

R Scott Rector

List of Publications by Citations

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142
papers

4,347
citations

37
h-index

60
g-index

147
ext. papers

5,068
ext. citations

4.2
avg, IF

5.42
L-index

#	Paper	IF	Citations
142	Mitochondrial dysfunction precedes insulin resistance and hepatic steatosis and contributes to the natural history of non-alcoholic fatty liver disease in an obese rodent model. <i>Journal of Hepatology</i> , 2010 , 52, 727-36	13.4	317
141	Nonalcoholic fatty liver disease and mitochondrial dysfunction. <i>World Journal of Gastroenterology</i> , 2008 , 14, 193-9	5.6	245
140	Non-alcoholic fatty liver disease and the metabolic syndrome: an update. <i>World Journal of Gastroenterology</i> , 2008 , 14, 185-92	5.6	237
139	Daily exercise increases hepatic fatty acid oxidation and prevents steatosis in Otsuka Long-Evans Tokushima Fatty rats. <i>American Journal of Physiology - Renal Physiology</i> , 2008 , 294, G619-26	5.1	207
138	Sodium glucose transporter 2 (SGLT2) inhibition with empagliflozin improves cardiac diastolic function in a female rodent model of diabetes. <i>Cardiovascular Diabetology</i> , 2017 , 16, 9	8.7	134
137	Reduced physical activity and risk of chronic disease: the biology behind the consequences. <i>European Journal of Applied Physiology</i> , 2008 , 102, 381-90	3.4	133
136	Rats selectively bred for low aerobic capacity have reduced hepatic mitochondrial oxidative capacity and susceptibility to hepatic steatosis and injury. <i>Journal of Physiology</i> , 2009 , 587, 1805-16	3.9	120
135	Daily exercise vs. caloric restriction for prevention of nonalcoholic fatty liver disease in the OLETF rat model. <i>American Journal of Physiology - Renal Physiology</i> , 2011 , 300, G874-83	5.1	103
134	Participation in road cycling vs running is associated with lower bone mineral density in men. <i>Metabolism: Clinical and Experimental</i> , 2008 , 57, 226-32	12.7	99
133	Exercise and diet induced weight loss improves measures of oxidative stress and insulin sensitivity in adults with characteristics of the metabolic syndrome. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2007 , 293, E500-6	6	93
132	Cessation of daily exercise dramatically alters precursors of hepatic steatosis in Otsuka Long-Evans Tokushima Fatty (OLETF) rats. <i>Journal of Physiology</i> , 2008 , 586, 4241-9	3.9	78
131	Pathogenesis and Prevention of Hepatic Steatosis. <i>Gastroenterology and Hepatology</i> , 2015 , 11, 167-75	0.7	66
130	Does physical inactivity cause nonalcoholic fatty liver disease?. <i>Journal of Applied Physiology</i> , 2011 , 111, 1828-35	3.7	65
129	Changes in visceral adipose tissue mitochondrial content with type 2 diabetes and daily voluntary wheel running in OLETF rats. <i>Journal of Physiology</i> , 2009 , 587, 3729-39	3.9	61
128	Dipeptidyl peptidase-4 inhibition ameliorates Western diet-induced hepatic steatosis and insulin resistance through hepatic lipid remodeling and modulation of hepatic mitochondrial function. <i>Diabetes</i> , 2015 , 64, 1988-2001	0.9	59
127	Energy-matched moderate and high intensity exercise training improves nonalcoholic fatty liver disease risk independent of changes in body mass or abdominal adiposity - A randomized trial. <i>Metabolism: Clinical and Experimental</i> , 2018 , 78, 128-140	12.7	58
126	Elevated skeletal muscle irisin precursor FNDC5 mRNA in obese OLETF rats. <i>Metabolism: Clinical and Experimental</i> , 2013 , 62, 1052-6	12.7	57

125	Prebiotic and probiotic treatment of nonalcoholic fatty liver disease: a systematic review and meta-analysis. <i>Nutrition Reviews</i> , 2018 , 76, 822-839	6.4	56
124	Cessation of daily wheel running differentially alters fat oxidation capacity in liver, muscle, and adipose tissue. <i>Journal of Applied Physiology</i> , 2009 , 106, 161-8	3.7	55
123	Altered hepatic lipid metabolism contributes to nonalcoholic fatty liver disease in leptin-deficient Ob/Ob mice. <i>Journal of Obesity</i> , 2013 , 2013, 296537	3.7	54
122	Combining metformin and aerobic exercise training in the treatment of type 2 diabetes and NAFLD in OLETF rats. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2014 , 306, E300-10	6	53
121	Treating NAFLD in OLETF rats with vigorous-intensity interval exercise training. <i>Medicine and Science in Sports and Exercise</i> , 2015 , 47, 556-67	1.2	50
120	Postdinner resistance exercise improves postprandial risk factors more effectively than predinner resistance exercise in patients with type 2 diabetes. <i>Journal of Applied Physiology</i> , 2015 , 118, 624-34	3.7	48
119	Daily physical activity enhances reactivity to insulin in skeletal muscle arterioles of hyperphagic Otsuka Long-Evans Tokushima Fatty rats. <i>Journal of Applied Physiology</i> , 2010 , 109, 1203-10	3.7	47
118	One bout of exercise alters free-living postprandial glycemia in type 2 diabetes. <i>Medicine and Science in Sports and Exercise</i> , 2014 , 46, 232-8	1.2	46
117	Mitochondria and redox signaling in steatohepatitis. <i>Antioxidants and Redox Signaling</i> , 2011 , 15, 485-504	4.4	46
116	The role of angiotensin II in nonalcoholic steatohepatitis. <i>Molecular and Cellular Endocrinology</i> , 2013 , 378, 29-40	4.4	44
115	Intrinsic aerobic capacity impacts susceptibility to acute high-fat diet-induced hepatic steatosis. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2014 , 307, E355-64	6	43
114	Effects of endurance exercise training, metformin, and their combination on adipose tissue leptin and IL-10 secretion in OLETF rats. <i>Journal of Applied Physiology</i> , 2012 , 113, 1873-83	3.7	42
113	Changes in skeletal muscle mitochondria in response to the development of type 2 diabetes or prevention by daily wheel running in hyperphagic OLETF rats. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2010 , 298, E1179-87	6	42
112	Sex differences in exercise-induced muscle pain and muscle damage. <i>Journal of Pain</i> , 2012 , 13, 1242-9	5.2	41
111	Selective hepatic insulin resistance in a murine model heterozygous for a mitochondrial trifunctional protein defect. <i>Hepatology</i> , 2013 , 57, 2213-23	11.2	41
110	Exercise and the metabolic syndrome with weight regain. <i>Journal of Applied Physiology</i> , 2010 , 109, 3-10	3.7	41
109	Exercise training does not reduce hyperlipidemia in pigs fed a high-fat diet. <i>Metabolism: Clinical and Experimental</i> , 2002 , 51, 1587-95	12.7	40
108	Gestational exercise protects adult male offspring from high-fat diet-induced hepatic steatosis. <i>Journal of Hepatology</i> , 2016 , 64, 171-8	13.4	39

107	Mitochondrial trifunctional protein defects: clinical implications and therapeutic approaches. <i>Advanced Drug Delivery Reviews</i> , 2008 , 60, 1488-96	18.5	39
106	Exercise-induced attenuation of obesity, hyperinsulinemia, and skeletal muscle lipid peroxidation in the OLETF rat. <i>Journal of Applied Physiology</i> , 2008 , 104, 708-15	3.7	38
105	Skeletal muscle mitochondrial and metabolic responses to a high-fat diet in female rats bred for high and low aerobic capacity. <i>Applied Physiology, Nutrition and Metabolism</i> , 2010 , 35, 151-62	3	34
104	Unique transcriptomic signature of omental adipose tissue in Ossabaw swine: a model of childhood obesity. <i>Physiological Genomics</i> , 2014 , 46, 362-75	3.6	32
103	Lean body mass and weight-bearing activity in the prediction of bone mineral density in physically active men. <i>Journal of Strength and Conditioning Research</i> , 2009 , 23, 427-35	3.2	32
102	Impact of various exercise modalities on hepatic mitochondrial function. <i>Medicine and Science in Sports and Exercise</i> , 2014 , 46, 1089-97	1.2	31
101	Aerobic exercise training in the treatment of non-alcoholic fatty liver disease related fibrosis. <i>Journal of Physiology</i> , 2016 , 594, 5271-84	3.9	31
100	Vascular transcriptional alterations produced by juvenile obesity in Ossabaw swine. <i>Physiological Genomics</i> , 2013 , 45, 434-46	3.6	30
99	Physical activity maintains aortic endothelium-dependent relaxation in the obese type 2 diabetic OLETF rat. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2010 , 298, H1889-901	5.2	30
98	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, R596-606	3.2	28
97	Modulating fibroblast growth factor 21 in hyperphagic OLETF rats with daily exercise and caloric restriction. <i>Applied Physiology, Nutrition and Metabolism</i> , 2012 , 37, 1054-62	3	28
96	Combining metformin therapy with caloric restriction for the management of type 2 diabetes and nonalcoholic fatty liver disease in obese rats. <i>Applied Physiology, Nutrition and Metabolism</i> , 2015 , 40, 1038-47	3	27
95	Weight-bearing, aerobic exercise increases markers of bone formation during short-term weight loss in overweight and obese men and women. <i>Metabolism: Clinical and Experimental</i> , 2006 , 55, 1616-8	12.7	27
94	Disconnect between adipose tissue inflammation and cardiometabolic dysfunction in Ossabaw pigs. <i>Obesity</i> , 2015 , 23, 2421-9	8	26
93	Exercise Combats Hepatic Steatosis: Potential Mechanisms and Clinical Implications. <i>Diabetes</i> , 2020 , 69, 517-524	0.9	25
92	Western Diet-Fed, Aortic-Banded Ossabaw Swine: A Preclinical Model of Cardio-Metabolic Heart Failure. <i>JACC Basic To Translational Science</i> , 2019 , 4, 404-421	8.7	25
91	Functional adaptations in the skeletal muscle microvasculature to endurance and interval sprint training in the type 2 diabetic OLETF rat. <i>Journal of Applied Physiology</i> , 2012 , 113, 1223-32	3.7	24
90	Metabolic inflexibility in skeletal muscle: a prelude to the cardiometabolic syndrome?. <i>Journal of the Cardiometabolic Syndrome</i> , 2006 , 1, 184-9		24

89	High-saturated-fat diet-induced obesity causes hepatic interleukin-6 resistance via endoplasmic reticulum stress. <i>Journal of Lipid Research</i> , 2019 , 60, 1236-1249	6.3	23
88	Voluntary wheel running attenuates lipopolysaccharide-induced liver inflammation in mice. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2016 , 310, R934-42	3.2	23
87	Soy compared with milk protein in a Western diet changes fecal microbiota and decreases hepatic steatosis in obese OLETF rats. <i>Journal of Nutritional Biochemistry</i> , 2017 , 46, 125-136	6.3	22
86	Transcriptome-wide RNA sequencing analysis of rat skeletal muscle feed arteries. I. Impact of obesity. <i>Journal of Applied Physiology</i> , 2014 , 116, 1017-32	3.7	22
85	Aerobic capacity mediates susceptibility for the transition from steatosis to steatohepatitis. <i>Journal of Physiology</i> , 2017 , 595, 4909-4926	3.9	21
84	Obesity-related changes in bone structural and material properties in hyperphagic OLETF rats and protection by voluntary wheel running. <i>Metabolism: Clinical and Experimental</i> , 2015 , 64, 905-16	12.7	21
83	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, 1033-47	3.7	21
82	Microvascular insulin resistance in skeletal muscle and brain occurs early in the development of juvenile obesity in pigs. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2018 , 314, R252-R264	3.2	21
81	Chronic NOS inhibition accelerates NAFLD progression in an obese rat model. <i>American Journal of Physiology - Renal Physiology</i> , 2015 , 308, G540-9	5.1	20
80	Exercise and Omega-3 Polyunsaturated Fatty Acid Supplementation for the Treatment of Hepatic Steatosis in Hyperphagic OLETF Rats. <i>Journal of Nutrition and Metabolism</i> , 2012 , 2012, 268680	2.7	20
79	A Fad too Far? Dietary Strategies for the Prevention and Treatment of NAFLD. <i>Obesity</i> , 2020 , 28, 1843-1852		19
78	Microbiome and NAFLD: potential influence of aerobic fitness and lifestyle modification. <i>Physiological Genomics</i> , 2017 , 49, 385-399	3.6	18
77	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	3.7	18
76	Aerobic capacity and hepatic mitochondrial lipid oxidation alters susceptibility for chronic high-fat diet-induced hepatic steatosis. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2016 , 311, E749-E760	6	18
75	Effects of ovariectomy and intrinsic aerobic capacity on tissue-specific insulin sensitivity. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2016 , 310, E190-9	6	18
74	Serum markers of bone turnover are increased by modest weight loss with or without weight-bearing exercise in overweight premenopausal women. <i>Applied Physiology, Nutrition and Metabolism</i> , 2009 , 34, 933-41	3	18
73	Cecal versus fecal microbiota in Ossabaw swine and implications for obesity. <i>Physiological Genomics</i> , 2018 , 50, 355-368	3.6	17
72	Reduced hepatic eNOS phosphorylation is associated with NAFLD and type 2 diabetes progression and is prevented by daily exercise in hyperphagic OLETF rats. <i>Journal of Applied Physiology</i> , 2014 , 116, 1156-64	3.7	17

71	Identification of genes whose expression is altered by obesity throughout the arterial tree. <i>Physiological Genomics</i> , 2014 , 46, 821-32	3.6	17
70	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, 262-71	2.4	17
69	Hepatic steatosis development with four weeks of physical inactivity in previously active, hyperphagic OLETF rats. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2013 , 304, R763-71	3.2	17
68	Total body bone mineral content and density during weight loss and maintenance on a low- or recommended-dairy weight-maintenance diet in obese men and women. <i>European Journal of Clinical Nutrition</i> , 2010 , 64, 392-9	5.2	17
67	Fatty acid oxidation disorders: maternal health and neonatal outcomes. <i>Seminars in Fetal and Neonatal Medicine</i> , 2010 , 15, 122-8	3.7	17
66	Sterculic Oil, a Natural SCD1 Inhibitor, Improves Glucose Tolerance in Obese ob/ob Mice. <i>Isrn Endocrinology</i> , 2012 , 2012, 947323		17
65	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	6	17
64	Soluble activin receptor type IIB decoy receptor differentially impacts murine osteogenesis imperfecta muscle function. <i>Muscle and Nerve</i> , 2018 , 57, 294-304	3.4	16
63	Curcumin supplementation mitigates NASH development and progression in female Wistar rats. <i>Physiological Reports</i> , 2018 , 6, e13789	2.6	16
62	Western diet-induced hepatic steatosis and alterations in the liver transcriptome in adult Brown-Norway rats. <i>BMC Gastroenterology</i> , 2015 , 15, 151	3	16
61	Anti-inflammatory effects of exercise training in adipose tissue do not require FGF21. <i>Journal of Endocrinology</i> , 2017 , 235, 97-109	4.7	15
60	Fibroblast growth factor 21 and exercise-induced hepatic mitochondrial adaptations. <i>American Journal of Physiology - Renal Physiology</i> , 2016 , 310, G832-43	5.1	15
59	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	2.6	14
58	Acute administration of IL-6 improves indices of hepatic glucose and insulin homeostasis in lean and obese mice. <i>American Journal of Physiology - Renal Physiology</i> , 2019 , 316, G166-G178	5.1	14
57	Beta 3 Adrenergic Receptor Activation Rescues Metabolic Dysfunction in Female Estrogen Receptor Alpha-Null Mice. <i>Frontiers in Physiology</i> , 2019 , 10, 9	4.6	12
56	Exercise initiated after the onset of insulin resistance improves trabecular microarchitecture and cortical bone biomechanics of the tibia in hyperphagic Otsuka Long Evans Tokushima Fatty rats. <i>Bone</i> , 2017 , 103, 188-199	4.7	12
55	Interaction of exercise training and n-3 fatty acid supplementation on postprandial lipemia. <i>Applied Physiology, Nutrition and Metabolism</i> , 2007 , 32, 473-80	3	12
54	Compromised Exercise Capacity and Mitochondrial Dysfunction in the Osteogenesis Imperfecta Murine (oim) Mouse Model. <i>Journal of Bone and Mineral Research</i> , 2019 , 34, 1646-1659	6.3	11

53	eNOS deletion impairs mitochondrial quality control and exacerbates Western diet-induced NASH. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2019 , 317, E605-E616	6	11
52	Endurance exercise training programs intestinal lipid metabolism in a rat model of obesity and type 2 diabetes. <i>Physiological Reports</i> , 2015 , 3, e12232	2.6	11
51	Short-term lifestyle modification alters circulating biomarkers of endothelial health in sedentary, overweight adults. <i>Applied Physiology, Nutrition and Metabolism</i> , 2006 , 31, 512-7	3	11
50	Maintaining patency and asepsis of vascular access ports in Yucatan miniature swine. <i>Contemporary Topics in Laboratory Animal Science</i> , 2003 , 42, 28-32		11
49	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, 604-16	3.7	10
48	The effect of fasting on indicators of muscle damage. <i>Experimental Gerontology</i> , 2013 , 48, 1101-6	4.5	10
47	Predicting postprandial lipemia in healthy adults and in at-risk individuals with components of the cardiometabolic syndrome. <i>Journal of Clinical Hypertension</i> , 2009 , 11, 663-71	2.3	9
46	Ketogenic diet in combination with voluntary exercise impacts markers of hepatic metabolism and oxidative stress in male and female Wistar rats. <i>Applied Physiology, Nutrition and Metabolism</i> , 2020 , 45, 35-44	3	9
45	Preconceptional, Gestational, and Lactational Exposure to an Unconventional Oil and Gas Chemical Mixture Alters Energy Expenditure in Adult Female Mice. <i>Frontiers in Endocrinology</i> , 2019 , 10, 323	5.7	8
44	A Thermogenic-Like Brown Adipose Tissue Phenotype Is Dispensable for Enhanced Glucose Tolerance in Female Mice. <i>Diabetes</i> , 2019 , 68, 1717-1729	0.9	8
43	Mineralocorticoid receptor antagonism reverses diabetes-related coronary vasodilator dysfunction: A unique vascular transcriptomic signature. <i>Pharmacological Research</i> , 2018 , 134, 100-108	10.2	8
42	Developmental Exposure to a Mixture of Unconventional Oil and Gas Chemicals Increased Risk-Taking Behavior, Activity and Energy Expenditure in Aged Female Mice After a Metabolic Challenge. <i>Frontiers in Endocrinology</i> , 2019 , 10, 460	5.7	8
41	A return to ad libitum feeding following caloric restriction promotes hepatic steatosis in hyperphagic OLETF rats. <i>American Journal of Physiology - Renal Physiology</i> , 2016 , 311, G387-95	5.1	7
40	Obesity and type 2 diabetes, not a diet high in fat, sucrose, and cholesterol, negatively impacts bone outcomes in the hyperphagic Otsuka Long Evans Tokushima Fatty rat. <i>Bone</i> , 2017 , 105, 200-211	4.7	7
39	Metformin does not enhance insulin-stimulated vasodilation in skeletal muscle resistance arteries of the OLETF rat. <i>Microcirculation</i> , 2013 , 20, 764-75	2.9	7
38	Ablation of eNOS does not promote adipose tissue inflammation. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2016 , 310, R744-51	3.2	7
37	Fibroblast growth factor 21 increases hepatic oxidative capacity but not physical activity or energy expenditure in hepatic peroxisome proliferator-activated receptor α coactivator-1 deficient mice. <i>Experimental Physiology</i> , 2018 , 103, 408-418	2.4	7
36	Intrinsic High Aerobic Capacity in Male Rats Protects Against Diet-Induced Insulin Resistance. <i>Endocrinology</i> , 2019 , 160, 1179-1192	4.8	6

35	Effect of exercise on postprandial lipemia following a higher calorie meal in Yucatan miniature swine. <i>Metabolism: Clinical and Experimental</i> , 2004 , 53, 1021-6	12.7	6
34	Compromised hepatic mitochondrial fatty acid oxidation and reduced markers of mitochondrial turnover in human NAFLD.. <i>Hepatology</i> , 2022 ,	11.2	6
33	Transcriptomic differences in intra-abdominal adipose tissue in extremely obese adolescents with different stages of NAFLD. <i>Physiological Genomics</i> , 2016 , 48, 897-911	3.6	6
32	Influence of regular physical activity and caloric restriction on β adrenergic and natriuretic peptide receptor expression in retroperitoneal adipose tissue of OLETF rats. <i>Experimental Physiology</i> , 2013 , 98, 1576-84	2.4	5
31	Soy Protein Isolate Suppresses Bone Resorption and Improves Trabecular Microarchitecture in Spontaneously Hyperphagic, Rapidly Growing Male OLETF Rats. <i>Current Developments in Nutrition</i> , 2018 , 2, nzy010	0.4	4
30	Vascular cell transcriptomic changes to exercise training differ directionally along and between skeletal muscle arteriolar trees. <i>Microcirculation</i> , 2017 , 24, e12336	2.9	4
29	Tissue-specific small heat shock protein 20 activation is not associated with traditional autophagy markers in Ossabaw swine with cardiometabolic heart failure. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2020 , 319, H1036-H1043	5.2	4
28	Maternal Physical Activity and Sex Impact Markers of Hepatic Mitochondrial Health. <i>Medicine and Science in Sports and Exercise</i> , 2018 , 50, 2040-2048	1.2	4
27	Transcriptomic effects of metformin in skeletal muscle arteries of obese insulin-resistant rats. <i>Experimental Biology and Medicine</i> , 2017 , 242, 617-624	3.7	3
26	Endurance training lowers ribosome density despite increasing ribosome biogenesis markers in rodent skeletal muscle. <i>BMC Research Notes</i> , 2017 , 10, 399	2.3	3
25	High Intrinsic Aerobic Capacity Protects against Ethanol-Induced Hepatic Injury and Metabolic Dysfunction: Study Using High Capacity Runner Rat Model. <i>Biomolecules</i> , 2015 , 5, 3295-308	5.9	3
24	Lipoproteins during the estrous cycle in swine. <i>Metabolism: Clinical and Experimental</i> , 2004 , 53, 140-1	12.7	3
23	A dietary ketone ester mitigates histological outcomes of NAFLD and markers of fibrosis in high-fat diet fed mice. <i>American Journal of Physiology - Renal Physiology</i> , 2021 , 320, G564-G572	5.1	3
22	Critical Role for Hepatocyte-Specific eNOS in NAFLD and NASH. <i>Diabetes</i> , 2021 , 70, 2476-2491	0.9	3
21	Exercise improves femoral whole-bone and tissue-level biomechanical properties in hyperphagic OLETF rats. <i>Applied Physiology, Nutrition and Metabolism</i> , 2017 , 42, 884-892	3	2
20	The Emerging Role of Hepatocellular eNOS in Non-alcoholic Fatty Liver Disease Development. <i>Frontiers in Physiology</i> , 2020 , 11, 767	4.6	2
19	Insulin-Stimulated Bone Blood Flow and Bone Biomechanical Properties Are Compromised in Obese, Type 2 Diabetic OLETF Rats. <i>JBMR Plus</i> , 2017 , 1, 116-126	3.9	2
18	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	3.6	2

17	Cerebrovascular insufficiency and amyloidogenic signaling in Ossabaw swine with cardiometabolic heart failure. <i>JCI Insight</i> , 2021 , 6,	9.9	2
16	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 , 1	8.9	2
15	Exercise: not just a medicine for muscle?. <i>Journal of Physiology</i> , 2010 , 588, 2687-8	3.9	1
14	Linking aerobic fitness, nonalcoholic fatty liver disease and the metabolic syndrome. <i>Expert Review of Endocrinology and Metabolism</i> , 2009 , 4, 299-301	4.1	1
13	Skeletal muscle specific mitochondrial dysfunction and altered energy metabolism in a murine model (oim/oim) of severe osteogenesis imperfecta. <i>Molecular Genetics and Metabolism</i> , 2021 , 132, 244-253	3.7	1
12	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	0.9	0
11	Alterations to Protein Level and Cellular Location of the BKCa 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-Induced Heart Failure. <i>FASEB Journal</i> , 2018 , 32, 579.2	0.9	
10	Potential mitochondrial dysfunction in skeletal muscle of mouse models of Osteogenesis imperfecta.. <i>FASEB Journal</i> , 2018 , 32, 543.20	0.9	
9	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	0.9	
8	A thermogenic-like brown adipose tissue phenotype is dispensable for enhanced glucose tolerance in female mice. <i>FASEB Journal</i> , 2019 , 33, lb564	0.9	
7	Hepatocyte-Specific Deletion of eNOS Impairs Mitochondrial Function and Exacerbates Hepatic Steatosis. <i>FASEB Journal</i> , 2019 , 33, 582.2	0.9	
6	Ketogenic diet in combination with voluntary exercise impacts markers of hepatic metabolism and oxidative stress in male and female rats. <i>FASEB Journal</i> , 2019 , 33, 699.4	0.9	
5	Increased Left Ventricular mRNA Levels of the Inflammatory Biomarkers Pentraxin-3 and Interleukin 1 Receptor-Like 1 are Correlated with Diastolic Dysfunction in a Pre-Clinical Swine Model of HFpEF. <i>FASEB Journal</i> , 2019 , 33, 532.13	0.9	
4	Hepatic Knockdown of RECK Increases NASH Susceptibility. <i>FASEB Journal</i> , 2019 , 33, 582.5	0.9	
3	Type 2 Diabetes Alters Nitric Oxide Signaling in the Rat Aorta. <i>FASEB Journal</i> , 2015 , 29, 793.4	0.9	
2	Acetylcholine and insulin-mediated vasodilation in feed arteries and arterioles of rat skeletal muscle of different fiber type composition. <i>FASEB Journal</i> , 2012 , 26, 1142.20	0.9	
1	Effects of Endurance Exercise Training, Metformin, and Their Combination on Adipose Tissue Cytokine Secretion in a Rat Model of Type 2 Diabetes (T2D). <i>FASEB Journal</i> , 2012 , 26, 1142.13	0.9	