

Kristian Vissing

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66

papers

2,161

citations

27

h-index

44

g-index

69

ext. papers

2,530

ext. citations

4.2

avg, IF

4.97

L-index

#	Paper	IF	Citations
66	Multiple sclerosis and progressive resistance training: a systematic review. <i>Multiple Sclerosis Journal</i> , 2012 , 18, 1215-28	5	161
65	Maximal eccentric exercise induces a rapid accumulation of small heat shock proteins on myofibrils and a delayed HSP70 response in humans. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2007 , 293, R844-53	3.2	111
64	Blood flow restricted and traditional resistance training performed to fatigue produce equal muscle hypertrophy. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2015 , 25, 754-63	4.6	108
63	Caspase 3 expression correlates with skeletal muscle apoptosis in Duchenne and facioscapulo human muscular dystrophy. A potential target for pharmacological treatment?. <i>Journal of Neuropathology and Experimental Neurology</i> , 2001 , 60, 302-12	3.1	99
62	Are exercise-induced genes induced by exercise?. <i>FASEB Journal</i> , 2005 , 19, 94-6	0.9	84
61	Muscle adaptations to plyometric vs. resistance training in untrained young men. <i>Journal of Strength and Conditioning Research</i> , 2008 , 22, 1799-810	3.2	74
60	Sex differences in hormone-sensitive lipase expression, activity, and phosphorylation in skeletal muscle at rest and during exercise. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2006 , 291, E1106-14	6	74
59	Differentiated mTOR but not AMPK signaling after strength vs endurance exercise in training-accustomed individuals. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2013 , 23, 355-66	4.6	68
58	Whey protein hydrolysate augments tendon and muscle hypertrophy independent of resistance exercise contraction mode. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2014 , 24, 788-98	4.6	67
57	Can resistance training impact MRI outcomes in relapsing-remitting multiple sclerosis?. <i>Multiple Sclerosis Journal</i> , 2018 , 24, 1356-1365	5	60
56	Impact of Resistance Training on Skeletal Muscle Mitochondrial Biogenesis, Content, and Function. <i>Frontiers in Physiology</i> , 2017 , 8, 713	4.6	56
55	Neuromuscular adaptations to long-term progressive resistance training translates to improved functional capacity for people with multiple sclerosis and is maintained at follow-up. <i>Multiple Sclerosis Journal</i> , 2015 , 21, 599-611	5	55
54	Muscle morphological and strength adaptations to endurance vs. resistance training. <i>Journal of Strength and Conditioning Research</i> , 2012 , 26, 398-407	3.2	54
53	Whey protein supplementation accelerates satellite cell proliferation during recovery from eccentric exercise. <i>Amino Acids</i> , 2014 , 46, 2503-16	3.5	51
52	Influence of exercise contraction mode and protein supplementation on human skeletal muscle satellite cell content and muscle fiber growth. <i>Journal of Applied Physiology</i> , 2014 , 117, 898-909	3.7	50
51	Simplified data access on human skeletal muscle transcriptome responses to differentiated exercise. <i>Scientific Data</i> , 2014 , 1, 140041	8.2	46
50	Effects of concentric and repeated eccentric exercise on muscle damage and calpain-calpastatin gene expression in human skeletal muscle. <i>European Journal of Applied Physiology</i> , 2008 , 103, 323-32	3.4	46

49	Expression patterns of atrogenic and ubiquitin proteasome component genes with exercise: effect of different loading patterns and repeated exercise bouts. <i>Journal of Applied Physiology</i> , 2007 , 103, 1513-1522	3.7	45
48	Relationship between muscle strength parameters and functional capacity in persons with mild to moderate degree multiple sclerosis. <i>Multiple Sclerosis and Related Disorders</i> , 2015 , 4, 151-8	4	43
47	Muscle damage and repeated bout effect following blood flow restricted exercise. <i>European Journal of Applied Physiology</i> , 2016 , 116, 513-25	3.4	43
46	Regulation of ubiquitin proteasome pathway molecular markers in response to endurance and resistance exercise and training. <i>Pflugers Archiv European Journal of Physiology</i> , 2015 , 467, 1523-1537	4.6	38
45	Body position influences arterial occlusion pressure: implications for the standardization of pressure during blood flow restricted exercise. <i>European Journal of Applied Physiology</i> , 2018 , 118, 303-312	3.4	38
44	Effects of divergent resistance exercise contraction mode and dietary supplementation type on anabolic signalling, muscle protein synthesis and muscle hypertrophy. <i>Amino Acids</i> , 2014 , 46, 2377-92	3.5	34
43	No Superior Adaptations to Carbohydrate Periodization in Elite Endurance Athletes. <i>Medicine and Science in Sports and Exercise</i> , 2017 , 49, 2486-2497	1.2	31
42	Heat shock protein translocation and expression response is attenuated in response to repeated eccentric exercise. <i>Acta Physiologica</i> , 2009 , 196, 283-93	5.6	30
41	Effect of sex differences on human MEF2 regulation during endurance exercise. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2008 , 294, E408-15	6	27
40	Skeletal Muscle Mitochondrial Protein Synthesis and Respiration Increase With Low-Load Blood Flow Restricted as Well as High-Load Resistance Training. <i>Frontiers in Physiology</i> , 2018 , 9, 1796	4.6	27
39	Acute and chronic cytokine responses to resistance exercise and training in people with multiple sclerosis. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2016 , 26, 824-34	4.6	26
38	Influence of divergent exercise contraction mode and whey protein supplementation on atrogen-1, MuRF1, and FOXO1/3A in human skeletal muscle. <i>Journal of Applied Physiology</i> , 2014 , 116, 1491-502	3.7	25
37	Small heat shock proteins translocate to the cytoskeleton in human skeletal muscle following eccentric exercise independently of phosphorylation. <i>Journal of Applied Physiology</i> , 2014 , 116, 1463-72	3.7	24
36	Non-failure blood flow restricted exercise induces similar muscle adaptations and less discomfort than failure protocols. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2019 , 29, 336-347	4.6	24
35	Heat sensitive persons with multiple sclerosis are more tolerant to resistance exercise than to endurance exercise. <i>Multiple Sclerosis Journal</i> , 2013 , 19, 932-40	5	23
34	Pericyte response to contraction mode-specific resistance exercise training in human skeletal muscle. <i>Journal of Applied Physiology</i> , 2015 , 119, 1053-63	3.7	22
33	Mechanosensitive Molecular Networks Involved in Transducing Resistance Exercise-Signals into Muscle Protein Accretion. <i>Frontiers in Physiology</i> , 2016 , 7, 547	4.6	22
32	Effect of resistance exercise contraction mode and protein supplementation on members of the STARS signalling pathway. <i>Journal of Physiology</i> , 2013 , 591, 3749-63	3.9	21

31	Whole body metabolic effects of prolonged endurance training in combination with erythropoietin treatment in humans: a randomized placebo controlled trial. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2013 , 305, E879-89	6	21
30	Activation of skeletal muscle calpain-3 by eccentric exercise in humans does not result in its translocation to the nucleus or cytosol. <i>Journal of Applied Physiology</i> , 2011 , 111, 1448-58	3.7	21
29	Impact of blood flow-restricted bodyweight exercise on skeletal muscle adaptations. <i>Clinical Physiology and Functional Imaging</i> , 2018 , 38, 965	2.4	19
28	No differential effects of divergent isocaloric supplements on signaling for muscle protein turnover during recovery from muscle-damaging eccentric exercise. <i>Amino Acids</i> , 2015 , 47, 767-78	3.5	19
27	Concomitant changes in cross-sectional area and water content in skeletal muscle after resistance exercise. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2014 , 24, e260-8	4.6	18
26	Six Weeks of Low-Load Blood Flow Restricted and High-Load Resistance Exercise Training Produce Similar Increases in Cumulative Myofibrillar Protein Synthesis and Ribosomal Biogenesis in Healthy Males. <i>Frontiers in Physiology</i> , 2019 , 10, 649	4.6	17
25	Contraction mode and whey protein intake affect the synthesis rate of intramuscular connective tissue. <i>Muscle and Nerve</i> , 2017 , 55, 128-130	3.4	17
24	Resistance exercise, but not endurance exercise, induces IKK β phosphorylation in human skeletal muscle of training-accustomed individuals. <i>Pflügers Archiv European Journal of Physiology</i> , 2013 , 465, 1785-95	4.6	16
23	Gene expression of myogenic factors and phenotype-specific markers in electrically stimulated muscle of paraplegics. <i>Journal of Applied Physiology</i> , 2005 , 99, 164-72	3.7	16
22	Effect of Blood Flow Restricted Resistance Exercise and Remote Ischemic Conditioning on Functional Capacity and Myocellular Adaptations in Patients With Heart Failure. <i>Circulation: Heart Failure</i> , 2019 , 12, e006427	7.6	16
21	Blood flow-restricted resistance exercise alters the surface profile, miRNA cargo and functional impact of circulating extracellular vesicles. <i>Scientific Reports</i> , 2020 , 10, 5835	4.9	16
20	Associated decrements in rate of force development and neural drive after maximal eccentric exercise. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2016 , 26, 498-506	4.6	15
19	Erythropoietin administration alone or in combination with endurance training affects neither skeletal muscle morphology nor angiogenesis in healthy young men. <i>Experimental Physiology</i> , 2014 , 99, 1409-20	2.4	13
18	The acute response of pericytes to muscle-damaging eccentric contraction and protein supplementation in human skeletal muscle. <i>Journal of Applied Physiology</i> , 2015 , 119, 900-7	3.7	12
17	Skeletal muscle stem cell characteristics and myonuclei content in patients with rheumatoid arthritis: a cross-sectional study. <i>Rheumatology International</i> , 2018 , 38, 1031-1041	3.6	12
16	Effect of degree of hydrolysis of whey protein on in vivo plasma amino acid appearance in humans. <i>SpringerPlus</i> , 2016 , 5, 382		12
15	Effect of protein quality on recovery after intense resistance training. <i>European Journal of Applied Physiology</i> , 2016 , 116, 2225-2236	3.4	10
14	Subcellular fractionation reveals HSP72 does not associate with SERCA in human skeletal muscle following damaging eccentric and concentric exercise. <i>Journal of Applied Physiology</i> , 2014 , 116, 1503-11	3.7	9

13	Enhanced Glycogen Storage of a Subcellular Hot Spot in Human Skeletal Muscle during Early Recovery from Eccentric Contractions. <i>PLoS ONE</i> , 2015 , 10, e0127808	3.7	9
12	Regulation of the STARS signaling pathway in response to endurance and resistance exercise and training. <i>Pflugers Archiv European Journal of Physiology</i> , 2013 , 465, 1317-25	4.6	8
11	Changes in metabolism but not myocellular signaling by training with CHO-restriction in endurance athletes. <i>Physiological Reports</i> , 2018 , 6, e13847	2.6	8
10	Activation of mTORC1 signalling in rat skeletal muscle is independent of the EC-coupling sequence but dependent on tension per se in a dose-response relationship. <i>Acta Physiologica</i> , 2019 , 227, e13336	5.6	7
9	Exercise-dependent increases in protein synthesis are accompanied by chromatin modifications and increased MRTF-SRF signalling. <i>Acta Physiologica</i> , 2020 , 230, e13496	5.6	7
8	Ten weeks of aerobic training does not result in persistent changes in VLDL triglyceride turnover or oxidation in healthy men. <i>European Journal of Endocrinology</i> , 2014 , 171, 603-13	6.5	7
7	Utilization of biomarkers as predictors of skeletal muscle mitochondrial content after physiological intervention and in clinical settings. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2020 , 318, E886-E889	6	6
6	Comparative Effects of Aerobic Training and Erythropoietin on Oxygen Uptake in Untrained Humans. <i>Journal of Strength and Conditioning Research</i> , 2016 , 30, 2307-17	3.2	5
5	Concomitant excitation and tension development are required for myocellular gene expression and protein synthesis in rat skeletal muscle. <i>Acta Physiologica</i> , 2021 , 231, e13540	5.6	5
4	Mitochondrial Structure and Function in the Metabolic Myopathy Accompanying Patients with Critical Limb Ischemia. <i>Cells</i> , 2020 , 9,	7.9	4
3	Myocellular Adaptations to Low-Load Blood Flow Restricted Resistance Training. <i>Exercise and Sport Sciences Reviews</i> , 2020 , 48, 180-187	6.7	3
2	AMPK vs mTORC1 signaling: genuine exercise effects of differentiated exercise in humans. Response to letter to editor by Dr A. K. Yamada. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2012 , 22, 580-1	4.6	2
1	Skeletal muscle phenotype signaling with ex vivo endurance-type dynamic contractions in rat muscle. <i>Journal of Applied Physiology</i> , 2021 , 131, 45-55	3.7	1