

Ylva Hellsten

List of Publications by Year in descending order

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Version: 2024-02-01

166
papers

7,807
citations

38742

50
h-index

60623

81
g-index

169
all docs

169
docs citations

169
times ranked

7265
citing authors

#	ARTICLE	IF	CITATIONS
1	Redox balance in human skeletal muscle-derived endothelial cells - Effect of exercise training. <i>Free Radical Biology and Medicine</i> , 2022, 179, 144-155.	2.9	4
2	Short-Term Supplementation With Fermented Red Clover Extract Reduces Vascular Inflammation in Early Post-menopausal Women. <i>Frontiers in Cardiovascular Medicine</i> , 2022, 9, 826959.	2.4	2
3	Is the Pannexin-1 Channel a Mechanism Underlying Hypertension in Humans? a Translational Study of Human Hypertension. <i>Hypertension</i> , 2022, 79, 1132-1143.	2.7	5
4	Effects of Exercise Training Intensity and Duration on Skeletal Muscle Capillarization in Healthy Subjects: A Meta-analysis. <i>Medicine and Science in Sports and Exercise</i> , 2022, 54, 1714-1728.	0.4	15
5	A reminder on blood pressure measurements. <i>Translational Sports Medicine</i> , 2021, 4, 157-158.	1.1	0
6	Does Exercise Influence the Susceptibility to Arterial Thrombosis? An Integrative Perspective. <i>Frontiers in Physiology</i> , 2021, 12, 636027.	2.8	12
7	Effect of aerobic exercise training on asthma control in postmenopausal women (the ATOM-study): protocol for an outcome assessor, randomised controlled trial. <i>BMJ Open</i> , 2021, 11, e049477.	1.9	1
8	Aerobic High-Intensity Exercise Training Improves Cardiovascular Health in Older Post-menopausal Women. <i>Frontiers in Aging</i> , 2021, 2, .	2.6	10
9	Histamine H ₁ and H ₂ receptors are essential transducers of the integrative exercise training response in humans. <i>Science Advances</i> , 2021, 7, .	10.3	19
10	Measurement of Insulin- and Contraction-Stimulated Glucose Uptake in Isolated and Incubated Mature Skeletal Muscle from Mice. <i>Journal of Visualized Experiments</i> , 2021, , .	0.3	7
11	A High Activity Level Is Required for Augmented Muscle Capillarization in Older Women. <i>Medicine and Science in Sports and Exercise</i> , 2021, 53, 894-903.	0.4	5
12	AXIN1 knockout does not alter AMPK/mTORC1 regulation and glucose metabolism in mouse skeletal muscle. <i>Journal of Physiology</i> , 2021, 599, 3081-3100.	2.9	6
13	Menopausal transition does not influence skeletal muscle capillary growth in response to cycle training in women. <i>Journal of Applied Physiology</i> , 2021, 131, 369-375.	2.5	2
14	High metabolic substrate load induces mitochondrial dysfunction in rat skeletal muscle microvascular endothelial cells. <i>Physiological Reports</i> , 2021, 9, e14855.	1.7	4
15	The Impact of Lower Limb Immobilization and Rehabilitation on Angiogenic Proteins and Capillarization in Skeletal Muscle. <i>Medicine and Science in Sports and Exercise</i> , 2021, 53, 1797-1806.	0.4	3
16	Tendon blood flow, angiogenesis, and tendinopathy pathogenesis. <i>Translational Sports Medicine</i> , 2021, 4, 756-771.	1.1	5
17	Functional sympatholysis in mouse skeletal muscle involves sarcoplasmic reticulum swelling in arterial smooth muscle cells. <i>Physiological Reports</i> , 2021, 9, e15133.	1.7	1
18	On the horizon of aging and physical activity research. <i>Applied Physiology, Nutrition and Metabolism</i> , 2020, 45, 113-117.	1.9	0

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19	Insulin-induced membrane permeability to glucose in human muscles at rest and following exercise. <i>Journal of Physiology</i> , 2020, 598, 303-315.	2.9	35
20	Hyperinsulinemia does not cause de novo capillary recruitment in rat skeletal muscle. <i>Microcirculation</i> , 2020, 27, e12593.	1.8	14
21	Assessment of resistance vessel function in human skeletal muscle: guidelines for experimental design, Doppler ultrasound, and pharmacology. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2020, 318, H301-H325.	3.2	78
22	Lifelong Physical Activity Determines Vascular Function in Late Postmenopausal Women. <i>Medicine and Science in Sports and Exercise</i> , 2020, 52, 627-636.	0.4	20
23	Assessment of diabetic foot ulcers based on pictorial material: an interobserver study. <i>Journal of Wound Care</i> , 2020, 29, 658-663.	1.2	6
24	Commentaries on Point:Counterpoint: Investigators should/should not control for menstrual cycle phase when performing studies of vascular control. <i>Journal of Applied Physiology</i> , 2020, 129, 1122-1135.	2.5	8
25	Ischemic Preconditioning Improves Microvascular Endothelial Function in Remote Vasculature by Enhanced Prostacyclin Production. <i>Journal of the American Heart Association</i> , 2020, 9, e016017.	3.7	25
26	Angiogenic potential is reduced in skeletal muscle of aged women. <i>Journal of Physiology</i> , 2020, 598, 5149-5164.	2.9	15
27	Microvascular Function Is Impaired after Short-Term Immobilization in Healthy Men. <i>Medicine and Science in Sports and Exercise</i> , 2020, 52, 2107-2116.	0.4	9
28	Effect of aerobic exercise training on asthma in adults: a systematic review and meta-analysis. <i>European Respiratory Journal</i> , 2020, 56, 2000146.	6.7	62
29	Inducible deletion of skeletal muscle AMPK β reveals that AMPK is required for nucleotide balance but dispensable for muscle glucose uptake and fat oxidation during exercise. <i>Molecular Metabolism</i> , 2020, 40, 101028.	6.5	32
30	Effects of High-Intensity Exercise Training on Adipose Tissue Mass, Glucose Uptake and Protein Content in Pre- and Post-menopausal Women. <i>Frontiers in Sports and Active Living</i> , 2020, 2, 60.	1.8	7
31	The impact of acute remote ischaemic preconditioning on cerebrovascular function. <i>European Journal of Applied Physiology</i> , 2020, 120, 603-612.	2.5	12
32	Early time course of change in angiogenic proteins in human skeletal muscle and vascular cells with endurance training. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2020, 30, 1117-1131.	2.9	9
33	Exercise training reverses an age-related attenuation in ATP signaling in human skeletal muscle. <i>Translational Sports Medicine</i> , 2019, 2, 248-255.	1.1	0
34	Regulation of skeletal muscle blood flow during exercise. <i>Current Opinion in Physiology</i> , 2019, 10, 146-155.	1.8	14
35	Early sarcomere and metabolic defects in a zebrafish <i>pitx2c</i> cardiac arrhythmia model. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 24115-24121.	7.1	28
36	Oestrogen, exercise and vascular function. <i>Journal of Physiology</i> , 2019, 597, 4871-4871.	2.9	1

#	ARTICLE	IF	CITATIONS
37	Muscle strain injury exudate favors acute tissue healing and prolonged connective tissue formation in humans. <i>FASEB Journal</i> , 2019, 33, 10369-10382.	0.5	8
38	The exercise timing hypothesis: can exercise training compensate for the reduction in blood vessel function after menopause if timed right?. <i>Journal of Physiology</i> , 2019, 597, 4915-4925.	2.9	23
39	Regulatory Mechanisms of Estrogen on Vascular Ageing. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-2.	4.0	1
40	Cardiac perfusion and function after high-intensity exercise training in late premenopausal and recent postmenopausal women: an MRI study. <i>Journal of Applied Physiology</i> , 2019, 126, 1272-1280.	2.5	3
41	Copenhagen Consensus statement 2019: physical activity and ageing. <i>British Journal of Sports Medicine</i> , 2019, 53, 856-858.	6.7	145
42	Physical activity is essential and never too late. <i>Translational Sports Medicine</i> , 2019, 2, 101-101.	1.1	0
43	The effect of two exercise modalities on skeletal muscle capillary ultrastructure in individuals with type 2 diabetes. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2019, 29, 360-368.	2.9	33
44	Effect of menopause and exercise training on plasma apolipoprotein M and sphingosine-1-phosphate. <i>Journal of Applied Physiology</i> , 2019, 126, 214-220.	2.5	8
45	Reduced skeletal-muscle perfusion and impaired ATP release during hypoxia and exercise in individuals with type 2 diabetes. <i>Diabetologia</i> , 2019, 62, 485-493.	6.3	18
46	Seven-day remote ischaemic preconditioning improves endothelial function in patients with type 2 diabetes mellitus: a randomised pilot study. <i>European Journal of Endocrinology</i> , 2019, 181, 659-669.	3.7	12
47	Regulation of bone blood flow in humans: The role of nitric oxide, prostaglandins, and adenosine. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2018, 28, 1552-1558.	2.9	11
48	Platelet responses to pharmacological and physiological interventions in middle-aged men with different habitual physical activity levels. <i>Acta Physiologica</i> , 2018, 223, e13028.	3.8	18
49	Limb vascular function in women-Effects of female sex hormones and physical activity. <i>Translational Sports Medicine</i> , 2018, 1, 14-24.	1.1	7
50	Effect of high-intensity exercise training on functional sympatholysis in young and older habitually active men. <i>Translational Sports Medicine</i> , 2018, 1, 37-45.	1.1	5
51	Probenecid Inhibits β -Adrenergic Receptor-Mediated Vasoconstriction in the Human Leg Vasculature. <i>Hypertension</i> , 2018, 71, 151-159.	2.7	32
52	Exercise training improves blood flow to contracting skeletal muscle of older men via enhanced cGMP signaling. <i>Journal of Applied Physiology</i> , 2018, 124, 109-117.	2.5	16
53	Effects of menopause and high-intensity training on insulin sensitivity and muscle metabolism. <i>Menopause</i> , 2018, 25, 165-175.	2.0	21
54	Impact of β -adrenergic signaling in PGC-1-mediated adaptations in mouse skeletal muscle. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2018, 314, E1-E20.	3.5	12

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55	The Endothelial Mechanotransduction Protein Platelet Endothelial Cell Adhesion Molecule-1 Is Influenced by Aging and Exercise Training in Human Skeletal Muscle. <i>Frontiers in Physiology</i> , 2018, 9, 1807.	2.8	15
56	Effect of endurance versus resistance training on local muscle and systemic inflammation and oxidative stress in <scp>COPD</scp>. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2018, 28, 2339-2348.	2.9	30
57	Methods for the determination of skeletal muscle blood flow: development, strengths and limitations. <i>European Journal of Applied Physiology</i> , 2018, 118, 1081-1094.	2.5	21
58	High-intensity interval, but not endurance, training induces muscle fiber type-specific subsarcolemmal lipid droplet size reduction in type 2 diabetic patients. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2018, 315, E872-E884.	3.5	23
59	The effect of tyramine infusion and exercise on blood flow, coagulation and clot microstructure in healthy individuals. <i>Thrombosis Research</i> , 2018, 170, 32-37.	1.7	4
60	Leg blood flow and skeletal muscle microvascular perfusion responses to submaximal exercise in peripheral arterial disease. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2018, 315, H1425-H1433.	3.2	29
61	Effects of aging and exercise training on leg hemodynamics and oxidative metabolism in the transition from rest to steady-state exercise: role of cGMP signaling. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2018, 315, R274-R283.	1.8	5
62	Impaired ATP Release in Individuals with Type 2 Diabetes Assessed by the Intravascular Microdialysis Technique. <i>FASEB Journal</i> , 2018, 32, 713.11.	0.5	0
63	Alpha adrenergic receptor blockade increases capillarization and fractional O ₂ extraction and lowers blood flow in contracting human skeletal muscle. <i>Acta Physiologica</i> , 2017, 221, 32-43.	3.8	17
64	Adaptations with Intermittent Exercise Training in Post- and Premenopausal Women. <i>Medicine and Science in Sports and Exercise</i> , 2017, 49, 96-105.	0.4	26
65	The effect of nitric oxide synthase inhibition with and without inhibition of prostaglandins on blood flow in different human skeletal muscles. <i>European Journal of Applied Physiology</i> , 2017, 117, 1175-1180.	2.5	10
66	Endothelial mechanotransduction proteins and vascular function are altered by dietary sucrose supplementation in healthy young male subjects. <i>Journal of Physiology</i> , 2017, 595, 5557-5571.	2.9	21
67	Leg vascular and skeletal muscle mitochondrial adaptations to aerobic high-intensity exercise training are enhanced in the early postmenopausal phase. <i>Journal of Physiology</i> , 2017, 595, 2969-2983.	2.9	32
68	Effects of high-intensity training on cardiovascular risk factors in premenopausal and postmenopausal women. <i>American Journal of Obstetrics and Gynecology</i> , 2017, 216, 384.e1-384.e11.	1.3	58
69	Aerobic exercise training lowers platelet reactivity and improves platelet sensitivity to prostacyclin in pre- and postmenopausal women. <i>Journal of Thrombosis and Haemostasis</i> , 2017, 15, 2419-2431.	3.8	15
70	Cardiac Adaptations to High-Intensity Aerobic Training in Premenopausal and Recent Postmenopausal Women: The Copenhagen Women Study. <i>Journal of the American Heart Association</i> , 2017, 6, .	3.7	18
71	Leg blood flow is impaired during small muscle mass exercise in patients with COPD. <i>Journal of Applied Physiology</i> , 2017, 123, 624-631.	2.5	13
72	Effect of endurance versus resistance training on quadriceps muscle dysfunction in COPD: a pilot study. <i>International Journal of COPD</i> , 2016, Volume 11, 2659-2669.	2.3	36

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73	Limitations of skeletal muscle oxygen supply in ageing. <i>Journal of Physiology</i> , 2016, 594, 2259-2260.	2.9	4
74	Reduced blood flow to contracting skeletal muscle in ageing humans: is it all an effect of sand through the hourglass?. <i>Journal of Physiology</i> , 2016, 594, 2297-2305.	2.9	19
75	Capillary ultrastructure and mitochondrial volume density in skeletal muscle in relation to reduced exercise capacity of patients with intermittent claudication. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2016, 310, R943-R951.	1.8	40
76	Effects of exercise training and resveratrol on vascular health in aging. <i>Free Radical Biology and Medicine</i> , 2016, 98, 165-176.	2.9	41
77	Advances and challenges in skeletal muscle angiogenesis. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2016, 310, H326-H336.	3.2	133
78	Early Postmenopausal Phase Is Associated With Reduced Prostacyclin-Induced Vasodilation That Is Reversed by Exercise Training. <i>Hypertension</i> , 2016, 68, 1011-1020.	2.7	46
79	Vasoactive enzymes and blood flow responses to passive and active exercise in peripheral arterial disease. <i>Atherosclerosis</i> , 2016, 246, 98-105.	0.8	34
80	Effect of PDE5 inhibition on the modulation of sympathetic $\hat{\pm}$ -adrenergic vasoconstriction in contracting skeletal muscle of young and older recreationally active humans. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2015, 309, H1867-H1875.	3.2	10
81	Optimizing hyaluronidase dose and plasmid DNA delivery greatly improves gene electrotransfer efficiency in rat skeletal muscle. <i>Biochemistry and Biophysics Reports</i> , 2015, 4, 342-350.	1.3	7
82	Cardiovascular Adaptations to Exercise Training. , 2015, 6, 1-32.		146
83	What turns off the angiogenic switch in skeletal muscle?. <i>Experimental Physiology</i> , 2015, 100, 772-773.	2.0	3
84	Effects of Exercise Training on Regulation of Skeletal Muscle Glucose Metabolism in Elderly Men. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2015, 70, 866-872.	3.6	32
85	Vascular function in health, hypertension, and diabetes: effect of physical activity on skeletal muscle microcirculation. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2015, 25, 60-73.	2.9	34
86	Capillary growth, ultrastructure remodelling and exercise training in skeletal muscle of essential hypertensive patients. <i>Acta Physiologica</i> , 2015, 214, 210-220.	3.8	45
87	Potential of cGMP signaling increases oxygen delivery and oxidative metabolism in contracting skeletal muscle of older but not young humans. <i>Physiological Reports</i> , 2015, 3, e12508.	1.7	18
88	10â€20â€30 training increases performance and lowers blood pressure and $\langle \text{sc} \rangle \text{VEGF} \langle / \text{sc} \rangle$ in runners. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2015, 25, e479-89.	2.9	32
89	Increased skeletal muscle capillarization enhances insulin sensitivity. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2014, 307, E1105-E1116.	3.5	41
90	Biomarkers of vascular function in premenopausal and recent postmenopausal women of similar age: effect of exercise training. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2014, 306, R510-R517.	1.8	45

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91	Reply from Lasse Gliemann, Jesper Olesen, Rasmus Sjørup BiensÃ, Stefan Peter Mortensen, Michael Nyberg, Jens Bangsbo, Henriette Pilegaard and Ylva Hellsten. <i>Journal of Physiology</i> , 2014, 592, 553-553.	2.9	0
92	Exercise training, but not resveratrol, improves metabolic and inflammatory status in skeletal muscle of aged men. <i>Journal of Physiology</i> , 2014, 592, 1873-1886.	2.9	105
93	Bengt Saltin (1935â€“2014). <i>Journal of Physiology</i> , 2014, 592, 5149-5151.	2.9	6
94	Nitric oxide and reactive oxygen species in limb vascular function: what is the effect of physical activity?. <i>Free Radical Research</i> , 2014, 48, 71-83.	3.3	52
95	Exerciseâ€nduced Capillary Growth in Human Skeletal Muscle and the Dynamics of <sc>VEGF</sc>. <i>Microcirculation</i> , 2014, 21, 301-314.	1.8	137
96	Resveratrol modulates the angiogenic response to exercise training in skeletal muscles of aged men. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2014, 307, H1111-H1119.	3.2	47
97	Exercise training modulates functional sympatholysis and ð±â€ndrenergic vasoconstrictor responsiveness in hypertensive and normotensive individuals. <i>Journal of Physiology</i> , 2014, 592, 3063-3073.	2.9	63
98	Infusion of ATP increases leg oxygen delivery but not oxygen uptake in the initial phase of intense kneeâ€ntensor exercise in humans. <i>Experimental Physiology</i> , 2014, 99, 1399-1408.	2.0	20
99	The effect of purinergic P2 receptor blockade on skeletal muscle exercise hyperemia in miniature swine. <i>European Journal of Applied Physiology</i> , 2014, 114, 2147-2155.	2.5	4
100	Roles of sedentary aging and lifelong physical activity in exchange of glutathione across exercising human skeletal muscle. <i>Free Radical Biology and Medicine</i> , 2014, 73, 166-173.	2.9	46
101	Capillary growth in human skeletal muscle: physiological factors and the balance between pro-angiogenic and angiostatic factors. <i>Biochemical Society Transactions</i> , 2014, 42, 1616-1622.	3.4	36
102	Resveratrol blunts the positive effects of exercise training on cardiovascular health in aged men. <i>Journal of Physiology</i> , 2013, 591, 5047-5059.	2.9	206
103	Physical activity opposes the ageâ€related increase in skeletal muscle and plasma endothelinâ€1 levels and normalizes plasma endothelinâ€1 levels in individuals with essential hypertension. <i>Acta Physiologica</i> , 2013, 207, 524-535.	3.8	47
104	Effect of lifelong resveratrol supplementation and exercise training on skeletal muscle oxidative capacity in aging mice; impact of PGC-1ð±. <i>Experimental Gerontology</i> , 2013, 48, 1311-1318.	2.8	54
105	Intense intermittent exercise provides weak stimulus for vascular endothelial growth factor secretion and capillary growth in skeletal muscle. <i>Experimental Physiology</i> , 2013, 98, 585-597.	2.0	81
106	Subcellular localization and mechanism of secretion of vascular endothelial growth factor in human skeletal muscle. <i>FASEB Journal</i> , 2013, 27, 3496-3504.	0.5	52
107	Angiogenic response to passive movement and active exercise in individuals with peripheral arterial disease. <i>Journal of Applied Physiology</i> , 2013, 115, 1777-1787.	2.5	60
108	Effect of extraluminal ATP application on vascular tone and blood flow in skeletal muscle: implications for exercise hyperemia. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2013, 305, R281-R290.	1.8	20

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109	Skeletal Muscle Signaling and the Heart Rate and Blood Pressure Response to Exercise. <i>Hypertension</i> , 2013, 61, 1126-1133.	2.7	27
110	Resveratrol blunts the positive effects of exercise training in aged men; a double-blind, randomized, placebo-controlled training study. <i>FASEB Journal</i> , 2013, 27, 1143.7.	0.5	0
111	Does a compensatory formation of nitric oxide during inhibition of prostanoid synthesis in skeletal muscle explain the redundancy between these vasoactive systems?. <i>FASEB Journal</i> , 2013, 27, 898.7.	0.5	0
112	Opposing effects of nitric oxide and prostaglandin inhibition on muscle mitochondrial $\text{V}\ddot{\text{I}}\text{I}$ during exercise. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2012, 303, R94-R100.	1.8	16
113	Two weeks of muscle immobilization impairs functional sympatholysis but increases exercise hyperemia and the vasodilatory responsiveness to infused ATP. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2012, 302, H2074-H2082.	3.2	49
114	Impaired formation of vasodilators in peripheral tissue in essential hypertension is normalized by exercise training. <i>Journal of Hypertension</i> , 2012, 30, 2007-2014.	0.5	36
115	The hyperaemic response to passive leg movement is dependent on nitric oxide: a new tool to evaluate endothelial nitric oxide function. <i>Journal of Physiology</i> , 2012, 590, 4391-4400.	2.9	85
116	Vasodilator interactions in skeletal muscle blood flow regulation. <i>Journal of Physiology</i> , 2012, 590, 6297-6305.	2.9	159
117	Role of nitric oxide and prostanoids in the regulation of leg blood flow and blood pressure in humans with essential hypertension: effect of high-intensity aerobic training. <i>Journal of Physiology</i> , 2012, 590, 1481-1494.	2.9	90
118	Lifelong physical activity prevents an age-related reduction in arterial and skeletal muscle nitric oxide bioavailability in humans. <i>Journal of Physiology</i> , 2012, 590, 5361-5370.	2.9	99
119	Pro- and anti-angiogenic factors in human skeletal muscle in response to acute exercise and training. <i>Journal of Physiology</i> , 2012, 590, 595-606.	2.9	125
120	Contribution of intravascular <i>versus</i> interstitial purines and nitric oxide in the regulation of exercise hyperaemia in humans. <i>Journal of Physiology</i> , 2012, 590, 5015-5023.	2.9	29
121	The adenosine system in skeletal muscle of individuals with essential hypertension and the effect of physical training. <i>FASEB Journal</i> , 2012, 26, 872.12.	0.5	0
122	Skeletal muscle blood flow and oxygen uptake at rest and during exercise in humans: a pet study with nitric oxide and cyclooxygenase inhibition. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2011, 300, H1510-H1517.	3.2	95
123	Local release of ATP into the arterial inflow and venous drainage of human skeletal muscle: insight from ATP determination with the intravascular microdialysis technique. <i>Journal of Physiology</i> , 2011, 589, 1847-1857.	2.9	88
124	Relationship between performance at different exercise intensities and skeletal muscle characteristics. <i>Journal of Applied Physiology</i> , 2011, 110, 1555-1563.	2.5	26
125	Exercise Training Alters the Balance Between Vasoactive Compounds in Skeletal Muscle of Individuals With Essential Hypertension. <i>Hypertension</i> , 2011, 58, 943-949.	2.7	52
126	Comparison of exogenous adenosine and voluntary exercise on human skeletal muscle perfusion and perfusion heterogeneity. <i>Journal of Applied Physiology</i> , 2010, 108, 378-386.	2.5	56

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127	The legacy of the Copenhagen School: in the footsteps of Lindhard and Krogh. <i>Acta Physiologica</i> , 2010, 199, 347-348.	3.8	5
128	The effect of passive movement training on angiogenic factors and capillary growth in human skeletal muscle. <i>Journal of Physiology</i> , 2010, 588, 3833-3845.	2.9	72
129	Exercise training normalizes skeletal muscle vascular endothelial growth factor levels in patients with essential hypertension. <i>Journal of Hypertension</i> , 2010, 28, 1176-1185.	0.5	49
130	Interstitial and Plasma Adenosine Stimulate Nitric Oxide and Prostacyclin Formation in Human Skeletal Muscle. <i>Hypertension</i> , 2010, 56, 1102-1108.	2.7	50
131	Low blood flow at onset of moderate-intensity exercise does not limit muscle oxygen uptake. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2010, 298, R843-R848.	1.8	25
132	Contraction-induced secretion of VEGF from skeletal muscle cells is mediated by adenosine. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2010, 299, H857-H862.	3.2	37
133	Muscle interstitial ATP and norepinephrine concentrations in the human leg during exercise and ATP infusion. <i>Journal of Applied Physiology</i> , 2009, 107, 1757-1762.	2.5	68
134	Four weeks of speed endurance training reduces energy expenditure during exercise and maintains muscle oxidative capacity despite a reduction in training volume. <i>Journal of Applied Physiology</i> , 2009, 106, 73-80.	2.5	114
135	Activation of estrogen response elements is mediated both via estrogen and muscle contractions in rat skeletal muscle myotubes. <i>American Journal of Physiology - Cell Physiology</i> , 2009, 296, C215-C220.	4.6	22
136	ATP-induced vasodilation and purinergic receptors in the human leg: roles of nitric oxide, prostaglandins, and adenosine. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2009, 296, R1140-R1148.	1.8	91
137	PGC-1 α mediates exercise-induced skeletal muscle VEGF expression in mice. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2009, 297, E92-E103.	3.5	99
138	Adenosine Contributes to Blood Flow Regulation in the Exercising Human Leg by Increasing Prostaglandin and Nitric Oxide Formation. <i>Hypertension</i> , 2009, 53, 993-999.	2.7	91
139	Neuromuscular blockade of slow twitch muscle fibres elevates muscle oxygen uptake and energy turnover during submaximal exercise in humans. <i>Journal of Physiology</i> , 2008, 586, 6037-6048.	2.9	66
140	PGC-1 α is not mandatory for exercise- and training-induced adaptive gene responses in mouse skeletal muscle. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2008, 294, E463-E474.	3.5	196
141	Passive leg movement enhances interstitial VEGF protein, endothelial cell proliferation, and eNOS mRNA content in human skeletal muscle. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2008, 294, R975-R982.	1.8	81
142	Reduced volume but increased training intensity elevates muscle Na ⁺ -K ⁺ pump α -subunit and NHE1 expression as well as short-term work capacity in humans. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2008, 294, R966-R974.	1.8	97
143	Inhibition of nitric oxide and prostaglandins, but not endothelial-derived hyperpolarizing factors, reduces blood flow and aerobic energy turnover in the exercising human leg. <i>Journal of Physiology</i> , 2007, 581, 853-861.	2.9	123
144	Antioxidant supplementation enhances the exercise-induced increase in mitochondrial uncoupling protein 3 and endothelial nitric oxide synthase mRNA content in human skeletal muscle. <i>Free Radical Biology and Medicine</i> , 2007, 43, 353-361.	2.9	54

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145	Effects of \pm AMPK knockout on exercise-induced gene activation in mouse skeletal muscle. <i>FASEB Journal</i> , 2005, 19, 1146-1148.	0.5	248
146	Vasodilatory mechanisms in contracting skeletal muscle. <i>Journal of Applied Physiology</i> , 2004, 97, 393-403.	2.5	348
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