

David Wl

List of Publications by Citations

Source: <https://exaly.com/author-pdf/2952925/david-wl-publications-by-citations.pdf>

Version: 2024-04-29

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.

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	The Impact of COVID-19 on Health Behavior, Stress, Financial and Food Security among Middle to High Income Canadian Families with Young Children. <i>Nutrients</i> , 2020 , 12,	6.7	170
87	Nutritional assessment and hepatic fatty acid composition in non-alcoholic fatty liver disease (NAFLD): a cross-sectional study. <i>Journal of Hepatology</i> , 2008 , 48, 300-7	13.4	169
86	n-3 PUFA and membrane microdomains: a new frontier in bioactive lipid research. <i>Journal of Nutritional Biochemistry</i> , 2004 , 15, 700-6	6.3	156
85	Comprehensive profiling of plasma fatty acid concentrations in young healthy Canadian adults. <i>PLoS ONE</i> , 2015 , 10, e0116195	3.7	155
84	n-3 PUFA alter caveolae lipid composition and resident protein localization in mouse colon. <i>FASEB Journal</i> , 2004 , 18, 1040-2	0.9	150
83	Altered hepatic gene expression in nonalcoholic fatty liver disease is associated with lower hepatic n-3 and n-6 polyunsaturated fatty acids. <i>Hepatology</i> , 2015 , 61, 1565-78	11.2	141
82	Unesterified docosahexaenoic acid is protective in neuroinflammation. <i>Journal of Neurochemistry</i> , 2013 , 127, 378-93	6	117
81	The role of n-3 polyunsaturated fatty acids in the prevention and treatment of breast cancer. <i>Nutrients</i> , 2014 , 6, 5184-223	6.7	116
80	Conjugated linoleic acid in canadian dairy and beef products. <i>Journal of Agricultural and Food Chemistry</i> , 1999 , 47, 1956-60	5.7	101
79	Polymorphisms in FADS1 and FADS2 alter desaturase activity in young Caucasian and Asian adults. <i>Molecular Genetics and Metabolism</i> , 2011 , 103, 171-8	3.7	97
78	A review of the associations between single nucleotide polymorphisms in taste receptors, eating behaviors, and health. <i>Critical Reviews in Food Science and Nutrition</i> , 2018 , 58, 194-207	11.5	86
77	A review of the effect of omega-3 polyunsaturated fatty acids on blood triacylglycerol levels in normolipidemic and borderline hyperlipidemic individuals. <i>Lipids in Health and Disease</i> , 2015 , 14, 53	4.4	82
76	Experimental models and mechanisms underlying the protective effects of n-3 polyunsaturated fatty acids in Alzheimer's disease. <i>Journal of Nutritional Biochemistry</i> , 2009 , 20, 1-10	6.3	82
75	The low density lipoprotein receptor is not necessary for maintaining mouse brain polyunsaturated fatty acid concentrations. <i>Journal of Lipid Research</i> , 2008 , 49, 147-52	6.3	71
74	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. <i>Food and Function</i> , 2014 , 5, 426-35	6.1	61
73	Mammary tumor development is directly inhibited by lifelong n-3 polyunsaturated fatty acids. <i>Journal of Nutritional Biochemistry</i> , 2013 , 24, 388-95	6.3	52
72	n-3 Polyunsaturated fatty acids throughout the cancer trajectory: influence on disease incidence, progression, response to therapy and cancer-associated cachexia. <i>Nutrition Research Reviews</i> , 2004 , 17, 177-92	7	49

71	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. <i>Lipids</i> , 2014 , 49, 255-63	1.6	46
70	Dietary ganglioside inhibits acute inflammatory signals in intestinal mucosa and blood induced by systemic inflammation of Escherichia coli lipopolysaccharide. <i>Shock</i> , 2007 , 28, 112-7	3.4	46
69	Trans-fatty acids and cancer: a mini-review. <i>British Journal of Nutrition</i> , 2009 , 102, 1254-66	3.6	43
68	Preparation of conjugated linoleic acid from safflower oil. <i>JAOCs, Journal of the American Oil Chemists Society</i> , 1999 , 76, 729-730	1.8	42
67	Plasma phospholipids and fatty acid composition differ between liver biopsy-proven nonalcoholic fatty liver disease and healthy subjects. <i>Nutrition and Diabetes</i> , 2016 , 6, e220	4.7	41
66	N-3 polyunsaturated fatty acids endogenously synthesized in fat-1 mice are enriched in the mammary gland. <i>Lipids</i> , 2006 , 41, 35-9	1.6	40
65	Differentiating the biological effects of linoleic acid from arachidonic acid in health and disease. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2018 , 135, 1-4	2.8	38
64	Dose-dependent anticonvulsant effects of linoleic and alpha-linolenic polyunsaturated fatty acids on pentylene tetrazol induced seizures in rats. <i>Epilepsia</i> , 2009 , 50, 72-82	6.4	37
63	Investigating the role of polyunsaturated fatty acids in bone development using animal models. <i>Molecules</i> , 2013 , 18, 14203-27	4.8	36
62	Flaxseed combined with low-dose estrogen therapy preserves bone tissue in ovariectomized rats. <i>Menopause</i> , 2009 , 16, 545-54	2.5	35
61	Fish-oil-derived n-3 polyunsaturated fatty acids reduce NLRP3 inflammasome activity and obesity-related inflammatory cross-talk between adipocytes and CD11b(+) macrophages. <i>Journal of Nutritional Biochemistry</i> , 2016 , 34, 61-72	6.3	35
60	Carcinogenesis alters fatty acid profile in breast tissue. <i>Molecular and Cellular Biochemistry</i> , 2013 , 374, 223-32	4.2	34
59	Enzymatic activity and genetic variation in SCD1 modulate the relationship between fatty acids and inflammation. <i>Molecular Genetics and Metabolism</i> , 2012 , 105, 421-7	3.7	34
58	The fat-1 mouse has brain docosahexaenoic acid levels achievable through fish oil feeding. <i>Neurochemical Research</i> , 2010 , 35, 811-9	4.6	33
57	Seizure resistance in fat-1 transgenic mice endogenously synthesizing high levels of omega-3 polyunsaturated fatty acids. <i>Journal of Neurochemistry</i> , 2008 , 105, 380-8	6	33
56	Femur EPA and DHA are correlated with femur biomechanical strength in young fat-1 mice. <i>Journal of Nutritional Biochemistry</i> , 2009 , 20, 453-61	6.3	30
55	n-3 polyunsaturated fatty acids and mechanisms to mitigate inflammatory paracrine signaling in obesity-associated breast cancer. <i>Nutrients</i> , 2014 , 6, 4760-93	6.7	29
54	Mothers' and fathers' media parenting practices associated with young children's screen-time: a cross-sectional study. <i>BMC Obesity</i> , 2018 , 5, 37	3.6	29

53	Fish-oil-derived n-3 PUFAs reduce inflammatory and chemotactic adipokine-mediated cross-talk between co-cultured murine splenic CD8+ T cells and adipocytes. <i>Journal of Nutrition</i> , 2015 , 145, 829-38	4.1	28
52	Student use and pedagogical impact of a mobile learning application. <i>Biochemistry and Molecular Biology Education</i> , 2014 , 42, 121-35	1.3	28
51	Oils rich in linolenic acid independently protect against characteristics of fatty liver disease in the Δ -desaturase null mouse. <i>Canadian Journal of Physiology and Pharmacology</i> , 2013 , 91, 469-79	2.4	28
50	Fatty acids in blood and intestine following docosahexaenoic acid supplementation in adults with cystic fibrosis. <i>Journal of Cystic Fibrosis</i> , 2006 , 5, 77-84	4.1	28
49	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. <i>Nutrients</i> , 2018 , 10,	6.7	27
48	Guelph Family Health Study: pilot study of a home-based obesity prevention intervention. <i>Canadian Journal of Public Health</i> , 2018 , 109, 549-560	3.2	26
47	Omega-3 Fatty Acids, Depressive Symptoms, and Cognitive Performance in Patients With Coronary Artery Disease: Analyses From a Randomized, Double-Blind, Placebo-Controlled Trial. <i>Journal of Clinical Psychopharmacology</i> , 2016 , 36, 436-44	1.7	24
46	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. <i>Journal of Nutritional Biochemistry</i> , 2016 , 32, 29-38	6.3	24
45	Lack of benefit of linoleic and alpha-linolenic polyunsaturated fatty acids on seizure latency, duration, severity or incidence in rats. <i>Epilepsy Research</i> , 2006 , 71, 40-6	3	23
44	An assessment of c9,t11 linoleic acid intake in a small group of young Canadians. <i>Nutrition Research</i> , 2001 , 21, 955-960	4	23
43	The anticancer effects of Vitamin D and omega-3 PUFAs in combination via cod-liver oil: one plus one may equal more than two. <i>Medical Hypotheses</i> , 2011 , 77, 326-32	3.8	22
42	Mammary tumour development is dose-dependently inhibited by n-3 polyunsaturated fatty acids in the MMTV-neu(ndl)-YD5 transgenic mouse model. <i>Lipids in Health and Disease</i> , 2014 , 13, 96	4.4	21
41	Cyclooxygenase-2 and n-6 PUFA are lower and DHA is higher in the cortex of fat-1 mice. <i>Neurochemistry International</i> , 2010 , 56, 585-9	4.4	21
40	Oxidative stress predicts depressive symptom changes with omega-3 fatty acid treatment in coronary artery disease patients. <i>Brain, Behavior, and Immunity</i> , 2017 , 60, 136-141	16.6	20
39	Alterations in circulating fatty acid composition in patients with systemic lupus erythematosus: a pilot study. <i>Journal of Parenteral and Enteral Nutrition</i> , 2011 , 35, 198-208	4.2	19
38	Hepatic fatty acid composition differs between chronic hepatitis C patients with and without steatosis. <i>Journal of Nutrition</i> , 2009 , 139, 691-5	4.1	18
37	n-3 Polyunsaturated fatty acids inhibit Fc γ receptor I-mediated mast cell activation. <i>Journal of Nutritional Biochemistry</i> , 2015 , 26, 1580-8	6.3	17
36	Marine fish oil is more potent than plant-based n-3 polyunsaturated fatty acids in the prevention of mammary tumors. <i>Journal of Nutritional Biochemistry</i> , 2018 , 55, 41-52	6.3	16

35	Cancer-related gene expression is associated with disease severity and modifiable lifestyle factors in non-alcoholic fatty liver disease. <i>Nutrition</i> , 2019 , 62, 100-107	4.8	15
34	Conjugated linoleic acid alters caveolae phospholipid fatty acid composition and decreases caveolin-1 expression in MCF-7 breast cancer cells. <i>Nutrition Research</i> , 2010 , 30, 179-85	4	15
33	Vertebrae of developing fat-1 mice have greater strength and lower n-6/n-3 fatty acid ratio. <i>Experimental Biology and Medicine</i> , 2009 , 234, 632-8	3.7	15
32	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. <i>Nutrients</i> , 2018 , 10,	6.7	14
31	Differential mammary gland development in FVB and C57Bl/6 mice: implications for breast cancer research. <i>Nutrients</i> , 2011 , 3, 929-36	6.7	13
30	Whole-food diet worsened cognitive dysfunction in an Alzheimer's disease mouse model. <i>Neurobiology of Aging</i> , 2015 , 36, 90-9	5.6	11
29	High vitamin intake by Wistar rats during pregnancy alters tissue fatty acid concentration in the offspring fed an obesogenic diet. <i>Metabolism: Clinical and Experimental</i> , 2009 , 58, 722-30	12.7	11
28	Dietary EPA and DHA prevent changes in white adipose tissue omega-3 PUFA and oxylipin content associated with a Fads2 deficiency. <i>Journal of Nutritional Biochemistry</i> , 2019 , 63, 140-149	6.3	10
27	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. <i>Journal of Nutritional Biochemistry</i> , 2013 , 24, 877-81	6.3	8
26	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. <i>Nutrition Research</i> , 2021 , 85, 40-46	4	7
25	Stress is Associated with Adiposity in Parents of Young Children. <i>Obesity</i> , 2020 , 28, 655-659	8	6
24	Countercurrent approach to the enrichment of 11t- and 12c-18:2 isomers by urea complexation. <i>JAOCS, Journal of the American Oil Chemists Society</i> , 2002 , 79, 755-758	1.8	6
23	Guelph Family Health Study's Home-Based Obesity Prevention Intervention Increases Fibre and Fruit Intake in Preschool-Aged Children. <i>Canadian Journal of Dietetic Practice and Research</i> , 2018 , 79, 86-90	1.3	6
22	Omega-3/omega-6 fatty acid ratios in different phospholipid classes and depressive symptoms in coronary artery disease patients. <i>Brain, Behavior, and Immunity</i> , 2016 , 53, 54-58	16.6	5
21	Snacking Patterns of Preschool-Aged Children: Opportunity for Improvement. <i>Canadian Journal of Dietetic Practice and Research</i> , 2018 , 79, 2-6	1.3	5
20	The iFat1 transgene permits conditional endogenous n-3 PUFA enrichment both in vitro and in vivo. <i>Transgenic Research</i> , 2014 , 23, 489-501	3.3	4
19	Parent Stress as a Consideration in Childhood Obesity Prevention: Results from the Guelph Family Health Study, a Pilot Randomized Controlled Trial. <i>Nutrients</i> , 2020 , 12,	6.7	3
18	Associations between Family-Based Stress and Dietary Inflammatory Potential among Families with Preschool-Aged Children. <i>Nutrients</i> , 2021 , 13,	6.7	3

17	The Association between Plasma Omega-6/Omega-3 Ratio and Anthropometric Traits Differs by Racial/Ethnic Groups and Genotypes in Healthy Young Adults. <i>Journal of Personalized Medicine</i> , 2019 , 9,	3.6	3
16	A Comparison of Key Essential Nutrients in Commercial Plant-Based Pet Foods Sold in Canada to American and European Canine and Feline Dietary Recommendations. <i>Animals</i> , 2021 , 11,	3.1	3
15	Fish oil supplementation increases expression of mammary tumor apoptosis mediators and reduces inflammation in an obesity-associated HER-2 breast cancer model. <i>Journal of Nutritional Biochemistry</i> , 2021 , 95, 108763	6.3	3
14	Relationships between Atherosclerosis and Plasma Antioxidant Micronutrients or Red Blood Cell Polyunsaturated Fatty Acids in People Living with HIV. <i>Nutrients</i> , 2019 , 11,	6.7	2
13	Short communication: Tissue distribution of major cannabinoids following intraperitoneal injection in male rats.. <i>PLoS ONE</i> , 2022 , 17, e0262633	3.7	2
12	Her-2 Breast Cancer Outcomes Are Mitigated by Consuming n-3 Polyunsaturated, Saturated, and Monounsaturated Fatty Acids Compared to n-6 Polyunsaturated Fatty Acids. <i>Nutrients</i> , 2020 , 12,	6.7	2
11	Parenting under pressure: stress is associated with mothers' and fathers' media parenting practices in Canada. <i>Journal of Children and Media</i> , 2021 , 15, 233-248	1.9	2
10	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. <i>British Poultry Science</i> , 2021 , 62, 270-277	1.9	2
9	Effects of omega-3 polyunsaturated fatty acids and aspirin, alone and combined, on canine platelet function. <i>Journal of Small Animal Practice</i> , 2018 , 59, 272-280	1.6	2
8	Lifelong n-3 Polyunsaturated Fatty Acid Exposure Modulates Size of Mammary Epithelial Cell Populations and Expression of Caveolae Resident Proteins in Fat-1 Mice. <i>Nutrients</i> , 2019 , 11,	6.7	1
7	Soy Consumption, but Not Dairy Consumption, Is Inversely Associated with Fatty Acid Desaturase Activity in Young Adults. <i>Nutrients</i> , 2021 , 13,	6.7	1
6	Development of Fatty Acid Reference Ranges and Relationship with Lipid Biomarkers in Middle-Aged Healthy Singaporean Men and Women. <i>Nutrients</i> , 2021 , 13,	6.7	1
5	Knowledge and Perceptions of Carbohydrates among Nutrition-Major and Nutrition-Elective Undergraduate Students in Canada. <i>Journal of the American College of Nutrition</i> , 2021 , 40, 164-171	3.5	0
4	Transitioning a home-based, motivational interviewing intervention among families to remote delivery during the COVID-19 pandemic: Key lessons learned. <i>Patient Education and Counseling</i> , 2021 , 104, 2286-2291	3.1	0
3	Olive oil-based lipid emulsion is noninferior to soybean oil-based lipid emulsion in the acute care setting: A double-blind randomized controlled trial. <i>Nutrition</i> , 2021 , 89, 111283	4.8	0
2	Non-Nutritive Sweetener Intake Is Low in Preschool-Aged Children in the Guelph Family Health Pilot Study. <i>Nutrients</i> , 2022 , 14, 2091	6.7	0
1	Comparison of Different Signal Processing Methodologies and Their Impact on the Range of Acceleration Amplitudes Experienced by Preschool-Aged Children. <i>Measurement in Physical Education and Exercise Science</i> , 1-14	1.9	