Bart Bartels

List of Publications by Year
in descending order

21 papers	547 citations	759233 12 h-index	752698 20 g-index
21 all docs	21 docs citations	21 times ranked	662 citing authors

#	Article	IF	Citations
1	Magnetic resonance reveals mitochondrial dysfunction and muscle remodelling in spinal muscular atrophy. Brain, 2022, 145, 1422-1435.	7.6	12
2	Multiâ€parametric quantitative magnetic resonance imaging of the upper arm muscles of patients with spinal muscular atrophy. NMR in Biomedicine, 2022, 35, e4696.	2.8	3
3	Natural history of respiratory muscle strength in spinal muscular atrophy: a prospective national cohort study. Orphanet Journal of Rare Diseases, 2022, 17, 70.	2.7	12
4	Motor Unit and Capillary Recruitment During Fatiguing Arm-Cycling Exercise in Spinal Muscular Atrophy Types 3 and 4. Journal of Neuromuscular Diseases, 2022, , 1-13.	2.6	1
5	Short-term effect of air stacking and mechanical insufflationâ€“exsufflation on lung function in patients with neuromuscular diseases. Chronic Respiratory Disease, 2022, 19, 147997312210946.	2.4	5
6	Correlates of Fatigability in Patients With Spinal Muscular Atrophy. Neurology, 2021, 96, e845-e852.	1.1	20
7	Motor unit reserve capacity in spinal muscular atrophy during fatiguing endurance performance. Clinical Neurophysiology, 2021, 132, 800-807.	1.5	4
8	Cardiopulmonary exercise testing in neuromuscular disease: a systematic review. Expert Review of Cardiovascular Therapy, 2021, 19, 975-991.	1.5	3
9	Quantitative MRI of skeletal muscle in a crossâ€sectional cohort of patients with spinal muscular atrophy types 2 and 3. NMR in Biomedicine, 2020, 33, e4357.	2.8	31
10	Muscle strength and motor function in adolescents and adults with spinal muscular atrophy. Neurology, 2020, 95, e1988-e1998.	1.1	44
11	Natural history of lung function in spinal muscular atrophy. Orphanet Journal of Rare Diseases, 2020, 15, 88.	2.7	56
12	Fatigability in spinal muscular atrophy: validity and reliability of endurance shuttle tests. Orphanet Journal of Rare Diseases, 2020, 15, 75.	2.7	22
13	Natural course of scoliosis and lifetime risk of scoliosis surgery in spinal muscular atrophy. Neurology, 2019, 93, e149-e158.	1.1	45
14	Assessment of fatigability in patients with spinal muscular atrophy: development and content validity of a set of endurance tests. BMC Neurology, 2019, 19, 21.	1.8	27
15	Physical exercise training for type 3 spinal muscular atrophy. The Cochrane Library, 2019, 2019, CD012120.	2.8	26
16	Protocol for a phase II, monocentre, double-blind, placebo-controlled, cross-over trial to assess efficacy of pyridostigmine in patients with spinal muscular atrophy types 2â€“4 (SPACE trial). BMJ Open, 2018, 8, e019932.	1.9	31
17	A continuous repetitive task to detect fatigability in spinal muscular atrophy. Orphanet Journal of Rare Diseases, 2018, 13, 160.	2.7	17
18	Consensus statement on physical rehabilitation in children and adolescents with osteogenesis imperfecta. Orphanet Journal of Rare Diseases, 2018, 13, 158.	2.7	55

#	Article	IF	Citations
19	Cardiopulmonary Exercise Testing in Children and Adolescents With Dystrophinopathies. Pediatric Physical Therapy, 2015, 27, 227-234.	0.6	8
20	The Six-Minute Walk Test in Chronic Pediatric Conditions: A Systematic Review of Measurement Properties. Physical Therapy, 2013, 93, 529-541.	2.4	125
21	Pain Assessment and Management in Children With Neurologic Impairment. Pediatric Physical Therapy, 2010, 22, 336.	0.6	0