

Michelle Anne Keske

List of Publications by Citations

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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.

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	Obesity blunts microvascular recruitment in human forearm muscle after a mixed meal. <i>Diabetes Care</i> , 2009 , 32, 1672-7	14.6	86
45	Age-related anabolic resistance after endurance-type exercise in healthy humans. <i>FASEB Journal</i> , 2010 , 24, 4117-27	0.9	67
44	Vascular and metabolic actions of the green tea polyphenol epigallocatechin gallate. <i>Current Medicinal Chemistry</i> , 2015 , 22, 59-69	4.3	61
43	Clinical overview of algal-docosahexaenoic acid: effects on triglyceride levels and other cardiovascular risk factors. <i>American Journal of Therapeutics</i> , 2009 , 16, 183-92	1	46
42	Increased muscle blood supply and transendothelial nutrient and insulin transport induced by food intake and exercise: effect of obesity and ageing. <i>Journal of Physiology</i> , 2016 , 594, 2207-22	3.9	42
41	Muscle microvascular blood flow responses in insulin resistance and ageing. <i>Journal of Physiology</i> , 2016 , 594, 2223-31	3.9	41
40	Skeletal Muscle Microvascular-Linked Improvements in Glycemic Control From Resistance Training in Individuals With Type 2 Diabetes. <i>Diabetes Care</i> , 2017 , 40, 1256-1263	14.6	36
39	FADS Polymorphism, Omega-3 Fatty Acids and Diabetes Risk: A Systematic Review. <i>Nutrients</i> , 2018 , 10,	6.7	28
38	Muscle insulin resistance resulting from impaired microvascular insulin sensitivity in Sprague Dawley rats. <i>Cardiovascular Research</i> , 2013 , 98, 28-36	9.9	28
37	Local NOS inhibition impairs vascular and metabolic actions of insulin in rat hindleg muscle in vivo. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2013 , 305, E745-50	6	28
36	Brachial-to-radial SBP amplification: implications of age and estimated central blood pressure from radial tonometry. <i>Journal of Hypertension</i> , 2015 , 33, 1876-83; discussion 1883	1.9	28
35	Loss of insulin-mediated microvascular perfusion in skeletal muscle is associated with the development of insulin resistance. <i>Diabetes, Obesity and Metabolism</i> , 2010 , 12, 798-805	6.7	27
34	Association of Exercise Intolerance in Type 2 Diabetes With Skeletal Muscle Blood Flow Reserve. <i>JACC: Cardiovascular Imaging</i> , 2015 , 8, 913-21	8.4	21
33	A vascular mechanism for high-sodium-induced insulin resistance in rats. <i>Diabetologia</i> , 2014 , 57, 2586-95	10.3	21
32	The Effects of Restriction Pressures on the Acute Responses to Blood Flow Restriction Exercise. <i>Frontiers in Physiology</i> , 2019 , 10, 1018	4.6	20
31	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. <i>Diabetes Care</i> , 2021 , 44, 618-630	14.6	19
30	Oral glucose challenge impairs skeletal muscle microvascular blood flow in healthy people. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2018 , 315, E307-E315	6	17

29	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
28	Regulation of microvascular flow and metabolism: An overview. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2017 , 44, 143-149	3	16
27	Microvascular blood flow responses to muscle contraction are not altered by high-fat feeding in rats. <i>Diabetes, Obesity and Metabolism</i> , 2012 , 14, 753-61	6.7	15
26	Exercise aortic stiffness: reproducibility and relation to end-organ damage in men. <i>Journal of Human Hypertension</i> , 2013 , 27, 516-22	2.6	12
25	No effect of NOS inhibition on skeletal muscle glucose uptake during in situ hindlimb contraction in healthy and diabetic Sprague-Dawley rats. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2015 , 308, R862-71	3.2	11
24	Microvascular contributions to insulin resistance. <i>Diabetes</i> , 2013 , 62, 343-5	0.9	11
23	A New Method for Targeted and Sustained Induction of Type 2 Diabetes in Rodents. <i>Scientific Reports</i> , 2017 , 7, 14158	4.9	10
22	CrossTalk proposal: De novo capillary recruitment in healthy muscle is necessary. <i>Journal of Physiology</i> , 2014 , 592, 5129-31	3.9	9
21	Impairments in Adipose Tissue Microcirculation in Type 2 Diabetes Mellitus Assessed by Real-Time Contrast-Enhanced Ultrasound. <i>Circulation: Cardiovascular Imaging</i> , 2018 , 11, e007074	3.9	8
20	Acute vascular and metabolic actions of the green tea polyphenol epigallocatechin 3-gallate in rat skeletal muscle. <i>Journal of Nutritional Biochemistry</i> , 2017 , 40, 23-31	6.3	8
19	Reactive oxygen species in exercise and insulin resistance: Working towards personalized antioxidant treatment. <i>Redox Biology</i> , 2021 , 44, 102005	11.3	7
18	Brachial-to-radial systolic blood pressure amplification in patients with type 2 diabetes mellitus. <i>Journal of Human Hypertension</i> , 2016 , 30, 404-9	2.6	6
17	Determination of Skeletal Muscle Microvascular Flowmotion with Contrast-Enhanced Ultrasound. <i>Ultrasound in Medicine and Biology</i> , 2017 , 43, 2013-2023	3.5	6
16	High-glucose mixed-nutrient meal ingestion impairs skeletal muscle microvascular blood flow in healthy young men. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2020 , 318, E1014-E1021	6.21	5
15	Postprandial microvascular blood flow in skeletal muscle: Similarities and disparities to the hyperinsulinaemic-euglycaemic clamp. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2020 , 47, 725-737	3	5
14	Transcranial contrast-enhanced ultrasound in the rat brain reveals substantial hyperperfusion acutely post-stroke. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2020 , 40, 939-953	7.3	4
13	Enhancement of insulin-mediated rat muscle glucose uptake and microvascular perfusion by 5-aminoimidazole-4-carboxamide-1- β -ribofuranoside. <i>Cardiovascular Diabetology</i> , 2015 , 14, 91	8.7	4
12	Metabolic-vascular coupling in skeletal muscle: A potential role for capillary pericytes?. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2020 , 47, 520-528	3	4

11	Acute, local infusion of angiotensin II impairs microvascular and metabolic insulin sensitivity in skeletal muscle. <i>Cardiovascular Research</i> , 2019 , 115, 590-601	9.9	4
10	Perfusion controls muscle glucose uptake by altering the rate of glucose dispersion in vivo. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2020 , 318, E311-E312	6	3
9	Prior exercise enhances skeletal muscle microvascular blood flow and mitigates microvascular flow impairments induced by a high-glucose mixed meal in healthy young men. <i>Journal of Physiology</i> , 2021 , 599, 83-102	3.9	3
8	Skeletal muscle microvascular perfusion responses to cuff occlusion and submaximal exercise assessed by contrast-enhanced ultrasound: The effect of age. <i>Physiological Reports</i> , 2020 , 8, e14580	2.6	3
7	Whole-Body Vibration Stimulates Microvascular Blood Flow in Skeletal Muscle. <i>Medicine and Science in Sports and Exercise</i> , 2021 , 53, 375-383	1.2	3
6	Role of skeletal muscle perfusion and insulin resistance in the effect of dietary sodium on heart function in overweight. <i>ESC Heart Failure</i> , 2021 ,	3.7	3
5	Reduced post-exercise muscle microvascular perfusion with compression is offset by increased muscle oxygen extraction: Assessment by contrast-enhanced ultrasound. <i>FASEB Journal</i> , 2021 , 35, e21499	0.9	2
4	Rebuttal from Eugene J. Barrett, Michelle A. Keske, Stephen Rattigan and Etto C. Eringa. <i>Journal of Physiology</i> , 2014 , 592, 5137-8	3.9	1
3	Are the metabolic benefits of resistance training in type 2 diabetes linked to improvements in adipose tissue microvascular blood flow?. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2018 , 315, E1242-E1250	6	1
2	Dietary Patterns Characterized by Fat Type in Association with Obesity and Type 2 Diabetes: A Longitudinal Study of UK Biobank Participants. <i>Journal of Nutrition</i> , 2021 , 151, 3570-3578	4.1	1
1	Impaired postprandial skeletal muscle vascular responses to a mixed meal challenge in normoglycaemic people with a parent with type 2 diabetes. <i>Diabetologia</i> , 2022 , 65, 216-225	10.3	0