Lars G. Hvid

List of Publications by Year in Descending Order

66 papers	1,606 citations	18 h-index	39 g-index
73 ext. papers	2,044 ext. citations	4.4 avg, IF	4.86 L-index

#	Paper	IF	Citations
66	Effects of Resistance Training Cessation on Cycling Performance in Well-Trained Cyclists: An Exploratory Study.. *Journal of Strength and Conditioning Research*, **2022**, 36, 796-804	3.2	1
65	Physical exercise in multiple sclerosis is not just a symptomatic therapy, it has a disease-modifying effect: Commentary.. *Multiple Sclerosis Journal*, **2022**, 13524585211072702	5	1
64	Investigating the potential disease-modifying and neuroprotective efficacy of exercise therapy early in the disease course of multiple sclerosis: The Early Multiple Sclerosis Exercise Study (EMSES).. *Multiple Sclerosis Journal*, **2022**, 13524585221079200	5	1
63	Objectively assessed physiological, physical, and cognitive function along with patient-reported outcomes during the first 2 years of Alemtuzumab treatment in multiple sclerosis: a prospective observational study.. *Journal of Neurology*, **2022**, 1	5.5	1
62	The expression of HSP70 in skeletal muscle is not associated with glycogen availability during recovery following prolonged exercise in elite endurance athletes.. *European Journal of Applied Physiology*, **2022**, 1	3.4	
61	Implications of lower extremity muscle power and force for walking and fatigability in multiple sclerosis An exploratory pilot-study. *Clinical Biomechanics*, **2022**, 105668	2.2	
60	Efficacy of High-Intensity Aerobic Exercise on Brain MRI Measures in Multiple Sclerosis. *Neurology*, **2021**, 96, e203-e213	6.5	16
59	Time matters: Early-phase multiple sclerosis is accompanied by considerable impairments across multiple domains. *Multiple Sclerosis Journal*, **2021**, 27, 1477-1485	5	5
58	Effects of Exercise Training on Neurotrophic Factors and Subsequent Neuroprotection in Persons with Multiple Sclerosis-A Systematic Review and Meta-Analysis. *Brain Sciences*, **2021**, 11,	3.4	3
57	Efficacy of high-intensity aerobic exercise on common multiple sclerosis symptoms. *Acta Neurologica Scandinavica*, **2021**,	3.8	1
56	Effects of blood-flow restricted resistance training on mechanical muscle function and thigh lean mass in sIBM patients. *Scandinavian Journal of Medicine and Science in Sports*, **2021**,	4.6	1
55	Efficacy of high-intensity aerobic exercise on cognitive performance in people with multiple sclerosis: A randomized controlled trial. *Multiple Sclerosis Journal*, **2021**, 27, 1585-1596	5	10
54	A Critical Systematic Review of Current Evidence on the Effects of Physical Exercise on Whole/Regional Grey Matter Brain Volume in Populations at Risk of Neurodegeneration. *Sports Medicine*, **2021**, 51, 1651-1671	10.6	9
53	Is maximal muscle strength and fatigability of three lower limb muscle groups associated with walking capacity and fatigability in multiple sclerosis? An exploratory study. *Multiple Sclerosis and Related Disorders*, **2021**, 50, 102841	4	0
52	Comparison Between Isometric and Concentric Motor Fatigability in Persons With Multiple Sclerosis and Healthy Controls - exploring central and peripheral contributions of motor fatigability. *Neurorehabilitation and Neural Repair*, **2021**, 35, 644-653	4.7	1
51	Associations between fatigue impact and lifestyle factors in people with multiple sclerosis - The Danish MS hospitals rehabilitation study. *Multiple Sclerosis and Related Disorders*, **2021**, 50, 102799	4	2
50	Contractile Properties of MHC I and II Fibers From Highly Trained Arm and Leg Muscles of Cross-Country Skiers. *Frontiers in Physiology*, **2021**, 12, 682943	4.6	3

49	Physical activity is associated with neuromuscular and physical function in patients with multiple sclerosis independent of disease severity. *Disability and Rehabilitation*, **2021**, 43, 632-639	2.4	14
48	Personalised inpatient multidisciplinary rehabilitation elicits clinically relevant improvements in physical function in patients with multiple sclerosis - The Danish MS Hospitals Rehabilitation Study. *Multiple Sclerosis Journal - Experimental, Translational and Clinical*, **2021**, 7, 2055217321989384	2	0
47	Does physical performance and muscle strength predict future personal and nursing care services in community-dwelling older adults aged 75+?. *Scandinavian Journal of Public Health*, **2021**, 49, 441-448	3	0
46	Associations between objectively measured physical activity, sedentary behaviour and time in bed among 75+ community-dwelling Danish older adults. *BMC Geriatrics*, **2021**, 21, 53	4.1	3
45	Predicting long walking capacity from the timed 25-foot walk test in persons with multiple sclerosis - a potential simple aid to assist ambulation scoring?. *Multiple Sclerosis and Related Disorders*, **2021**, 48, 102706	4	
44	Lower extremity muscle power - A critical determinant of physical function in aging and multiple sclerosis. *Experimental Gerontology*, **2021**, 150, 111347	4.5	4
43	Is Aerobic or Resistance Training the Most Effective Exercise Modality for Improving Lower Extremity Physical Function and Perceived Fatigue in People With Multiple Sclerosis? A Systematic Review and Meta-analysis. *Archives of Physical Medicine and Rehabilitation*, **2021**, 102, 2032-2048	2.8	11
42	Study protocol: randomised controlled trial evaluating exercise therapy as a supplemental treatment strategy in early multiple sclerosis: the Early Multiple Sclerosis Exercise Study (EMSES). *BMJ Open*, **2021**, 11, e043699	3	4
41	Neurophysiological impairments in multiple sclerosis-Central and peripheral motor pathways. *Acta Neurologica Scandinavica*, **2020**, 142, 401-417	3.8	11
40	A Head-to-Head Comparison of an Isometric and a Concentric Fatigability Protocol and the Association With Fatigue and Walking in Persons With Multiple Sclerosis. *Neurorehabilitation and Neural Repair*, **2020**, 34, 523-532	4.7	8
39	Accelerated Trajectories of Walking Capacity Across the Adult Life Span in Persons With Multiple Sclerosis: An Underrecognized Challenge. *Neurorehabilitation and Neural Repair*, **2020**, 34, 360-369	4.7	8
38	Moving exercise research in multiple sclerosis forward (the MoXFo initiative): Developing consensus statements for research. *Multiple Sclerosis Journal*, **2020**, 26, 1303-1308	5	23
37	Effects of Autograft Types on Muscle Strength and Functional Capacity in Patients Having Anterior Cruciate Ligament Reconstruction: A Randomized Controlled Trial. *Sports Medicine*, **2020**, 50, 1393-1403	10.6	14
36	The importance of lower-extremity muscle strength for lower-limb functional capacity in multiple sclerosis: Systematic review. *Annals of Physical and Rehabilitation Medicine*, **2020**, 63, 123-137	3.8	25
35	Is progressive resistance training feasible in patients with symptomatic external snapping hip?. *Physiotherapy Theory and Practice*, **2020**, 1-13	1.5	1
34	Lower extremity muscle strength across the adult lifespan in multiple sclerosis: Implications for walking and stair climbing capacity. *Experimental Gerontology*, **2020**, 139, 111025	4.5	4
33	Effects of plyometric training on jumping, sprint performance, and lower body muscle strength in healthy adults: A systematic review and meta-analyses. *Scandinavian Journal of Medicine and Science in Sports*, **2019**, 29, 1453-1465	4.6	15
32	Plasma brain-derived neurotrophic factor (BDNF) and sphingosine-1-phosphat (S1P) are NOT the main mediators of neuroprotection induced by resistance training in persons with multiple sclerosis-A randomized controlled trial. *Multiple Sclerosis and Related Disorders*, **2019**, 31, 106-111	4	13

31	Can we trust self-reported walking distance when determining EDSS scores in patients with multiple sclerosis? The Danish MS hospitals rehabilitation study. *Multiple Sclerosis Journal*, **2019**, 25, 1653-1660	5	10
30	Concentric strength training at optimal or short muscle length improves strength equally but does not reduce fatigability of hamstring muscles. *Physiological Reports*, **2019**, 7, e14196	2.6	2
29	Exercise as Medicine in Multiple Sclerosis-Time for a Paradigm Shift: Preventive, Symptomatic, and Disease-Modifying Aspects and Perspectives. *Current Neurology and Neuroscience Reports*, **2019**, 19, 88	6.6	76
28	A cross-sectional study on the relationship between cardiorespiratory fitness, disease severity and walking speed in persons with Multiple Sclerosis. *Multiple Sclerosis and Related Disorders*, **2019**, 29, 35-40	4	3
27	Plasticity in central neural drive with short-term disuse and recovery - effects on muscle strength and influence of aging. *Experimental Gerontology*, **2018**, 106, 145-153	4.5	8
26	Impact of musculoskeletal pain on balance and concerns of falling in mobility-limited, community-dwelling Danes over 75 years of age: a cross-sectional study. *Aging Clinical and Experimental Research*, **2018**, 30, 969-975	4.8	5
25	Is there an overlooked "window of opportunity" in MS exercise therapy? Perspectives for early MS rehabilitation. *Multiple Sclerosis Journal*, **2018**, 24, 886-894	5	38
24	Aerobic Capacity Is Not Associated with Most Cognitive Domains in Patients with Multiple Sclerosis-A Cross-Sectional Investigation. *Journal of Clinical Medicine*, **2018**, 7,	5.1	11
23	Physical function and muscle strength in sporadic inclusion body myositis. *Muscle and Nerve*, **2017**, 56, E50-E58	3.4	7
22	Brain-derived neurotrophic factor (BDNF) serum basal levels is not affected by power training in mobility-limited older adults - A randomized controlled trial. *Experimental Gerontology*, **2017**, 93, 29-35	4.5	11
21	SPARC Interacts with Actin in Skeletal Muscle in Vitro and in Vivo. *American Journal of Pathology*, **2017**, 187, 457-474	5.8	18
20	Muscle strength and power in persons with multiple sclerosis - A systematic review and meta-analysis. *Journal of the Neurological Sciences*, **2017**, 376, 225-241	3.2	60
19	Testosterone therapy preserves muscle strength and power in aging men with type 2 diabetes-a randomized controlled trial. *Andrology*, **2017**, 5, 946-953	4.2	14
18	Myosin content of single muscle fibers following short-term disuse and active recovery in young and old healthy men. *Experimental Gerontology*, **2017**, 87, 100-107	4.5	13
17	Influence of Resistance Training on Neuromuscular Function and Physical Capacity in ALS Patients. *Journal of Neurodegenerative Diseases*, **2017**, 2017, 1436519		5
16	Repeated high-intensity exercise modulates Ca(2+) sensitivity of human skeletal muscle fibers. *Scandinavian Journal of Medicine and Science in Sports*, **2016**, 26, 488-97	4.6	20
15	Neck pain, concerns of falling and physical performance in community-dwelling Danish citizens over 75 years of age: A cross-sectional study. *Scandinavian Journal of Public Health*, **2016**, 44, 695-701	3	5
14	Voluntary muscle activation improves with power training and is associated with changes in gait speed in mobility-limited older adults - A randomized controlled trial. *Experimental Gerontology*, **2016**, 80, 51-6	4.5	35

13	Muscle glycogen content modifies SR Ca2+ release rate in elite endurance athletes. *Medicine and Science in Sports and Exercise*, **2014**, 46, 496-505	1.2	55
12	Aging impairs the recovery in mechanical muscle function following 4 days of disuse. *Experimental Gerontology*, **2014**, 52, 1-8	4.5	70
11	Four days of muscle disuse impairs single fiber contractile function in young and old healthy men. *Experimental Gerontology*, **2013**, 48, 154-61	4.5	43
10	Ageing is associated with diminished muscle re-growth and myogenic precursor cell expansion early after immobility-induced atrophy in human skeletal muscle. *Journal of Physiology*, **2013**, 591, 3789-804	3.9	106
9	Transient impairments in single muscle fibre contractile function after prolonged cycling in elite endurance athletes. *Acta Physiologica*, **2013**, 208, 265-73	5.6	10
8	Proliferation of myogenic stem cells in human skeletal muscle in response to low-load resistance training with blood flow restriction. *Journal of Physiology*, **2012**, 590, 4351-61	3.9	147
7	The effects of immobilization on the mechanical properties of the patellar tendon in younger and older men. *Clinical Biomechanics*, **2012**, 27, 949-54	2.2	42
6	Aging affects the transcriptional regulation of human skeletal muscle disuse atrophy. *PLoS ONE*, **2012**, 7, e51238	3.7	110
5	Effects of ageing on single muscle fibre contractile function following short-term immobilisation. *Journal of Physiology*, **2011**, 589, 4745-57	3.9	59
4	Effects of aging on muscle mechanical function and muscle fiber morphology during short-term immobilization and subsequent retraining. *Journal of Applied Physiology*, **2010**, 109, 1628-34	3.7	123
3	Subcellular localization-dependent decrements in skeletal muscle glycogen and mitochondria content following short-term disuse in young and old men. *American Journal of Physiology - Endocrinology and Metabolism*, **2010**, 299, E1053-60	6	38
2	Effects of aging on human skeletal muscle after immobilization and retraining. *Journal of Applied Physiology*, **2009**, 107, 1172-80	3.7	240
1	Test-Retest Reliability of Muscle Strength and Physical Function Tests in 69-Year-old Children. *Measurement in Physical Education and Exercise Science*,1-9	1.9	3