

Jaume Padilla

List of Publications by Year in descending order

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Version: 2024-02-01

180
papers

6,969
citations

71102

41
h-index

74163

75
g-index

181
all docs

181
docs citations

181
times ranked

7659
citing authors

#	ARTICLE	IF	CITATIONS
1	Cystamine reduces vascular stiffness in Western diet-fed female mice. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2022, 322, H167-H180.	3.2	7
2	Role of Endothelin-1 Receptors in Limiting Leg Blood Flow and Glucose Uptake during Hyperinsulinemia in Type 2 Diabetes. <i>Endocrinology</i> , 2022, , .	2.8	8
3	Role of the Autonomic Nervous System in the Hemodynamic Response to Hyperinsulinemiaâ€™ Implications for Obesity and Insulin Resistance. <i>Current Diabetes Reports</i> , 2022, 22, 169-175.	4.2	9
4	Role of the arterial baroreflex in the sympathetic response to hyperinsulinemia in adult humans. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2022, 322, E355-E365.	3.5	6
5	SGLT2 inhibition attenuates arterial dysfunction and decreases vascular F-actin content and expression of proteins associated with oxidative stress in aged mice. <i>GeroScience</i> , 2022, 44, 1657-1675.	4.6	24
6	Endothelial HSP72 is not reduced in type 2 diabetes nor is it a key determinant of endothelial insulin sensitivity. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2022, 323, R43-R58.	1.8	8
7	Increased Muscle Sympathetic Nerve Activity with Acute Hyperinsulinemia: Role of Insulinâ€™stimulated Peripheral Vasodilation and the Response of the Arterial Baroreflex. <i>FASEB Journal</i> , 2022, 36, .	0.5	0
8	Effect of Hyperinsulinemia on Cerebral Autoregulation and Myogenic Control of Cerebral Blood Flow in Healthy Young Adults. <i>FASEB Journal</i> , 2022, 36, .	0.5	1
9	Identifying responders versus nonâ€™responders: Incorporation of controls is required for sound statistical inference. <i>Experimental Physiology</i> , 2021, 106, 375-376.	2.0	6
10	Voluntary Wheel Running Partially Compensates for the Effects of Global Estrogen Receptor- β Knockout on Cortical Bone in Young Male Mice. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1734.	4.1	8
11	Mineralocorticoid Receptor in Myeloid Cells Mediates Angiotensin II-Induced Vascular Dysfunction in Female Mice. <i>Frontiers in Physiology</i> , 2021, 12, 588358.	2.8	4
12	The right ventricular transcriptome signature in Ossabaw swine with cardiometabolic heart failure: implications for the coronary vasculature. <i>Physiological Genomics</i> , 2021, 53, 99-115.	2.3	4
13	Hyperinsulinemia blunts sympathetic vasoconstriction: a possible role of β^2 -adrenergic activation. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2021, 320, R771-R779.	1.8	10
14	Differential Vasomotor Effects of Insulin in the Peripheral and Cerebrovascular Circulations of Healthy Young Adults. <i>FASEB Journal</i> , 2021, 35, .	0.5	0
15	Loss of adropin causes arterial stiffening in mouse femoral and mesenteric arteries. <i>FASEB Journal</i> , 2021, 35, .	0.5	0
16	Cerebrovascular insufficiency and amyloidogenic signaling in Ossabaw swine with cardiometabolic heart failure. <i>JCI Insight</i> , 2021, 6, .	5.0	8
17	Sympathetic Transduction During Euglycemicâ€™Hyperinsulinemia in Humans. <i>FASEB Journal</i> , 2021, 35, .	0.5	1
18	Aerobic Exercise Restores Agingâ€™Associated Reductions in Arterial Adropin Levels and Improves Adropinâ€™Induced Nitric Oxideâ€™Dependent Vasorelaxation. <i>Journal of the American Heart Association</i> , 2021, 10, e020641.	3.7	18

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19	Leg Fidgeting During Prolonged Sitting Improves Postprandial Glycemic Control in People with Obesity. <i>Obesity</i> , 2021, 29, 1146-1154.	3.0	3
20	Role of ER β in adipocyte metabolic response to wheel running following ovariectomy. <i>Journal of Endocrinology</i> , 2021, 249, 223-237.	2.6	7
21	Mutation of the 5' untranslated region stem-loop mRNA structure reduces type I collagen deposition and arterial stiffness in male obese mice. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2021, 321, H435-H445.	3.2	4
22	Recruitment and remodeling of peridroplet mitochondria in human adipose tissue. <i>Redox Biology</i> , 2021, 46, 102087.	9.0	17
23	Eight weeks of fish oil supplementation does not prevent sitting-induced leg endothelial dysfunction. <i>Applied Physiology, Nutrition and Metabolism</i> , 2020, 45, 55-60.	1.9	10
24	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
25	Reply to "Letter to the editor: Sympathetically mediated increases in cardiac output, or peripheral vasoconstriction as primary regulator of BP during hyperinsulinemia?". <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2020, 319, H394-H395.	3.2	0
26	High-Intensity Interval Training Decreases Muscle Sympathetic Nerve Activity and Improves Peripheral Vascular Function in Patients With Heart Failure With Reduced Ejection Fraction. <i>Circulation: Heart Failure</i> , 2020, 13, e007121.	3.9	12
27	The Effects of Acute Exposure to Prolonged Sitting, With and Without Interruption, on Vascular Function Among Adults: A Meta-analysis. <i>Sports Medicine</i> , 2020, 50, 1929-1942.	6.5	67
28	Maintenance of endothelial function following acute resistance exercise in females is associated with a tempered blood pressure response. <i>Journal of Applied Physiology</i> , 2020, 129, 792-799.	2.5	9
29	TRAF3IP2 (TRAF3 Interacting Protein 2) Mediates Obesity-Associated Vascular Insulin Resistance and Dysfunction in Male Mice. <i>Hypertension</i> , 2020, 76, 1319-1329.	2.7	14
30	Sympathetically mediated increases in cardiac output, not restraint of peripheral vasodilation, contribute to blood pressure maintenance during hyperinsulinemia. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2020, 319, H162-H170.	3.2	14
31	LIMK (LIM Kinase) Inhibition Prevents Vasoconstriction- and Hypertension-Induced Arterial Stiffening and Remodeling. <i>Hypertension</i> , 2020, 76, 393-403.	2.7	22
32	Skeletal muscle microvascular insulin resistance in type 2 diabetes is not improved by eight weeks of regular walking. <i>Journal of Applied Physiology</i> , 2020, 129, 283-296.	2.5	15
33	Obesity and cardiovascular disease in women. <i>International Journal of Obesity</i> , 2020, 44, 1210-1226.	3.4	62
34	Effects of ER β and ER α on OVX-induced changes in adiposity and insulin resistance. <i>Journal of Endocrinology</i> , 2020, 245, 165-178.	2.6	23
35	Western Diet-Fed, Aortic-Banded Ossabaw Swine. <i>JACC Basic To Translational Science</i> , 2019, 4, 404-421.	4.1	48
36	Overproduction of endothelin-1 impairs glucose tolerance but does not promote visceral adipose tissue inflammation or limit metabolic adaptations to exercise. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2019, 317, E548-E558.	3.5	9

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37	Persistent insulin signaling coupled with restricted PI3K activation causes insulin-induced vasoconstriction. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2019, 317, H1166-H1172.	3.2	17
38	Chronic Elevation of Endothelin-1 Alone May Not Be Sufficient to Impair Endothelium-Dependent Relaxation. <i>Hypertension</i> , 2019, 74, 1409-1419.	2.7	8
39	A Thermogenic-Like Brown Adipose Tissue Phenotype Is Dispensable for Enhanced Glucose Tolerance in Female Mice. <i>Diabetes</i> , 2019, 68, 1717-1729.	0.6	12
40	Beta 3 Adrenergic Receptor Activation Rescues Metabolic Dysfunction in Female Estrogen Receptor Alpha-Null Mice. <i>Frontiers in Physiology</i> , 2019, 10, 9.	2.8	20
41	Sexual Dimorphism in Obesity-Associated Endothelial ENaC Activity and Stiffening in Mice. <i>Endocrinology</i> , 2019, 160, 2918-2928.	2.8	22
42	Exercise and Vascular Insulin Sensitivity in the Skeletal Muscle and Brain. <i>Exercise and Sport Sciences Reviews</i> , 2019, 47, 66-74.	3.0	14
43	Metabolic Implications of Diet and Energy Intake during Physical Inactivity. <i>Medicine and Science in Sports and Exercise</i> , 2019, 51, 995-1005.	0.4	10
44	Aerobic exercise training improves insulin-induced vasorelaxation in a vessel-specific manner in rats with insulin-treated experimental diabetes. <i>Diabetes and Vascular Disease Research</i> , 2019, 16, 77-86.	2.0	8
45	Increased endothelial shear stress improves insulin-stimulated vasodilatation in skeletal muscle. <i>Journal of Physiology</i> , 2019, 597, 57-69.	2.9	22
46	Estrogen receptor- β signaling maintains immunometabolic function in males and is obligatory for exercise-induced amelioration of nonalcoholic fatty liver. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2019, 316, E156-E167.	3.5	31
47	The targeted inhibition of neuraminidase reverses endothelial glycocalyx degradation and improves endothelial function in type 2 diabetes. <i>FASEB Journal</i> , 2019, 33, 527.16.	0.5	2
48	A thermogenic-like brown adipose tissue phenotype is dispensable for enhanced glucose tolerance in female mice. <i>FASEB Journal</i> , 2019, 33, lb564.	0.5	0
49	ADAM17 Cleaves the Insulin Receptor β -Subunit on Endothelial Cells and Induces Vascular Insulin Resistance in Type 2 Diabetes. <i>FASEB Journal</i> , 2019, 33, 685.7.	0.5	1
50	Activation of protein kinase C impairs endothelium-dependent vasorelaxation in isolated human omental resistance arteries. <i>FASEB Journal</i> , 2019, 33, 685.16.	0.5	1
51	Omental Arteries from Diabetic Hypertensive Subjects are Larger and Stiffer than those from Non-Diabetic Normotensives. <i>FASEB Journal</i> , 2019, 33, 517.10.	0.5	0
52	Endothelin A Receptor Blockade Improves Insulin-Stimulated Blood Flow in Patients with Type 2 Diabetes. <i>FASEB Journal</i> , 2019, 33, 696.24.	0.5	0
53	LIM Kinase Inhibition Diminishes Hypertension and Vasoconstriction-Induced Inward Remodeling in Mouse and Human Resistance Arteries. <i>FASEB Journal</i> , 2019, 33, 517.7.	0.5	0
54	Right Ventricular Hypertrophy is Associated with Increased MAPK8, Fibronectin, and Extracellular Matrix Regulatory Biomarker (MMP/TIMP) mRNA Levels in a Pre-Clinical Swine Model of HFpEF. <i>FASEB Journal</i> , 2019, 33, 530.4.	0.5	1

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55	Increased Left Ventricular mRNA Levels of the Inflammatory Biomarkers Pentraxin β and Interleukin 1 Receptor α -Like 1 are Correlated with Diastolic Dysfunction in a Pre \AA Clinical Swine Model of HFpEF. FASEB Journal, 2019, 33, 532.13.	0.5	0
56	The Effect of Leg Fidgeting During Sitting on Glycemic Control in Obese Subjects \AA A Pilot Study. FASEB Journal, 2019, 33, 1b447.	0.5	0
57	Age \AA Related Changes in Skeletal Muscle and Small Mesenteric Arterial Function in Spontaneously Hypertensive Rats. FASEB Journal, 2019, 33, 1b456.	0.5	0
58	Voluntary wheel running improves adipose tissue immunometabolism in ovariectomized low-fit rats. Adipocyte, 2018, 7, 20-34.	2.8	10
59	TRAF3IP2 mediates high glucose-induced endothelin-1 production as well as endothelin-1-induced inflammation in endothelial cells. American Journal of Physiology - Heart and Circulatory Physiology, 2018, 314, H52-H64.	3.2	29
60	Endothelial dysfunction occurs independently of adipose tissue inflammation and insulin resistance in ovariectomized Yucatan miniature-swine. Adipocyte, 2018, 7, 35-44.	2.8	1
61	Microvascular insulin resistance in skeletal muscle and brain occurs early in the development of juvenile obesity in pigs. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2018, 314, R252-R264.	1.8	33
62	Young Ossabaw Pigs Fed a Western Diet Exhibit Early Signs of Diabetic Retinopathy. , 2018, 59, 2325.		16
63	When gain is greater than loss: effects of physical activity on insulin sensitivity after short \AA term inactivity in older subjects. Journal of Physiology, 2018, 596, 5071-5072.	2.9	0
64	Removal of interscapular brown adipose tissue increases aortic stiffness despite normal systemic glucose metabolism in mice. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2018, 314, R584-R597.	1.8	22
65	Glycemic control by the SGLT2 inhibitor empagliflozin decreases aortic stiffness, renal resistivity index and kidney injury. Cardiovascular Diabetology, 2018, 17, 108.	6.8	112
66	Effect of carbohydrate restriction-induced weight loss on aortic pulse wave velocity in overweight men and women. Applied Physiology, Nutrition and Metabolism, 2018, 43, 1247-1256.	1.9	14
67	Increased susceptibility to OVX-associated metabolic dysfunction in UCP1-null mice. Journal of Endocrinology, 2018, 239, 107-120.	2.6	9
68	Brief periods of inactivity reduce leg microvascular, but not macrovascular, function in healthy young men. Experimental Physiology, 2018, 103, 1425-1434.	2.0	30
69	Alterations to Protein Level and Cellular Location of the BK Ca β Subunit in the Coronary Vasculature are Dependent on Sex Hormones, Metabolic Status, and Species: A Retrospective Study in Multiple Swine Models of Pressure Overload \AA Induced Heart Failure. FASEB Journal, 2018, 32, 579.2.	0.5	0
70	The effects of localized heating on insulin \AA stimulated leg blood flow. FASEB Journal, 2018, 32, 1b331.	0.5	0
71	Endothelium \AA dependent vasorelaxation and blood pressure are preserved in mice with chronic hyperendothelinemia. FASEB Journal, 2018, 32, 1b327.	0.5	0
72	Regular exercise reduces adipose tissue inflammation and improves glycemic control in Western diet \AA fed mice despite hyperendothelinemia. FASEB Journal, 2018, 32, 1b570.	0.5	0

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73	Weight maintenance diets prevent short-term physical inactivity-induced glycemic dysregulation in young healthy subjects. <i>FASEB Journal</i> , 2018, 32, 724-10.	0.5	0
74	Induction of inward arterial remodeling is ameliorated in vivo by inhibition of actin polymerization dynamics in a mouse model of hypertension. <i>FASEB Journal</i> , 2018, 32, lb278.	0.5	0
75	Evidence of Increased Prefrontal Cortex Inflammation and Amyloid Precursor Protein Processing in a Translational Swine Model of Heart Failure with Preserved Ejection Fraction. <i>FASEB Journal</i> , 2018, 32, 545.4.	0.5	0
76	Obesity, type 2 diabetes, and impaired insulin-stimulated blood flow: role of skeletal muscle NO synthase and endothelin-1. <i>Journal of Applied Physiology</i> , 2017, 122, 38-47.	2.5	53
77	Vascular Adaptation to Exercise in Humans: Role of Hemodynamic Stimuli. <i>Physiological Reviews</i> , 2017, 97, 495-528.	28.8	456
78	Loss of UCP1 exacerbates Western diet-induced glycemic dysregulation independent of changes in body weight in female mice. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2017, 312, R74-R84.	1.8	50
79	Transcriptomic effects of metformin in skeletal muscle arteries of obese insulin-resistant rats. <i>Experimental Biology and Medicine</i> , 2017, 242, 617-624.	2.4	3
80	Absence of Endothelial ERK1/2 Results in Arterial Remodeling and Decreased Stiffness in Western Diet-Fed Male Mice. <i>Endocrinology</i> , 2017, 158, 1875-1885.	2.8	10
81	Impaired popliteal artery flow-mediated dilation caused by reduced daily physical activity is prevented by increased shear stress. <i>Journal of Applied Physiology</i> , 2017, 123, 49-54.	2.5	35
82	Influence of sex on microvascular and macrovascular responses to prolonged sitting. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2017, 312, H800-H805.	3.2	81
83	Prior exercise and standing as strategies to circumvent sitting-induced leg endothelial dysfunction. <i>Clinical Science</i> , 2017, 131, 1045-1053.	4.3	58
84	Prolonged leg bending impairs endothelial function in the popliteal artery. <i>Physiological Reports</i> , 2017, 5, e13478.	1.7	38
85	Soy Improves Cardiometabolic Health and Cecal Microbiota in Female Low-Fit Rats. <i>Scientific Reports</i> , 2017, 7, 9261.	3.3	43
86	Prolonged sitting leg vasculopathy: contributing factors and clinical implications. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2017, 313, H722-H728.	3.2	73
87	Anti-inflammatory effects of exercise training in adipose tissue do not require FGF21. <i>Journal of Endocrinology</i> , 2017, 235, 97-109.	2.6	22
88	Deletion of UCP1 enhances ex vivo aortic vasomotor function in female but not male mice despite similar susceptibility to metabolic dysfunction. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2017, 313, E402-E412.	3.5	17
89	Vascular cell transcriptomic changes to exercise training differ directionally along and between skeletal muscle arteriolar trees. <i>Microcirculation</i> , 2017, 24, e12336.	1.8	7
90	Increased monocyte-derived reactive oxygen species in type 2 diabetes: role of endoplasmic reticulum stress. <i>Experimental Physiology</i> , 2017, 102, 139-153.	2.0	14

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91	Prolonged Sitting Results in Microvascular, but not Macrovascular, Dysfunction in Healthy Young Women. <i>FASEB Journal</i> , 2017, 31, .	0.5	0
92	Ovariectomized Highly Fit Rats Are Protected against Diet-Induced Insulin Resistance. <i>Medicine and Science in Sports and Exercise</i> , 2016, 48, 1259-1269.	0.4	12
93	Prolonged sitting-induced leg endothelial dysfunction is prevented by fidgeting. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2016, 311, H177-H182.	3.2	122
94	Administration of tauroursodeoxycholic acid prevents endothelial dysfunction caused by an oral glucose load. <i>Clinical Science</i> , 2016, 130, 1881-1888.	4.3	34
95	Comparison of Diet versus Exercise on Metabolic Function and Gut Microbiota in Obese Rats. <i>Medicine and Science in Sports and Exercise</i> , 2016, 48, 1688-1698.	0.4	97
96	Ablation of eNOS does not promote adipose tissue inflammation. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2016, 310, R744-R751.	1.8	9
97	Regular Exercise Reduces Endothelial Cortical Stiffness in Western Diet- <i>“Fed Female Mice. Hypertension</i> , 2016, 68, 1236-1244.	2.7	32
98	Endothelial Estrogen Receptor- α Does Not Protect Against Vascular Stiffness Induced by Western Diet in Female Mice. <i>Endocrinology</i> , 2016, 157, 1590-1600.	2.8	22
99	Effects of intrinsic aerobic capacity and ovariectomy on voluntary wheel running and nucleus accumbens dopamine receptor gene expression. <i>Physiology and Behavior</i> , 2016, 164, 383-389.	2.1	30
100	Effects of ovariectomy and intrinsic aerobic capacity on tissue-specific insulin sensitivity. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2016, 310, E190-E199.	3.5	21
101	Endothelial dysfunction following prolonged sitting is mediated by a reduction in shear stress. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2016, 310, H648-H653.	3.2	120
102	Loss of Nlrp3 Does Not Protect Mice from Western Diet-Induced Adipose Tissue Inflammation and Glucose Intolerance. <i>PLoS ONE</i> , 2016, 11, e0161939.	2.5	21
103	Role of habitual physical activity in modulating vascular actions of insulin. <i>Experimental Physiology</i> , 2015, 100, 759-771.	2.0	29
104	Disconnect between adipose tissue inflammation and cardiometabolic dysfunction in Ossabaw pigs. <i>Obesity</i> , 2015, 23, 2421-2429.	3.0	30
105	Microvascular Dilator Function in Athletes. <i>Medicine and Science in Sports and Exercise</i> , 2015, 47, 1485-1494.	0.4	34
106	Physical Activity Differentially Affects the Cecal Microbiota of Ovariectomized Female Rats Selectively Bred for High and Low Aerobic Capacity. <i>PLoS ONE</i> , 2015, 10, e0136150.	2.5	64
107	Role of Perivascular Adipose Tissue on Vascular Reactive Oxygen Species in Type 2 Diabetes: A Give-and-Take Relationship. <i>Diabetes</i> , 2015, 64, 1904-1906.	0.6	15
108	Characterizing rapid-onset vasodilation to single muscle contractions in the human leg. <i>Journal of Applied Physiology</i> , 2015, 118, 455-464.	2.5	30

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109	Chronic NOS inhibition accelerates NAFLD progression in an obese rat model. <i>American Journal of Physiology - Renal Physiology</i> , 2015, 308, G540-G549.	3.4	28
110	Myogenic responses occur on a beat-to-beat basis in the resting human limb. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2015, 308, H59-H67.	3.2	17
111	Mineralocorticoid Receptor Antagonism Treats Obesity-Associated Cardiac Diastolic Dysfunction. <i>Hypertension</i> , 2015, 65, 1082-1088.	2.7	84
112	Female rats selectively bred for high intrinsic aerobic fitness are protected from ovariectomy-associated metabolic dysfunction. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2015, 308, R530-R542.	1.8	44
113	Reply to "Letter to the editor: Myogenic responses occur on a beat-to-beat basis in the resting human limb". <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2015, 308, H554-H555.	3.2	1
114	Impact of prolonged sitting on lower and upper limb micro- and macrovascular dilator function. <i>Experimental Physiology</i> , 2015, 100, 829-838.	2.0	156
115	Retention of sedentary obese visceral white adipose tissue phenotype with intermittent physical activity despite reduced adiposity. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2015, 309, R594-R602.	1.8	28
116	Divergent role of nitric oxide in insulin-stimulated aortic vasorelaxation between low- and high-intrinsic aerobic capacity rats. <i>Physiological Reports</i> , 2015, 3, e12459.	1.7	6
117	Exercise-induced differential changes in gene expression among arterioles of skeletal muscles of obese rats. <i>Journal of Applied Physiology</i> , 2015, 119, 583-603.	2.5	20
118	Exercise training causes differential changes in gene expression in diaphragm arteries and 2A arterioles of obese rats. <i>Journal of Applied Physiology</i> , 2015, 119, 604-616.	2.5	10
119	Intermittent Physical Activity Produces a Leaner but "Sedentary Obese" White Adipose Tissue Phenotype. <i>FASEB Journal</i> , 2015, 29, 1055.16.	0.5	0
120	Prolonged Sitting Impairs Forearm and Lower Leg Microvascular Reactivity. <i>FASEB Journal</i> , 2015, 29, 994.11.	0.5	0
121	Plasma from Type 2 Diabetes Patients Increase Monocyte-Derived Superoxide Production via ER Stress-NADPH Oxidase Pathway. <i>FASEB Journal</i> , 2015, 29, 805.6.	0.5	0
122	Identification of genes whose expression is altered by obesity throughout the arterial tree. <i>Physiological Genomics</i> , 2014, 46, 821-832.	2.3	22
123	Differential vasomotor effects of insulin on gastrocnemius and soleus feed arteries in the OLETF rat model: role of endothelin-1. <i>Experimental Physiology</i> , 2014, 99, 262-271.	2.0	18
124	Differential regulation of adipose tissue and vascular inflammatory gene expression by chronic systemic inhibition of NOS in lean and obese rats. <i>Physiological Reports</i> , 2014, 2, e00225.	1.7	15
125	Exercise training and vascular cell phenotype in a swine model of familial hypercholesterolaemia: conduit arteries and veins. <i>Experimental Physiology</i> , 2014, 99, 454-465.	2.0	9
126	Adipose tissue and vascular phenotypic modulation by voluntary physical activity and dietary restriction in obese insulin-resistant OLETF rats. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2014, 306, R596-R606.	1.8	33

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127	Flow-Mediated Dilation in Athletes. <i>Medicine and Science in Sports and Exercise</i> , 2014, 46, 2148-2158.	0.4	44
128	Blood pressure regulation VIII: resistance vessel tone and implications for a pro-atherogenic conduit artery endothelial cell phenotype. <i>European Journal of Applied Physiology</i> , 2014, 114, 531-544.	2.5	26
129	Transcriptome-wide RNA sequencing analysis of rat skeletal muscle feed arteries. II. Impact of exercise training in obesity. <i>Journal of Applied Physiology</i> , 2014, 116, 1033-1047.	2.5	25
130	Transcriptome-wide RNA sequencing analysis of rat skeletal muscle feed arteries. I. Impact of obesity. <i>Journal of Applied Physiology</i> , 2014, 116, 1017-1032.	2.5	23
131	Unique transcriptomic signature of omental adipose tissue in Ossabaw swine: a model of childhood obesity. <i>Physiological Genomics</i> , 2014, 46, 362-375.	2.3	37
132	Delayed vasodilation is associated with cardiovascular risk. <i>European Journal of Clinical Investigation</i> , 2014, 44, 549-556.	3.4	20
133	Low intrinsic aerobic fitness increases susceptibility to OVX-induced obesity and insulin resistance in the absence of adipose tissue inflammation (1028.3). <i>FASEB Journal</i> , 2014, 28, 1028.3.	0.5	0
134	Differential changes in vascular mRNA levels between rat iliac and renal arteries produced by cessation of voluntary running. <i>Experimental Physiology</i> , 2013, 98, 337-347.	2.0	29
135	Exercise training does not increase muscle FNDC5 protein or mRNA expression in pigs. <i>Metabolism: Clinical and Experimental</i> , 2013, 62, 1503-1511.	3.4	40
136	Divergent phenotype of rat thoracic and abdominal perivascular adipose tissues. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2013, 304, R543-R552.	1.8	129
137	Elevated skeletal muscle irisin precursor FNDC5 mRNA in obese OLETF rats. <i>Metabolism: Clinical and Experimental</i> , 2013, 62, 1052-1056.	3.4	69
138	Disturbed Blood Flow Acutely Induces Activation and Apoptosis of the Human Vascular Endothelium. <i>Hypertension</i> , 2013, 61, 615-621.	2.7	121
139	Norepinephrine increases NADPH oxidase-derived superoxide in human peripheral blood mononuclear cells via β_1 -adrenergic receptors. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2013, 305, R1124-R1132.	1.8	47
140	Influence of regular physical activity and caloric restriction on β_1 -adrenergic and natriuretic peptide receptor expression in retroperitoneal adipose tissue of OLETF rats. <i>Experimental Physiology</i> , 2013, 98, 1576-1584.	2.0	7
141	Vascular transcriptional alterations produced by juvenile obesity in Ossabaw swine. <i>Physiological Genomics</i> , 2013, 45, 434-446.	2.3	36
142	Impact of reduced daily physical activity on conduit artery flow-mediated dilation and circulating endothelial microparticles. <i>Journal of Applied Physiology</i> , 2013, 115, 1519-1525.	2.5	100
143	Spontaneous bursts of muscle sympathetic nerve activity decrease leg vascular conductance in resting humans. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2013, 304, H759-H766.	3.2	106
144	Influence of spontaneously occurring bursts of muscle sympathetic nerve activity on conduit artery diameter. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2013, 305, H867-H874.	3.2	26

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