

Edgard Delvin

List of Publications by Year in descending order

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Version: 2024-02-01

67
papers

2,697
citations

126858

33
h-index

182361

51
g-index

69
all docs

69
docs citations

69
times ranked

4008
citing authors

#	ARTICLE	IF	CITATIONS
1	Oxidative Stress as a Critical Factor in Nonalcoholic Fatty Liver Disease Pathogenesis. Antioxidants and Redox Signaling, 2017, 26, 519-541.	2.5	302
2	Localization and role of NPC1L1 in cholesterol absorption in human intestine. Journal of Lipid Research, 2006, 47, 2112-2120.	2.0	141
3	Intestinal cholesterol transport proteins: an update and beyond. Current Opinion in Lipidology, 2007, 18, 310-318.	1.2	114
4	An Inherited Disorder of Isoleucine Catabolism Causing Accumulation of Î±-Methylacetoacetate and Î±-Methyl-Î²-hydroxybutyrate, and Intermittent Metabolic Acidosis. Pediatric Research, 1973, 7, 149-160.	1.1	110
5	Apple Peel Polyphenols and Their Beneficial Actions on Oxidative Stress and Inflammation. PLoS ONE, 2013, 8, e53725.	1.1	97
6	CLSI-based transference of the CALIPER database of pediatric reference intervals from Abbott to Beckman, Ortho, Roche and Siemens Clinical Chemistry Assays: Direct validation using reference samples from the CALIPER cohort. Clinical Biochemistry, 2013, 46, 1197-1219.	0.8	90
7	Prevention of oxidative stress, inflammation and mitochondrial dysfunction in the intestine by different cranberry phenolic fractions. Clinical Science, 2015, 128, 197-212.	1.8	89
8	Modulation of lipid synthesis, apolipoprotein biogenesis, and lipoprotein assembly by butyrate. American Journal of Physiology - Renal Physiology, 2002, 283, G340-G346.	1.6	82
9	Cellular Aspects of Intestinal Lipoprotein Assembly in Psammomys Obesus: A Model of Insulin Resistance and Type 2 Diabetes. Diabetes, 2003, 52, 2539-2545.	0.3	73
10	Insight into Polyphenol and Gut Microbiota Crosstalk: Are Their Metabolites the Key to Understand Protective Effects against Metabolic Disorders?. Antioxidants, 2020, 9, 982.	2.2	71
11	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.	1.6	64
12	Modulation of intestinal cholesterol absorption by high glucose levels: impact on cholesterol transporters, regulatory enzymes, and transcription factors. American Journal of Physiology - Renal Physiology, 2008, 295, G873-G885.	1.6	64
13	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.	1.3	60
14	ADOLESCENT CYSTINOSIS: COMPARISONS WITH INFANTILE AND ADULT FORMS. Pediatrics, 1971, 47, 979-988.	1.0	60
15	Apple peel polyphenols reduce mitochondrial dysfunction in mice with DSS-induced ulcerative colitis. Journal of Nutritional Biochemistry, 2018, 57, 56-66.	1.9	57
16	Ontogeny, immunolocalisation, distribution and function of SR-BI in the human intestine. Journal of Cell Science, 2004, 117, 327-337.	1.2	51
17	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.	1.8	51
18	Lipid and lipoprotein abnormalities in acute lymphoblastic leukemia survivors. Journal of Lipid Research, 2017, 58, 982-993.	2.0	49

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19	Prevalence of Malnutrition in Pediatric Hospitals in Developed and In-Transition Countries: The Impact of Hospital Practices. <i>Nutrients</i> , 2019, 11, 236.	1.7	49
20	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-G906.	1.6	48
21	Role of vitamin D in acquired immune and autoimmune diseases. <i>Critical Reviews in Clinical Laboratory Sciences</i> , 2014, 51, 232-247.	2.7	48
22	Apple peel polyphenols: a key player in the prevention and treatment of experimental inflammatory bowel disease. <i>Clinical Science</i> , 2016, 130, 2217-2237.	1.8	48
23	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, 2692-2699.	1.1	45
24	Overproduction of intestinal lipoprotein containing apolipoprotein B-48 in <i>Psammomys obesus</i> : impact of dietary n-3 fatty acids. <i>Diabetologia</i> , 2006, 49, 1937-1945.	2.9	44
25	Measurement of circulating 25-hydroxyvitamin D: A historical review. <i>Practical Laboratory Medicine</i> , 2015, 2, 1-14.	0.6	44
26	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-G1189.	1.6	43
27	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, 744-750.	2.2	41
28	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, 613-620.	1.2	40
29	Efficacy of Polyphenols in the Management of Dyslipidemia: A Focus on Clinical Studies. <i>Nutrients</i> , 2021, 13, 672.	1.7	40
30	Circulating Docosahexaenoic Acid Levels Are Associated with Fetal Insulin Sensitivity. <i>PLoS ONE</i> , 2014, 9, e85054.	1.1	38
31	Understanding Chylomicron Retention Disease Through Sar1b Gtpase Gene Disruption. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2017, 37, 2243-2251.	1.1	36
32	Comparative expression analysis reveals differences in the regulation of intestinal paraoxonase family members. <i>International Journal of Biochemistry and Cell Biology</i> , 2009, 41, 1628-1637.	1.2	35
33	Oxidative Stress and Mitochondrial Functions in the Intestinal Caco-2/15 Cell Line. <i>PLoS ONE</i> , 2010, 5, e11817.	1.1	35
34	Antioxidative properties of paraoxonase 2 in intestinal epithelial cells. <i>American Journal of Physiology - Renal Physiology</i> , 2012, 303, G623-G634.	1.6	33
35	The Epigenetic Machinery in Vascular Dysfunction and Hypertension. <i>Current Hypertension Reports</i> , 2017, 19, 52.	1.5	32
36	Usefulness of the American Academy of Pediatrics Recommendations for Identifying Youths With Hypercholesterolemia. <i>Pediatrics</i> , 2004, 113, 1723-1727.	1.0	30

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37	Cow's Milk Allergy and Bone Mineral Density in Prepubertal Children. <i>Pediatrics</i> , 2016, 137, .	1.0	30
38	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.	1.9	30
39	The Antioxidant BHT Normalizes Some Oxidative Effects of Iron + Ascorbate on Lipid Metabolism in Caco-2 Cells. <i>Journal of Nutrition</i> , 2002, 132, 1289-1292.	1.3	28
40	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.	2.0	24
41	Modulatory Role of PYY in Transport and Metabolism of Cholesterol in Intestinal Epithelial Cells. <i>PLoS ONE</i> , 2012, 7, e40992.	1.1	21
42	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, 353-362.	1.2	20
43	Maternal Smoking and Metabolic Health Biomarkers in Newborns. <i>PLoS ONE</i> , 2015, 10, e0143660.	1.1	18
44	Vitamin D nutritional status and bone turnover markers in childhood acute lymphoblastic leukemia survivors: A PETALE study. <i>Clinical Nutrition</i> , 2019, 38, 912-919.	2.3	17
45	Pediatric Obesity and Cardiometabolic Disorders: Risk Factors and Biomarkers. <i>Electronic Journal of the International Federation of Clinical Chemistry and Laboratory Medicine</i> , 2017, 28, 6-24.	0.7	17
46	Plotting Transcutaneous Bilirubin Measurements on Specific Transcutaneous Nomogram Results in Better Prediction of Significant Hyperbilirubinemia in Healthy Term and Near-Term Newborns: A Pilot Study. <i>Neonatology</i> , 2014, 105, 306-311.	0.9	15
47	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.	1.6	15
48	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, 1175.	1.7	13
49	Glycomacropeptide: A Bioactive Milk Derivative to Alleviate Metabolic Syndrome Outcomes. <i>Antioxidants and Redox Signaling</i> , 2021, 34, 201-222.	2.5	13
50	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, 779-786.	3.6	12
51	Data in support for the measurement of serum 25-hydroxyvitamin D (25OHD) by tandem mass spectrometry. <i>Data in Brief</i> , 2016, 8, 925-929.	0.5	8
52	Are universal upper reference limits for alanine aminotransferase (ALT) appropriate for assessing pediatric liver injury?. <i>Clinical Biochemistry</i> , 2018, 53, 55-57.	0.8	8
53	Glycomacropeptide for Management of Insulin Resistance and Liver Metabolic Perturbations. <i>Biomedicines</i> , 2021, 9, 1140.	1.4	7
54	Assessing vitamin D nutritional status: Is capillary blood adequate?. <i>Clinica Chimica Acta</i> , 2016, 457, 59-62.	0.5	6

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55	Intestinal Dysbiosis and Development of Cardiometabolic Disorders in Childhood Cancer Survivors: A Critical Review. <i>Antioxidants and Redox Signaling</i> , 2021, 34, 223-251.	2.5	6
56	Bone Turnover Markers in Children: From Laboratory Challenges to Clinical Interpretation. <i>Calcified Tissue International</i> , 2023, 112, 218-232.	1.5	6
57	Predicting serum vitamin D concentrations based on self-reported lifestyle factors and personal attributes. <i>British Journal of Nutrition</i> , 2018, 120, 803-812.	1.2	5
58	Data for the measurement of serum vitamin D metabolites in childhood acute lymphoblastic leukemia survivors. <i>Data in Brief</i> , 2018, 18, 1427-1432.	0.5	5
59	Characterization of bioactive cranberry fractions by mass spectrometry. <i>Canadian Journal of Chemistry</i> , 2020, 98, 589-596.	0.6	4
60	Pediatric Non-Alcoholic Fatty Liver Disease/Oboljenje Ne-Alkoholne Masne Jetre U Pedijatriji. <i>Journal of Medical Biochemistry</i> , 2014, 34, 3-12.	0.7	3
61	Diurnal rhythm in clinical chemistry: An underrated source of variation. <i>Critical Reviews in Clinical Laboratory Sciences</i> , 2018, 55, 516-534.	2.7	3
62	Micro-RNA: A Future Approach to Personalized Diagnosis of Bone Diseases. <i>Calcified Tissue International</i> , 2023, 112, 271-287.	1.5	3
63	Undernutrition in childhood: Clinically based assessment tools and biological markers: Where are we and where should we go?. <i>Clinical Nutrition ESPEN</i> , 2019, 33, 1-4.	0.5	2
64	Is there a relationship between vitamin D nutritional status and metabolic syndrome in childhood acute lymphoblastic leukemia survivors? A PETALE study. <i>Clinical Nutrition ESPEN</i> , 2019, 31, 28-32.	0.5	1
65	Paraoxonase 2 sequence variation (c.311 C>G) is associated with a modest decrease in circulating LDL size in children and adolescents. <i>Clinical Chemistry and Laboratory Medicine</i> , 2014, 52, e261-3.	1.4	0
66	Laboratory Medicine: Advances and challenges. <i>Clinical Biochemistry</i> , 2017, 50, 251-252.	0.8	0
67	Vitamins: functions and assessment of status through laboratory testing. , 2020, , 825-849.		0