

# Jill A Kanaley

## List of Publications by Year in descending order

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66  
papers

1,954  
citations

257101

24  
h-index

264894

42  
g-index

66  
all docs

66  
docs citations

66  
times ranked

2643  
citing authors

#	ARTICLE	IF	CITATIONS
1	Exercise/Physical Activity in Individuals with Type 2 Diabetes: A Consensus Statement from the American College of Sports Medicine. <i>Medicine and Science in Sports and Exercise</i> , 2022, 54, 353-368.	0.2	209
2	Cortisol and Growth Hormone Responses to Exercise at Different Times of Day <sup>1</sup> . <i>Journal of Clinical Endocrinology and Metabolism</i> , 2001, 86, 2881-2889.	1.8	157
3	Prolonged sitting-induced leg endothelial dysfunction is prevented by fidgeting. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2016, 311, H177-H182.	1.5	122
4	Energy Expenditure of Walking and Running: Comparison with Prediction Equations. <i>Medicine and Science in Sports and Exercise</i> , 2004, 36, 2128-2134.	0.2	106
5	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.	1.5	94
6	Relationship between plasma free fatty acid, intramyocellular triglycerides and long-chain acylcarnitines in resting humans. <i>Journal of Physiology</i> , 2009, 587, 5939-5950.	1.3	78
7	Multiple short bouts of exercise over 12-h period reduce glucose excursions more than an energy-matched single bout of exercise. <i>Metabolism: Clinical and Experimental</i> , 2014, 63, 510-519.	1.5	67
8	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, 624-634.	1.2	67
9	Skeletal muscle adaptations following blood flow-restricted training during 30 days of muscular unloading. <i>Journal of Applied Physiology</i> , 2010, 109, 341-349.	1.2	65
10	One Bout of Exercise Alters Free-Living Postprandial Glycemia in Type 2 Diabetes. <i>Medicine and Science in Sports and Exercise</i> , 2014, 46, 232-238.	0.2	60
11	Prior exercise and standing as strategies to circumvent sitting-induced leg endothelial dysfunction. <i>Clinical Science</i> , 2017, 131, 1045-1053.	1.8	58
12	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.	0.9	50
13	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
14	The Effect of Exercise Timing on Glycemic Control: A Randomized Clinical Trial. <i>Medicine and Science in Sports and Exercise</i> , 2020, 52, 323-334.	0.2	45
15	Plasma Irisin Modestly Increases during Moderate and High-Intensity Afternoon Exercise in Obese Females. <i>PLoS ONE</i> , 2017, 12, e0170690.	1.1	42
16	Exercise training improves cardiovascular autonomic modulation in response to glucose ingestion in obese adults with and without type 2 diabetes mellitus. <i>Metabolism: Clinical and Experimental</i> , 2010, 59, 901-910.	1.5	39
17	Inverse association between carbohydrate consumption and plasma adropin concentrations in humans. <i>Obesity</i> , 2016, 24, 1731-1740.	1.5	36
18	Effect of a single vs multiple bouts of exercise on glucose control in women with type 2 diabetes. <i>Metabolism: Clinical and Experimental</i> , 2005, 54, 989-994.	1.5	33

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19	Exercise Timing in Type 2 Diabetes Mellitus: A Systematic Review. <i>Medicine and Science in Sports and Exercise</i> , 2018, 50, 2387-2397.	0.2	31
20	Estrogen receptor- $\alpha$ 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.	1.8	31
21	Moderate amounts of fructose- or glucose-sweetened beverages do not differentially alter metabolic health in male and female adolescents , ,. <i>American Journal of Clinical Nutrition</i> , 2014, 100, 796-805.	2.2	30
22	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.	1.0	30
23	Syncing Exercise With Meals and Circadian Clocks. <i>Exercise and Sport Sciences Reviews</i> , 2019, 47, 22-28.	1.6	28
24	A High-Protein Breakfast Induces Greater Insulin and Glucose-Dependent Insulinotropic Peptide Responses to a Subsequent Lunch Meal in Individuals with Type 2 Diabetes ,. <i>Journal of Nutrition</i> , 2015, 145, 452-458.	1.3	26
25	Meal frequency differentially alters postprandial triacylglycerol and insulin concentrations in obese women. <i>Obesity</i> , 2013, 21, 123-129.	1.5	25
26	Effect of meal frequency on glucose and insulin excursions over the course of a day. <i>European E-journal of Clinical Nutrition and Metabolism</i> , 2010, 5, e277-e280.	0.4	23
27	Effects of ER $\alpha$ and ER $\beta$ on OVX-induced changes in adiposity and insulin resistance. <i>Journal of Endocrinology</i> , 2020, 245, 165-178.	1.2	23
28	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.	1.8	21
29	Alteration of postprandial glucose and insulin concentrations with meal frequency and composition. <i>British Journal of Nutrition</i> , 2014, 112, 1484-1493.	1.2	20
30	Impaired postexercise cardiovascular autonomic modulation in middle-aged women with type 2 diabetes. <i>European Journal of Cardiovascular Prevention and Rehabilitation</i> , 2007, 14, 237-243.	3.1	19
31	The effects of a glucose load and sympathetic challenge on autonomic function in obese women with and without type 2 diabetes mellitus. <i>Metabolism: Clinical and Experimental</i> , 2007, 56, 778-785.	1.5	19
32	Neuromuscular function following muscular unloading and blood flow restricted exercise. <i>European Journal of Applied Physiology</i> , 2014, 114, 1357-1365.	1.2	19
33	Prior Exercise and Postprandial Incretin Responses in Lean and Obese Individuals. <i>Medicine and Science in Sports and Exercise</i> , 2013, 45, 1897-1905.	0.2	18
34	Effect of Aerobic Training on Glucose Control and Blood Pressure in T2DDM East African Males. <i>Isrn Endocrinology</i> , 2014, 2014, 1-6.	2.0	17
35	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.	1.8	17
36	Age, Sex, and Depot-specific Differences in Adipose-tissue Estrogen Receptors in Individuals with Obesity. <i>Obesity</i> , 2020, 28, 1698-1707.	1.5	16

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37	Liquid meal composition, postprandial satiety hormones, and perceived appetite and satiety in obese women during acute caloric restriction. <i>European Journal of Endocrinology</i> , 2013, 168, 593-600.	1.9	15
38	Effect of an acute bout of aerobic exercise on chemerin levels in obese adults. <i>Diabetes and Metabolic Syndrome: Clinical Research and Reviews</i> , 2016, 10, 37-42.	1.8	14
39	A Thermogenic-Like Brown Adipose Tissue Phenotype Is Dispensable for Enhanced Glucose Tolerance in Female Mice. <i>Diabetes</i> , 2019, 68, 1717-1729.	0.3	12
40	Prior exercise does not alter the incretin response to a subsequent meal in obese women. <i>Peptides</i> , 2015, 71, 94-99.	1.2	11
41	Do Overweight and Obese Individuals Select a “Moderate Intensity” Workload When Asked to Do So?. <i>Journal of Obesity</i> , 2012, 2012, 1-8.	1.1	10
42	Voluntary wheel running improves adipose tissue immunometabolism in ovariectomized low-fit rats. <i>Adipocyte</i> , 2018, 7, 20-34.	1.3	10
43	Metabolic Implications of Diet and Energy Intake during Physical Inactivity. <i>Medicine and Science in Sports and Exercise</i> , 2019, 51, 995-1005.	0.2	10
44	Effects of diurnal exercise timing on appetite, energy intake and body composition: A parallel randomized trial. <i>Appetite</i> , 2021, 167, 105600.	1.8	10
45	Autonomic responses to physiological stressors in women with type 2 diabetes. <i>Clinical Autonomic Research</i> , 2008, 18, 66-73.	1.4	9
46	Exercise training improves hemodynamic recovery to isometric exercise in obese men with type 2 diabetes but not in obese women. <i>Metabolism: Clinical and Experimental</i> , 2012, 61, 1739-1746.	1.5	9
47	Changes in nucleus accumbens gene expression accompany sex-specific suppression of spontaneous physical activity in aromatase knockout mice. <i>Hormones and Behavior</i> , 2020, 121, 104719.	1.0	8
48	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.	0.9	8
49	A comparison of adipose tissue interstitial glucose and venous blood glucose during postprandial resistance exercise in patients with type 2 diabetes. <i>Journal of Applied Physiology</i> , 2018, 124, 1054-1061.	1.2	7
50	Role of ER $\alpha$ in adipocyte metabolic response to wheel running following ovariectomy. <i>Journal of Endocrinology</i> , 2021, 249, 223-237.	1.2	7
51	Weight classification does not influence the short-term endocrine or metabolic effects of high-fructose corn syrup-sweetened beverages. <i>Applied Physiology, Nutrition and Metabolism</i> , 2014, 39, 544-552.	0.9	5
52	Impact of Exercise Timing on Appetite Regulation in Individuals with Type 2 Diabetes. <i>Medicine and Science in Sports and Exercise</i> , 2016, 48, 182-189.	0.2	4
53	Post Meal Exercise May Lead to Transient Hypoglycemia Irrespective of Glycemic Status in Humans. <i>Frontiers in Endocrinology</i> , 2020, 11, 578.	1.5	4
54	Modest sleep restriction does not influence steps, physical activity intensity or glucose tolerance in obese adults. <i>Journal of Sleep Research</i> , 2021, 30, e13381.	1.7	3

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55	Leg Fidgeting During Prolonged Sitting Improves Postprandial Glycemic Control in People with Obesity. <i>Obesity</i> , 2021, 29, 1146-1154.	1.5	3
56	Hepatocyte-specific eNOS deletion impairs exercise-induced adaptations in hepatic mitochondrial function and autophagy. <i>Obesity</i> , 2022, 30, 1066-1078.	1.5	3
57	Reply to Dr. Chacko. <i>Journal of Applied Physiology</i> , 2015, 118, 1089-1089.	1.2	2
58	Exercise timing and blood lactate concentrations in individuals with type 2 diabetes. <i>Applied Physiology, Nutrition and Metabolism</i> , 2017, 42, 732-737.	0.9	2
59	Meal Frequency Differentially Alters Postprandial Triacylglycerol and Insulin Concentrations in Obese Women. <i>Obesity</i> , 0, , .	1.5	2
60	Reply to Dr. Chacko. <i>Journal of Applied Physiology</i> , 2015, 119, 160-160.	1.2	0
61	Response. <i>Medicine and Science in Sports and Exercise</i> , 2020, 52, 1236-1236.	0.2	0
62	Low frequency power spectrum is associated with baroreceptor sensitivity in obese individuals during paced breathing. <i>FASEB Journal</i> , 2013, 27, 928.3.	0.2	0
63	Weight maintenance diets prevent short-term physical inactivity-induced glycemic dysregulation in young healthy subjects. <i>FASEB Journal</i> , 2018, 32, 724.10.	0.2	0
64	The Effect of Leg Fidgeting During Sitting on Glycemic Control in Obese Subjects – A Pilot Study. <i>FASEB Journal</i> , 2019, 33, 16447.	0.2	0
65	Age, Sex, and Depot Differences in Adipose Tissue from Obese Subjects. <i>FASEB Journal</i> , 2019, 33, 752.5.	0.2	0
66	Altered Adipose Tissue Inflammatory Markers in Mothers With Gestational Diabetes. <i>FASEB Journal</i> , 2022, 36, .	0.2	0