

# Melissa A Linden

## 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.

34  
papers

610  
citations

13  
h-index

24  
g-index

36  
ext. papers

747  
ext. citations

3.4  
avg, IF

3.49  
L-index

#	Paper	IF	Citations
34	Metformin inhibits mitochondrial adaptations to aerobic exercise training in older adults. <i>Aging Cell</i> , <b>2019</b> , 18, e12880	9.9	74
33	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> , <b>2014</b> , 306, E300-10	6	53
32	Treating NAFLD in OLETF rats with vigorous-intensity interval exercise training. <i>Medicine and Science in Sports and Exercise</i> , <b>2015</b> , 47, 556-67	1.2	50
31	Vascular dysfunction and physical activity in multiple sclerosis. <i>Medicine and Science in Sports and Exercise</i> , <b>2012</b> , 44, 238-43	1.2	46
30	Exercise and the metabolic syndrome with weight regain. <i>Journal of Applied Physiology</i> , <b>2010</b> , 109, 3-10	3.7	41
29	Moderate exercise training provides modest protection against adipose tissue inflammatory gene expression in response to high-fat feeding. <i>Physiological Reports</i> , <b>2014</b> , 2, e12071	2.6	38
28	Impact of various exercise modalities on hepatic mitochondrial function. <i>Medicine and Science in Sports and Exercise</i> , <b>2014</b> , 46, 1089-97	1.2	31
27	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> , <b>2012</b> , 66, 606-12	5.2	31
26	Aerobic exercise training in the treatment of non-alcoholic fatty liver disease related fibrosis. <i>Journal of Physiology</i> , <b>2016</b> , 594, 5271-84	3.9	31
25	The effects of high fat diet and moderate exercise on TGF $\beta$ and collagen deposition in mouse skeletal muscle. <i>Cytokine</i> , <b>2015</b> , 73, 23-9	4	29
24	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> , <b>2015</b> , 40, 1038-47	3	27
23	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> , <b>2013</b> , 304, R763-71	3.2	17
22	Fibroblast growth factor 21 and exercise-induced hepatic mitochondrial adaptations. <i>American Journal of Physiology - Renal Physiology</i> , <b>2016</b> , 310, G832-43	5.1	15
21	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> , <b>2017</b> , 103, 188-199	4.7	12
20	Interaction of exercise training and n-3 fatty acid supplementation on postprandial lipemia. <i>Applied Physiology, Nutrition and Metabolism</i> , <b>2007</b> , 32, 473-80	3	12
19	Endurance exercise training programs intestinal lipid metabolism in a rat model of obesity and type 2 diabetes. <i>Physiological Reports</i> , <b>2015</b> , 3, e12232	2.6	11
18	Exercise and weight loss improve exercise capacity independent of cardiac function in metabolic syndrome. <i>Angiology</i> , <b>2010</b> , 61, 192-7	2.1	10

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> , <b>2020</b> , 75, 40-49	6.4	10
16	Predicting postprandial lipemia in healthy adults and in at-risk individuals with components of the cardiometabolic syndrome. <i>Journal of Clinical Hypertension</i> , <b>2009</b> , 11, 663-71	2.3	9
15	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> , <b>2020</b> , 75, 32-39	6.4	9
14	Physiologic Responses to Dietary Sulfur Amino Acid Restriction in Mice Are Influenced by Atf4 Status and Biological Sex. <i>Journal of Nutrition</i> , <b>2021</b> , 151, 785-799	4.1	8
13	A return to ad libitum feeding following caloric restriction promotes hepatic steatosis in hyperphagic OLETF rats. <i>American Journal of Physiology - Renal Physiology</i> , <b>2016</b> , 311, G387-95	5.1	7
12	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> , <b>2017</b> , 105, 200-211	4.7	7
11	The effects of resistance training on metabolic health with weight regain. <i>Journal of Clinical Hypertension</i> , <b>2010</b> , 12, 64-72	2.3	7
10	Fibroblast growth factor 21 increases hepatic oxidative capacity but not physical activity or energy expenditure in hepatic peroxisome proliferator-activated receptor $\alpha$ activator-1 deficient mice. <i>Experimental Physiology</i> , <b>2018</b> , 103, 408-418	2.4	7
9	Sex differences in changes of protein synthesis with rapamycin treatment are minimized when metformin is added to rapamycin. <i>GeroScience</i> , <b>2021</b> , 43, 809-828	8.9	6
8	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> , <b>2019</b> , 97, 68-80	12.7	3
7	Endurance training lowers ribosome density despite increasing ribosome biogenesis markers in rodent skeletal muscle. <i>BMC Research Notes</i> , <b>2017</b> , 10, 399	2.3	3
6	Correlation of Normal Diastolic Cardiac Function With VO in the Metabolic Syndrome. <i>Preventive Cardiology</i> , <b>2009</b> , 12, 163-8		3
5	Exercise improves femoral whole-bone and tissue-level biomechanical properties in hyperphagic OLETF rats. <i>Applied Physiology, Nutrition and Metabolism</i> , <b>2017</b> , 42, 884-892	3	2
4	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> , <b>2018</b> , 32, 853.3	0.9	
3	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> , <b>2014</b> , 28, LB743	0.9	
2	eNOS Deficiency Increases Susceptibility to Western Diet Induced Hepatic Mitochondrial Dysfunction. <i>FASEB Journal</i> , <b>2015</b> , 29, 1004.3	0.9	
1	Type 2 Diabetes Alters Nitric Oxide Signaling in the Rat Aorta. <i>FASEB Journal</i> , <b>2015</b> , 29, 793.4	0.9	