

Melissa A Linden

List of Publications by Year in descending order

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Version: 2024-02-01

36
papers

881
citations

567144

15
h-index

477173

29
g-index

36
all docs

36
docs citations

36
times ranked

1516
citing authors

#	ARTICLE	IF	CITATIONS
1	Metformin inhibits mitochondrial adaptations to aerobic exercise training in older adults. <i>Aging Cell</i> , 2019, 18, e12880.	3.0	135
2	Treating NAFLD in OLETF Rats with Vigorous-Intensity Interval Exercise Training. <i>Medicine and Science in Sports and Exercise</i> , 2015, 47, 556-567.	0.2	71
3	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-E310.	1.8	68
4	Vascular Dysfunction and Physical Activity in Multiple Sclerosis. <i>Medicine and Science in Sports and Exercise</i> , 2012, 44, 238-243.	0.2	62
5	Moderate exercise training provides modest protection against adipose tissue inflammatory gene expression in response to high-fat feeding. <i>Physiological Reports</i> , 2014, 2, e12071.	0.7	48
6	Impact of Various Exercise Modalities on Hepatic Mitochondrial Function. <i>Medicine and Science in Sports and Exercise</i> , 2014, 46, 1089-1097.	0.2	48
7	Exercise and the metabolic syndrome with weight regain. <i>Journal of Applied Physiology</i> , 2010, 109, 3-10.	1.2	47
8	Aerobic exercise training in the treatment of non-alcoholic fatty liver disease related fibrosis. <i>Journal of Physiology</i> , 2016, 594, 5271-5284.	1.3	45
9	Weight-loss-associated changes in bone mineral density and bone turnover after partial weight regain with or without aerobic exercise in obese women. <i>European Journal of Clinical Nutrition</i> , 2012, 66, 606-612.	1.3	36
10	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, 1038-1047.	0.9	35
11	The effects of high fat diet and moderate exercise on TGF β 1 and collagen deposition in mouse skeletal muscle. <i>Cytokine</i> , 2015, 73, 23-29.	1.4	33
12	Fibroblast growth factor 21 and exercise-induced hepatic mitochondrial adaptations. <i>American Journal of Physiology - Renal Physiology</i> , 2016, 310, G832-G843.	1.6	24
13	Physiologic Responses to Dietary Sulfur Amino Acid Restriction in Mice Are Influenced by Atf4 Status and Biological Sex. <i>Journal of Nutrition</i> , 2021, 151, 785-799.	1.3	24
14	Sex differences in changes of protein synthesis with rapamycin treatment are minimized when metformin is added to rapamycin. <i>GeroScience</i> , 2021, 43, 809-828.	2.1	21
15	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-R771.	0.9	18
16	Fibroblast growth factor 21 increases hepatic oxidative capacity but not physical activity or energy expenditure in hepatic peroxisome proliferator-activated receptor β coactivator 1 α deficient mice. <i>Experimental Physiology</i> , 2018, 103, 408-418.	0.9	17
17	Brain Protein Synthesis Rates in the UM-HET3 Mouse Following Treatment With Rapamycin or Rapamycin With Metformin. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2020, 75, 40-49.	1.7	17
18	Endurance exercise training programs intestinal lipid metabolism in a rat model of obesity and type 2 diabetes. <i>Physiological Reports</i> , 2015, 3, e12232.	0.7	16

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19	Interaction of exercise training and n-3 fatty acid supplementation on postprandial lipemia. <i>Applied Physiology, Nutrition and Metabolism</i> , 2007, 32, 473-480.	0.9	14
20	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.	1.4	14
21	The combination of exercise training and sodium-glucose cotransporter-2 inhibition improves glucose tolerance and exercise capacity in a rodent model of type 2 diabetes. <i>Metabolism: Clinical and Experimental</i> , 2019, 97, 68-80.	1.5	14
22	Differential Effects of Rapamycin and Metformin in Combination With Rapamycin on Mechanisms of Proteostasis in Cultured Skeletal Myotubes. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2020, 75, 32-39.	1.7	13
23	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, 663-671.	1.0	11
24	Exercise and Weight Loss Improve Exercise Capacity Independent of Cardiac Function in Metabolic Syndrome. <i>Angiology</i> , 2010, 61, 192-197.	0.8	11
25	The Effects of Resistance Training on Metabolic Health With Weight Regain. <i>Journal of Clinical Hypertension</i> , 2010, 12, 64-72.	1.0	10
26	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.	1.4	9
27	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-G395.	1.6	7
28	Correlation of Normal Diastolic Cardiac Function With VO_{2max} in the Metabolic Syndrome. <i>Preventive Cardiology</i> , 2009, 12, 163-168.	1.1	5
29	Endurance training lowers ribosome density despite increasing ribosome biogenesis markers in rodent skeletal muscle. <i>BMC Research Notes</i> , 2017, 10, 399.	0.6	5
30	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.	0.9	2
31	Exercise And The Metabolic Syndrome With Weight Regain. <i>Medicine and Science in Sports and Exercise</i> , 2009, 41, 523.	0.2	1
32	Insulin Resistance Precedes Liver Adaptations After One Week of Exposure to a Very High-fat Diet. <i>Medicine and Science in Sports and Exercise</i> , 2011, 43, 482.	0.2	0
33	Improved efficacy of metformin therapy when combined with caloric restriction in the treatment of type 2 diabetes and NAFLD in OLETF rats (LB743). <i>FASEB Journal</i> , 2014, 28, LB743.	0.2	0
34	eNOS Deficiency Increases Susceptibility to Western Diet Induced Hepatic Mitochondrial Dysfunction. <i>FASEB Journal</i> , 2015, 29, 1004.3.	0.2	0
35	Type 2 Diabetes Alters Nitric Oxide Signaling in the Rat Aorta. <i>FASEB Journal</i> , 2015, 29, 793.4.	0.2	0
36	Combined Exercise Training and Sodium-glucose Cotransporter 2 Inhibition Improves Glycemic Control and Exercise Tolerance When Compared to Pharmacotherapy Alone in a Model of Type 2 Diabetes. <i>FASEB Journal</i> , 2018, 32, 853.3.	0.2	0