Maarit Lehti

List of Publications by Year in descending order

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39 papers	1,356 citations	304743 22 h-index	501196 28 g-index
42 all docs	42 docs citations	42 times ranked	2616 citing authors

#	Article	IF	Citations
1	Stimuli and sensors that initiate skeletal muscle hypertrophy following resistance exercise. Journal of Applied Physiology, 2019, 126, 30-43.	2.5	180
2	Effects of experimental type 1 diabetes and exercise training on angiogenic gene expression and capillarization in skeletal muscle. FASEB Journal, 2006, 20, 1570-1572.	0.5	112
3	p62 Links Î²-adrenergic input to mitochondrial function and thermogenesis. Journal of Clinical Investigation, 2013, 123, 469-478.	8.2	107
4	Exercise protects against high-fat diet-induced hypothalamic inflammation. Physiology and Behavior, 2012, 106, 485-490.	2.1	97
5	High-Density Lipoprotein Maintains Skeletal Muscle Function by Modulating Cellular Respiration in Mice. Circulation, 2013, 128, 2364-2371.	1.6	73
6	Calcineurin Links Mitochondrial Elongation with Energy Metabolism. Cell Metabolism, 2015, 22, 838-850.	16.2	71
7	Altered REDD1, myostatin, and Akt/mTOR/FoxO/MAPK signaling in streptozotocin-induced diabetic muscle atrophy. American Journal of Physiology - Endocrinology and Metabolism, 2012, 302, E307-E315.	3.5	70
8	Exercise-induced expression of angiogenic growth factors in skeletal muscle and in capillaries of healthy and diabetic mice. Cardiovascular Diabetology, 2008, 7, 13.	6.8	67
9	Gene expression centroids that link with low intrinsic aerobic exercise capacity and complex disease risk. FASEB Journal, 2010, 24, 4565-4574.	0.5	56
10	Heavy resistance exercise training and skeletal muscle androgen receptor expression in younger and older men. Steroids, 2011, 76, 183-192.	1.8	56
11	Repeated bout effect on the cytoskeletal proteins titin, desmin, and dystrophin in rat skeletal muscle. Journal of Muscle Research and Cell Motility, 2007, 28, 39-47.	2.0	50
12	Duodenal nutrient exclusion improves metabolic syndrome and stimulates villus hyperplasia. Gut, 2014, 63, 1238-1246.	12.1	46
13	Effects of high-fat diet and physical activity on pyruvate dehydrogenase kinase-4 in mouse skeletal muscle. Nutrition and Metabolism, 2012, 9, 53.	3.0	39
14	Effects of fatiguing jumping exercise on mRNA expression of titin-complex proteins and calpains. Journal of Applied Physiology, 2009, 106, 1419-1424.	2.5	38
15	FGF21 is not required for glucose homeostasis, ketosis or tumour suppression associated with ketogenic diets in mice. Diabetologia, 2015, 58, 2414-2423.	6.3	37
16	Recovery after Heavy Resistance Exercise and Skeletal Muscle Androgen Receptor and Insulin-Like Growth Factor-I Isoform Expression in Strength Trained Men. Journal of Strength and Conditioning Research, 2011, 25, 767-777.	2.1	32
17	Effects of streptozotocin-induced diabetes and physical training on gene expression of extracellular matrix proteins in mouse skeletal muscle. American Journal of Physiology - Endocrinology and Metabolism, 2006, 290, E900-E907.	3.5	28
18	Prebiotic Xylo-Oligosaccharides Ameliorate High-Fat-Diet-Induced Hepatic Steatosis in Rats. Nutrients, 2020, 12, 3225.	4.1	28

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19	Effects of streptozotocin-induced diabetes and physical training on gene expression of titin-based stretch-sensing complexes in mouse striated muscle. American Journal of Physiology - Endocrinology and Metabolism, 2007, 292, E533-E542.	3.5	23
20	High-fat feeding induces angiogenesis in skeletal muscle and activates angiogenic pathways in capillaries. Angiogenesis, 2013, 16, 297-307.	7.2	23
21	Lipid droplet-associated proteins in high-fat fed mice with the effects of voluntary running and diet change. Metabolism: Clinical and Experimental, 2014, 63, 1031-1040.	3.4	23
22	Stength, Endurance or Combined Training Elicit Diverse Skeletal Muscle Myosin Heavy Chain Isoform Proportion but Unaltered Androgen Receptor Concentration in Older Men. International Journal of Sports Medicine, 2009, 30, 879-887.	1.7	22
23	Effects of acute exercise, exercise training, and diabetes on the expression of lymphangiogenic growth factors and lymphatic vessels in skeletal muscle. American Journal of Physiology - Heart and Circulatory Physiology, 2007, 293, H2573-H2579.	3.2	17
24	Effects of resistance training on expression of IGFâ€‹ splice variants in younger and older men. European Journal of Sport Science, 2016, 16, 1055-1063.	2.7	17
25	Human skeletal muscle type 1 fibre distribution and response of stress-sensing proteins along the titin molecule after submaximal exhaustive exercise. Histochemistry and Cell Biology, 2017, 148, 545-555.	1.7	14
26	Adipocytes as a Link Between Gut Microbiota-Derived Flagellin and Hepatocyte Fat Accumulation. PLoS ONE, 2016, 11, e0152786.	2.5	12
27	Controlled intermittent shortening contractions of a muscleâ€“tendon complex: muscle fibre damage and effects on force transmission from a single head of rat EDL. Journal of Muscle Research and Cell Motility, 2005, 26, 259-273.	2.0	8
28	Circulating HDL levels control hypothalamic astrogliosis via apoA-I. Journal of Lipid Research, 2018, 59, 1649-1659.	4.2	7
29	Molecular and Cellular Markers in Skeletal Muscle Damage after Acute Voluntary Exercise Containing Eccentric Muscle Contractions. , 2018, , .		2
30	Plate-based respirometry of intact myotubes: A new system testing physiological and pathophysiological effects of insulin resistance ex vivo. Biochimica Et Biophysica Acta - Bioenergetics, 2014, 1837, e73.	1.0	0
31	Physical training attenuates gene expression of ubiquitinâ€proteasome pathway in diabetic mouse skeletal muscle. FASEB Journal, 2007, 21, A837.	0.5	0
32	Testosterone and Androgen Receptor Responses to Resistance Exercise Before and After 21-week Resistance Training Period. Medicine and Science in Sports and Exercise, 2007, 39, S59.	0.4	0
33	Reply to Murphy and Lamb. Journal of Applied Physiology, 2009, 106, 2069-2069.	2.5	0
34	Increased PDK4 expression via PGCâ€‹Î±/ERRÎ± â€“ dependent mechanism in mouse skeletal muscle after high fat feeding. FASEB Journal, 2010, 24, 987.5.	0.5	0
35	Long lasting high fat feeding increases the capillary density in the skeletal muscle of mice. FASEB Journal, 2010, 24, 1031.6.	0.5	0
36	The Role of PDK4 in High Fat Diet - Induced Insulin Resistance. Medicine and Science in Sports and Exercise, 2010, 42, 91.	0.4	0

#	Article	IF	Citations
37	High Fat Feeding Increases The Capillary Density In The Skeletal Muscle Of Mice. Medicine and Science in Sports and Exercise, 2010, 42, 67.	0.4	0
38	Microdialysis-Assessed Exercised Muscle Reveals Localized And Differential IGFBP Responses To Unilateral Stretch Shortening Exercise Until Exhaustion. Medicine and Science in Sports and Exercise, 2016, 48, 633.	0.4	0
39	MHC Isoforms Are Associated with Acute Neuromuscular Performance Changes Induced by Prolonged Jumping Exercise. Medicine and Science in Sports and Exercise, 2016, 48, 113.	0.4	0