

Elizabeth J Parks

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.

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|-------------------|-------------------------|---------------|-----------------|
| 65 papers | 6,454 citations | 34 h-index | 72 g-index |
| 72 ext. papers | 7,417 ext. citations | 6 avg, IF | 5.77 L-index |

| # | Paper | IF | Citations |
|----|--|------|-----------|
| 65 | Sources of fatty acids stored in liver and secreted via lipoproteins in patients with nonalcoholic fatty liver disease. <i>Journal of Clinical Investigation</i> , 2005 , 115, 1343-51 | 15.9 | 2098 |
| 64 | Increased de novo lipogenesis is a distinct characteristic of individuals with nonalcoholic fatty liver disease. <i>Gastroenterology</i> , 2014 , 146, 726-35 | 13.3 | 532 |
| 63 | Carbohydrate-induced hypertriacylglycerolemia: historical perspective and review of biological mechanisms. <i>American Journal of Clinical Nutrition</i> , 2000 , 71, 412-33 | 7 | 399 |
| 62 | Excessive hepatic mitochondrial TCA cycle and gluconeogenesis in humans with nonalcoholic fatty liver disease. <i>Cell Metabolism</i> , 2011 , 14, 804-10 | 24.6 | 396 |
| 61 | Effects of a low-fat, high-carbohydrate diet on VLDL-triglyceride assembly, production, and clearance. <i>Journal of Clinical Investigation</i> , 1999 , 104, 1087-96 | 15.9 | 245 |
| 60 | Mitochondrial metabolism mediates oxidative stress and inflammation in fatty liver. <i>Journal of Clinical Investigation</i> , 2015 , 125, 4447-62 | 15.9 | 234 |
| 59 | Dietary sugars stimulate fatty acid synthesis in adults. <i>Journal of Nutrition</i> , 2008 , 138, 1039-46 | 4.1 | 191 |
| 58 | Contributions of different fatty acid sources to very low-density lipoprotein-triacylglycerol in the fasted and fed states. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2006 , 91, 1446-52 | 5.6 | 176 |
| 57 | Atf4 regulates obesity, glucose homeostasis, and energy expenditure. <i>Diabetes</i> , 2009 , 58, 2565-73 | 0.9 | 161 |
| 56 | Resistance exercise and supraphysiologic androgen therapy in eugonadal men with HIV-related weight loss: a randomized controlled trial. <i>JAMA - Journal of the American Medical Association</i> , 1999 , 281, 1282-90 | 27.4 | 145 |
| 55 | Temporal pattern of de novo lipogenesis in the postprandial state in healthy men. <i>American Journal of Clinical Nutrition</i> , 2005 , 81, 35-42 | 7 | 130 |
| 54 | Postprandial metabolism of meal triglyceride in humans. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2012 , 1821, 721-6 | 5 | 105 |
| 53 | Palmitoleic acid is elevated in fatty liver disease and reflects hepatic lipogenesis. <i>American Journal of Clinical Nutrition</i> , 2015 , 101, 34-43 | 7 | 102 |
| 52 | Effect of dietary carbohydrate on triglyceride metabolism in humans. <i>Journal of Nutrition</i> , 2001 , 131, 2772S-2774S | 4.1 | 101 |
| 51 | Role of Gut Microbiota and Short Chain Fatty Acids in Modulating Energy Harvest and Fat Partitioning in Youth. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016 , 101, 4367-4376 | 5.6 | 79 |
| 50 | Investigation of in vivo fatty acid metabolism in AFABP/aP2(-/-) mice. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2005 , 288, E187-93 | 6 | 77 |
| 49 | The Spot 14 protein is required for de novo lipid synthesis in the lactating mammary gland. <i>Endocrinology</i> , 2005 , 146, 3343-50 | 4.8 | 74 |

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| 48 | Fatty acid sources and their fluxes as they contribute to plasma triglyceride concentrations and fatty liver in humans. <i>Current Opinion in Lipidology</i> , 2014 , 25, 213-20 | 4.4 | 73 |
| 47 | Dynamics of fat absorption and effect of sham feeding on postprandial lipemia. <i>Gastroenterology</i> , 2010 , 139, 1538-48 | 13.3 | 71 |
| 46 | (n-3) fatty acid supplementation in moderately hypertriglyceridemic adults changes postprandial lipid and apolipoprotein B responses to a standardized test meal. <i>Journal of Nutrition</i> , 1999 , 129, 1126-34 ¹ | 4.1 | 65 |
| 45 | Thematic review series: patient-oriented research. Recent advances in liver triacylglycerol and fatty acid metabolism using stable isotope labeling techniques. <i>Journal of Lipid Research</i> , 2006 , 47, 1651-60 | 6.3 | 64 |
| 44 | Recent findings in the study of postprandial lipemia. <i>Current Atherosclerosis Reports</i> , 2001 , 3, 462-70 | 6 | 64 |
| 43 | Spillover of dietary fatty acids and use of serum nonesterified fatty acids for the synthesis of VLDL-triacylglycerol under two different feeding regimens. <i>Diabetes</i> , 2005 , 54, 2668-73 | 0.9 | 62 |
| 42 | 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 |
| 41 | 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 |
| 40 | Effect of n-3 fatty acid-rich fish oil supplementation on the oxidation of low density lipoproteins. <i>Lipids</i> , 1994 , 29, 233-6 | 1.6 | 58 |
| 39 | Postprandial changes in plasma acylcarnitine concentrations as markers of fatty acid flux in overweight and obesity. <i>Metabolism: Clinical and Experimental</i> , 2012 , 61, 202-12 | 12.7 | 55 |
| 38 | VLDL-triglyceride production after alcohol ingestion, studied using [2- ¹³ C ¹] glycerol. <i>Journal of Lipid Research</i> , 1998 , 39, 2319-2328 | 6.3 | 53 |
| 37 | Effects of a carotene-deficient diet on measures of oxidative susceptibility and superoxide dismutase activity in adult women. <i>Free Radical Biology and Medicine</i> , 1994 , 17, 537-44 | 7.8 | 49 |
| 36 | Hepatic De Novo Lipogenesis in Obese Youth Is Modulated by a Common Variant in the GCKR Gene. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015 , 100, E1125-32 | 5.6 | 48 |
| 35 | Increased dietary substrate delivery alters hepatic fatty acid recycling in healthy men. <i>Diabetes</i> , 2005 , 54, 2694-701 | 0.9 | 48 |
| 34 | Increased lipogenesis and fatty acid reesterification contribute to hepatic triacylglycerol stores in hyperlipidemic Txnip ^{-/-} mice. <i>Journal of Nutrition</i> , 2004 , 134, 1475-80 | 4.1 | 42 |
| 33 | Changes in fat synthesis influenced by dietary macronutrient content. <i>Proceedings of the Nutrition Society</i> , 2002 , 61, 281-6 | 2.9 | 36 |
| 32 | Fatty Acid Synthase Inhibitor TVB-2640 Reduces Hepatic de Novo Lipogenesis in Males With Metabolic Abnormalities. <i>Hepatology</i> , 2020 , 72, 103-118 | 11.2 | 36 |
| 31 | Enhanced fatty acid flux triggered by adiponectin overexpression. <i>Endocrinology</i> , 2012 , 153, 113-22 | 4.8 | 29 |

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| 30 | Postprandial Metabolism of Macronutrients and Cardiometabolic Risk: Recent Developments, Emerging Concepts, and Future Directions. <i>Advances in Nutrition</i> , 2016 , 7, 364-74 | 10 | 25 |
| 29 | Clinical research strategies for fructose metabolism. <i>Advances in Nutrition</i> , 2014 , 5, 248-59 | 10 | 21 |
| 28 | Reduced insulin-mediated inhibition of VLDL secretion upon pharmacological activation of the liver X receptor in mice. <i>Journal of Lipid Research</i> , 2009 , 50, 1374-83 | 6.3 | 21 |
| 27 | Insulin activation of plasma nonesterified fatty acid uptake in metabolic syndrome. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2012 , 32, 1799-808 | 9.4 | 20 |
| 26 | Dependence of plasma alpha-tocopherol flux on very low-density triglyceride clearance in humans. <i>Free Radical Biology and Medicine</i> , 2000 , 29, 1151-9 | 7.8 | 17 |
| 25 | Leptin decreases de novo lipogenesis in patients with lipodystrophy. <i>JCI Insight</i> , 2020 , 5, | 9.9 | 17 |
| 24 | Out of the frying pan: dietary saturated fat influences nonalcoholic fatty liver disease. <i>Journal of Clinical Investigation</i> , 2017 , 127, 454-456 | 15.9 | 16 |
| 23 | Predictors of plasma triglyceride elevation in patients participating in a coronary atherosclerosis treatment program. <i>Journal of Cardiopulmonary Rehabilitation and Prevention</i> , 2001 , 21, 73-9 | | 11 |
| 22 | Selective cannabinoid-1 receptor blockade benefits fatty acid and triglyceride metabolism significantly in weight-stable nonhuman primates. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2012 , 303, E624-34 | 6 | 10 |
| 21 | Effect of carbohydrate restriction-induced weight loss on aortic pulse wave velocity in overweight men and women. <i>Applied Physiology, Nutrition and Metabolism</i> , 2018 , 43, 1247-1256 | 3 | 8 |
| 20 | Skeletal muscle microvascular insulin resistance in type 2 diabetes is not improved by eight weeks of regular walking. <i>Journal of Applied Physiology</i> , 2020 , 129, 283-296 | 3.7 | 7 |
| 19 | Protocol for the measurement of fatty acid and glycerol turnover in vivo in baboons. <i>Journal of Lipid Research</i> , 2011 , 52, 1272-1280 | 6.3 | 6 |
| 18 | Compromised hepatic mitochondrial fatty acid oxidation and reduced markers of mitochondrial turnover in human NAFLD. <i>Hepatology</i> , 2022 , | 11.2 | 6 |
| 17 | Changes in Food Cravings and Eating Behavior after a Dietary Carbohydrate Restriction Intervention Trial. <i>Nutrients</i> , 2019 , 12, | 6.7 | 5 |
| 16 | Relationships between Very Low-Density Lipoproteins-Ceramides, -Diacylglycerols, and -Triacylglycerols in Insulin-Resistant Men. <i>Lipids</i> , 2020 , 55, 387-393 | 1.6 | 4 |
| 15 | Effects of a resistance training community programme in older adults. <i>Ageing and Society</i> , 1-16 | 1.7 | 4 |
| 14 | Critical Role for Hepatocyte-Specific eNOS in NAFLD and NASH. <i>Diabetes</i> , 2021 , 70, 2476-2491 | 0.9 | 3 |
| 13 | Lactation Versus Formula Feeding: Insulin, Glucose, and Fatty Acid Metabolism During the Postpartum Period. <i>Diabetes</i> , 2020 , 69, 1624-1635 | 0.9 | 2 |

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| 12 | An LC-MRM method for measuring intestinal triglyceride assembly using an oral stable isotope-labeled fat challenge. <i>Bioanalysis</i> , 2016 , 8, 1265-77 | 2.1 | 2 |
| 11 | The Tailgate Study: Differing metabolic effects of a bout of excessive eating and drinking. <i>Alcohol</i> , 2021 , 90, 45-55 | 2.7 | 2 |
| 10 | A targeted goal for energy-restricted diets in the management of coronary risk?. <i>American Journal of Clinical Nutrition</i> , 2001 , 73, 147-8 | 7 | 1 |
| 9 | Advances in stable isotope tracer methodology part 1: hepatic metabolism via isotopomer analysis and postprandial lipolysis modeling. <i>Journal of Investigative Medicine</i> , 2020 , 68, 3-10 | 2.9 | 1 |
| 8 | High-throughput LC-MS method to investigate postprandial lipemia: considerations for future precision nutrition research. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2021 , 320, E702-E715 | 6 | 1 |
| 7 | Measurement of alpha-tocopherol turnover in plasma and in lipoproteins using stable isotopes and gas chromatography/mass spectrometry. <i>Methods in Molecular Biology</i> , 2002 , 186, 209-19 | 1.4 | |
| 6 | Tailgate Study: A Pilot Study Measuring the Impact of Food and Alcohol Intake on Whole-body and Liver Metabolism. <i>FASEB Journal</i> , 2018 , 32, 760.6 | 0.9 | |
| 5 | Inverse relationship between very low-density lipoprotein (VLDL) ceramides, diacylglycerols, and triacylglycerols in human hepatic lipid accumulation. <i>FASEB Journal</i> , 2019 , 33, lb567 | 0.9 | |
| 4 | Slower Rate of Fat Absorption at Dinner versus Lunch is Associated with Lower Concentrations of Triacylglycerols (TG) the Following Morning. <i>FASEB Journal</i> , 2015 , 29, 744.7 | 0.9 | |
| 3 | An in vivo method for the measurement of cholesterol ester transfer protein (CETP) activity in humans. <i>FASEB Journal</i> , 2011 , 25, 105.6 | 0.9 | |
| 2 | Elongase of long chain fatty acids family 6 (ELOVL6) and stearoyl-CoA desaturase -1 (SCD1) indices suggests potential metabolic benefits in patients with a range of liver fat contents. <i>FASEB Journal</i> , 2012 , 26, 1014.7 | 0.9 | |
| 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 | |