David Wl

List of Publications by Year in Descending Order

88 papers	3,111 citations	32 h-index	54 g-index
91 ext. papers	3,696 ext. citations	4.8 avg, IF	5.22 L-index

#	Paper	IF	Citations
88	Short communication: Tissue distribution of major cannabinoids following intraperitoneal injection in male rats.. *PLoS ONE*, **2022**, 17, e0262633	3.7	2
87	Non-Nutritive Sweetener Intake Is Low in Preschool-Aged Children in the Guelph Family Health Pilot Study. *Nutrients*, **2022**, 14, 2091	6.7	0
86	Associations between Family-Based Stress and Dietary Inflammatory Potential among Families with Preschool-Aged Children. *Nutrients*, **2021**, 13,	6.7	3
85	Knowledge and Perceptions of Carbohydrates among Nutrition-Major and Nutrition-Elective Undergraduate Students in Canada. *Journal of the American College of Nutrition*, **2021**, 40, 164-171	3.5	0
84	Parenting under pressure: stress is associated with mothers and fathers media parenting practices in Canada. *Journal of Children and Media*, **2021**, 15, 233-248	1.9	2
83	Impact of feeding n-3 fatty acids to layer breeders and their offspring on concentration of antibody titres against infectious bronchitis, and Newcastle diseases and plasma fatty acids in the offspring. *British Poultry Science*, **2021**, 62, 270-277	1.9	2
82	Single nucleotide polymorphisms in sweet, fat, umami, salt, bitter and sour taste receptor genes are associated with gustatory function and taste preferences in young adults. *Nutrition Research*, **2021**, 85, 40-46	4	7
81	Soy Consumption, but Not Dairy Consumption, Is Inversely Associated with Fatty Acid Desaturase Activity in Young Adults. *Nutrients*, **2021**, 13,	6.7	1
80	A Comparison of Key Essential Nutrients in Commercial Plant-Based Pet Foods Sold in Canada to American and European Canine and Feline Dietary Recommendations. *Animals*, **2021**, 11,	3.1	3
79	Fish oil supplementation increases expression of mammary tumor apoptosis mediators and reduces inflammation in an obesity-associated HER-2 breast cancer model. *Journal of Nutritional Biochemistry*, **2021**, 95, 108763	6.3	3
78	Transitioning a home-based, motivational interviewing intervention among families to remote delivery during the COVID-19 pandemic: Key lessons learned. *Patient Education and Counseling*, **2021**, 104, 2286-2291	3.1	0
77	Olive oil-based lipid emulsion is noninferior to soybean oil-based lipid emulsion in the acute care setting: A double-blind randomized controlled trial. *Nutrition*, **2021**, 89, 111283	4.8	0
76	Development of Fatty Acid Reference Ranges and Relationship with Lipid Biomarkers in Middle-Aged Healthy Singaporean Men and Women. *Nutrients*, **2021**, 13,	6.7	1
75	Parent Stress as a Consideration in Childhood Obesity Prevention: Results from the Guelph Family Health Study, a Pilot Randomized Controlled Trial. *Nutrients*, **2020**, 12,	6.7	3
74	Stress is Associated with Adiposity in Parents of Young Children. *Obesity*, **2020**, 28, 655-659	8	6
73	The Impact of COVID-19 on Health Behavior, Stress, Financial and Food Security among Middle to High Income Canadian Families with Young Children. *Nutrients*, **2020**, 12,	6.7	170
72	Her-2 Breast Cancer Outcomes Are Mitigated by Consuming n-3 Polyunsaturated, Saturated, and Monounsaturated Fatty Acids Compared to n-6 Polyunsaturated Fatty Acids. *Nutrients*, **2020**, 12,	6.7	2

71	Cancer-related gene expression is associated with disease severity and modifiable lifestyle factors in non-alcoholic fatty liver disease. *Nutrition*, **2019**, 62, 100-107	4.8	15
70	Relationships between Atherosclerosis and Plasma Antioxidant Micronutrients or Red Blood Cell Polyunsaturated Fatty Acids in People Living with HIV. *Nutrients*, **2019**, 11,	6.7	2
69	Lifelong n-3 Polyunsaturated Fatty Acid Exposure Modulates Size of Mammary Epithelial Cell Populations and Expression of Caveolae Resident Proteins in Fat-1 Mice. *Nutrients*, **2019**, 11,	6.7	1
68	The Association between Plasma Omega-6/Omega-3 Ratio and Anthropometric Traits Differs by Racial/Ethnic Groups and Genotypes in Healthy Young Adults. *Journal of Personalized Medicine*, **2019**, 9,	3.6	3
67	Dietary EPA and DHA prevent changes in white adipose tissue omega-3 PUFA and oxylipin content associated with a Fads2 deficiency. *Journal of Nutritional Biochemistry*, **2019**, 63, 140-149	6.3	10
66	Marine fish oil is more potent than plant-based n-3 polyunsaturated fatty acids in the prevention of mammary tumors. *Journal of Nutritional Biochemistry*, **2018**, 55, 41-52	6.3	16
65	A review of the associations between single nucleotide polymorphisms in taste receptors, eating behaviors, and health. *Critical Reviews in Food Science and Nutrition*, **2018**, 58, 194-207	11.5	86
64	The Relationship between Single Nucleotide Polymorphisms in Taste Receptor Genes, Taste Function and Dietary Intake in Preschool-Aged Children and Adults in the Guelph Family Health Study. *Nutrients*, **2018**, 10,	6.7	27
63	Snacking Patterns of Preschool-Aged Children: Opportunity for Improvement. *Canadian Journal of Dietetic Practice and Research*, **2018**, 79, 2-6	1.3	5
62	Single Nucleotide Polymorphisms in Taste Receptor Genes Are Associated with Snacking Patterns of Preschool-Aged Children in the Guelph Family Health Study: A Pilot Study. *Nutrients*, **2018**, 10,	6.7	14
61	Guelph Family Health Study: pilot study of a home-based obesity prevention intervention. *Canadian Journal of Public Health*, **2018**, 109, 549-560	3.2	26
60	Differentiating the biological effects of linoleic acid from arachidonic acid in health and disease. *Prostaglandins Leukotrienes and Essential Fatty Acids*, **2018**, 135, 1-4	2.8	38
59	Effects of omega-3 polyunsaturated fatty acids and aspirin, alone and combined, on canine platelet function. *Journal of Small Animal Practice*, **2018**, 59, 272-280	1.6	2
58	Guelph Family Health Study's Home-Based Obesity Prevention Intervention Increases Fibre and Fruit Intake in Preschool-Aged Children. *Canadian Journal of Dietetic Practice and Research*, **2018**, 79, 86-90	1.3	6
57	Mothers' and fathers' media parenting practices associated with young children's screen-time: a cross-sectional study. *BMC Obesity*, **2018**, 5, 37	3.6	29
56	Oxidative stress predicts depressive symptom changes with omega-3 fatty acid treatment in coronary artery disease patients. *Brain, Behavior, and Immunity*, **2017**, 60, 136-141	16.6	20
55	Plasma phospholipids and fatty acid composition differ between liver biopsy-proven nonalcoholic fatty liver disease and healthy subjects. *Nutrition and Diabetes*, **2016**, 6, e220	4.7	41
54	Omega-3 Fatty Acids, Depressive Symptoms, and Cognitive Performance in Patients With Coronary Artery Disease: Analyses From a Randomized, Double-Blind, Placebo-Controlled Trial. *Journal of Clinical Psychopharmacology*, **2016**, 36, 436-44	1.7	24

53	Omega-3/omega-6 fatty acid ratios in different phospholipid classes and depressive symptoms in coronary artery disease patients. *Brain, Behavior, and Immunity*, **2016**, 53, 54-58	16.6	5
52	The delta 6 desaturase knock out mouse reveals that immunomodulatory effects of essential n-6 and n-3 polyunsaturated fatty acids are both independent of and dependent upon conversion. *Journal of Nutritional Biochemistry*, **2016**, 32, 29-38	6.3	24
51	Fish-oil-derived n-3 polyunsaturated fatty acids reduce NLRP3 inflammasome activity and obesity-related inflammatory cross-talk between adipocytes and CD11b(+) macrophages. *Journal of Nutritional Biochemistry*, **2016**, 34, 61-72	6.3	35
50	Fish-oil-derived n-3 PUFAs reduce inflammatory and chemotactic adipokine-mediated cross-talk between co-cultured murine splenic CD8+ T cells and adipocytes. *Journal of Nutrition*, **2015**, 145, 829-38	4.1	28
49	n-3 Polyunsaturated fatty acids inhibit Fc ε receptor I-mediated mast cell activation. *Journal of Nutritional Biochemistry*, **2015**, 26, 1580-8	6.3	17
48	A review of the effect of omega-3 polyunsaturated fatty acids on blood triacylglycerol levels in normolipidemic and borderline hyperlipidemic individuals. *Lipids in Health and Disease*, **2015**, 14, 53	4.4	82
47	Comprehensive profiling of plasma fatty acid concentrations in young healthy Canadian adults. *PLoS ONE*, **2015**, 10, e0116195	3.7	155
46	Whole-food diet worsened cognitive dysfunction in an Alzheimer's disease mouse model. *Neurobiology of Aging*, **2015**, 36, 90-9	5.6	11
45	Altered hepatic gene expression in nonalcoholic fatty liver disease is associated with lower hepatic n-3 and n-6 polyunsaturated fatty acids. *Hepatology*, **2015**, 61, 1565-78	11.2	141
44	The role of n - 6 and n - 3 polyunsaturated fatty acids in the manifestation of the metabolic syndrome in cardiovascular disease and non-alcoholic fatty liver disease. *Food and Function*, **2014**, 5, 426-35	6.1	61
43	Student use and pedagogical impact of a mobile learning application. *Biochemistry and Molecular Biology Education*, **2014**, 42, 121-35	1.3	28
42	Plasma levels of 14:0, 16:0, 16:1n-7, and 20:3n-6 are positively associated, but 18:0 and 18:2n-6 are inversely associated with markers of inflammation in young healthy adults. *Lipids*, **2014**, 49, 255-63	1.6	46
41	Mammary tumour development is dose-dependently inhibited by n-3 polyunsaturated fatty acids in the MMTV-neu(ndl)-YD5 transgenic mouse model. *Lipids in Health and Disease*, **2014**, 13, 96	4.4	21
40	The iFat1 transgene permits conditional endogenous n-3 PUFA enrichment both in vitro and in vivo. *Transgenic Research*, **2014**, 23, 489-501	3.3	4
39	The role of n-3 polyunsaturated fatty acids in the prevention and treatment of breast cancer. *Nutrients*, **2014**, 6, 5184-223	6.7	116
38	n-3 polyunsaturated fatty acids and mechanisms to mitigate inflammatory paracrine signaling in obesity-associated breast cancer. *Nutrients*, **2014**, 6, 4760-93	6.7	29
37	High multivitamin intakes during pregnancy and postweaning obesogenic diets interact to affect the relationship between expression of PPAR genes and glucose regulation in the offspring. *Journal of Nutritional Biochemistry*, **2013**, 24, 877-81	6.3	8
36	Oils rich in α-linolenic acid independently protect against characteristics of fatty liver disease in the Δ6-desaturase null mouse. *Canadian Journal of Physiology and Pharmacology*, **2013**, 91, 469-79	2.4	28

35	Unesterified docosahexaenoic acid is protective in neuroinflammation. *Journal of Neurochemistry*, **2013**, 127, 378-93	6	117
34	Carcinogenesis alters fatty acid profile in breast tissue. *Molecular and Cellular Biochemistry*, **2013**, 374, 223-32	4.2	34
33	Mammary tumor development is directly inhibited by lifelong n-3 polyunsaturated fatty acids. *Journal of Nutritional Biochemistry*, **2013**, 24, 388-95	6.3	52
32	Investigating the role of polyunsaturated fatty acids in bone development using animal models. *Molecules*, **2013**, 18, 14203-27	4.8	36
31	Enzymatic activity and genetic variation in SCD1 modulate the relationship between fatty acids and inflammation. *Molecular Genetics and Metabolism*, **2012**, 105, 421-7	3.7	34
30	The anticancer effects of Vitamin D and omega-3 PUFAs in combination via cod-liver oil: one plus one may equal more than two. *Medical Hypotheses*, **2011**, 77, 326-32	3.8	22
29	Polymorphisms in FADS1 and FADS2 alter desaturase activity in young Caucasian and Asian adults. *Molecular Genetics and Metabolism*, **2011**, 103, 171-8	3.7	97
28	Differential mammary gland development in FVB and C57Bl/6 mice: implications for breast cancer research. *Nutrients*, **2011**, 3, 929-36	6.7	13
27	Alterations in circulating fatty acid composition in patients with systemic lupus erythematosus: a pilot study. *Journal of Parenteral and Enteral Nutrition*, **2011**, 35, 198-208	4.2	19
26	Cyclooxygenase-2 and n-6 PUFA are lower and DHA is higher in the cortex of fat-1 mice. *Neurochemistry International*, **2010**, 56, 585-9	4.4	21
25	Conjugated linoleic acid alters caveolae phospholipid fatty acid composition and decreases caveolin-1 expression in MCF-7 breast cancer cells. *Nutrition Research*, **2010**, 30, 179-85	4	15
24	The fat-1 mouse has brain docosahexaenoic acid levels achievable through fish oil feeding. *Neurochemical Research*, **2010**, 35, 811-9	4.6	33
23	Vertebrae of developing fat-1 mice have greater strength and lower n-6/n-3 fatty acid ratio. *Experimental Biology and Medicine*, **2009**, 234, 632-8	3.7	15
22	Hepatic fatty acid composition differs between chronic hepatitis C patients with and without steatosis. *Journal of Nutrition*, **2009**, 139, 691-5	4.1	18
21	Dose-dependent anticonvulsant effects of linoleic and alpha-linolenic polyunsaturated fatty acids on pentylenetetrazol induced seizures in rats. *Epilepsia*, **2009**, 50, 72-82	6.4	37
20	Femur EPA and DHA are correlated with femur biomechanical strength in young fat-1 mice. *Journal of Nutritional Biochemistry*, **2009**, 20, 453-61	6.3	30
19	Experimental models and mechanisms underlying the protective effects of n-3 polyunsaturated fatty acids in Alzheimer's disease. *Journal of Nutritional Biochemistry*, **2009**, 20, 1-10	6.3	82
18	High vitamin intake by Wistar rats during pregnancy alters tissue fatty acid concentration in the offspring fed an obesogenic diet. *Metabolism: Clinical and Experimental*, **2009**, 58, 722-30	12.7	11

17	Flaxseed combined with low-dose estrogen therapy preserves bone tissue in ovariectomized rats. *Menopause*, **2009**, 16, 545-54	2.5	35
16	Trans-fatty acids and cancer: a mini-review. *British Journal of Nutrition*, **2009**, 102, 1254-66	3.6	43
15	Seizure resistance in fat-1 transgenic mice endogenously synthesizing high levels of omega-3 polyunsaturated fatty acids. *Journal of Neurochemistry*, **2008**, 105, 380-8	6	33
14	Nutritional assessment and hepatic fatty acid composition in non-alcoholic fatty liver disease (NAFLD): a cross-sectional study. *Journal of Hepatology*, **2008**, 48, 300-7	13.4	169
13	The low density lipoprotein receptor is not necessary for maintaining mouse brain polyunsaturated fatty acid concentrations. *Journal of Lipid Research*, **2008**, 49, 147-52	6.3	71
12	Dietary ganglioside inhibits acute inflammatory signals in intestinal mucosa and blood induced by systemic inflammation of Escherichia coli lipopolysaccharide. *Shock*, **2007**, 28, 112-7	3.4	46
11	N-3 polyunsaturated fatty acids endogenously synthesized in fat-1 mice are enriched in the mammary gland. *Lipids*, **2006**, 41, 35-9	1.6	40
10	Fatty acids in blood and intestine following docosahexaenoic acid supplementation in adults with cystic fibrosis. *Journal of Cystic Fibrosis*, **2006**, 5, 77-84	4.1	28
9	Lack of benefit of linoleic and alpha-linolenic polyunsaturated fatty acids on seizure latency, duration, severity or incidence in rats. *Epilepsy Research*, **2006**, 71, 40-6	3	23
8	n-3 Polyunsaturated fatty acids throughout the cancer trajectory: influence on disease incidence, progression, response to therapy and cancer-associated cachexia. *Nutrition Research Reviews*, **2004**, 17, 177-92	7	49
7	n-3 PUFA alter caveolae lipid composition and resident protein localization in mouse colon. *FASEB Journal*, **2004**, 18, 1040-2	0.9	150
6	n-3 PUFA and membrane microdomains: a new frontier in bioactive lipid research. *Journal of Nutritional Biochemistry*, **2004**, 15, 700-6	6.3	156
5	Countercurrent approach to the enrichment of 9c,11t-and 10t,12c-18:2 isomers by urea complexation. *JAOCS, Journal of the American Oil Chemistsr Society*, **2002**, 79, 755-758	1.8	6
4	An assessment of c9,t11 linoleic acid intake in a small group of young Canadians. *Nutrition Research*, **2001**, 21, 955-960	4	23
3	Conjugated linoleic acid in canadian dairy and beef products. *Journal of Agricultural and Food Chemistry*, **1999**, 47, 1956-60	5.7	101
2	Preparation of conjugated linoleic acid from safflower oil. *JAOCS, Journal of the American Oil Chemistsr Society*, **1999**, 76, 729-730	1.8	42
1	Comparison of Different Signal Processing Methodologies and Their Impact on the Range of Acceleration Amplitudes Experienced by Preschool-Aged Children. *Measurement in Physical Education and Exercise Science*,1-14	1.9	