

Tommy Lundberg

List of Publications by Year in descending order

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Version: 2024-02-01

42
papers

1,149
citations

394421

19
h-index

395702

33
g-index

46
all docs

46
docs citations

46
times ranked

1435
citing authors

#	ARTICLE	IF	CITATIONS
1	Functional improvements to 6Âmonths of physical activity are not related to changes in size or density of multiple lower-extremity muscles in mobility-limited older individuals. <i>Experimental Gerontology</i> , 2022, 157, 111631.	2.8	3
2	Compatibility of Concurrent Aerobic and Strength Training for Skeletal Muscle Size and Function: An Updated Systematic Review and Meta-Analysis. <i>Sports Medicine</i> , 2022, 52, 601-612.	6.5	44
3	Assessment of anterior thigh muscle size and fat infiltration using single-slice CT imaging versus automated MRI analysis in adults. <i>British Journal of Radiology</i> , 2022, 95, 20211094.	2.2	2
4	The Effects of Concurrent Aerobic and Strength Training on Muscle Fiber Hypertrophy: A Systematic Review and Meta-Analysis. <i>Sports Medicine</i> , 2022, 52, 2391-2403.	6.5	14
5	Transgender Women in the Female Category of Sport: Perspectives on Testosterone Suppression and Performance Advantage. <i>Sports Medicine</i> , 2021, 51, 199-214.	6.5	79
6	The Impact of Coronavirus (COVID-19) Related Public-Health Measures on Training Behaviours of Individuals Previously Participating in Resistance Training: A Cross-Sectional Survey Study. <i>Sports Medicine</i> , 2021, 51, 1561-1580.	6.5	23
7	Thresholdâ€automated CT measurements of muscle size and radiological attenuation in multiple lowerâ€extremity muscles of older individuals. <i>Clinical Physiology and Functional Imaging</i> , 2020, 40, 165-172.	1.2	6
8	Muscle Strength, Size, and Composition Following 12 Months of Gender-affirming Treatment in Transgender Individuals. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020, 105, e805-e813.	3.6	60
9	Early accentuated muscle hypertrophy is strongly associated with myonuclear accretion. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2020, 319, R50-R58.	1.8	13
10	Reply to Egginton et al.: The utility of the Muscle2View pipeline to quantify the capillary-to-muscle fiber interface. <i>Journal of Applied Physiology</i> , 2020, 128, 460-461.	2.5	0
11	Three months of bed rest induce a residual transcriptomic signature resilient to resistance exercise countermeasures. <i>FASEB Journal</i> , 2020, 34, 7958-7969.	0.5	33
12	Automated assessment of regional muscle volume and hypertrophy using MRI. <i>Scientific Reports</i> , 2020, 10, 2239.	3.3	18
13	Muscle2View, a CellProfiler pipeline for detection of the capillary-to-muscle fiber interface and high-content quantification of fiber type-specific histology. <i>Journal of Applied Physiology</i> , 2019, 127, 1698-1709.	2.5	24
14	Fibre hypertrophy, satellite cell and myonuclear adaptations to resistance training: Have very old individuals reached the ceiling for muscle fibre plasticity?. <i>Acta Physiologica</i> , 2019, 227, e13287.	3.8	2
15	Healthy skeletal muscle aging: The role of satellite cells, somatic mutations and exercise. <i>International Review of Cell and Molecular Biology</i> , 2019, 346, 157-200.	3.2	10
16	Skeletal muscle signaling responses to resistance exercise of the elbow extensors are not compromised by a preceding bout of aerobic exercise. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2019, 317, R83-R92.	1.8	10
17	Concurrent Exercise of the Arm Extensors Modulates Anabolic Signaling and Gene Expression for Ribosome Biogenesis. <i>Medicine and Science in Sports and Exercise</i> , 2019, 51, 145-146.	0.4	0
18	The Skeletal Muscle Transcriptome Signature of 84-day Bed Rest and its Reversal by Resistance Exercise. <i>Medicine and Science in Sports and Exercise</i> , 2019, 51, 146-146.	0.4	0

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19	Long-Term Effects of Supplementary Aerobic Training on Muscle Hypertrophy. , 2019, , 167-180.		1
20	Regional and muscle-specific adaptations in knee extensor hypertrophy using flywheel versus conventional weight-stack resistance exercise. Applied Physiology, Nutrition and Metabolism, 2019, 44, 827-833.	1.9	21
21	Oxidative hotspots on actin promote skeletal muscle weakness in rheumatoid arthritis. JCI Insight, 2019, 4, .	5.0	23
22	Metabolic and functional changes in transgender individuals following cross-sex hormone treatment: Design and methods of the Gender Dysphoria Treatment in Sweden (GETS) study. Contemporary Clinical Trials Communications, 2018, 10, 148-153.	1.1	27
23	High doses of anti-inflammatory drugs compromise muscle strength and hypertrophic adaptations to resistance training in young adults. Acta Physiologica, 2018, 222, e12948.	3.8	52
24	A Preceding Bout of Endurance Exercise Decreases Peak Power of the Arm Extensor Muscles. Medicine and Science in Sports and Exercise, 2018, 50, 787-788.	0.4	0
25	Analgesic and anti-inflammatory drugs in sports: Implications for exercise performance and training adaptations. Scandinavian Journal of Medicine and Science in Sports, 2018, 28, 2252-2262.	2.9	56
26	Changes in Muscle Strength Following Cross-sex Hormone Treatment in Transgender Individuals. Medicine and Science in Sports and Exercise, 2018, 50, 600.	0.4	0
27	High versus Low doses of Anti-inflammatory Drugs Do Not Differentially Affect Muscle Molecular Response to Acute Resistance Exercise. Medicine and Science in Sports and Exercise, 2018, 50, 488.	0.4	0
28	Human Skeletal Muscle Lipid Mediator Responses to Resistance Exercise and Anti-inflammatory Drugs. Medicine and Science in Sports and Exercise, 2018, 50, 112-113.	0.4	0
29	Resistance Exercise Attenuates Mitochondrial Function. Medicine and Science in Sports and Exercise, 2017, 49, 329.	0.4	0
30	Fixture congestion modulates post-match recovery kinetics in professional soccer players. Research in Sports Medicine, 2017, 25, 408-420.	1.3	15
31	Clinical Applications of Iso-Inertial, Eccentric-Overload (YoYo®,) Resistance Exercise. Frontiers in Physiology, 2017, 8, 241.	2.8	97
32	Resistance Training with Co-ingestion of Anti-inflammatory Drugs Attenuates Mitochondrial Function. Frontiers in Physiology, 2017, 8, 1074.	2.8	9
33	Aerobic Exercise Augments the Muscle Transcriptome Profile of Subsequent Resistance Exercise. Medicine and Science in Sports and Exercise, 2016, 48, 16.	0.4	1
34	Unilateral lower limb suspension: From subject selection to "omic" responses. Journal of Applied Physiology, 2016, 120, 1207-1214.	2.5	28
35	Aerobic exercise augments muscle transcriptome profile of resistance exercise. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2016, 310, R1279-R1287.	1.8	33
36	Muscle damage responses and adaptations to eccentric-overload resistance exercise in men and women. European Journal of Applied Physiology, 2014, 114, 1075-1084.	2.5	98

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37	Truncated splice variant PGC-1 β is not associated with exercise-induced human muscle hypertrophy. <i>Acta Physiologica</i> , 2014, 212, 142-151.	3.8	42
38	Exercise-induced AMPK activation does not interfere with muscle hypertrophy in response to resistance training in men. <i>Journal of Applied Physiology</i> , 2014, 116, 611-620.	2.5	67
39	Acute molecular responses in untrained and trained muscle subjected to aerobic and resistance exercise training versus resistance training alone. <i>Acta Physiologica</i> , 2013, 209, 283-294.	3.8	53
40	Aerobic exercise does not compromise muscle hypertrophy response to short-term resistance training. <i>Journal of Applied Physiology</i> , 2013, 114, 81-89.	2.5	109
41	Aerobic Exercise Alters Skeletal Muscle Molecular Responses to Resistance Exercise. <i>Medicine and Science in Sports and Exercise</i> , 2012, 44, 1680-1688.	0.4	66
42	A Single Bout of Aerobic Exercise Compromises Down-regulation of MuRF Expression Subsequent to Resistance Exercise. <i>Medicine and Science in Sports and Exercise</i> , 2011, 43, 42.	0.4	0