# Emile Levy

List of Publications by Year
in descending order



| | | | |
|---|---|---|---|
| 182 papers | 8,654 citations | 47006 47 h-index | 56724 83 g-index |
| 190 all docs | 190 docs citations | 190 times ranked | 11857 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | A polyphenol-rich cranberry extract protects from diet-induced obesity, insulin resistance and intestinal inflammation in association with increasedAkkermansiaspp. population in the gut microbiota of mice. Gut, 2015, 64, 872-883. | 12.1 | 910 |
| 2 | Mutations in a Sar1 GTPase of COPII vesicles are associated with lipid absorption disorders. Nature Genetics, 2003, 34, 29-31. | 21.4 | 359 |
| 3 | Oxidative Stress as a Critical Factor in Nonalcoholic Fatty Liver Disease Pathogenesis. Antioxidants and Redox Signaling, 2017, 26, 519-541. | 5.4 | 302 |
| 4 | The three-gene paraoxonase family: Physiologic roles, actions and regulation. Atherosclerosis, 2011, 214, 20-36. | 0.8 | 225 |
| 5 | Cacoâ€2 cells as a model for intestinal lipoprotein synthesis and secretion. FASEB Journal, 1995, 9, 626-635. | 0.5 | 191 |
| 6 | Plasma PCSK9 Is Associated with Age, Sex, and Multiple Metabolic Markers in a Population-Based Sample of Children and Adolescents. Clinical Chemistry, 2009, 55, 1637-1645. | 3.2 | 189 |
| 7 | Retinal lipid and glucose metabolism dictates angiogenesis through the lipid sensor Ffar1. Nature Medicine, 2016, 22, 439-445. | 30.7 | 183 |
| 8 | Insights from human congenital disorders of intestinal lipid metabolism. Journal of Lipid Research, 2015, 56, 945-962. | 4.2 | 163 |
| 9 | Gut Microbiota Dysbiosis in Obesity-Linked Metabolic Diseases and Prebiotic Potential of Polyphenol-Rich Extracts. Current Obesity Reports, 2015, 4, 389-400. | 8.4 | 146 |
| 10 | Localization and role of NPC1L1 in cholesterol absorption in human intestine. Journal of Lipid Research, 2006, 47, 2112-2120. | 4.2 | 141 |
| 11 | Altered lipid profile, lipoprotein composition, and oxidant and antioxidant status in pediatric Crohn disease. American Journal of Clinical Nutrition, 2000, 71, 807-815. | 4.7 | 140 |
| 12 | A polyphenol-rich cranberry extract reverses insulin resistance and hepatic steatosis independently of body weight loss. Molecular Metabolism, 2017, 6, 1563-1573. | 6.5 | 132 |
| 13 | Malabsorption, hypocholesterolemia, and fat-filled enterocytes with increased intestinal apoprotein B. Gastroenterology, 1987, 92, 390-399. | 1.3 | 130 |
| 14 | PCSK9 plays a significant role in cholesterol homeostasis and lipid transport in intestinal epithelial cells. Atherosclerosis, 2013, 227, 297-306. | 0.8 | 118 |
| 15 | Intestinal cholesterol transport proteins: an update and beyond. Current Opinion in Lipidology, 2007, 18, 310-318. | 2.7 | 114 |
| 16 | Guidelines for the diagnosis and management of chylomicron retention disease based on a review of the literature and the experience of two centers. Orphanet Journal of Rare Diseases, 2010, 5, 24. | 2.7 | 114 |
| 17 | TriggeringAkkermansiawith dietary polyphenols: A new weapon to combat the metabolic syndrome?. Gut Microbes, 2016, 7, 146-153. | 9.8 | 113 |
| 18 | The Polymorphism at Codon 54 of the FABP2 Gene Increases Fat Absorption in Human Intestinal Explants. Journal of Biological Chemistry, 2001, 276, 39679-39684. | 3.4 | 110 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Butyrate mediates Caco-2 cell apoptosis via up-regulation of pro-apoptotic BAK and inducing caspase-3 mediated cleavage of poly-(ADP-ribose) polymerase (PARP). Cell Death and Differentiation, 1999, 6, 729-735. | 11.2 | 107 |
| 20 | Probiotics as Complementary Treatment for Metabolic Disorders. Diabetes and Metabolism Journal, 2015, 39, 291. | 4.7 | 104 |
| 21 | Apple Peel Polyphenols and Their Beneficial Actions on Oxidative Stress and Inflammation. PLoS ONE, 2013, 8, e53725. | 2.5 | 97 |
| 22 | Metabolic Syndrome as a Multifaceted Risk Factor for Oxidative Stress. Antioxidants and Redox Signaling, 2017, 26, 445-461. | 5.4 | 92 |
| 23 | Prevention of oxidative stress, inflammation and mitochondrial dysfunction in the intestine by different cranberry phenolic fractions. Clinical Science, 2015, 128, 197-212. | 4.3 | 89 |
| 24 | Berry Polyphenols and Fibers Modulate Distinct Microbial Metabolic Functions and Gut Microbiota Enterotype-Like Clustering in Obese Mice. Frontiers in Microbiology, 2020, 11, 2032. | 3.5 | 87 |
| 25 | Modulation of lipid synthesis, apolipoprotein biogenesis, and lipoprotein assembly by butyrate. American Journal of Physiology - Renal Physiology, 2002, 283, G340-G346. | 3.4 | 82 |
| 26 | Prevalence of cardiometabolic risk factors by weight status in a population-based sample of Quebec children and adolescents. Canadian Journal of Cardiology, 2008, 24, 575-583. | 1.7 | 82 |
| 27 | Wild blueberry proanthocyanidins shape distinct gut microbiota profile and influence glucose homeostasis and intestinal phenotypes in high-fat high-sucrose fed mice. Scientific Reports, 2020, 10, 2217. | 3.3 | 81 |
| 28 | Anderson or chylomicron retention disease: Molecular impact of five mutations in the SAR1B gene on the structure and the functionality of Sar1b protein. Molecular Genetics and Metabolism, 2008, 93, 74-84. | 1.1 | 77 |
| 29 | Lipid profile, fatty acid composition and pro- and anti-oxidant status in pediatric patients with attention-deficit/hyperactivity disorder. Prostaglandins Leukotrienes and Essential Fatty Acids, 2008, 79, 47-53. | 2.2 | 76 |
| 30 | Dietary iron overload and induced lipid peroxidation are associated with impaired plasma lipid transport and hepatic sterol metabolism in rats. Hepatology, 1999, 29, 1809-1817. | 7.3 | 73 |
| 31 | Cellular Aspects of Intestinal Lipoprotein Assembly in Psammomys Obesus: A Model of Insulin Resistance and Type 2 Diabetes. Diabetes, 2003, 52, 2539-2545. | 0.6 | 73 |
| 32 | Insight into Polyphenol and Gut Microbiota Crosstalk: Are Their Metabolites the Key to Understand Protective Effects against Metabolic Disorders?. Antioxidants, 2020, 9, 982. | 5.1 | 71 |
| 33 | Localization, function and regulation of the two intestinal fatty acid-binding protein types. Histochemistry and Cell Biology, 2009, 132, 351-367. | 1.7 | 67 |
| 34 | Omega-3 fatty acid treatment of children with attention-deficit hyperactivity disorder: A randomized, double-blind, placebo-controlled study. Paediatrics and Child Health, 2009, 14, 89-98. | 0.6 | 66 |
| 35 | The PETALE study: Late adverse effects and biomarkers in childhood acute lymphoblastic leukemia survivors. Pediatric Blood and Cancer, 2017, 64, e26361. | 1.5 | 66 |
| 36 | Gene expression profiles of normal proliferating and differentiating human intestinal epithelial cells: A comparison with the Caco-2 cell model. Journal of Cellular Biochemistry, 2006, 99, 1175-1186. | 2.6 | 65 |

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|---|---|---|---|
| 37 | Biological role, protein expression, subcellular localization, and oxidative stress response of paraoxonase 2 in the intestine of humans and rats. American Journal of Physiology - Renal Physiology, 2007, 293, G1252-G1261. | 3.4 | 64 |
| 38 | Localization of Microsomal Triglyceride Transfer Protein in the Golgi. Journal of Biological Chemistry, 2002, 277, 16470-16477. | 3.4 | 63 |
| 39 | Intestinal Lipid Handling. Arteriosclerosis, Thrombosis, and Vascular Biology, 2014, 34, 644-653. | 2.4 | 62 |
| 40 | Insulin modulation of newly synthesized apolipoproteins B-100 and B-48 in human fetal intestine: Gene expression and mRNA editing are not involved. FEBS Letters, 1996, 393, 253-258. | 2.8 | 60 |
| 41 | Low Vitamin D Status in a Representative Sample of Youth From Quelèbec, Canada. Clinical Chemistry, 2008, 54, 1283-1289. | 3.2 | 60 |
| 42 | DEVELOPMENT OF NONINVASIVE AND QUANTITATIVE METHODOLOGIES FOR THE ASSESSMENT OF CHRONIC ULCERS AND SCARS IN HUMANS. Wound Repair and Regeneration, 2001, 9, 123-132. | 3.0 | 58 |
| 43 | Blueberry proanthocyanidins and anthocyanins improve metabolic health through a gut microbiota-dependent mechanism in diet-induced obese mice. American Journal of Physiology - Endocrinology and Metabolism, 2020, 318, E965-E980. | 3.5 | 58 |
| 44 | Apple peel polyphenols reduce mitochondrial dysfunction in mice with DSS-induced ulcerative colitis. Journal of Nutritional Biochemistry, 2018, 57, 56-66. | 4.2 | 57 |
| 45 | Intestinal fatty acid binding protein regulates mitochondrion Î²-oxidation and cholesterol uptake. Journal of Lipid Research, 2008, 49, 961-972. | 4.2 | 53 |
| 46 | Modification in Oxidative Stress, Inflammation, and Lipoprotein Assembly in Response to Hepatocyte Nuclear Factor 4Î± Knockdown in Intestinal Epithelial Cells. Journal of Biological Chemistry, 2010, 285, 40448-40460. | 3.4 | 52 |
| 47 | Ontogeny, immunolocalisation, distribution and function of SR-BI in the human intestine. Journal of Cell Science, 2004, 117, 327-337. | 2.0 | 51 |
| 48 | Can phytotherapy with polyphenols serve as a powerful approach for the prevention and therapy tool of novel coronavirus disease 2019 (COVID-19)?. American Journal of Physiology - Endocrinology and Metabolism, 2020, 319, E689-E708. | 3.5 | 51 |
| 49 | Lipid and lipoprotein abnormalities in acute lymphoblastic leukemia survivors. Journal of Lipid Research, 2017, 58, 982-993. | 4.2 | 49 |
| 50 | Prevalence of Malnutrition in Pediatric Hospitals in Developed and In-Transition Countries: The Impact of Hospital Practices. Nutrients, 2019, 11, 236. | 4.1 | 49 |
| 51 | Inflammatory reaction without endogenous antioxidant response in Caco-2 cells exposed to iron/ascorbate-mediated lipid peroxidation. American Journal of Physiology - Renal Physiology, 2003, 285, G898-G906. | 3.4 | 48 |
| 52 | Apple peel polyphenols: a key player in the prevention and treatment of experimental inflammatory bowel disease. Clinical Science, 2016, 130, 2217-2237. | 4.3 | 48 |
| 53 | Expression of Sar1b Enhances Chylomicron Assembly and Key Components of the Coat Protein Complex II System Driving Vesicle Budding. Arteriosclerosis, Thrombosis, and Vascular Biology, 2011, 31, 2692-2699. | 2.4 | 45 |
| 54 | AMPK in the Small Intestine in Normal and Pathophysiological Conditions. Endocrinology, 2014, 155, 873-888. | 2.8 | 45 |

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|---|---|---|---|
| 55 | CFTR silencing in pancreatic Î²-cells reveals a functional impact on glucose-stimulated insulin secretion and oxidative stress response. American Journal of Physiology - Endocrinology and Metabolism, 2016, 310, E200-E212. | 3.5 | 44 |
| 56 | Effect of retinoic acid on cell proliferation and differentiation as well as on lipid synthesis, lipoprotein secretion, and apolipoprotein biogenesis. American Journal of Physiology - Renal Physiology, 2007, 293, G1178-G1189. | 3.4 | 43 |
| 57 | Chylomicron retention disease: A long term study of two cohorts. Molecular Genetics and Metabolism, 2009, 97, 136-142. | 1.1 | 42 |
| 58 | Cystic fibrosis-related diabetes: from CFTR dysfunction to oxidative stress. Clinical Biochemist Reviews, 2009, 30, 153-77. | 3.3 | 42 |
| 59 | Amplifications of DNA primase 1 (PRIM1) in human osteosarcoma. , 1999, 26, 62-69. | | 41 |
| 60 | Membrane peroxidation by lipopolysaccharide and iron-ascorbate adversely affects Caco-2 cell function: beneficial role of butyric acid. American Journal of Clinical Nutrition, 2003, 77, 744-750. | 4.7 | 41 |
| 61 | Cardiometabolic Risk Factors in Childhood, Adolescent and Young Adult Survivors of Acute Lymphoblastic Leukemia â€“ A Petale Cohort. Scientific Reports, 2017, 7, 17684. | 3.3 | 41 |
| 62 | Modulation of intestinal and liver fatty acid-binding proteins in Caco-2 cells by lipids, hormones and cytokines. Journal of Cellular Biochemistry, 2001, 81, 613-620. | 2.6 | 40 |
| 63 | Efficacy of Polyphenols in the Management of Dyslipidemia: A Focus on Clinical Studies. Nutrients, 2021, 13, 672. | 4.1 | 40 |
| 64 | Oxysterols in biological systems: The gastrointestinal tract, liver, vascular wall and central nervous system. Free Radical Research, 2010, 44, 47-73. | 3.3 | 38 |
| 65 | Circulating Docosahexaenoic Acid Levels Are Associated with Fetal Insulin Sensitivity. PLoS ONE, 2014, 9, e85054. | 2.5 | 38 |
| 66 | Distribution of LDL Particle Size in a Population-Based Sample of Children and Adolescents and Relationship with Other Cardiovascular Risk Factors. Clinical Chemistry, 2005, 51, 1192-1200. | 3.2 | 36 |
| 67 | Abnormal hepatobiliary and circulating lipid metabolism in the Long-Evans Cinnamon rat model of Wilson's disease. Life Sciences, 2007, 80, 1472-1483. | 4.3 | 36 |
| 68 | Increased hepatic lipogenesis in insulin resistance and TypeÂ2 diabetes is associated with AMPK signalling pathway up-regulation in Psammomys obesus. Bioscience Reports, 2009, 29, 283-292. | 2.4 | 36 |
| 69 | Understanding Chylomicron Retention Disease Through Sar1b Gtpase Gene Disruption. Arteriosclerosis, Thrombosis, and Vascular Biology, 2017, 37, 2243-2251. | 2.4 | 36 |
| 70 | Absence of intestinal synthesis of apolipoprotein B-48 in two cases of abetalipoproteinemia. Gastroenterology, 1987, 93, 1119-1126. | 1.3 | 35 |
| 71 | Oxidative stress and cystic fibrosis-related diabetes: A pilot study in children. Journal of Cystic Fibrosis, 2008, 7, 373-384. | 0.7 | 35 |
| 72 | Comparative expression analysis reveals differences in the regulation of intestinal paraoxonase family members. International Journal of Biochemistry and Cell Biology, 2009, 41, 1628-1637. | 2.8 | 35 |

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|---|---|---|---|
| 73 | Oxidative Stress and Mitochondrial Functions in the Intestinal Caco-2/15 Cell Line. PLoS ONE, 2010, 5, e11817. | 2.5 | 35 |
| 74 | Gene expression profiling in necrotizing enterocolitis reveals pathways common to those reported in Crohnâ€™s disease. BMC Medical Genomics, 2015, 9, 6. | 1.5 | 35 |
| 75 | Chylomicron retention disease: genetics, biochemistry, and clinical spectrum. Current Opinion in Lipidology, 2019, 30, 134-139. | 2.7 | 35 |
| 76 | The 1991 Borden Award Lecture. Selected aspects of intraluminal and intracellular phases of intestinal fat absorption. Canadian Journal of Physiology and Pharmacology, 1992, 70, 413-419. | 1.4 | 34 |
| 77 | Iron-Ascorbate-Mediated Lipid Peroxidation Causes Epigenetic Changes in the Antioxidant Defense in Intestinal Epithelial Cells: Impact on Inflammation. PLoS ONE, 2013, 8, e63456. | 2.5 | 34 |
| 78 | Modulatory effects of a cranberry extract co-supplementation with Bacillus subtilis CU1 probiotic on phenolic compounds bioavailability and gut microbiota composition in high-fat diet-fed mice. PharmaNutrition, 2015, 3, 89-100. | 1.7 | 34 |
| 79 | Human crypt intestinal epithelial cells are capable of lipid production, apolipoprotein synthesis, and lipoprotein assembly. Journal of Lipid Research, 2000, 41, 12-22. | 4.2 | 34 |
| 80 | Antioxidative properties of paraoxonase 2 in intestinal epithelial cells. American Journal of Physiology - Renal Physiology, 2012, 303, G623-G634. | 3.4 | 33 |
| 81 | CFTR knockdown stimulates lipid synthesis and transport in intestinal Caco-2/15 cells. American Journal of Physiology - Renal Physiology, 2009, 297, G1239-G1249. | 3.4 | 32 |
| 82 | The Epigenetic Machinery in Vascular Dysfunction and Hypertension. Current Hypertension Reports, 2017, 19, 52. | 3.5 | 32 |
| 83 | Assessment of Malnutrition Risk in Canadian Pediatric Hospitals: A Multicenter Prospective Cohort Study. Journal of Pediatrics, 2019, 205, 160-167.e6. | 1.8 | 32 |
| 84 | CFTR Depletion Results in Changes in Fatty Acid Composition and Promotes Lipogenesis in Intestinal Caco 2/15 Cells. PLoS ONE, 2010, 5, e10446. | 2.5 | 31 |
| 85 | Non-alcoholic fatty liver disease severity and metabolic complications in obese children: impact of omega-3 fatty acids. Journal of Nutritional Biochemistry, 2018, 58, 28-36. | 4.2 | 30 |
| 86 | The Antioxidant BHT Normalizes Some Oxidative Effects of Iron + Ascorbate on Lipid Metabolism in Caco-2 Cells. Journal of Nutrition, 2002, 132, 1289-1292. | 2.9 | 28 |
| 87 | Intestinal fatty acid binding protein and microsomal triglyceride transfer protein polymorphisms in French-Canadian youth. Journal of Lipid Research, 2005, 46, 320-327. | 4.2 | 28 |
| 88 | An atherogenic diet decreases liver FXR gene expression and causes severe hepatic steatosis and hepatic cholesterol accumulation: effect of endurance training. European Journal of Nutrition, 2013, 52, 1523-1532. | 3.9 | 28 |
| 89 | Abnormal intracellular lipid processing contributes to fat malabsorption in cystic fibrosis patients. American Journal of Physiology - Renal Physiology, 2006, 290, G609-G615. | 3.4 | 27 |
| 90 | Regulation of the proprotein convertase subtilisin/kexin type 9 in intestinal epithelial cells. American Journal of Physiology - Renal Physiology, 2009, 296, G805-G815. | 3.4 | 26 |

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|---|---|---|---|
| 91 | Intestinal and Hepatic Cholesterol Carriers in Diabetic Psammomys obesus. Endocrinology, 2010, 151, 958-970. | 2.8 | 26 |
| 92 | CFTR Deletion Confers Mitochondrial Dysfunction and Disrupts Lipid Homeostasis in Intestinal Epithelial Cells. Nutrients, 2018, 10, 836. | 4.1 | 26 |
| 93 | Digestive and Absorptive Phase Anomalies Associated with the Exocrine Pancreatic Insufficiency of Cystic Fibrosis. Journal of Pediatric Gastroenterology and Nutrition, 1988, 7, S1-S7. | 1.8 | 25 |
| 94 | Developmental aspects of lipid and lipoprotein synthesis and secretion in human gut. Microscopy Research and Technique, 2000, 49, 363-373. | 2.2 | 25 |
| 95 | Impact of in vivo glycation of LDL on platelet aggregation and monocyte chemotaxis in diabetic Psammomys obesus. Lipids, 2004, 39, 81-85. | 1.7 | 25 |
| 96 | Hypertriglyceridemia is associated with insulin levels in adult cystic fibrosis patients. Journal of Cystic Fibrosis, 2013, 12, 271-276. | 0.7 | 25 |
| 97 | Altered intestinal functions and increased local inflammation in insulin-resistant obese subjects: a gene-expression profile analysis. BMC Gastroenterology, 2015, 15, 119. | 2.0 | 24 |
| 98 | SAR1B GTPase is necessary to protect intestinal cells from disorders of lipid homeostasis, oxidative stress, and inflammation. Journal of Lipid Research, 2019, 60, 1755-1764. | 4.2 | 24 |
| 99 | Association between insulin, leptin, adiponectin and blood pressure in youth. Journal of Hypertension, 2009, 27, 1025-1032. | 0.5 | 23 |
| 100 | A severe form of abetalipoproteinemia caused by new splicing mutations of microsomal triglyceride transfer protein (MTTP). Human Mutation, 2011, 32, 751-759. | 2.5 | 23 |
| 101 | Circulating levels of linoleic acid and HDL-cholesterol are major determinants of 4-hydroxynonenal protein adducts in patients with heart failure. Redox Biology, 2014, 2, 148-155. | 9.0 | 23 |
| 102 | Cystic Fibrosis-Related Oxidative Stress and Intestinal Lipid Disorders. Antioxidants and Redox Signaling, 2015, 22, 614-631. | 5.4 | 23 |
| 103 | Intestinal-fatty acid binding protein and lipid transport in human intestinal epithelial cells. Biochemical and Biophysical Research Communications, 2006, 339, 248-254. | 2.1 | 22 |
| 104 | Sar1b transgenic male mice are more susceptible to high-fat diet-induced obesity, insulin insensitivity and intestinal chylomicron overproduction. Journal of Nutritional Biochemistry, 2014, 25, 540-548. | 4.2 | 22 |
| 105 | New Insights In Intestinal Sar1B GTPase Regulation and Role in Cholesterol Homeostasis. Journal of Cellular Biochemistry, 2015, 116, 2270-2282. | 2.6 | 22 |
| 106 | Apolipoproteins in human fetal colon: Immunolocalization, biogenesis, and hormonal regulation. Journal of Cellular Biochemistry, 1998, 70, 354-365. | 2.6 | 21 |
| 107 | Modulatory Role of PYY in Transport and Metabolism of Cholesterol in Intestinal Epithelial Cells. PLoS ONE, 2012, 7, e40992. | 2.5 | 21 |
| 108 | Vitamin D Reduces Colitis- and Inflammation-Associated Colorectal Cancer in Mice Independent of NOD2. Nutrition and Cancer, 2017, 69, 276-288. | 2.0 | 21 |

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|---|---|---|---|
| 109 | Caco-2 cells and human fetal colon: a comparative analysis of their lipid transport. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 1999, 1439, 353-362. | 2.4 | 20 |
| 110 | Gastric Lipase in the Newborn Rat. Pediatric Research, 1982, 16, 69???74. | 2.3 | 20 |
| 111 | Hepatocyte Nuclear Factor 4 Alpha Polymorphisms and the Metabolic Syndrome in French-Canadian Youth. PLoS ONE, 2015, 10, e0117238. | 2.5 | 19 |
| 112 | Large-for-Gestational-Age May Be Associated With Lower Fetal Insulin Sensitivity and Î²-Cell Function Linked to Leptin. Journal of Clinical Endocrinology and Metabolism, 2018, 103, 3837-3844. | 3.6 | 19 |
| 113 | Plasma and lipoprotein fatty acid composition in glycogen storage disease type I. Lipids, 1987, 22, 381-385. | 1.7 | 18 |
| 114 | Identification of microsomal triglyceride transfer protein in intestinal brush-border membrane. Experimental Cell Research, 2004, 300, 11-22. | 2.6 | 18 |
| 115 | Nutriepigenomics and malnutrition. Epigenomics, 2017, 9, 893-917. | 2.1 | 18 |
| 116 | The nitric oxide synthase 2 pathway is targeted by both pro- and anti-inflammatory treatments in the immature human intestine. Nitric Oxide - Biology and Chemistry, 2017, 66, 53-61. | 2.7 | 18 |
| 117 | Saturated Fats from Butter but Not from Cheese Increase HDL-Mediated Cholesterol Efflux Capacity from J774 Macrophages in Men and Women with Abdominal Obesity. Journal of Nutrition, 2018, 148, 573-580. | 2.9 | 18 |
| 118 | Histone Deacetylase Inhibition Impairs Normal Intestinal Cell Proliferation and Promotes Specific Gene Expression. Journal of Cellular Biochemistry, 2015, 116, 2695-2708. | 2.6 | 17 |
| 119 | Association Between the PTPN2 Gene and CrohnÊ¼s Disease. Inflammatory Bowel Diseases, 2013, 19, 1149-1155. | 1.9 | 16 |
| 120 | Efficacy of two vitamin E formulations in patients with abetalipoproteinemia and chylomicron retention disease. Journal of Lipid Research, 2018, 59, 1640-1648. | 4.2 | 16 |
| 121 | A Cross-Sectional Study on Malnutrition in Inflammatory Bowel Disease: Is There a Difference Based on Pediatric or Adult Age Grouping?. Inflammatory Bowel Diseases, 2019, 25, 1428-1441. | 1.9 | 16 |
| 122 | Diet Quality Is Associated with Cardiometabolic Outcomes in Survivors of Childhood Leukemia. Nutrients, 2020, 12, 2137. | 4.1 | 16 |
| 123 | Functional Development of Human Fetal Gastrointestinal Tract. Methods in Molecular Biology, 2009, 550, 205-224. | 0.9 | 16 |
| 124 | Identification of two novel LDL receptor gene defects in French-Canadian pediatric population: Mutational analysis and biochemical studies. Human Mutation, 1997, 9, 555-562. | 2.5 | 15 |
| 125 | Anti-inflammatory effects of epidermal growth factor on the immature human intestine. Physiological Genomics, 2012, 44, 268-280. | 2.3 | 15 |
| 126 | Deleterious effects of indomethacin in the mid-gestation human intestine. Genomics, 2013, 101, 171-177. | 2.9 | 15 |

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|---|---|---|---|
| 127 | Role of the apical and basolateral domains of the enterocyte in the regulation of cholesterol transport by a high glucose concentration. Biochemistry and Cell Biology, 2013, 91, 476-486. | 2.0 | 15 |
| 128 | Targeted CFTR gene disruption with zinc-finger nucleases in human intestinal epithelial cells induces oxidative stress and inflammation. International Journal of Biochemistry and Cell Biology, 2016, 74, 84-94. | 2.8 | 15 |
| 129 | Biomarkers of cardiometabolic complications in survivors of childhood acute lymphoblastic leukemia. Scientific Reports, 2020, 10, 21507. | 3.3 | 15 |
| 130 | Sar1b mutant mice recapitulate gastrointestinal abnormalities associated with chylomicron retention disease. Journal of Lipid Research, 2021, 62, 100085. | 4.2 | 15 |
| 131 | Intestinal protection by proanthocyanidins involves anti-oxidative and anti-inflammatory actions in association with an improvement of insulin sensitivity, lipid and glucose homeostasis. Scientific Reports, 2021, 11, 3878. | 3.3 | 15 |
| 132 | Plasma Lactoferrin Levels Positively Correlate with Insulin Resistance despite an Inverse Association with Total Adiposity in Lean and Severely Obese Patients. PLoS ONE, 2016, 11, e0166138. | 2.5 | 14 |
| 133 | Uptake and metabolism of structured triglyceride by Caco-2 cells: reversal of essential fatty acid deficiency. American Journal of Physiology - Renal Physiology, 1998, 275, G652-G659. | 3.4 | 13 |
| 134 | Genetic Diversity Patterns in the SR-BI/II Locus Can Be Explained by a Recent Selective Sweep. Molecular Biology and Evolution, 2004, 21, 760-769. | 8.9 | 13 |
| 135 | Perinatal Oxidative Stress May Affect Fetal Ghrelin Levels in Humans. Scientific Reports, 2016, 5, 17881. | 3.3 | 13 |
| 136 | Development and relative validation of a food frequency questionnaire for French-Canadian adolescent and young adult survivors of acute lymphoblastic leukemia. Nutrition Journal, 2018, 17, 45. | 3.4 | 13 |
| 137 | Glycomacropeptide Prevents Iron/Ascorbate-Induced Oxidative Stress, Inflammation and Insulin Sensitivity with an Impact on Lipoprotein Production in Intestinal Caco-2/15 Cells. Nutrients, 2020, 12, 1175. | 4.1 | 13 |
| 138 | Lipid abnormalities in pancreatic tissue of streptozotocin-induced diabetic rats. Lipids, 1988, 23, 771-778. | 1.7 | 12 |
| 139 | Steatorrhea and Disorders of Chylomicron Synthesis and Secretion. Pediatric Clinics of North America, 1988, 35, 53-67. | 1.8 | 12 |
| 140 | The effects of cholesterol uptake from high-density lipoprotein subfractions on biliary sterol secretion in rats with essential fatty-acid deficiency. Hepatology, 1998, 27, 779-786. | 7.3 | 12 |
| 141 | Modulation of apo A-IV transcript levels and synthesis by n-3, n-6, and n-9 fatty acids in CACO-2 cells. Journal of Cellular Biochemistry, 1999, 75, 73-81. | 2.6 | 12 |
| 142 | Insight from mitochondrial functions and proteomics to understand cardiometabolic disorders in survivors of acute lymphoblastic leukemia. Metabolism: Clinical and Experimental, 2018, 85, 151-160. | 3.4 | 12 |
| 143 | The value of non-invasive vascular elastography (NIVE) in detecting early vascular changes in overweight and obese children. European Radiology, 2019, 29, 3854-3861. | 4.5 | 12 |
| 144 | Altered proteome of high-density lipoproteins from paediatric acute lymphoblastic leukemia survivors. Scientific Reports, 2019, 9, 4268. | 3.3 | 11 |

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|---|---|---|---|
| 145 | Dietary Intakes Are Associated with HDL-Cholesterol in Survivors of Childhood Acute Lymphoblastic Leukaemia. Nutrients, 2019, 11, 2977. | 4.1 | 11 |
| 146 | Geneâ€expression Profile Analysis in the Midâ€gestation Human Intestine Discloses Greater Functional Immaturity of the Colon as Compared With the Ileum. Journal of Pediatric Gastroenterology and Nutrition, 2011, 52, 670-678. | 1.8 | 10 |
| 147 | Acetylcarnitine potentiates the anticarcinogenic effects of butyrate on SW480 colon cancer cells. International Journal of Oncology, 2015, 47, 755-763. | 3.3 | 10 |
| 148 | Adiposity in Children and CVD Risk: ApoB48 Has a Stronger Association With Central Fat Than Classic Lipid Markers. Journal of Clinical Endocrinology and Metabolism, 2016, 101, 2915-2922. | 3.6 | 10 |
| 149 | Lipocalin-2 and calprotectin as stool biomarkers for predicting necrotizing enterocolitis in premature neonates. Pediatric Research, 2022, 91, 129-136. | 2.3 | 10 |
| 150 | Lipoprotein Abnormalities in Two Children with Minimal Biliary Excretion. Journal of Pediatric Gastroenterology and Nutrition, 1995, 20, 432-439. | 1.8 | 9 |
| 151 | Use of immunoelectron microscopy and intestinal models to explore the elaboration of apolipoproteins required for intraenterocyte lipid transport. , 2000, 49, 374-382. | | 9 |
| 152 | Regulation of Leptin Receptor Expression in Human Polarized Caco-2/15 Cells. Endocrine, Metabolic and Immune Disorders - Drug Targets, 2012, 12, 57-70. | 1.2 | 9 |
| 153 | Tissue Distribution and Regulation of the Small Sar1b GTPase in Mice. Cellular Physiology and Biochemistry, 2014, 33, 1815-1826. | 1.6 | 9 |
| 154 | Vitamin A and E Nutritional Status in Relation to Leptin, Adiponectin, IGF-I and IGF-II in Early Life - a Birth Cohort Study. Scientific Reports, 2018, 8, 100. | 3.3 | 9 |
| 155 | Cardiometabolic risk factors and lactoferrin: polymorphisms and plasma levels in French-Canadian children. Pediatric Research, 2017, 82, 741-748. | 2.3 | 8 |
| 156 | Are universal upper reference limits for alanine aminotransferase (ALT) appropriate for assessing pediatric liver injury?. Clinical Biochemistry, 2018, 53, 55-57. | 1.9 | 8 |
| 157 | IL-17-related signature genes linked to human necrotizing enterocolitis. BMC Research Notes, 2021, 14, 82. | 1.4 | 8 |
| 158 | Cord Blood IGF-I, Proinsulin, Leptin, HMW Adiponectin, and Ghrelin in Short or Skinny Small-for-Gestational-Age Infants. Journal of Clinical Endocrinology and Metabolism, 2021, 106, e3049-e3057. | 3.6 | 7 |
| 159 | Large birth size, infancy growth pattern, insulin resistance and Î²-cell function. European Journal of Endocrinology, 2021, 185, 77-85. | 3.7 | 7 |
| 160 | Glycomacropeptide for Management of Insulin Resistance and Liver Metabolic Perturbations. Biomedicines, 2021, 9, 1140. | 3.2 | 7 |
| 161 | Intestinal Dysbiosis and Development of Cardiometabolic Disorders in Childhood Cancer Survivors: A Critical Review. Antioxidants and Redox Signaling, 2021, 34, 223-251. | 5.4 | 6 |
| 162 | The postnatal window is critical for the development of sex-specific metabolic and gut microbiota outcomes in offspring. Gut Microbes, 2021, 13, 2004070. | 9.8 | 6 |

| # | Article | IF | Citations |
|---|---|---|---|
| 163 | Cholecalciferol Supplementation Does Not Prevent the Development of Metabolic Syndrome or Enhance the Beneficial Effects of Omega-3 Fatty Acids in Obese Mice. Journal of Nutrition, 2021, 151, 1175-1189. | 2.9 | 5 |
| 164 | CARDEA study protocol: investigating early markers of cardiovascular disease and their association with lifestyle habits, inflammation and oxidative stress in adolescence using a cross-sectional comparison of adolescents with type 1 diabetes and healthy controls. BMJ Open, 2021, 11, e046585. | 1.9 | 5 |
| 165 | Combined effects of EFA deficiency and tumor necrosis factor-Î± on circulating lipoproteins in rats. Lipids, 2003, 38, 595-602. | 1.7 | 4 |
| 166 | Nutrition-related derangements and managements in patients with cystic fibrosis: Robust challenges for preventing the development of co-morbidities. Clinical Biochemistry, 2011, 44, 489-490. | 1.9 | 4 |
| 167 | Characterization of bioactive cranberry fractions by mass spectrometry. Canadian Journal of Chemistry, 2020, 98, 589-596. | 1.1 | 4 |
| 168 | From Congenital Disorders of Fat Malabsorption to Understanding Intra-Enterocyte Mechanisms Behind Chylomicron Assembly and Secretion. Frontiers in Physiology, 2021, 12, 629222. | 2.8 | 4 |
| 169 | Large-for-Gestational-Age, Leptin, and Adiponectin in Infancy. Journal of Clinical Endocrinology and Metabolism, 2022, 107, e688-e697. | 3.6 | 4 |
| 170 | Photooxidation of Parenteral Multivitamins Induces Hepatic Steatosis in a Neonatal Guinea Pig Model of Intravenous Nutrition. Pediatric Research, 2002, 52, 958-963. | 2.3 | 4 |
| 171 | Pediatric Non-Alcoholic Fatty Liver Disease/Oboljenje Ne-Alkoholne Masne Jetre U Pedijatriji. Journal of Medical Biochemistry, 2014, 34, 3-12. | 1.7 | 3 |
| 172 | Impaired antimicrobial response and mucosal protection induced by ibuprofen in the immature human intestine. Pediatric Research, 2018, 84, 813-820. | 2.3 | 3 |
| 173 | Oxidized LDL, insulin sensitivity and beta-cell function in newborns. BMJ Open Diabetes Research and Care, 2021, 9, e001435. | 2.8 | 3 |
| 174 | A combination of single nucleotide polymorphisms is associated with the interindividual variability in the blood lipid response to dietary fatty acid consumption in a randomized clinical trial. American Journal of Clinical Nutrition, 2021, 114, 564-577. | 4.7 | 3 |
| 175 | The Role of Oxidative Stress and Inflammation in Cardiometabolic Health of Children During Cancer Treatment and Potential Impact of Key Nutrients. Antioxidants and Redox Signaling, 2021, 35, 293-318. | 5.4 | 1 |
| 176 | Current applications for measuring pediatric intima-media thickness. Pediatric Radiology, 2022, 52, 1627-1638. | 2.0 | 1 |
| 177 | Introduction of loxP sites by electroporation in the mouse genome; a simple approach for conditional allele generation in complex targeting loci. BMC Biotechnology, 2022, 22, 14. | 3.3 | 1 |
| 178 | Syndrome mÃ©tabolique : que peut la nutrition contre les organes â€œabuseurs et complicesâ€?. Bulletin De L'Academie Nationale De Medecine, 2009, 193, 1271-1279. | 0.0 | 0 |
| 179 | Pediatric Primary and Secondary Hyperlipidemias. , 2020, , 170-179. | | 0 |
| 180 | Intestinal paraoxonase regulation and its status in Crohnâ€™s disease. FASEB Journal, 2007, 21, A1321. | 0.5 | 0 |

| # | Article | IF | Citations |
|---|---|---|---|
| 181 | Lipid abnormalities in young patients with attentionâ€deficit/hyperactivity disorder. FASEB Journal, 2007, 21, A455. | 0.5 | 0 |
| 182 | Congenital Disorders of Lipid Transport. , 2016, , 437-444. | | 0 |