biology, 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. Ultrasound in Medicine and Biology, 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. Toxins, 2022, 14, 139. | 3.4 | 13 |
| 9 | An innovative solution to reduce muscle deformation during ultrasonography data collection. Journal of Biomechanics, 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. Frontiers in Sports and Active Living, 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. Frontiers in Neurology, 2020, 11, 210. | 2.4 | 7 |
| 12 | Muscle Characteristics in Pediatric Hereditary Spastic Paraplegia vs. Bilateral Spastic Cerebral Palsy: An Exploratory Study. Frontiers in Neurology, 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. European Journal of Physical and Rehabilitation Medicine, 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?. Gait and Posture, 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?. Gait and Posture, 2017, 57, 114-115. | 1.4 | О |