

Jill A Kanaley

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.

63

papers

1,276

citations

20

h-index

34

g-index

66

ext. papers

1,588

ext. citations

4.4

avg, IF

4.39

L-index

| # | Paper | IF | Citations |
|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 63 | Cortisol and growth hormone responses to exercise at different times of day. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2001 , 86, 2881-9 | 5.6 | 131 |
| 62 | Prolonged sitting-induced leg endothelial dysfunction is prevented by fidgeting. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2016 , 311, H177-82 | 5.2 | 89 |
| 61 | Energy expenditure of walking and running: comparison with prediction equations. <i>Medicine and Science in Sports and Exercise</i> , 2004 , 36, 2128-34 | 1.2 | 71 |
| 60 | Relationship between plasma free fatty acid, intramyocellular triglycerides and long-chain acylcarnitines in resting humans. <i>Journal of Physiology</i> , 2009 , 587, 5939-50 | 3.9 | 69 |
| 59 | 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 |
| 58 | Skeletal muscle adaptations following blood flow-restricted training during 30 days of muscular unloading. <i>Journal of Applied Physiology</i> , 2010 , 109, 341-9 | 3.7 | 54 |
| 57 | 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, 510-9 | 12.7 | 53 |
| 56 | 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 |
| 55 | 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 |
| 54 | Prior exercise and standing as strategies to circumvent sitting-induced leg endothelial dysfunction. <i>Clinical Science</i> , 2017 , 131, 1045-1053 | 6.5 | 45 |
| 53 | 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, 901-10 | 12.7 | 33 |
| 52 | 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 | 3.2 | 32 |
| 51 | 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 |
| 50 | 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, 989-94 | 12.7 | 30 |
| 49 | Plasma Irisin Modestly Increases during Moderate and High-Intensity Afternoon Exercise in Obese Females. <i>PLoS ONE</i> , 2017 , 12, e0170690 | 3.7 | 29 |
| 48 | 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 | 7.5 | 27 |
| 47 | 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, 452-8 | 4.1 | 25 |

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| 46 | Meal frequency differentially alters postprandial triacylglycerol and insulin concentrations in obese women. <i>Obesity</i> , 2013 , 21, 123-9 | 8 | 23 |
| 45 | Inverse association between carbohydrate consumption and plasma adiponin concentrations in humans. <i>Obesity</i> , 2016 , 24, 1731-40 | 8 | 23 |
| 44 | 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, 383-9 | 3.5 | 20 |
| 43 | 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 | 1.2 | 20 |
| 42 | Exercise Timing in Type 2 Diabetes Mellitus: A Systematic Review. <i>Medicine and Science in Sports and Exercise</i> , 2018 , 50, 2387-2397 | 1.2 | 19 |
| 41 | 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 |
| 40 | 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 | | 18 |
| 39 | Impaired postexercise cardiovascular autonomic modulation in middle-aged women with type 2 diabetes. <i>European Journal of Cardiovascular Prevention and Rehabilitation</i> , 2007 , 14, 237-43 | | 17 |
| 38 | 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 |
| 37 | Prior exercise and postprandial incretin responses in lean and obese individuals. <i>Medicine and Science in Sports and Exercise</i> , 2013 , 45, 1897-905 | 1.2 | 16 |
| 36 | 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, 778-85 | 12.7 | 16 |
| 35 | 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 | 1.2 | 16 |
| 34 | Syncing Exercise With Meals and Circadian Clocks. <i>Exercise and Sport Sciences Reviews</i> , 2019 , 47, 22-28 | 6.7 | 16 |
| 33 | Neuromuscular function following muscular unloading and blood flow restricted exercise. <i>European Journal of Applied Physiology</i> , 2014 , 114, 1357-65 | 3.4 | 15 |
| 32 | 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 | 6.5 | 13 |
| 31 | 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 | 6 | 12 |
| 30 | Alteration of postprandial glucose and insulin concentrations with meal frequency and composition. <i>British Journal of Nutrition</i> , 2014 , 112, 1484-93 | 3.6 | 12 |
| 29 | Effect of Aerobic Training on Glucose Control and Blood Pressure in T2DDM East African Males. <i>Isrn Endocrinology</i> , 2014 , 2014, 864897 | | 12 |

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| 28 | Prior exercise does not alter the incretin response to a subsequent meal in obese women. <i>Peptides</i> , 2015 , 71, 94-9 | 3.8 | 11 |
| 27 | 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 | 8.9 | 11 |
| 26 | Effects of ER α and ER β on OVX-induced changes in adiposity and insulin resistance. <i>Journal of Endocrinology</i> , 2020 , 245, 165-178 | 4.7 | 10 |
| 25 | 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 |
| 24 | 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, 1739-46 | 12.7 | 8 |
| 23 | Autonomic responses to physiological stressors in women with type 2 diabetes. <i>Clinical Autonomic Research</i> , 2008 , 18, 66-73 | 4.3 | 8 |
| 22 | Metabolic Implications of Diet and Energy Intake during Physical Inactivity. <i>Medicine and Science in Sports and Exercise</i> , 2019 , 51, 995-1005 | 1.2 | 7 |
| 21 | Voluntary wheel running improves adipose tissue immunometabolism in ovariectomized low-fit rats. <i>Adipocyte</i> , 2018 , 7, 20-34 | 3.2 | 6 |
| 20 | 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 | 3.7 | 6 |
| 19 | Age, Sex, and Depot-Specific Differences in Adipose-Tissue Estrogen Receptors in Individuals with Obesity. <i>Obesity</i> , 2020 , 28, 1698-1707 | 8 | 6 |
| 18 | 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, 544-52 | 3 | 4 |
| 17 | Do overweight and obese individuals select a "moderate intensity" workload when asked to do so?. <i>Journal of Obesity</i> , 2012 , 2012, 919051 | 3.7 | 4 |
| 16 | Impact of Exercise Timing on Appetite Regulation in Individuals with Type 2 Diabetes. <i>Medicine and Science in Sports and Exercise</i> , 2016 , 48, 182-9 | 1.2 | 3 |
| 15 | Exercise timing and blood lactate concentrations in individuals with type 2 diabetes. <i>Applied Physiology, Nutrition and Metabolism</i> , 2017 , 42, 732-737 | 3 | 2 |
| 14 | Reply to Dr. Chacko. <i>Journal of Applied Physiology</i> , 2015 , 118, 1089 | 3.7 | 2 |
| 13 | Meal Frequency Differentially Alters Postprandial Triacylglycerol and Insulin Concentrations in Obese Women. <i>Obesity</i> , | 8 | 2 |
| 12 | 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 | 3.7 | 1 |
| 11 | Role of ER α in adipocyte metabolic response to wheel running following ovariectomy. <i>Journal of Endocrinology</i> , 2021 , 249, 223-237 | 4.7 | 1 |

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| 10 | Effects of diurnal exercise timing on appetite, energy intake and body composition: A parallel randomized trial. <i>Appetite</i> , 2021 , 167, 105600 | 4.5 | 1 |
| 9 | Leg Fidgeting During Prolonged Sitting Improves Postprandial Glycemic Control in People with Obesity. <i>Obesity</i> , 2021 , 29, 1146-1154 | 8 | 0 |
| 8 | Response. <i>Medicine and Science in Sports and Exercise</i> , 2020 , 52, 1236 | 1.2 | |
| 7 | Reply to Dr. Chacko. <i>Journal of Applied Physiology</i> , 2015 , 119, 160 | 3.7 | |
| 6 | Weight maintenance diets prevent short-term physical inactivity-induced glycemic dysregulation in young healthy subjects. <i>FASEB Journal</i> , 2018 , 32, 724.10 | 0.9 | |
| 5 | The Effect of Leg Fidgeting During Sitting on Glycemic Control in Obese Subjects [A Pilot Study]. <i>FASEB Journal</i> , 2019 , 33, 1b447 | 0.9 | |
| 4 | Age, Sex, and Depot Differences in Adipose Tissue from Obese Subjects. <i>FASEB Journal</i> , 2019 , 33, 752.5 | 0.9 | |
| 3 | Low frequency power spectrum is associated with baroreceptor sensitivity in obese individuals during paced breathing. <i>FASEB Journal</i> , 2013 , 27, 928.3 | 0.9 | |
| 2 | Post Meal Exercise May Lead to Transient Hypoglycemia Irrespective of Glycemic Status in Humans. <i>Frontiers in Endocrinology</i> , 2020 , 11, 578 | 5.7 | |
| 1 | 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 | 5.8 | |