

Ylva Hellsten

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

158
papers

6,209
citations

47
h-index

74
g-index

169
ext. papers

7,081
ext. citations

4.3
avg, IF

5.84
L-index

#	Paper	IF	Citations
158	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	5.4	0
157	Is the Pannexin-1 Channel a Mechanism Underlying Hypertension in Humans? a Translational Study of Human Hypertension.. <i>Hypertension</i> , 2022 , HYPERTENSIONAHA12118549	8.5	0
156	Functional sympatholysis in mouse skeletal muscle involves sarcoplasmic reticulum swelling in arterial smooth muscle cells. <i>Physiological Reports</i> , 2021 , 9, e15133	2.6	0
155	Redox balance in human skeletal muscle-derived endothelial cells - Effect of exercise training.. <i>Free Radical Biology and Medicine</i> , 2021 , 179, 144-144	7.8	1
154	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	3	0
153	Histamine H and H receptors are essential transducers of the integrative exercise training response in humans. <i>Science Advances</i> , 2021 , 7,	14.3	6
152	Measurement of Insulin- and Contraction-Stimulated Glucose Uptake in Isolated and Incubated Mature Skeletal Muscle From Mice. <i>Journal of Visualized Experiments</i> , 2021 ,	1.6	1
151	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	1.2	1
150	AXIN1 knockout does not alter AMPK/mTORC1 regulation and glucose metabolism in mouse skeletal muscle. <i>Journal of Physiology</i> , 2021 , 599, 3081-3100	3.9	2
149	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	3.7	0
148	A reminder on blood pressure measurements. <i>Translational Sports Medicine</i> , 2021 , 4, 157-158	1.3	0
147	Does Exercise Influence the Susceptibility to Arterial Thrombosis? An Integrative Perspective. <i>Frontiers in Physiology</i> , 2021 , 12, 636027	4.6	4
146	High metabolic substrate load induces mitochondrial dysfunction in rat skeletal muscle microvascular endothelial cells. <i>Physiological Reports</i> , 2021 , 9, e14855	2.6	1
145	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	1.2	0
144	Effect of aerobic exercise training on asthma in adults: a systematic review and meta-analysis. <i>European Respiratory Journal</i> , 2020 , 56,	13.6	21
143	Inducible deletion of skeletal muscle AMPK 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	8.8	15
142	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	2.3	3

141	The impact of acute remote ischaemic preconditioning on cerebrovascular function. <i>European Journal of Applied Physiology</i> , 2020 , 120, 603-612	3.4	9
140	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	4.6	6
139	On the horizon of aging and physical activity research. <i>Applied Physiology, Nutrition and Metabolism</i> , 2020 , 45, 113-117	3	
138	Insulin-induced membrane permeability to glucose in human muscles at rest and following exercise. <i>Journal of Physiology</i> , 2020 , 598, 303-315	3.9	21
137	Hyperinsulinemia does not cause de novo capillary recruitment in rat skeletal muscle. <i>Microcirculation</i> , 2020 , 27, e12593	2.9	7
136	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	5.2	40
135	Lifelong Physical Activity Determines Vascular Function in Late Postmenopausal Women. <i>Medicine and Science in Sports and Exercise</i> , 2020 , 52, 627-636	1.2	7
134	Assessment of diabetic foot ulcers based on pictorial material: an interobserver study. <i>Journal of Wound Care</i> , 2020 , 29, 658-663	2.2	2
133	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	3.7	4
132	Ischemic Preconditioning Improves Microvascular Endothelial Function in Remote Vasculature by Enhanced Prostacyclin Production. <i>Journal of the American Heart Association</i> , 2020 , 9, e016017	6	9
131	Angiogenic potential is reduced in skeletal muscle of aged women. <i>Journal of Physiology</i> , 2020 , 598, 5149-5164	3.5	5
130	Microvascular Function Is Impaired after Short-Term Immobilization in Healthy Men. <i>Medicine and Science in Sports and Exercise</i> , 2020 , 52, 2107-2116	1.2	6
129	Muscle-strain injury exudate favors acute tissue healing and prolonged connective tissue formation in humans. <i>FASEB Journal</i> , 2019 , 33, 10369-10382	0.9	6
128	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	3.9	7
127	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	3.7	1
126	Copenhagen Consensus statement 2019: physical activity and ageing. <i>British Journal of Sports Medicine</i> , 2019 , 53, 856-858	10.3	71
125	Exercise training reverses an age-related attenuation in ATP signaling in human skeletal muscle. <i>Translational Sports Medicine</i> , 2019 , 2, 248-255	1.3	
124	Regulation of skeletal muscle blood flow during exercise. <i>Current Opinion in Physiology</i> , 2019 , 10, 146-155	5.6	5

123	Early sarcomere and metabolic defects in a zebrafish cardiac arrhythmia model. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 24115-24121	11.5	14
122	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	6.5	8
121	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	4.6	14
120	Effect of menopause and exercise training on plasma apolipoprotein M and sphingosine-1-phosphate. <i>Journal of Applied Physiology</i> , 2019 , 126, 214-220	3.7	5
119	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	10.3	10
118	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	4.6	6
117	Platelet responses to pharmacological and physiological interventions in middle-aged men with different habitual physical activity levels. <i>Acta Physiologica</i> , 2018 , 223, e13028	5.6	7
116	Limb vascular function in women Effects of female sex hormones and physical activity. <i>Translational Sports Medicine</i> , 2018 , 1, 14-24	1.3	7
115	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	1.3	4
114	Probenecid Inhibits β Adrenergic Receptor-Mediated Vasoconstriction in the Human Leg Vasculature. <i>Hypertension</i> , 2018 , 71, 151-159	8.5	21
113	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	3.7	9
112	Effects of menopause and high-intensity training on insulin sensitivity and muscle metabolism. <i>Menopause</i> , 2018 , 25, 165-175	2.5	13
111	Impact of β adrenergic signaling in PGC-1 β -mediated adaptations in mouse skeletal muscle. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2018 , 314, E1-E20	6	10
110	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	6	16
109	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	8.2	2
108	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	5.2	17
107	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	3.2	3
106	Impaired ATP Release in Individuals with Type 2 Diabetes Assessed by the Intravascular Microdialysis Technique. <i>FASEB Journal</i> , 2018 , 32, 713.11	0.9	

105	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	4.6	9
104	Effect of endurance versus resistance training on local muscle and systemic inflammation and oxidative stress in COPD. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2018 , 28, 2339-2348	4.6	13
103	Methods for the determination of skeletal muscle blood flow: development, strengths and limitations. <i>European Journal of Applied Physiology</i> , 2018 , 118, 1081-1094	3.4	15
102	Alpha adrenergic receptor blockade increases capillarization and fractional O extraction and lowers blood flow in contracting human skeletal muscle. <i>Acta Physiologica</i> , 2017 , 221, 32-43	5.6	11
101	Adaptations with Intermittent Exercise Training in Post- and Premenopausal Women. <i>Medicine and Science in Sports and Exercise</i> , 2017 , 49, 96-105	1.2	17
100	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	3.4	8
99	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	3.9	13
98	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	3.9	24
97	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	6.4	44
96	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	15.4	9
95	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,	6	9
94	Leg blood flow is impaired during small muscle mass exercise in patients with COPD. <i>Journal of Applied Physiology</i> , 2017 , 123, 624-631	3.7	7
93	Early Postmenopausal Phase Is Associated With Reduced Prostacyclin-Induced Vasodilation That Is Reversed by Exercise Training: The Copenhagen Women Study. <i>Hypertension</i> , 2016 , 68, 1011-20	8.5	29
92	Vasoactive enzymes and blood flow responses to passive and active exercise in peripheral arterial disease. <i>Atherosclerosis</i> , 2016 , 246, 98-105	3.1	22
91	Effect of endurance versus resistance training on quadriceps muscle dysfunction in COPD: a pilot study. <i>International Journal of COPD</i> , 2016 , 11, 2659-2669	3	25
90	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, 2297-305	3.9	13
89	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, R943-51	3.2	32
88	Effects of exercise training and resveratrol on vascular health in aging. <i>Free Radical Biology and Medicine</i> , 2016 , 98, 165-176	7.8	34

87	Advances and challenges in skeletal muscle angiogenesis. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2016 , 310, H326-36	5.2	95
86	Capillary growth, ultrastructure remodelling and exercise training in skeletal muscle of essential hypertensive patients. <i>Acta Physiologica</i> , 2015 , 214, 210-20	5.6	29
85	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	2.6	12
84	10-20-30 training increases performance and lowers blood pressure and VEGF in runners. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2015 , 25, e479-89	4.6	20
83	Effect of PDE5 inhibition on the modulation of sympathetic β 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, H1867-75	5.2	8
82	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	2.2	6
81	Cardiovascular Adaptations to Exercise Training. <i>Comprehensive Physiology</i> , 2015 , 6, 1-32	7.7	91
80	What turns off the angiogenic switch in skeletal muscle?. <i>Experimental Physiology</i> , 2015 , 100, 772-3	2.4	1
79	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, 866-72	6.4	23
78	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 Suppl 4, 60-73	4.6	25
77	Exercise-induced capillary growth in human skeletal muscle and the dynamics of VEGF. <i>Microcirculation</i> , 2014 , 21, 301-14	2.9	103
76	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, H1111-9	5.2	35
75	Exercise training modulates functional sympatholysis and β adrenergic vasoconstrictor responsiveness in hypertensive and normotensive individuals. <i>Journal of Physiology</i> , 2014 , 592, 3063-73	3.9	53
74	Infusion of ATP increases leg oxygen delivery but not oxygen uptake in the initial phase of intense knee-extensor exercise in humans. <i>Experimental Physiology</i> , 2014 , 99, 1399-408	2.4	16
73	The effect of purinergic P2 receptor blockade on skeletal muscle exercise hyperemia in miniature swine. <i>European Journal of Applied Physiology</i> , 2014 , 114, 2147-55	3.4	3
72	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, 166-73	7.8	37
71	Capillary growth in human skeletal muscle: physiological factors and the balance between pro-angiogenic and angiostatic factors. <i>Biochemical Society Transactions</i> , 2014 , 42, 1616-22	5.1	22
70	Increased skeletal muscle capillarization enhances insulin sensitivity. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2014 , 307, E1105-16	6	34

69	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, R510-7	3.2	34
68	Reply from Lasse Gliemann, Jesper Olesen, Rasmus Sjørup Bienso, Stefan Peter Mortensen, Michael Nyberg, Jens Bangsbo, Henriette Pilegaard and Ylva Hellsten. <i>Journal of Physiology</i> , 2014 , 592, 553	3.9	
67	Exercise training, but not resveratrol, improves metabolic and inflammatory status in skeletal muscle of aged men. <i>Journal of Physiology</i> , 2014 , 592, 1873-86	3.9	84
66	Bengt Saltin (1935-2014). <i>Journal of Physiology</i> , 2014 , 592, 5149-51	3.9	3
65	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	4	50
64	Resveratrol blunts the positive effects of exercise training on cardiovascular health in aged men. <i>Journal of Physiology</i> , 2013 , 591, 5047-59	3.9	174
63	Physical activity opposes the age-related increase in skeletal muscle and plasma endothelin-1 levels and normalizes plasma endothelin-1 levels in individuals with essential hypertension. <i>Acta Physiologica</i> , 2013 , 207, 524-35	5.6	39
62	Effect of lifelong resveratrol supplementation and exercise training on skeletal muscle oxidative capacity in aging mice; impact of PGC-1 α . <i>Experimental Gerontology</i> , 2013 , 48, 1311-8	4.5	47
61	Intense intermittent exercise provides weak stimulus for vascular endothelial growth factor secretion and capillary growth in skeletal muscle. <i>Experimental Physiology</i> , 2013 , 98, 585-97	2.4	63
60	Subcellular localization and mechanism of secretion of vascular endothelial growth factor in human skeletal muscle. <i>FASEB Journal</i> , 2013 , 27, 3496-504	0.9	45
59	Angiogenic response to passive movement and active exercise in individuals with peripheral arterial disease. <i>Journal of Applied Physiology</i> , 2013 , 115, 1777-87	3.7	42
58	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, R281-90	3.2	18
57	Skeletal muscle signaling and the heart rate and blood pressure response to exercise: insight from heart rate pacing during exercise with a trained and a deconditioned muscle group. <i>Hypertension</i> , 2013 , 61, 1126-33	8.5	20
56	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	0.9	
55	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	0.9	
54	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, 4391-400	3.9	68
53	Vasodilator interactions in skeletal muscle blood flow regulation. <i>Journal of Physiology</i> , 2012 , 590, 6297-305	3.9	126
52	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, 1481-94	3.9	61

51	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, 5361-70	3.9	83
50	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	3.9	102
49	Contribution of intravascular versus interstitial purines and nitric oxide in the regulation of exercise hyperaemia in humans. <i>Journal of Physiology</i> , 2012 , 590, 5015-23	3.9	26
48	Opposing effects of nitric oxide and prostaglandin inhibition on muscle mitochondrial Vo(2) during exercise. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2012 , 303, R94-100	3.2	14
47	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, H2074-82	5.2	47
46	Impaired formation of vasodilators in peripheral tissue in essential hypertension is normalized by exercise training: role of adenosine and prostacyclin. <i>Journal of Hypertension</i> , 2012 , 30, 2007-14	1.9	32
45	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	0.9	
44	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, 1847-57	3.9	81
43	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, H1510-7	5.2	81
42	Relationship between performance at different exercise intensities and skeletal muscle characteristics. <i>Journal of Applied Physiology</i> , 2011 , 110, 1555-63	3.7	22
41	Exercise training alters the balance between vasoactive compounds in skeletal muscle of individuals with essential hypertension. <i>Hypertension</i> , 2011 , 58, 943-9	8.5	39
40	The effect of passive movement training on angiogenic factors and capillary growth in human skeletal muscle. <i>Journal of Physiology</i> , 2010 , 588, 3833-45	3.9	64
39	Exercise training normalizes skeletal muscle vascular endothelial growth factor levels in patients with essential hypertension. <i>Journal of Hypertension</i> , 2010 , 28, 1176-85	1.9	40
38	Interstitial and plasma adenosine stimulate nitric oxide and prostacyclin formation in human skeletal muscle. <i>Hypertension</i> , 2010 , 56, 1102-8	8.5	47
37	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, R843-8	3.2	24
36	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, H857-62	5.2	33
35	Comparison of exogenous adenosine and voluntary exercise on human skeletal muscle perfusion and perfusion heterogeneity. <i>Journal of Applied Physiology</i> , 2010 , 108, 378-86	3.7	50
34	Muscle interstitial ATP and norepinephrine concentrations in the human leg during exercise and ATP infusion. <i>Journal of Applied Physiology</i> , 2009 , 107, 1757-62	3.7	64

33	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	3.7	96
32	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, C215-20	5.4	17
31	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, R1140-8	3.2	85
30	PGC-1alpha mediates exercise-induced skeletal muscle VEGF expression in mice. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2009 , 297, E92-103	6	90
29	Adenosine contributes to blood flow regulation in the exercising human leg by increasing prostaglandin and nitric oxide formation. <i>Hypertension</i> , 2009 , 53, 993-9	8.5	84
28	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, 6037-48	3.9	60
27	PGC-1alpha 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, E463-74	6	179
26	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, R975-82	3.2	68
25	Reduced volume but increased training intensity elevates muscle Na ⁺ -K ⁺ pump alpha1-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, R966-74	3.2	76
24	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, 853-61	3.9	114
23	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, 353-61	7.8	50
22	Effects of alpha-AMPK knockout on exercise-induced gene activation in mouse skeletal muscle. <i>FASEB Journal</i> , 2005 , 19, 1146-8	0.9	230
21	Vasodilatory mechanisms in contracting skeletal muscle. <i>Journal of Applied Physiology</i> , 2004 , 97, 393-403	3.7	305
20	Effect of high intensity training on capillarization and presence of angiogenic factors in human skeletal muscle. <i>Journal of Physiology</i> , 2004 , 557, 571-82	3.9	170
19	Intense interval training enhances human skeletal muscle oxygen uptake in the initial phase of dynamic exercise at high but not at low intensities. <i>Journal of Physiology</i> , 2004 , 559, 335-45	3.9	91
18	Regulation of VEGF and bFGF mRNA expression and other proliferative compounds in skeletal muscle cells. <i>Angiogenesis</i> , 2004 , 7, 255-67	10.6	37
17	Effect of acute exercise and exercise training on VEGF splice variants in human skeletal muscle. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2004 , 287, R397-402	3.2	56
16	Formation of hydrogen peroxide and nitric oxide in rat skeletal muscle cells during contractions. <i>Free Radical Biology and Medicine</i> , 2003 , 35, 455-64	7.8	159

15	Cytochrome P450 2C9 plays an important role in the regulation of exercise-induced skeletal muscle blood flow and oxygen uptake in humans. <i>Journal of Physiology</i> , 2003 , 546, 307-14	3.9	97
14	Exercise but not prostanoids enhance levels of vascular endothelial growth factor and other proliferative agents in human skeletal muscle interstitium. <i>Journal of Physiology</i> , 2003 , 550, 217-25	3.9	80
13	Extracellular formation and uptake of adenosine during skeletal muscle contraction in the rat: role of adenosine transporters. <i>Journal of Physiology</i> , 2001 , 537, 597-605	3.9	55
12	Exercise-induced hyperaemia and leg oxygen uptake are not altered during effective inhibition of nitric oxide synthase with N(G)-nitro-L-arginine methyl ester in humans. <i>Journal of Physiology</i> , 2001 , 531, 257-64	3.9	102
11	Endurance training does not alter the level of neuronal nitric oxide synthase in human skeletal muscle. <i>Journal of Applied Physiology</i> , 2000 , 89, 1033-8	3.7	34
10	Inhibition of nitric oxide synthesis by systemic N(G)-monomethyl-L-arginine administration in humans: effects on interstitial adenosine, prostacyclin and potassium concentrations in resting and contracting skeletal muscle. <i>Journal of Vascular Research</i> , 2000 , 37, 297-302	1.9	47
9	Effect of tension on contraction-induced glucose transport in rat skeletal muscle. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 1999 , 277, E208-14	6	66
8	AMP deamination and purine exchange in human skeletal muscle during and after intense exercise. <i>Journal of Physiology</i> , 1999 , 520 Pt 3, 909-20	3.9	111
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1	Tendon blood flow, angiogenesis, and tendinopathy pathogenesis. <i>Translational Sports Medicine</i> ,	1.3	0