

Emile Levy

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/2386637/emile-levy-publications-by-year.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

181
papers

6,628
citations

41
h-index

73
g-index

190
ext. papers

7,654
ext. citations

5.1
avg. IF

5.66
L-index

#	Paper	IF	Citations
181	Current applications for measuring pediatric intima-media thickness.. <i>Pediatric Radiology</i> , 2022 , 1	2.8	1
180	Congenital Disorders of Lipid Transport 2022 , 485-493		
179	Introduction of loxP sites by electroporation in the mouse genome; a simple approach for conditional allele generation in complex targeting loci.. <i>BMC Biotechnology</i> , 2022 , 22, 14	3.5	
178	The postnatal window is critical for the development of sex-specific metabolic and gut microbiota outcomes in offspring. <i>Gut Microbes</i> , 2021 , 13, 2004070	8.8	0
177	IL-17-related signature genes linked to human necrotizing enterocolitis. <i>BMC Research Notes</i> , 2021 , 14, 82	2.3	2
176	Oxidized LDL, insulin sensitivity and beta-cell function in newborns. <i>BMJ Open Diabetes Research and Care</i> , 2021 , 9,	4.5	1
175	Cord Blood IGF-I, Proinsulin, Leptin, HMW Adiponectin, and Ghrelin in Short or Skinny Small-for-Gestational-Age Infants. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021 , 106, e3049-e3057	5.6	1
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. <i>American Journal of Clinical Nutrition</i> , 2021 , 114, 564-577	7	2
173	Cholecalciferol Supplementation Does Not Prevent the Development of Metabolic Syndrome or Enhance the Beneficial Effects of Omega-3 Fatty Acids in Obese Mice. <i>Journal of Nutrition</i> , 2021 , 151, 1175-1189	4.1	3
172	Intestinal Dysbiosis and Development of Cardiometabolic Disorders in Childhood Cancer Survivors: A Critical Review. <i>Antioxidants and Redox Signaling</i> , 2021 , 34, 223-251	8.4	5
171	Sar1b mutant mice recapitulate gastrointestinal abnormalities associated with chylomicron retention disease. <i>Journal of Lipid Research</i> , 2021 , 62, 100085	6.3	2
170	From Congenital Disorders of Fat Malabsorption to Understanding Intra-Enterocyte Mechanisms Behind Chylomicron Assembly and Secretion. <i>Frontiers in Physiology</i> , 2021 , 12, 629222	4.6	0
169	Intestinal protection by proanthocyanidins involves anti-oxidative and anti-inflammatory actions in association with an improvement of insulin sensitivity, lipid and glucose homeostasis. <i>Scientific Reports</i> , 2021 , 11, 3878	4.9	5
168	Efficacy of Polyphenols in the Management of Dyslipidemia: A Focus on Clinical Studies. <i>Nutrients</i> , 2021 , 13,	6.7	12
167	Large birth size, infancy growth pattern, insulin resistance and β cell function. <i>European Journal of Endocrinology</i> , 2021 , 185, 77-85	6.5	2
166	The Role of Oxidative Stress and Inflammation in Cardiometabolic Health of Children During Cancer Treatment and Potential Impact of Key Nutrients. <i>Antioxidants and Redox Signaling</i> , 2021 , 35, 293-318	8.4	1
165	Lipocalin-2 and calprotectin as stool biomarkers for predicting necrotizing enterocolitis in premature neonates. <i>Pediatric Research</i> , 2021 ,	3.2	4

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. <i>BMJ Open</i> , 2021 , 11, e046585	3	1
163	Blueberry proanthocyanidins and anthocyanins improve metabolic health through a gut microbiota-dependent mechanism in diet-induced obese mice. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2020 , 318, E965-E980	6	25
162	Characterization of bioactive cranberry fractions by mass spectrometry. <i>Canadian Journal of Chemistry</i> , 2020 , 98, 589-596	0.9	1
161	Wild blueberry proanthocyanidins shape distinct gut microbiota profile and influence glucose homeostasis and intestinal phenotypes in high-fat high-sucrose fed mice. <i>Scientific Reports</i> , 2020 , 10, 2217	4.9	40
160	Glycomacropeptide Prevents Iron/Ascorbate-Induced Oxidative Stress, Inflammation and Insulin Sensitivity with an Impact on Lipoprotein Production in Intestinal Caco-2/15 Cells. <i>Nutrients</i> , 2020 , 12,	6.7	5
159	Insight into Polyphenol and Gut Microbiota Crosstalk: Are Their Metabolites the Key to Understand Protective Effects against Metabolic Disorders?. <i>Antioxidants</i> , 2020 , 9,	7.1	33
158	Can phytotherapy with polyphenols serve as a powerful approach for the prevention and therapy tool of novel coronavirus disease 2019 (COVID-19)?. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2020 , 319, E689-E708	6	22
157	Diet Quality Is Associated with Cardiometabolic Outcomes in Survivors of Childhood Leukemia. <i>Nutrients</i> , 2020 , 12,	6.7	8
156	Berry Polyphenols and Fibers Modulate Distinct Microbial Metabolic Functions and Gut Microbiota Enterotype-Like Clustering in Obese Mice. <i>Frontiers in Microbiology</i> , 2020 , 11, 2032	5.7	25
155	Biomarkers of cardiometabolic complications in survivors of childhood acute lymphoblastic leukemia. <i>Scientific Reports</i> , 2020 , 10, 21507	4.9	0
154	Pediatric Primary and Secondary Hyperlipidemias 2020 , 170-179		
153	Prevalence of Malnutrition in Pediatric Hospitals in Developed and In-Transition Countries: The Impact of Hospital Practices. <i>Nutrients</i> , 2019 , 11,	6.7	21
152	The value of non-invasive vascular elastography (NIVE) in detecting early vascular changes in overweight and obese children. <i>European Radiology</i> , 2019 , 29, 3854-3861	8	7
151	Altered proteome of high-density lipoproteins from paediatric acute lymphoblastic leukemia survivors. <i>Scientific Reports</i> , 2019 , 9, 4268	4.9	9
150	A Cross-Sectional Study on Malnutrition in Inflammatory Bowel Disease: Is There a Difference Based on Pediatric or Adult Age Grouping?. <i>Inflammatory Bowel Diseases</i> , 2019 , 25, 1428-1441	4.5	9
149	SAR1B GTPase is necessary to protect intestinal cells from disorders of lipid homeostasis, oxidative stress, and inflammation. <i>Journal of Lipid Research</i> , 2019 , 60, 1755-1764	6.3	10
148	Dietary Intakes Are Associated with HDL-Cholesterol in Survivors of Childhood Acute Lymphoblastic Leukaemia. <i>Nutrients</i> , 2019 , 11,	6.7	5
147	Chylomicron retention disease: genetics, biochemistry, and clinical spectrum. <i>Current Opinion in Lipidology</i> , 2019 , 30, 134-139	4.4	21

146	Assessment of Malnutrition Risk in Canadian Pediatric Hospitals: A Multicenter Prospective Cohort Study. <i>Journal of Pediatrics</i> , 2019 , 205, 160-167.e6	3.6	14
145	Saturated Fats from Butter but Not from Cheese Increase HDL-Mediated Cholesterol Efflux Capacity from J774 Macrophages in Men and Women with Abdominal Obesity. <i>Journal of Nutrition</i> , 2018 , 148, 573-580	4.1	9
144	Non-alcoholic fatty liver disease severity and metabolic complications in obese children: impact of omega-3 fatty acids. <i>Journal of Nutritional Biochemistry</i> , 2018 , 58, 28-36	6.3	21
143	Are universal upper reference limits for alanine aminotransferase (ALT) appropriate for assessing pediatric liver injury?. <i>Clinical Biochemistry</i> , 2018 , 53, 55-57	3.5	6
142	Vitamin A and E Nutritional Status in Relation to Leptin, Adiponectin, IGF-I and IGF-II in Early Life - a Birth Cohort Study. <i>Scientific Reports</i> , 2018 , 8, 100	4.9	6
141	Development and relative validation of a food frequency questionnaire for French-Canadian adolescent and young adult survivors of acute lymphoblastic leukemia. <i>Nutrition Journal</i> , 2018 , 17, 45	4.3	12
140	Apple peel polyphenols reduce mitochondrial dysfunction in mice with DSS-induced ulcerative colitis. <i>Journal of Nutritional Biochemistry</i> , 2018 , 57, 56-66	6.3	35
139	Insight from mitochondrial functions and proteomics to understand cardiometabolic disorders in survivors of acute lymphoblastic leukemia. <i>Metabolism: Clinical and Experimental</i> , 2018 , 85, 151-160	12.7	9
138	Efficacy of two vitamin E formulations in patients with abetalipoproteinemia and chylomicron retention disease. <i>Journal of Lipid Research</i> , 2018 , 59, 1640-1648	6.3	9
137	CFTR Deletion Confers Mitochondrial Dysfunction and Disrupts Lipid Homeostasis in Intestinal Epithelial Cells. <i>Nutrients</i> , 2018 , 10,	6.7	16
136	Large-for-Gestational-Age May Be Associated With Lower Fetal Insulin Sensitivity and β Cell Function Linked to Leptin. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2018 , 103, 3837-3844	5.6	7
135	Impaired antimicrobial response and mucosal protection induced by ibuprofen in the immature human intestine. <i>Pediatric Research</i> , 2018 , 84, 813-820	3.2	1
134	Metabolic Syndrome as a Multifaceted Risk Factor for Oxidative Stress. <i>Antioxidants and Redox Signaling</i> , 2017 , 26, 445-461	8.4	57
133	Lipid and lipoprotein abnormalities in acute lymphoblastic leukemia survivors. <i>Journal of Lipid Research</i> , 2017 , 58, 982-993	6.3	31
132	Nutriepigenomics and malnutrition. <i>Epigenomics</i> , 2017 , 9, 893-917	4.4	13
131	The Epigenetic Machinery in Vascular Dysfunction and Hypertension. <i>Current Hypertension Reports</i> , 2017 , 19, 52	4.7	22
130	The nitric oxide synthase 2 pathway is targeted by both pro- and anti-inflammatory treatments in the immature human intestine. <i>Nitric Oxide - Biology and Chemistry</i> , 2017 , 66, 53-61	5	15
129	The PETALE study: Late adverse effects and biomarkers in childhood acute lymphoblastic leukemia survivors. <i>Pediatric Blood and Cancer</i> , 2017 , 64, e26361	3	43

128	Vitamin D Reduces Colitis- and Inflammation-Associated Colorectal Cancer in Mice Independent of NOD2. <i>Nutrition and Cancer</i> , 2017 , 69, 276-288	2.8	16
127	Understanding Chylomicron Retention Disease Through Sar1b Gtpase Gene Disruption: Insight From Cell Culture. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2017 , 37, 2243-2251	9.4	23
126	A polyphenol-rich cranberry extract reverses insulin resistance and hepatic steatosis independently of body weight loss. <i>Molecular Metabolism</i> , 2017 , 6, 1563-1573	8.8	89
125	Cardiometabolic risk factors and lactoferrin: polymorphisms and plasma levels in French-Canadian children. <i>Pediatric Research</i> , 2017 , 82, 741-748	3.2	7
124	Oxidative Stress as a Critical Factor in Nonalcoholic Fatty Liver Disease Pathogenesis. <i>Antioxidants and Redox Signaling</i> , 2017 , 26, 519-541	8.4	213
123	Cardiometabolic Risk Factors in Childhood, Adolescent and Young Adult Survivors of Acute Lymphoblastic Leukemia - A Petale Cohort. <i>Scientific Reports</i> , 2017 , 7, 17684	4.9	28
122	Apple peel polyphenols: a key player in the prevention and treatment of experimental inflammatory bowel disease. <i>Clinical Science</i> , 2016 , 130, 2217-2237	6.5	36
121	CFTR silencing in pancreatic β cells reveals a functional impact on glucose-stimulated insulin secretion and oxidative stress response. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2016 , 310, E200-12	6	33
120	Retinal lipid and glucose metabolism dictates angiogenesis through the lipid sensor Ffar1. <i>Nature Medicine</i> , 2016 , 22, 439-45	50.5	127
119	Triggering Akkermansia with dietary polyphenols: A new weapon to combat the metabolic syndrome?. <i>Gut Microbes</i> , 2016 , 7, 146-53	8.8	76
118	Gene expression profiling in necrotizing enterocolitis reveals pathways common to those reported in Crohn's disease. <i>BMC Medical Genomics</i> , 2016 , 9, 6	3.7	22
117	Plasma Lactoferrin Levels Positively Correlate with Insulin Resistance despite an Inverse Association with Total Adiposity in Lean and Severely Obese Patients. <i>PLoS ONE</i> , 2016 , 11, e0166138	3.7	13
116	Congenital Disorders of Lipid Transport 2016 , 437-444		
115	Targeted CFTR gene disruption with zinc-finger nucleases in human intestinal epithelial cells induces oxidative stress and inflammation. <i>International Journal of Biochemistry and Cell Biology</i> , 2016 , 74, 84-94	5.6	13
114	Adiposity in Children and CVD Risk: ApoB48 Has a Stronger Association With Central Fat Than Classic Lipid Markers. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016 , 101, 2915-22	5.6	9
113	Prevention of oxidative stress, inflammation and mitochondrial dysfunction in the intestine by different cranberry phenolic fractions. <i>Clinical Science</i> , 2015 , 128, 197-212	6.5	73
112	Insights from human congenital disorders of intestinal lipid metabolism. <i>Journal of Lipid Research</i> , 2015 , 56, 945-62	6.3	35
111	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. <i>PharmaNutrition</i> , 2015 , 3, 89-100	2.9	24

110	Histone deacetylase inhibition impairs normal intestinal cell proliferation and promotes specific gene expression. <i>Journal of Cellular Biochemistry</i> , 2015 , 116, 2695-708	4.7	12
109	Gut Microbiota Dysbiosis in Obesity-Linked Metabolic Diseases and Prebiotic Potential of Polyphenol-Rich Extracts. <i>Current Obesity Reports</i> , 2015 , 4, 389-400	8.4	105
108	A polyphenol-rich cranberry extract protects from diet-induced obesity, insulin resistance and intestinal inflammation in association with increased Akkermansia spp. population in the gut microbiota of mice. <i>Gut</i> , 2015 , 64, 872-83	19.2	695
107	Altered intestinal functions and increased local inflammation in insulin-resistant obese subjects: a gene-expression profile analysis. <i>BMC Gastroenterology</i> , 2015 , 15, 119	3	22
106	New Insights In Intestinal Sar1B GTPase Regulation and Role in Cholesterol Homeostasis. <i>Journal of Cellular Biochemistry</i> , 2015 , 116, 2270-82	4.7	11
105	Probiotics as Complementary Treatment for Metabolic Disorders. <i>Diabetes and Metabolism Journal</i> , 2015 , 39, 291-303	5	83
104	Hepatocyte nuclear factor 4 alpha polymorphisms and the metabolic syndrome in French-Canadian youth. <i>PLoS ONE</i> , 2015 , 10, e0117238	3.7	16
103	Acetylcarnitine potentiates the anticarcinogenic effects of butyrate on SW480 colon cancer cells. <i>International Journal of Oncology</i> , 2015 , 47, 755-63	4.4	7
102	Cystic fibrosis-related oxidative stress and intestinal lipid disorders. <i>Antioxidants and Redox Signaling</i> , 2015 , 22, 614-31	8.4	19
101	Pediatric Non-Alcoholic Fatty Liver Disease. <i>Journal of Medical Biochemistry</i> , 2015 , 34, 3-12	1.9	1
100	Perinatal Oxidative Stress May Affect Fetal Ghrelin Levels in Humans. <i>Scientific Reports</i> , 2015 , 5, 17881	4.9	10
99	AMPK in the small intestine in normal and pathophysiological conditions. <i>Endocrinology</i> , 2014 , 155, 873-888	4.8	35
98	Sar1b transgenic male mice are more susceptible to high-fat diet-induced obesity, insulin insensitivity and intestinal chylomicron overproduction. <i>Journal of Nutritional Biochemistry</i> , 2014 , 25, 540-8	6.3	17
97	Circulating levels of linoleic acid and HDL-cholesterol are major determinants of 4-hydroxynonenal protein adducts in patients with heart failure. <i>Redox Biology</i> , 2014 , 2, 148-55	11.3	20
96	Circulating docosahexaenoic acid levels are associated with fetal insulin sensitivity. <i>PLoS ONE</i> , 2014 , 9, e85054	3.7	36
95	Tissue distribution and regulation of the small Sar1b GTPase in mice. <i>Cellular Physiology and Biochemistry</i> , 2014 , 33, 1815-26	3.9	6
94	Intestinal lipid handling: evidence and implication of insulin signaling abnormalities in human obese subjects. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2014 , 34, 644-53	9.4	55
93	Deleterious effects of indomethacin in the mid-gestation human intestine. <i>Genomics</i> , 2013 , 101, 171-7	4.3	13

92	Hypertriglyceridemia is associated with insulin levels in adult cystic fibrosis patients. <i>Journal of Cystic Fibrosis</i> , 2013 , 12, 271-6	4.1	22
91	PCSK9 plays a significant role in cholesterol homeostasis and lipid transport in intestinal epithelial cells. <i>Atherosclerosis</i> , 2013 , 227, 297-306	3.1	100
90	An atherogenic diet decreases liver FXR gene expression and causes severe hepatic steatosis and hepatic cholesterol accumulation: effect of endurance training. <i>European Journal of Nutrition</i> , 2013 , 52, 1523-32	5.2	26
89	Role of the apical and basolateral domains of the enterocyte in the regulation of cholesterol transport by a high glucose concentration. <i>Biochemistry and Cell Biology</i> , 2013 , 91, 476-86	3.6	14
88	Association between the PTPN2 gene and Crohn's disease: dissection of potential causal variants. <i>Inflammatory Bowel Diseases</i> , 2013 , 19, 1149-55	4.5	12
87	Iron-ascorbate-mediated lipid peroxidation causes epigenetic changes in the antioxidant defense in intestinal epithelial cells: impact on inflammation. <i>PLoS ONE</i> , 2013 , 8, e63456	3.7	27
86	Apple peel polyphenols and their beneficial actions on oxidative stress and inflammation. <i>PLoS ONE</i> , 2013 , 8, e53725	3.7	87
85	Antioxidative properties of paraoxonase 2 in intestinal epithelial cells. <i>American Journal of Physiology - Renal Physiology</i> , 2012 , 303, G623-34	5.1	23
84	Modulatory role of PYY in transport and metabolism of cholesterol in intestinal epithelial cells. <i>PLoS ONE</i> , 2012 , 7, e40992	3.7	17
83	Anti-inflammatory effects of epidermal growth factor on the immature human intestine. <i>Physiological Genomics</i> , 2012 , 44, 268-80	3.6	11
82	Regulation of leptin receptor expression in human polarized Caco-2/15 cells. <i>Endocrine, Metabolic and Immune Disorders - Drug Targets</i> , 2012 , 12, 57-70	2.2	8
81	The three-gene paraoxonase family: physiologic roles, actions and regulation. <i>Atherosclerosis</i> , 2011 , 214, 20-36	3.1	196
80	A severe form of abetalipoproteinemia caused by new splicing mutations of microsomal triglyceride transfer protein (MTTP). <i>Human Mutation</i> , 2011 , 32, 751-9	4.7	23
79	Nutrition-related derangements and managements in patients with cystic fibrosis: robust challenges for preventing the development of co-morbidities. <i>Clinical Biochemistry</i> , 2011 , 44, 489-490	3.5	2
78	Expression of Sar1b enhances chylomicron assembly and key components of the coat protein complex II system driving vesicle budding. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2011 , 31, 2692-9	9.4	32
77	Gene-expression profile analysis in the mid-gestation human intestine discloses greater functional immaturity of the colon as compared with the ileum. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2011 , 52, 670-8	2.8	9
76	Oxidative stress and mitochondrial functions in the intestinal Caco-2/15 cell line. <i>PLoS ONE</i> , 2010 , 5, e11817	3.7	32
75	Oxysterols in biological systems: the gastrointestinal tract, liver, vascular wall and central nervous system. <i>Free Radical Research</i> , 2010 , 44, 47-73	4	33

74	Modification in oxidative stress, inflammation, and lipoprotein assembly in response to hepatocyte nuclear factor 4alpha knockdown in intestinal epithelial cells. <i>Journal of Biological Chemistry</i> , 2010 , 285, 40448-60	5.4	41
73	Intestinal and hepatic cholesterol carriers in diabetic Psammomys obesus. <i>Endocrinology</i> , 2010 , 151, 958-78	4.8	21
72	Guidelines for the diagnosis and management of chylomicron retention disease based on a review of the literature and the experience of two centers. <i>Orphanet Journal of Rare Diseases</i> , 2010 , 5, 24	4.2	100
71	CFTR depletion results in changes in fatty acid composition and promotes lipogenesis in intestinal Caco 2/15 cells. <i>PLoS ONE</i> , 2010 , 5, e10446	3.7	29
70	Plasma PCSK9 is associated with age, sex, and multiple metabolic markers in a population-based sample of children and adolescents. <i>Clinical Chemistry</i> , 2009 , 55, 1637-45	5.5	167
69	CFTR knockdown stimulates lipid synthesis and transport in intestinal Caco-2/15 cells. <i>American Journal of Physiology - Renal Physiology</i> , 2009 , 297, G1239-49	5.1	25
68	Regulation of the proprotein convertase subtilisin/kexin type 9 in intestinal epithelial cells. <i>American Journal of Physiology - Renal Physiology</i> , 2009 , 296, G805-15	5.1	22
67	Increased hepatic lipogenesis in insulin resistance and Type 2 diabetes is associated with AMPK signalling pathway up-regulation in Psammomys obesus. <i>Bioscience Reports</i> , 2009 , 29, 283-92	4.1	33
66	Localization, function and regulation of the two intestinal fatty acid-binding protein types. <i>Histochemistry and Cell Biology</i> , 2009 , 132, 351-67	2.4	54
65	Comparative expression analysis reveals differences in the regulation of intestinal paraoxonase family members. <i>International Journal of Biochemistry and Cell Biology</i> , 2009 , 41, 1628-37	5.6	30
64	Chylomicron retention disease: a long term study of two cohorts. <i>Molecular Genetics and Metabolism</i> , 2009 , 97, 136-42	3.7	37
63	Association between insulin, leptin, adiponectin and blood pressure in youth. <i>Journal of Hypertension</i> , 2009 , 27, 1025-32	1.9	20
62	Omega-3 fatty acid treatment of children with attention-deficit hyperactivity disorder: A randomized, double-blind, placebo-controlled study. <i>Paediatrics and Child Health</i> , 2009 , 14, 89-98	0.7	58
61	Syndr�me m�tabolique : que peut la nutrition contre les organes �buseurs et complices? <i>Bulletin De L'Academie Nationale De Medecine</i> , 2009 , 193, 1271-1279	0.1	
60	Cystic fibrosis-related diabetes: from CFTR dysfunction to oxidative stress. <i>Clinical Biochemist Reviews</i> , 2009 , 30, 153-77	7.3	35
59	Functional development of human fetal gastrointestinal tract. <i>Methods in Molecular Biology</i> , 2009 , 550, 205-24	1.4	14
58	Oxidative stress and cystic fibrosis-related diabetes: a pilot study in children. <i>Journal of Cystic Fibrosis</i> , 2008 , 7, 373-84	4.1	28
57	Lipid profile, fatty acid composition and pro- and anti-oxidant status in pediatric patients with attention-deficit/hyperactivity disorder. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2008 , 79, 47-53	2.8	69

56	Anderson or chylomicron retention disease: molecular impact of five mutations in the SAR1B gene on the structure and the functionality of Sar1b protein. <i>Molecular Genetics and Metabolism</i> , 2008 , 93, 74-84	3.7	67
55	Prevalence of cardiometabolic risk factors by weight status in a population-based sample of Quebec children and adolescents. <i>Canadian Journal of Cardiology</i> , 2008 , 24, 575-83	3.8	65
54	Low vitamin D status in a representative sample of youth from Québec, Canada. <i>Clinical Chemistry</i> , 2008 , 54, 1283-9	5.5	52
53	Intestinal fatty acid binding protein regulates mitochondrion beta-oxidation and cholesterol uptake. <i>Journal of Lipid Research</i> , 2008 , 49, 961-72	6.3	44
52	Biological role, protein expression, subcellular localization, and oxidative stress response of paraoxonase 2 in the intestine of humans and rats. <i>American Journal of Physiology - Renal Physiology</i> , 2007 , 293, G1252-61	5.1	52
51	Effect of retinoic acid on cell proliferation and differentiation as well as on lipid synthesis, lipoprotein secretion, and apolipoprotein biogenesis. <i>American Journal of Physiology - Renal Physiology</i> , 2007 , 293, G1178-89	5.1	39
50	Intestinal cholesterol transport proteins: an update and beyond. <i>Current Opinion in Lipidology</i> , 2007 , 18, 310-8	4.4	94
49	Abnormal hepatobiliary and circulating lipid metabolism in the Long-Evans Cinnamon rat model of Wilson's disease. <i>Life Sciences</i> , 2007 , 80, 1472-83	6.8	30
48	Intestinal paraoxonase regulation and its status in Crohn's disease. <i>FASEB Journal</i> , 2007 , 21, A1321	0.9	
47	Lipid abnormalities in young patients with attention-deficit/hyperactivity disorder. <i>FASEB Journal</i> , 2007 , 21, A455	0.9	
46	Gene expression profiles of normal proliferating and differentiating human intestinal epithelial cells: a comparison with the Caco-2 cell model. <i>Journal of Cellular Biochemistry</i> , 2006 , 99, 1175-86	4.7	58
45	Localization and role of NPC1L1 in cholesterol absorption in human intestine. <i>Journal of Lipid Research</i> , 2006 , 47, 2112-20	6.3	129
44	Abnormal intracellular lipid processing contributes to fat malabsorption in cystic fibrosis patients. <i>American Journal of Physiology - Renal Physiology</i> , 2006 , 290, G609-15	5.1	21
43	Intestinal-fatty acid binding protein and lipid transport in human intestinal epithelial cells. <i>Biochemical and Biophysical Research Communications</i> , 2006 , 339, 248-54	3.4	19
42	Intestinal fatty acid binding protein and microsomal triglyceride transfer protein polymorphisms in French-Canadian youth. <i>Journal of Lipid Research</i> , 2005 , 46, 320-7	6.3	23
41	Distribution of LDL particle size in a population-based sample of children and adolescents and relationship with other cardiovascular risk factors. <i>Clinical Chemistry</i> , 2005 , 51, 1192-200	5.5	33
40	Ontogeny, immunolocalisation, distribution and function of SR-BI in the human intestine. <i>Journal of Cell Science</i> , 2004 , 117, 327-37	5.3	44
39	Genetic diversity patterns in the SR-BI/II locus can be explained by a recent selective sweep. <i>Molecular Biology and Evolution</i> , 2004 , 21, 760-9	8.3	13

38	Impact of in vivo glycation of LDL on platelet aggregation and monocyte chemotaxis in diabetic psammomys obesus. <i>Lipids</i> , 2004 , 39, 81-5	1.6	24
37	Identification of microsomal triglyceride transfer protein in intestinal brush-border membrane. <i>Experimental Cell Research</i> , 2004 , 300, 11-22	4.2	16
36	Cellular aspects of intestinal lipoprotein assembly in Psammomys obesus: a model of insulin resistance and type 2 diabetes. <i>Diabetes</i> , 2003 , 52, 2539-45	0.9	64
35	Inflammatory reaction without endogenous antioxidant response in Caco-2 cells exposed to iron/ascorbate-mediated lipid peroxidation. <i>American Journal of Physiology - Renal Physiology</i> , 2003 , 285, G898-906	5.1	41
34	Membrane peroxidation by lipopolysaccharide and iron-ascorbate adversely affects Caco-2 cell function: beneficial role of butyric acid. <i>American Journal of Clinical Nutrition</i> , 2003 , 77, 744-50	7	36
33	Combined effects of EFA deficiency and tumor necrosis factor-alpha on circulating lipoproteins in rats. <i>Lipids</i> , 2003 , 38, 595-602	1.6	3
32	Mutations in a Sar1 GTPase of COPII vesicles are associated with lipid absorption disorders. <i>Nature Genetics</i> , 2003 , 34, 29-31	36.3	304
31	The antioxidant BHT normalizes some oxidative effects of iron + ascorbate on lipid metabolism in Caco-2 cells. <i>Journal of Nutrition</i> , 2002 , 132, 1289-92	4.1	23
30	Localization of microsomal triglyceride transfer protein in the Golgi: possible role in the assembly of chylomicrons. <i>Journal of Biological Chemistry</i> , 2002 , 277, 16470-7	5.4	61
29	Modulation of lipid synthesis, apolipoprotein biogenesis, and lipoprotein assembly by butyrate. <i>American Journal of Physiology - Renal Physiology</i> , 2002 , 283, G340-6	5.1	74
28	Development of noninvasive and quantitative methodologies for the assessment of chronic ulcers and scars in humans. <i>Wound Repair and Regeneration</i> , 2001 , 9, 123-32	3.6	55
27	Modulation of intestinal and liver fatty acid-binding proteins in Caco-2 cells by lipids, hormones and cytokines. <i>Journal of Cellular Biochemistry</i> , 2001 , 81, 613-20	4.7	32
26	The polymorphism at codon 54 of the FABP2 gene increases fat absorption in human intestinal explants. <i>Journal of Biological Chemistry</i> , 2001 , 276, 39679-84	5.4	90
25	Altered lipid profile, lipoprotein composition, and oxidant and antioxidant status in pediatric Crohn disease. <i>American Journal of Clinical Nutrition</i> , 2000 , 71, 807-15	7	116
24	Developmental aspects of lipid and lipoprotein synthesis and secretion in human gut. <i>Microscopy Research and Technique</i> , 2000 , 49, 363-73	2.8	23
23	Use of immunoelectron microscopy and intestinal models to explore the elaboration of apolipoproteins required for intraenterocyte lipid transport. <i>Microscopy Research and Technique</i> , 2000 , 49, 374-82	2.8	9
22	Human crypt intestinal epithelial cells are capable of lipid production, apolipoprotein synthesis, and lipoprotein assembly. <i>Journal of Lipid Research</i> , 2000 , 41, 12-22	6.3	29
21	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). <i>Cell Death and Differentiation</i> , 1999 , 6, 729-35	12.7	99

20	Dietary iron overload and induced lipid peroxidation are associated with impaired plasma lipid transport and hepatic sterol metabolism in rats. <i>Hepatology</i> , 1999 , 29, 1809-17	11.2	57
19	Modulation of apo A-IV transcript levels and synthesis by n-3, n-6, and n-9 fatty acids in CACO-2 cells. <i>Journal of Cellular Biochemistry</i> , 1999 , 75, 73-81	4.7	12
18	Amplifications of DNA primase 1 (PRIM1) in human osteosarcoma. <i>Genes Chromosomes and Cancer</i> , 1999 , 26, 62-9	5	36
17	Caco-2 cells and human fetal colon: a comparative analysis of their lipid transport. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 1999 , 1439, 353-62	5	15
16	The effects of cholesterol uptake from high-density lipoprotein subfractions on biliary sterol secretion in rats with essential fatty-acid deficiency. <i>Hepatology</i> , 1998 , 27, 779-86	11.2	11
15	Apolipoproteins in human fetal colon: Immunolocalization, biogenesis, and hormonal regulation. <i>Journal of Cellular Biochemistry</i> , 1998 , 70, 354-365	4.7	20
14	Uptake and metabolism of structured triglyceride by Caco-2 cells: reversal of essential fatty acid deficiency. <i>American Journal of Physiology - Renal Physiology</i> , 1998 , 275, G652-9	5.1	12
13	Identification of two novel LDL receptor gene defects in French-Canadian pediatric population: mutational analysis and biochemical studies. <i>Human Mutation</i> , 1997 , 9, 555-62	4.7	15
12	Insulin modulation of newly synthesized apolipoproteins B-100 and B-48 in human fetal intestine: gene expression and mRNA editing are not involved. <i>FEBS Letters</i> , 1996 , 393, 253-8	3.8	54
11	Caco-2 cells as a model for intestinal lipoprotein synthesis and secretion. <i>FASEB Journal</i> , 1995 , 9, 626-35	0.9	171
10	Lipoprotein abnormalities in two children with minimal biliary excretion. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 1995 , 20, 432-9	2.8	8
9	The 1991 Borden Award Lecture. Selected aspects of intraluminal and intracellular phases of intestinal fat absorption. <i>Canadian Journal of Physiology and Pharmacology</i> , 1992 , 70, 413-9	2.4	30
8	Lipid abnormalities in pancreatic tissue of streptozotocin-induced diabetic rats. <i>Lipids</i> , 1988 , 23, 771-8	1.6	11
7	Digestive and absorptive phase anomalies associated with the exocrine pancreatic insufficiency of cystic fibrosis. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 1988 , 7 Suppl 1, S1-7	2.8	21
6	Steatorrhea and disorders of chylomicron synthesis and secretion. <i>Pediatric Clinics of North America</i> , 1988 , 35, 53-67	3.6	11
5	Absence of intestinal synthesis of apolipoprotein B-48 in two cases of abetalipoproteinemia. <i>Gastroenterology</i> , 1987 , 93, 1119-26	13.3	31
4	Malabsorption, hypocholesterolemia, and fat-filled enterocytes with increased intestinal apoprotein B. Chylomicron retention disease. <i>Gastroenterology</i> , 1987 , 92, 390-9	13.3	116
3	Plasma and lipoprotein fatty acid composition in glycogen storage disease type I. <i>Lipids</i> , 1987 , 22, 381-5	1.6	18

2 Gastric lipase in the newborn rat. *Pediatric Research*, **1982**, 16, 69-74

3.2 18

1 Photooxidation of Parenteral Multivitamins Induces Hepatic Steatosis in a Neonatal Guinea Pig Model of Intravenous Nutrition

3