

Angela M Devlin

List of Publications by Year in descending order

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98
papers

4,288
citations

212478

28
h-index

124990

64
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100
all docs

100
docs citations

100
times ranked

6790
citing authors

#	ARTICLE	IF	CITATIONS
1	The FTO rs9939609 Variant Is Associated with Cardiometabolic Disease Risk and Dietary Energy Intakes in Children with Mental Health Disorders. <i>Current Developments in Nutrition</i> , 2022, 6, nzac014.	0.1	1
2	Greater Arterial Stiffness in Children with or without Second-generation Antipsychotic Treatment for Mental Health Disorders: Rigidité Artérielle Plus Importante Chez Les Enfants Avec ou Sans Traitement Par Antipsychotiques de la Deuxième Génération Pour des Troubles de Santé Mentale. <i>Canadian Journal of Psychiatry</i> , 2021, 66, 667-676.	0.9	2
3	Treatment-related weight gain and metabolic complications in children with mental health disorders: potential role for lifestyle interventions. <i>Applied Physiology, Nutrition and Metabolism</i> , 2021, 46, 193-204.	0.9	5
4	Dietary Riboflavin Intake and Riboflavin Status in Young Adult Women Living in Metro Vancouver, Canada. <i>Current Developments in Nutrition</i> , 2021, 5, nza021.	0.1	4
5	Detectable Unmetabolized Folic Acid and Elevated Folate Concentrations in Folic Acid-Supplemented Canadian Children With Sickle Cell Disease. <i>Frontiers in Nutrition</i> , 2021, 8, 642306.	1.6	8
6	Daily Oral Supplementation with 60 mg of Elemental Iron for 12 Weeks Alters Blood Mitochondrial DNA Content, but Not Leukocyte Telomere Length in Cambodian Women. <i>Nutrients</i> , 2021, 13, 1877.	1.7	2
7	Sex-specific effects of neonatal oral sucrose treatment on growth and liver choline and glucocorticoid metabolism in adulthood. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2021, 321, R802-R811.	0.9	2
8	Ambulatory blood pressure and carotid intima media thickness in children with type 1 diabetes. <i>Pediatric Diabetes</i> , 2020, 21, 358-365.	1.2	13
9	Biomarkers of Docosahexaenoic Acid but Not Arachidonic Acid Reflect Dietary Intakes in Toddlers at Ages 1 and 2 Years Who Are Not Meeting Dietary Recommendations. <i>Journal of Nutrition</i> , 2020, 150, 518-525.	1.3	2
10	Exercise during pregnancy mitigates the adverse effects of maternal obesity on adult male offspring vascular function and alters one-carbon metabolism. <i>Physiological Reports</i> , 2020, 8, e14582.	0.7	8
11	Assessing the Effectiveness of Targeted Social Media and Printed Posters as Tools to Recruit Pregnant Women to a Nutrition Trial in Vancouver, Canada. <i>Current Developments in Nutrition</i> , 2020, 4, nzaa056_012.	0.1	0
12	Folic acid supplementation in children with sickle cell disease: study protocol for a double-blind randomized cross-over trial. <i>Trials</i> , 2020, 21, 593.	0.7	3
13	Sheila M. Innis, PhD, RD (1953–2016): A Pioneer and Innovator Influencing the Maternal and Infant Nutrition Field. <i>Journal of Nutrition</i> , 2020, 150, 1673-1675.	1.3	0
14	Is natural (6S)-5-methyltetrahydrofolic acid as effective as synthetic folic acid in increasing serum and red blood cell folate concentrations during pregnancy? A proof-of-concept pilot study. <i>Trials</i> , 2020, 21, 380.	0.7	13
15	Suboptimal Biochemical Riboflavin Status Is Associated with Lower Hemoglobin and Higher Rates of Anemia in a Sample of Canadian and Malaysian Women of Reproductive Age. <i>Journal of Nutrition</i> , 2019, 149, 1952-1959.	1.3	19
16	Impact of Prenatal Selective Serotonin Reuptake Inhibitor Antidepressant Exposure and Maternal Mood on Physical Activity, Dietary Intake, and Markers of Adiposity at Age 6 Years. <i>Journal of Developmental and Behavioral Pediatrics</i> , 2019, 40, 266-274.	0.6	1
17	290-LB: Repeated Neonatal Oral Sucrose Treatment Affects Growth and Insulin-Like Growth Factor-1 in Mice. <i>Diabetes</i> , 2019, 68, 290-LB.	0.3	0
18	459-P: Risk for Type 2 Diabetes and Cardiovascular Health in Children Treated with Second-Generation Antipsychotics. <i>Diabetes</i> , 2019, 68, .	0.3	0

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19	1395-P: Maternal Exercise during Pregnancy Affects Offspring Adiposity through One Carbon Metabolism Cycle. <i>Diabetes</i> , 2019, 68, .	0.3	0
20	70-LB: Fat Mass and Obesity-Associated rs9939609 Gene Variant Is Related to Fasting Glucose in Children with Mental Health Conditions. <i>Diabetes</i> , 2019, 68, 70-LB.	0.3	0
21	Diet and cardiometabolic side effects in children treated with second-generation antipsychotics. <i>Clinical Nutrition ESPEN</i> , 2018, 23, 205-211.	0.5	14
22	Risperidone But Not Quetiapine Treatment Is Associated With Increased Appetite But Not Satiety Hormones in Children During An Oral Glucose Tolerance Test. <i>Journal of Clinical Psychopharmacology</i> , 2018, 38, 622-626.	0.7	2
23	CHIPS-Child: Testing the developmental programming hypothesis in the offspring of the CHIPS trial. <i>Pregnancy Hypertension</i> , 2018, 14, 15-22.	0.6	4
24	Abnormal Ambulatory Blood Pressure and Adiposity Predict Carotid Intima Media Thickness in Children with Type 1 Diabetes. <i>Atherosclerosis Supplements</i> , 2018, 32, 22.	1.2	0
25	l-5-Methyltetrahydrofolate Supplementation Increases Blood Folate Concentrations to a Greater Extent than Folic Acid Supplementation in Malaysian Women. <i>Journal of Nutrition</i> , 2018, 148, 885-890.	1.3	13
26	Maternal folic acid supplementation with vitamin B ₁₂ deficiency during pregnancy and lactation affects the metabolic health of adult female offspring but is dependent on offspring diet. <i>FASEB Journal</i> , 2018, 32, 5039-5050.	0.2	29
27	Children's stress regulation mediates the association between prenatal maternal mood and child executive functions for boys, but not girls. <i>Development and Psychopathology</i> , 2018, 30, 953-969.	1.4	21
28	Comparison of a New Multiplex Immunoassay for Measurement of Ferritin, Soluble Transferrin Receptor, Retinol-Binding Protein, C-Reactive Protein and α -1-Acid-glycoprotein Concentrations against a Widely-Used s-ELISA Method. <i>Diagnostics</i> , 2018, 8, 13.	1.3	6
29	Plasma Betaine Is Positively Associated with Developmental Outcomes in Healthy Toddlers at Age 2 Years Who Are Not Meeting the Recommended Adequate Intake for Dietary Choline. <i>Journal of Nutrition</i> , 2018, 148, 1309-1314.	1.3	11
30	The Val66Met brain-derived neurotrophic factor gene variant interacts with early pain exposure to predict cortisol dysregulation in 7-year-old children born very preterm: Implications for cognition. <i>Neuroscience</i> , 2017, 342, 188-199.	1.1	39
31	The effect of oral iron with or without multiple micronutrients on hemoglobin concentration and hemoglobin response among nonpregnant Cambodian women of reproductive age: a 2 x 2 factorial, double-blind, randomized controlled supplementation trial. <i>American Journal of Clinical Nutrition</i> , 2017, 106, 233-244.	2.2	19
32	Serum Soluble Transferrin Receptor Concentrations Are Elevated in Congolese Children with Glucose-6-Phosphate Dehydrogenase Variants, but Not Sickle Cell Variants or α -Thalassemia. <i>Journal of Nutrition</i> , 2017, 147, jn252635.	1.3	8
33	Developmental Outcomes at 24 Months of Age in Toddlers Supplemented with Arachidonic Acid and Docosahexaenoic Acid: Results of a Double Blind Randomized, Controlled Trial. <i>Nutrients</i> , 2017, 9, 975.	1.7	19
34	Folic Acid Supplementation of Female Mice, with or without Vitamin B-12, before and during Pregnancy and Lactation Programs Adiposity and Vascular Health in Adult Male Offspring. <i>Journal of Nutrition</i> , 2016, 146, 688-696.	1.3	20
35	Prevalence and Predictors of Low Vitamin B6 Status in Healthy Young Adult Women in Metro Vancouver. <i>Nutrients</i> , 2016, 8, 538.	1.7	23
36	Sculpting infant soothability: the role of prenatal SSRI antidepressant exposure and neonatal <i>SLC6A4</i> methylation status. <i>Developmental Psychobiology</i> , 2016, 58, 745-758.	0.9	16

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37	Prenatal alcohol exposure alters methyl metabolism and programs serotonin transporter and glucocorticoid receptor expression in brain. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2015, 309, R613-R622.	0.9	35
38	Obesity and Arterial Stiffness in Children. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2015, 35, 1038-1044.	1.1	123
39	High prevalence of suboptimal vitamin B ₁₂ status in young adult women of South Asian and European ethnicity. <i>Applied Physiology, Nutrition and Metabolism</i> , 2015, 40, 1279-1286.	0.9	18
40	Genetic Hemoglobin Disorders Rather Than Iron Deficiency Are a Major Predictor of Hemoglobin Concentration in Women of Reproductive Age in Rural Prey Veng, Cambodia. <i>Journal of Nutrition</i> , 2015, 145, 134-142.	1.3	60
41	Interaction between the Val158Met catechol-O-methyltransferase gene variant and second-generation antipsychotic treatment on blood pressure in children. <i>Pharmacogenomics Journal</i> , 2015, 15, 95-100.	0.9	7
42	Metabolic side effects and pharmacogenetics of second-generation antipsychotics in children. <i>Pharmacogenomics</i> , 2015, 16, 981-996.	0.6	15
43	Maternal Folic Acid/Vitamin B12 Imbalance Programs Hepatic Gene Expression in Female Offspring. <i>FASEB Journal</i> , 2015, 29, 919.13.	0.2	0
44	Dysfunctional Cardiac Fatty Acid Metabolism in Cystathionine β -Synthase +/– Mice with Obesity. <i>FASEB Journal</i> , 2015, 29, 919.18.	0.2	0
45	Abstract 689: Cystathionine-Beta-Synthase Deficiency Induces Cardiac Hypertrophy and Contributes to Diminished Fatty Acid Oxidation in Mice with Diet-Induced Obesity. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2015, 35, .	1.1	0
46	Neonatal pain and COMT Val158Met genotype in relation to serotonin transporter (SLC6A4) promoter methylation in very preterm children at school age. <i>Frontiers in Behavioral Neuroscience</i> , 2014, 8, 409.	1.0	68
47	Childhood Obesity, Arterial Stiffness, and Prevalence and Treatment of Hypertension. <i>Current Treatment Options in Cardiovascular Medicine</i> , 2014, 16, 339.	0.4	12
48	Methyl nutrients, DNA methylation, and cardiovascular disease. <i>Molecular Nutrition and Food Research</i> , 2014, 58, 172-182.	1.5	89
49	Quetiapine Treatment in Youth Is Associated With Decreased Insulin Secretion. <i>Journal of Clinical Psychopharmacology</i> , 2014, 34, 359-364.	0.7	18
50	Chronic intermittent hypoxia causes endothelial dysfunction in a mouse model of diet-induced obesity. <i>Sleep Medicine</i> , 2014, 15, 596-602.	0.8	49
51	Initial Screening of Children Treated with Second-Generation Antipsychotics Points to an Association between Physical Activity and Insulin Resistance. <i>Pediatric Exercise Science</i> , 2014, 26, 455-462.	0.5	6
52	Antidepressant use during pregnancy and serotonin transporter genotype (SLC6A4) Affect newborn serum reelin levels. <i>Developmental Psychobiology</i> , 2013, 55, 518-529.	0.9	33
53	Adiposity and the relationship between vitamin D and blood pressure. <i>Metabolism: Clinical and Experimental</i> , 2013, 62, 1795-1802.	1.5	11
54	Childhood Obesity and Cardiovascular Dysfunction. <i>Journal of the American College of Cardiology</i> , 2013, 62, 1309-1319.	1.2	357

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55	Total and high molecular weight adiponectin and ethnic-specific differences in adiposity and insulin resistance: a cross-sectional study. <i>Cardiovascular Diabetology</i> , 2013, 12, 170.	2.7	35
56	Left ventricular mechanics and arterial-ventricular coupling following high-intensity interval exercise. <i>Journal of Applied Physiology</i> , 2013, 115, 1705-1713.	1.2	33
57	Dysfunctional Cardiac Lipid Metabolism in Cystathionine-Beta-Synthase Deficient Mice With Diet-Induced Weight Gain. <i>Canadian Journal of Cardiology</i> , 2013, 29, S172.	0.8	1
58	Programming of Adiposity by Gestational Exposure to Folic Acid and Vitamin B12 Imbalance. <i>Canadian Journal of Diabetes</i> , 2013, 37, S289.	0.4	0
59	Short-term exercise worsens cardiac oxidative stress and fibrosis in 8-month-old <i>db/db</i> mice by depleting cardiac glutathione. <i>Free Radical Research</i> , 2013, 47, 44-54.	1.5	14
60	Visceral Adiposity and The Relationship Between Vitamin D and Adiponectin. <i>Canadian Journal of Diabetes</i> , 2013, 37, S258.	0.4	0
61	The Fat Mass and Obesity Associated (FTO) rs9939609 Variant and Cardiometabolic Side-effects in Children Treated With Second-Generation Antipsychotics. <i>Canadian Journal of Diabetes</i> , 2013, 37, S240.	0.4	0
62	Dysfunctional Cardiac Lipid Metabolism in Cystathionine-Beta-Synthase Deficient Mice with Obesity-related Cardiac Lipotoxicity. <i>Canadian Journal of Diabetes</i> , 2013, 37, S227.	0.4	0
63	Programming of Glucose Homeostasis by Developmental Exposure to Folic Acid and Vitamin B12 Imbalance in Female Mice. <i>Canadian Journal of Diabetes</i> , 2013, 37, S70.	0.4	0
64	Tissue-specific relationship of S-adenosylhomocysteine with allele-specific H19/Igf2 methylation and imprinting in mice with hyperhomocysteinemia. <i>Epigenetics</i> , 2013, 8, 44-53.	1.3	13
65	Short Term Exercise Induces PGC-1 α , Ameliorates Inflammation and Increases Mitochondrial Membrane Proteins but Fails to Increase Respiratory Enzymes in Aging Diabetic Hearts. <i>PLoS ONE</i> , 2013, 8, e70248.	1.1	41
66	COMT rs4680 variant and cardiometabolic side-effects in children treated with second-generation antipsychotics. <i>FASEB Journal</i> , 2013, 27, .	0.2	0
67	Frequency and determinants of marginal vitamin B12 deficiency in childbearing-aged women of South Asian and European descent in Metro Vancouver. <i>FASEB Journal</i> , 2013, 27, 246.6.	0.2	0
68	Epigenetic regulation of glucocorticoid receptor expression in aorta from mice with hyperhomocysteinemia. <i>Epigenetics</i> , 2012, 7, 514-521.	1.3	9
69	Cardiometabolic risk and the MTHFR C677T variant in children treated with second-generation antipsychotics. <i>Translational Psychiatry</i> , 2012, 2, e71-e71.	2.4	28
70	Ethnic-Specific Differences in Vitamin D Status Is Associated with Adiposity. <i>PLoS ONE</i> , 2012, 7, e43159.	1.1	50
71	Associations of the <i>FTO</i> rs9939609 variant with discrete body fat depots and dietary intake in a multi-ethnic cohort. <i>Genetical Research</i> , 2011, 93, 419-426.	0.3	17
72	Altered Glutathione Homeostasis in Heart Augments Cardiac Lipotoxicity Associated with Diet-induced Obesity in Mice. <i>Journal of Biological Chemistry</i> , 2011, 286, 42483-42493.	1.6	32

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73	Homocysteine-lowering vitamins do not lower plasma <i>S</i> -adenosylhomocysteine in older people with elevated homocysteine concentrations. <i>British Journal of Nutrition</i> , 2010, 103, 1629-1634.	1.2	38
74	Prenatal Exposure to Maternal Depressed Mood and the MTHFR C677T Variant Affect SLC6A4 Methylation in Infants at Birth. <i>PLoS ONE</i> , 2010, 5, e12201.	1.1	264
75	Hepatic Acyl-Coenzyme A:Cholesterol Acyltransferase-2 Expression Is Decreased in Mice with Hyperhomocysteinemia. <i>Journal of Nutrition</i> , 2010, 140, 231-237.	1.3	11
76	Hepatic One Carbon Metabolism in Diet-Induced Obesity. <i>FASEB Journal</i> , 2010, 24, 228.3.	0.2	1
77	Mechanisms of altered fatty acid and phospholipid levels in hyperhomocysteinemia. <i>Clinical Lipidology</i> , 2009, 4, 159-166.	0.4	4
78	Prenatal exposure to maternal depression, neonatal methylation of human glucocorticoid receptor gene (NR3C1) and infant cortisol stress responses. <i>Epigenetics</i> , 2008, 3, 97-106.	1.3	1,254
79	Prenatal Exposure to Maternal Hyperhomocysteinemia and Allele-Specific Methylation and Expression of H19 / Igf2. <i>FASEB Journal</i> , 2008, 22, 689.10.	0.2	0
80	Hypermethylation of Fads2 and Altered Hepatic Fatty Acid and Phospholipid Metabolism in Mice with Hyperhomocysteinemia. <i>Journal of Biological Chemistry</i> , 2007, 282, 37082-37090.	1.6	70
81	Interactions among polymorphisms in folate-metabolizing genes and serum total homocysteine concentrations in a healthy elderly population. <i>American Journal of Clinical Nutrition</i> , 2006, 83, 708-713.	2.2	85
82	ApoA-I. <i>Circulation Research</i> , 2006, 98, 431-433.	2.0	27
83	Changes in Liver Fads2 expression and Phospholipid Fatty Acids in Mice with Hyperhomocysteinemia. <i>FASEB Journal</i> , 2006, 20, .	0.2	0
84	Tissue-specific Changes in H19 Methylation and Expression in Mice with Hyperhomocysteinemia. <i>Journal of Biological Chemistry</i> , 2005, 280, 25506-25511.	1.6	84
85	Cerebral Vascular Dysfunction in Methionine Synthase-Deficient Mice. <i>Circulation</i> , 2005, 112, 737-744.	1.6	60
86	Glutamate carboxipeptidase II (GCPII) His475Tyr polymorphism and association studies. <i>American Journal of Medical Genetics Part A</i> , 2004, 130A, 329-330.	2.4	2
87	Effect of Mthfr genotype on diet-induced hyperhomocysteinemia and vascular function in mice. <i>Blood</i> , 2004, 103, 2624-2629.	0.6	100
88	Evaluation of genetic variants in the reduced folate carrier and in glutamate carboxypeptidase II for spina bifida risk. <i>Molecular Genetics and Metabolism</i> , 2003, 79, 197-200.	0.5	68
89	Folate deficiency disturbs hepatic methionine metabolism and promotes liver injury in the ethanol-fed micropig. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 10072-10077.	3.3	183
90	Metabolic Interactions of Alcohol and Folate. <i>Journal of Nutrition</i> , 2002, 132, 2367S-2372S.	1.3	258

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91	Folate deficiency, methionine metabolism, and alcoholic liver disease. <i>Alcohol</i> , 2002, 27, 169-172.	0.8	61
92	Interactions of ethanol and folate deficiency in development of alcoholic liver disease in the micropig. <i>Transactions of the American Clinical and Climatological Association</i> , 2002, 113, 151-62; discussion 162-3.	0.9	5
93	Reduced Folate Carrier: Tissue Distribution and Effects of Chronic Ethanol Intake in the Micropig. <i>Alcoholism: Clinical and Experimental Research</i> , 2001, 25, 415-420.	1.4	46
94	Glutamate carboxypeptidase II: a polymorphism associated with lower levels of serum folate and hyperhomocysteinemia. <i>Human Molecular Genetics</i> , 2000, 9, 2837-2844.	1.4	147
95	Dietary phospholipid alters biliary lipid composition in formula-fed piglets. <i>Lipids</i> , 1999, 34, 1313-1318.	0.7	4
96	Early diet influences hepatic hydroxymethyl glutaryl coenzyme A reductase and β -hydroxylase mRNA but not low-density lipoprotein receptor mRNA during development. <i>Metabolism: Clinical and Experimental</i> , 1998, 47, 20-26.	1.5	12
97	Early Diet Influences Hepatic Lipogenesis. , 1998, , .		0
98	Effect of medium-chain triglycerides on calbindin-D9k expression in the intestine. <i>Lipids</i> , 1996, 31, 547-549.	0.7	3