# Todd C Rideout

List of Publications by Year
in descending order



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|---|---|---|---|
| 62 papers | 1,285 citations | 331538 21 h-index | 395590 33 g-index |
| 62 all docs | 62 docs citations | 62 times ranked | 2189 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Gestational hypercholesterolemia programs hepatic steatosis in a sex-specific manner in ApoE-deficient mice. Journal of Nutritional Biochemistry, 2022, 101, 108945. | 1.9 | 1 |
| 2 | Saturated Fat and Cardiovascular Health: Phenotype and Dietary Factors Influencing Interindividual Responsiveness. Current Atherosclerosis Reports, 2022, 24, 391-398. | 2.0 | 0 |
| 3 | Excessive early-life cholesterol exposure may have later-life consequences for nonalcoholic fatty liver disease. Journal of Developmental Origins of Health and Disease, 2021, 12, 229-236. | 0.7 | 4 |
| 4 | Reprogramming of aerobic glycolysis in nonâ€transformed mouse liver with pyruvate dehydrogenase complex deficiency. Physiological Reports, 2021, 9, e14684. | 0.7 | 5 |
| 5 | Three-Day Dietary Manipulation in Multiple Sclerosis. International Journal of MS Care, 2021, 23, 199-205. | 0.4 | 2 |
| 6 | Evaluating the Lipid-Lowering Effects of Î±-lipoic Acid Supplementation: A Systematic Review. Journal of Dietary Supplements, 2020, 17, 753-767. | 1.4 | 6 |
| 7 | Age and Sex Influence Mitochondria and Cardiac Health in Offspring Exposed to Maternal Glucolipotoxicity. IScience, 2020, 23, 101746. | 1.9 | 11 |
| 8 | Maternal hypercholesterolemia programs dyslipidemia in adult male mouse progeny. Reproduction, 2020, 160, 1-10. | 1.1 | 4 |
| 9 | Metabolic effects of Î±-lipoic acid supplementation in pre-diabetics: a randomized, placebo-controlled pilot study. Food and Function, 2019, 10, 5732-5738. | 2.1 | 18 |
| 10 | Gestational hypercholesterolemia alters fetal hepatic lipid metabolism and microRNA expression in Apo-E-deficient mice. American Journal of Physiology - Endocrinology and Metabolism, 2019, 317, E831-E838. | 1.8 | 8 |
| 11 | First international descriptive and interventional survey for cholesterol and non-cholesterol sterol determination by gas- and liquid-chromatographyâ€“Urgent need for harmonisation of analytical methods. Journal of Steroid Biochemistry and Molecular Biology, 2019, 190, 115-125. | 1.2 | 28 |
| 12 | Malprogramming of Hepatic Lipid Metabolism due to Excessive Early Cholesterol Exposure in Adult Progeny. Molecular Nutrition and Food Research, 2019, 63, 1800563. | 1.5 | 6 |
| 13 | Maternal hypercholesterolemia enhances oxysterol concentration in mothers and newly weaned offspring but is attenuated by maternal phytosterol supplementation. Journal of Nutritional Biochemistry, 2018, 52, 10-17. | 1.9 | 16 |
| 14 | International descriptive and interventional survey for oxycholesterol determination by gas- and liquid-chromatographic methods. Biochimie, 2018, 153, 26-32. | 1.3 | 16 |
| 15 | Progress and perspectives in plant sterol and plant stanol research. Nutrition Reviews, 2018, 76, 725-746. | 2.6 | 54 |
| 16 | The Lipid-lowering Effects and Associated Mechanisms of Dietary Phytosterol Supplementation. Current Pharmaceutical Design, 2018, 23, 5077-5085. | 0.9 | 32 |
| 17 | Is ACSL6 at the crossroads of skeletal muscle lipid synthesis?. Journal of Physiology, 2017, 595, 619-620. | 1.3 | 5 |
| 18 | Firefighter Work Duration Influences the Extent of Acute Kidney Injury. Medicine and Science in Sports and Exercise, 2017, 49, 1745-1753. | 0.2 | 36 |

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|---|---|---|---|
| 19 | Dietary Resistant Starch Supplementation Increases High-Density Lipoprotein Particle Number in Pigs Fed a Western Diet. Journal of Dietary Supplements, 2017, 14, 334-345. | 1.4 | 8 |
| 20 | Transcriptional control of enterohepatic lipid regulatory targets in response to early cholesterol and phytosterol exposure in apoEâ^'/â^' mice. BMC Research Notes, 2017, 10, 529. | 0.6 | 9 |
| 21 | Influence of maternal hypercholesterolemia and phytosterol intervention during gestation and lactation on dyslipidemia and hepatic lipid metabolism in offspring of Syrian golden hamsters. Molecular Nutrition and Food Research, 2016, 60, 2151-2160. | 1.5 | 16 |
| 22 | Expression of apical Na+â€"l-glutamine co-transport activity, B0-system neutral amino acid co-transporter (B0AT1) and angiotensin-converting enzyme 2 along the jejunal cryptâ€"villus axis in young pigs fed a liquid formula. Amino Acids, 2016, 48, 1491-1508. | 1.2 | 9 |
| 23 | Lack of mitochondria-generated acetyl-CoA by pyruvate dehydrogenase complex downregulates gene expression in the hepatic de novo lipogenic pathway. American Journal of Physiology - Endocrinology and Metabolism, 2016, 311, E117-E127. | 1.8 | 16 |
| 24 | Vitamin D supplementation affects the IGF system in men after acute exercise. Growth Hormone and IGF Research, 2016, 30-31, 45-51. | 0.5 | 7 |
| 25 | Complementary Cholesterol-Lowering Response of a Phytosterol/Î±-Lipoic Acid Combination in Obese Zucker Rats. Journal of Dietary Supplements, 2016, 13, 283-299. | 1.4 | 12 |
| 26 | Effect of an Acute Bout of Kettlebell Exercise on Glucose Tolerance in Sedentary Men: A Preliminary Study. International Journal of Exercise Science, 2016, 9, 524-535. | 0.5 | 3 |
| 27 | Simultaneous Determination of Oxysterols, Cholesterol and 25-Hydroxy-Vitamin D3 in Human Plasma by LC-UV-MS. PLoS ONE, 2015, 10, e0123771. | 1.1 | 27 |
| 28 | Desaturation index versus isotopically measured de novo lipogenesis as an indicator of acute systemic lipogenesis. BMC Research Notes, 2015, 8, 49. | 0.6 | 13 |
| 29 | Maternal Phytosterol Supplementation during Pregnancy and Lactation Modulates Lipid and Lipoprotein Response in Offspring of apoE-Deficient Mice. Journal of Nutrition, 2015, 145, 1728-1734. | 1.3 | 17 |
| 30 | Cholesterol ester transfer protein polymorphism rs5882 is associated with triglyceride-lowering in response to plant sterol consumption. Applied Physiology, Nutrition and Metabolism, 2015, 40, 846-849. | 0.9 | 10 |
| 31 | Triglyceride-Lowering Response to Plant Sterol and Stanol Consumption. Journal of AOAC INTERNATIONAL, 2015, 98, 707-715. | 0.7 | 23 |
| 32 | Effects of Plant Sterol and Stanol Consumption on Blood Pressure and Endothelial Function. Journal of AOAC INTERNATIONAL, 2015, 98, 729-734. | 0.7 | 6 |
| 33 | Phytosterols protect against diet-induced hypertriglyceridemia in Syrian golden hamsters. Lipids in Health and Disease, 2014, 13, 5. | 1.2 | 25 |
| 34 | Alphaâ€Lipoic Acid Supplementation Reduces mTORC1 Signaling in Skeletal Muscle from High Fat Fed, Obese Zucker Rats. Lipids, 2014, 49, 1193-1201. | 0.7 | 11 |
| 35 | Feeding a diet containing resistant potato starch influences gastrointestinal tract traits and growth performance of weaned pigs1. Journal of Animal Science, 2014, 92, 3906-3913. | 0.2 | 31 |
| 36 | Consumption of wheat bran modified by autoclaving reduces fat mass in hamsters. European Journal of Nutrition, 2014, 53, 793-802. | 1.8 | 10 |

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| 37 | Alpha-Lipoic Acid Reduces LDL-Particle Number and PCSK9 Concentrations in High-Fat Fed Obese Zucker Rats. PLoS ONE, 2014, 9, e90863. | 1.1 | 34 |
| 38 | Consumption of low-fat dairy foods for 6 months improves insulin resistance without adversely affecting lipids or bodyweight in healthy adults: a randomized free-living cross-over study. Nutrition Journal, 2013, 12, 56. | 1.5 | 70 |
| 39 | Dietary oils and FADS1-FADS2 genetic variants modulate [13C]Î±-linolenic acid metabolism and plasma fatty acid composition. American Journal of Clinical Nutrition, 2013, 97, 195-207. | 2.2 | 106 |
| 40 | Treadmill Exercise Training Modulates Hepatic Cholesterol Metabolism and Circulating PCSK9 Concentration in High-Fat-Fed Mice. Journal of Lipids, 2013, 2013, 1-9. | 1.9 | 26 |
| 41 | Treadmill exercise training modulates PCSK9 metabolism in high fat fed mice. FASEB Journal, 2013, 27, 857.6. | 0.2 | 0 |
| 42 | Alphaâ€lipoic acid protects against weight gain and hyperlipidemia in response to high fat feeding in obese Zucker rats. FASEB Journal, 2013, 27, 637.26. | 0.2 | 0 |
| 43 | Metabolic and genetic factors modulating subject specific LDL-C responses to plant sterol therapy<sup>1</sup>This article is an invited review for the Journal's Made In Canada section. The authors gratefully acknowledge the training that was acquired at the Richardson Centre for Functional Foods and Nutraceuticals, University of Manitoba. We would specifically like to thank Dr. Peter Jones for his mentorship and significant contribution to the research contained within this manuscript.. Canadian Journal of Physiology and Pharmacology, 2012, 90, 509-514. | 0.7 | 20 |
| 44 | Evidence for Using Alpha-Lipoic Acid in Reducing Lipoprotein and Inflammatory Related Atherosclerotic Risk. Journal of Dietary Supplements, 2012, 9, 116-127. | 1.4 | 18 |
| 45 | Regulatory Approval of Plant Sterols in Canada: Implications for Health Care and Clinical Practice. Canadian Journal of Dietetic Practice and Research, 2012, 73, 31-34. | 0.5 | 5 |
| 46 | Whole and fractionated yellow pea flours modulate insulin, glucose, oxygen consumption, and the caecal microbiome in Golden Syrian hamsters. Applied Physiology, Nutrition and Metabolism, 2011, 36, 811-820. | 0.9 | 11 |
| 47 | The feasibility of a Paleolithic diet for low-income consumers. Nutrition Research, 2011, 31, 444-451. | 1.3 | 24 |
| 48 | Getting personal: considering variable interindividual responsiveness to dietary lipid-lowering therapies. Current Opinion in Lipidology, 2011, 22, 37-42. | 1.2 | 14 |
| 49 | Consumption of plant sterols reduces plasma and hepatic triglycerides and modulates the expression of lipid regulatory genes and de novo lipogenesis in C57BL/6J mice. Molecular Nutrition and Food Research, 2010, 54, S7-13. | 1.5 | 67 |
| 50 | High basal fractional cholesterol synthesis is associated with nonresponse of plasma LDL cholesterol to plant sterol therapy. American Journal of Clinical Nutrition, 2010, 92, 41-46. | 2.2 | 50 |
| 51 | Hepatic Nuclear Sterol Regulatory Binding Element Protein 2 Abundance Is Decreased and That of ABCG5 Increased in Male Hamsters Fed Plant Sterols ,. Journal of Nutrition, 2010, 140, 1249-1254. | 1.3 | 26 |
| 52 | Combination drugâ€“diet therapies for dyslipidemia. Translational Research, 2010, 155, 220-227. | 2.2 | 9 |
| 53 | Altering dietary lysine:arginine ratio has little effect on cardiovascular risk factors and vascular reactivity in moderately hypercholesterolemic adults. Atherosclerosis, 2010, 210, 555-562. | 0.4 | 27 |
| 54 | Diacylglycerol Oil Reduces Body Fat but Does Not Alter Energy or Lipid Metabolism in Overweight, Hypertriglyceridemic Women. Journal of Nutrition, 2010, 140, 1122-1126. | 1.3 | 21 |

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|---|---|---|---|
| 55 | Low and moderate-fat plant sterol fortified soymilk in modulation of plasma lipids and cholesterol kinetics in subjects with normal to high cholesterol concentrations: report on two randomized crossover studies. Lipids in Health and Disease, 2009, 8, 45. | 1.2 | 43 |
| 56 | Efficacy of a plant sterolâ€fortified low fat soy beverage on cholesterol metabolism in normal to mildlyâ€hypercholesterolemic subjects. FASEB Journal, 2009, 23, LB475. | 0.2 | 0 |
| 57 | Nutrient utilisation and intestinal fermentation are differentially affected by the consumption of resistant starch varieties and conventional fibres in pigs. British Journal of Nutrition, 2008, 99, 984-992. | 1.2 | 43 |
| 58 | Guar gum and similar soluble fibers in the regulation of cholesterol metabolism: Current understandings and future research priorities. Vascular Health and Risk Management, 2008, Volume 4, 1023-1033. | 1.0 | 99 |
| 59 | Fractional Protein Synthesis Rates Are Similar When Measured by Intraperitoneal or Intravenous Flooding Doses of L-[ring-2H5]Phenylalanine in Combination with a Rapid Regimen of Sampling in Piglets. Journal of Nutrition, 2008, 138, 1976-1981. | 1.3 | 15 |
| 60 | Efficacy of Plant Sterol Enhanced Soy Beverage on Biomarkers of Cardiovascular Disease Risk in Humans. FASEB Journal, 2008, 22, 753-753. | 0.2 | 4 |
| 61 | Guar Gum Consumption Increases Hepatic Nuclear SREBP2 and LDL Receptor Expression in Pigs Fed an Atherogenic Diet. Journal of Nutrition, 2007, 137, 568-572. | 1.3 | 32 |
| 62 | Nutrient utilisation in response to dietary supplementation of chicory inulin in growing pigs. Journal of the Science of Food and Agriculture, 2004, 84, 1005-1012. | 1.7 | 16 |