Michelle Anne Keske

List of Publications by Year in Descending Order

46 papers	801 citations	17 h-index	27 g-index
50 ext. papers	998 ext. citations	5.3 avg, IF	4.28 L-index

#	Paper	IF	Citations
46	Impaired postprandial skeletal muscle vascular responses to a mixed meal challenge in normoglycaemic people with a parent with type 2 diabetes. *Diabetologia*, **2022**, 65, 216-225	10.3	0
45	Prior exercise enhances skeletal muscle microvascular blood flow and mitigates microvascular flow impairments induced by a high-glucose mixed meal in healthy young men. *Journal of Physiology*, **2021**, 599, 83-102	3.9	3
44	Reduced post-exercise muscle microvascular perfusion with compression is offset by increased muscle oxygen extraction: Assessment by contrast-enhanced ultrasound. *FASEB Journal*, **2021**, 35, e21499	8.9	2
43	Whole-Body Vibration Stimulates Microvascular Blood Flow in Skeletal Muscle. *Medicine and Science in Sports and Exercise*, **2021**, 53, 375-383	1.2	3
42	Reactive oxygen species in exercise and insulin resistance: Working towards personalized antioxidant treatment. *Redox Biology*, **2021**, 44, 102005	11.3	7
41	Role of skeletal muscle perfusion and insulin resistance in the effect of dietary sodium on heart function in overweight. *ESC Heart Failure*, **2021**,	3.7	3
40	Dietary Patterns Characterized by Fat Type in Association with Obesity and Type 2 Diabetes: A Longitudinal Study of UK Biobank Participants. *Journal of Nutrition*, **2021**, 151, 3570-3578	4.1	1
39	Effects of Vitamin C Supplementation on Glycemic Control and Cardiovascular Risk Factors in People With Type 2 Diabetes: A GRADE-Assessed Systematic Review and Meta-analysis of Randomized Controlled Trials. *Diabetes Care*, **2021**, 44, 618-630	14.6	19
38	Perfusion controls muscle glucose uptake by altering the rate of glucose dispersion in vivo. *American Journal of Physiology - Endocrinology and Metabolism*, **2020**, 318, E311-E312	6	3
37	Transcranial contrast-enhanced ultrasound in the rat brain reveals substantial hyperperfusion acutely post-stroke. *Journal of Cerebral Blood Flow and Metabolism*, **2020**, 40, 939-953	7.3	4
36	High-glucose mixed-nutrient meal ingestion impairs skeletal muscle microvascular blood flow in healthy young men. *American Journal of Physiology - Endocrinology and Metabolism*, **2020**, 318, E1014-E1021	6	5
35	Metabolic-vascular coupling in skeletal muscle: A potential role for capillary pericytes?. *Clinical and Experimental Pharmacology and Physiology*, **2020**, 47, 520-528	3	4
34	Postprandial microvascular blood flow in skeletal muscle: Similarities and disparities to the hyperinsulinaemic-euglycaemic clamp. *Clinical and Experimental Pharmacology and Physiology*, **2020**, 47, 725-737	3	5
33	Skeletal muscle microvascular perfusion responses to cuff occlusion and submaximal exercise assessed by contrast-enhanced ultrasound: The effect of age. *Physiological Reports*, **2020**, 8, e14580	2.6	3
32	The Effects of Restriction Pressures on the Acute Responses to Blood Flow Restriction Exercise. *Frontiers in Physiology*, **2019**, 10, 1018	4.6	20
31	Acute, local infusion of angiotensin II impairs microvascular and metabolic insulin sensitivity in skeletal muscle. *Cardiovascular Research*, **2019**, 115, 590-601	9.9	4
30	Impairments in Adipose Tissue Microcirculation in Type 2 Diabetes Mellitus Assessed by Real-Time Contrast-Enhanced Ultrasound. *Circulation: Cardiovascular Imaging*, **2018**, 11, e007074	3.9	8

29	FADS Polymorphism, Omega-3 Fatty Acids and Diabetes Risk: A Systematic Review. *Nutrients*, **2018**, 10,	6.7	28
28	Oral glucose challenge impairs skeletal muscle microvascular blood flow in healthy people. *American Journal of Physiology - Endocrinology and Metabolism*, **2018**, 315, E307-E315	6	17
27	Leg blood flow and skeletal muscle microvascular perfusion responses to submaximal exercise in peripheral arterial disease. *American Journal of Physiology - Heart and Circulatory Physiology*, **2018**, 315, H1425-H1433	5.2	17
26	Are the metabolic benefits of resistance training in type 2 diabetes linked to improvements in adipose tissue microvascular blood flow?. *American Journal of Physiology - Endocrinology and Metabolism*, **2018**, 315, E1242-E1250	6	1
25	Regulation of microvascular flow and metabolism: An overview. *Clinical and Experimental Pharmacology and Physiology*, **2017**, 44, 143-149	3	16
24	A New Method for Targeted and Sustained Induction of Type 2 Diabetes in Rodents. *Scientific Reports*, **2017**, 7, 14158	4.9	10
23	Determination of Skeletal Muscle Microvascular Flowmotion with Contrast-Enhanced Ultrasound. *Ultrasound in Medicine and Biology*, **2017**, 43, 2013-2023	3.5	6
22	Skeletal Muscle Microvascular-Linked Improvements in Glycemic Control From Resistance Training in Individuals With Type 2 Diabetes. *Diabetes Care*, **2017**, 40, 1256-1263	14.6	36
21	Acute vascular and metabolic actions of the green tea polyphenol epigallocatechin 3-gallate in rat skeletal muscle. *Journal of Nutritional Biochemistry*, **2017**, 40, 23-31	6.3	8
20	Brachial-to-radial systolic blood pressure amplification in patients with type 2 diabetes mellitus. *Journal of Human Hypertension*, **2016**, 30, 404-9	2.6	6
19	Muscle microvascular blood flow responses in insulin resistance and ageing. *Journal of Physiology*, **2016**, 594, 2223-31	3.9	41
18	Increased muscle blood supply and transendothelial nutrient and insulin transport induced by food intake and exercise: effect of obesity and ageing. *Journal of Physiology*, **2016**, 594, 2207-22	3.9	42
17	Association of Exercise Intolerance in Type 2 Diabetes With Skeletal Muscle Blood Flow Reserve. *JACC: Cardiovascular Imaging*, **2015**, 8, 913-21	8.4	21
16	No effect of NOS inhibition on skeletal muscle glucose uptake during in situ hindlimb contraction in healthy and diabetic Sprague-Dawley rats. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2015**, 308, R862-71	3.2	11
15	Enhancement of insulin-mediated rat muscle glucose uptake and microvascular perfusion by 5-aminoimidazole-4-carboxamide-1-Ð-D-ribofuranoside. *Cardiovascular Diabetology*, **2015**, 14, 91	8.7	4
14	Brachial-to-radial SBP amplification: implications of age and estimated central blood pressure from radial tonometry. *Journal of Hypertension*, **2015**, 33, 1876-83; discussion 1883	1.9	28
13	Vascular and metabolic actions of the green tea polyphenol epigallocatechin gallate. *Current Medicinal Chemistry*, **2015**, 22, 59-69	4.3	61
12	CrossTalk proposal: De novo capillary recruitment in healthy muscle is necessary. *Journal of Physiology*, **2014**, 592, 5129-31	3.9	9

11	A vascular mechanism for high-sodium-induced insulin resistance in rats. *Diabetologia*, **2014**, 57, 2586-95	10.3	21
10	Rebuttal from Eugene J. Barrett, Michelle A. Keske, Stephen Rattigan and Etto C. Eringa. *Journal of Physiology*, **2014**, 592, 5137-8	3.9	1
9	Muscle insulin resistance resulting from impaired microvascular insulin sensitivity in Sprague Dawley rats. *Cardiovascular Research*, **2013**, 98, 28-36	9.9	28
8	Local NOS inhibition impairs vascular and metabolic actions of insulin in rat hindleg muscle in vivo. *American Journal of Physiology - Endocrinology and Metabolism*, **2013**, 305, E745-50	6	28
7	Exercise aortic stiffness: reproducibility and relation to end-organ damage in men. *Journal of Human Hypertension*, **2013**, 27, 516-22	2.6	12
6	Microvascular contributions to insulin resistance. *Diabetes*, **2013**, 62, 343-5	0.9	11
5	Microvascular blood flow responses to muscle contraction are not altered by high-fat feeding in rats. *Diabetes, Obesity and Metabolism*, **2012**, 14, 753-61	6.7	15
4	Loss of insulin-mediated microvascular perfusion in skeletal muscle is associated with the development of insulin resistance. *Diabetes, Obesity and Metabolism*, **2010**, 12, 798-805	6.7	27
3	Age-related anabolic resistance after endurance-type exercise in healthy humans. *FASEB Journal*, **2010**, 24, 4117-27	0.9	67
2	Obesity blunts microvascular recruitment in human forearm muscle after a mixed meal. *Diabetes Care*, **2009**, 32, 1672-7	14.6	86
1	Clinical overview of algal-docosahexaenoic acid: effects on triglyceride levels and other cardiovascular risk factors. *American Journal of Therapeutics*, **2009**, 16, 183-92	1	46