

# Stefan P Mortensen

## List of Publications by Year in descending order

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Version: 2024-02-01

30  
papers

1,590  
citations

361296  
20  
h-index

477173  
29  
g-index

30  
all docs

30  
docs citations

30  
times ranked

1791  
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	1.3	123
2	The effect on glycaemic control of low-volume high-intensity interval training versus endurance training in individuals with type 2 diabetes. <i>Diabetes, Obesity and Metabolism</i> , 2018, 20, 1131-1139.	2.2	122
3	Erythrocytes and the regulation of human skeletal muscle blood flow and oxygen delivery: role of erythrocyte count and oxygenation state of haemoglobin. <i>Journal of Physiology</i> , 2006, 572, 295-305.	1.3	105
4	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.	1.3	99
5	Haemodynamic responses to exercise, ATP infusion and thigh compression in humans: insight into the role of muscle mechanisms on cardiovascular function. <i>Journal of Physiology</i> , 2008, 586, 2405-2417.	1.3	92
6	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.	0.9	91
7	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.	1.3	91
8	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.	1.3	90
9	Inefficient functional sympatholysis is an overlooked cause of malperfusion in contracting skeletal muscle. <i>Journal of Physiology</i> , 2012, 590, 6269-6275.	1.3	90
10	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.	1.3	88
11	Regulation of the skeletal muscle blood flow in humans. <i>Experimental Physiology</i> , 2014, 99, 1552-1558.	0.9	77
12	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.	1.2	68
13	Intravascular ADP and soluble nucleotidases contribute to acute prothrombotic state during vigorous exercise in humans. <i>Journal of Physiology</i> , 2007, 579, 553-564.	1.3	64
14	Exercise training modulates functional sympatholysis and $\beta$ -adrenergic vasoconstrictor responsiveness in hypertensive and normotensive individuals. <i>Journal of Physiology</i> , 2014, 592, 3063-3073.	1.3	63
15	Interstitial and Plasma Adenosine Stimulate Nitric Oxide and Prostacyclin Formation in Human Skeletal Muscle. <i>Hypertension</i> , 2010, 56, 1102-1108.	1.3	50
16	Impaired formation of vasodilators in peripheral tissue in essential hypertension is normalized by exercise training. <i>Journal of Hypertension</i> , 2012, 30, 2007-2014.	0.3	36
17	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.	0.9	36
18	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.	1.3	33

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19	Blood temperature and perfusion to exercising and non-exercising human limbs. <i>Experimental Physiology</i> , 2015, 100, 1118-1131.	0.9	29
20	Skeletal Muscle Signaling and the Heart Rate and Blood Pressure Response to Exercise. <i>Hypertension</i> , 2013, 61, 1126-1133.	1.3	27
21	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.	1.8	23
22	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.	0.9	20
23	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.	2.9	18
24	Direct effect of incretin hormones on glucose and glycerol metabolism and hemodynamics. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2015, 308, E426-E433.	1.8	16
25	Effect of PDE5 inhibition on the modulation of sympathetic $\alpha$ -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.	1.5	10
26	High-Density Lipoprotein. <i>Circulation</i> , 2013, 128, 2349-2350.	1.6	9
27	Leg oxygen uptake in the initial phase of intense exercise is slowed by a marked reduction in oxygen delivery. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2013, 305, R313-R321.	0.9	9
28	Role of Endothelin-1 Receptors in Limiting Leg Blood Flow and Glucose Uptake during Hyperinsulinemia in Type 2 Diabetes. <i>Endocrinology</i> , 2022, , .	1.4	8
29	Aldosterone Induces Vasoconstriction in Individuals with Type 2 Diabetes: Effect of Acute Antioxidant Administration. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021, 106, e1262-e1270.	1.8	3
30	Response to: Control of muscle exercise hyperaemia: are the mechanisms found in transition?. <i>Experimental Physiology</i> , 2015, 100, 375-376.	0.9	0