

# Caroline E Childs

## List of Publications by Year in descending order

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Version: 2024-02-01

48  
papers

2,040  
citations

218381

26  
h-index

276539

41  
g-index

48  
all docs

48  
docs citations

48  
times ranked

3691  
citing authors

#	ARTICLE	IF	CITATIONS
1	Diet and Immune Function. <i>Nutrients</i> , 2019, 11, 1933.	1.7	286
2	Gender differences in the n-3 fatty acid content of tissues. <i>Proceedings of the Nutrition Society</i> , 2008, 67, 19-27.	0.4	193
3	Synbiotics Alter Fecal Microbiomes, But Not Liver Fat or Fibrosis, in a Randomized Trial of Patients With Nonalcoholic Fatty Liver Disease. <i>Gastroenterology</i> , 2020, 158, 1597-1610.e7.	0.6	123
4	Xylo-oligosaccharides alone or in synbiotic combination with <i>Bifidobacterium animalis</i> subsp. <i>lactis</i> induce bifidogenesis and modulate markers of immune function in healthy adults: a double-blind, placebo-controlled, randomised, factorial cross-over study. <i>British Journal of Nutrition</i> , 2014, 111, 1945-1956.	1.2	120
5	No Effect of Omega-3 Fatty Acid Supplementation on Cognition and Mood in Individuals with Cognitive Impairment and Probable Alzheimer's Disease: A Randomised Controlled Trial. <i>International Journal of Molecular Sciences</i> , 2015, 16, 24600-24613.	1.8	103
6	Omega-3 fatty acid supplementation influences the whole blood transcriptome in women with obesity, associated with pro-resolving lipid mediator production. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2016, 1861, 1746-1755.	1.2	76
7	Long-Chain Polyunsaturated Fatty Acids (LCPUFAs) and the Developing Immune System: A Narrative Review. <i>Nutrients</i> , 2021, 13, 247.	1.7	75
8	The impact of oligofructose on stimulation of gut hormones, appetite regulation and adiposity. <i>Obesity</i> , 2014, 22, 1430-1438.	1.5	73
9	Mechanisms involved in the cytotoxic and cytoprotective actions of saturated versus monounsaturated long-chain fatty acids in pancreatic $\beta$ -cells. <i>Journal of Endocrinology</i> , 2007, 194, 283-291.	1.2	69
10	ANRIL Promoter DNA Methylation: A Perinatal Marker for Later Adiposity. <i>EBioMedicine</i> , 2017, 19, 60-72.	2.7	65
11	Impairment of lysophospholipid metabolism in obesity: altered plasma profile and desensitization to the modulatory properties of n-3 polyunsaturated fatty acids in a randomized controlled trial. <i>American Journal of Clinical Nutrition</i> , 2016, 104, 266-279.	2.2	60
12	The Polyunsaturated Fatty Acid Composition of Hepatic and Plasma Lipids Differ by Both Sex and Dietary Fat Intake in Rats. <i>Journal of Nutrition</i> , 2010, 140, 245-250.	1.3	55
13	Nutritional Intervention Preconception and During Pregnancy to Maintain Healthy Glucose Metabolism and Offspring Health (NIPP): study protocol for a randomised controlled trial. <i>Trials</i> , 2017, 18, 131.	0.7	53
14	Modulation of vaccine response by concomitant probiotic administration. <i>British Journal of Clinical Pharmacology</i> , 2013, 75, 663-670.	1.1	51
15	Use of a common food frequency questionnaire (FFQ) to assess dietary patterns and their relation to allergy and asthma in Europe: pilot study of the GA2LEN FFQ. <i>European Journal of Clinical Nutrition</i> , 2011, 65, 750-756.	1.3	49
16	Changes in rat n-3 and n-6 fatty acid composition during pregnancy are associated with progesterone concentrations and hepatic FADS2 expression. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2012, 86, 141-147.	1.0	46
17	Consumption of <i>Bifidobacterium lactis</i> Bi-07 by healthy elderly adults enhances phagocytic activity of monocytes and granulocytes. <i>Journal of Nutritional Science</i> , 2013, 2, e44.	0.7	44
18	Omega-3 Polyunsaturated Fatty Acids and the Intestinal Epithelium—A Review. <i>Foods</i> , 2021, 10, 199.	1.9	43

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19	The Use of Gas Chromatography to Analyze Compositional Changes of Fatty Acids in Rat Liver Tissue during Pregnancy. <i>Journal of Visualized Experiments</i> , 2014, , .	0.2	41
20	Incorporation of cis-9,trans-11 conjugated linoleic acid and vaccenic acid (trans-11 18:1) into plasma and leucocyte lipids in healthy men consuming dairy products naturally enriched in these fatty acids. <i>British Journal of Nutrition</i> , 2005, 94, 237-243.	1.2	36
21	Increased dietary $\hat{\pm}$ -linolenic acid has sex-specific effects upon eicosapentaenoic acid status in humans: re-examination of data from a randomised, placebo-controlled, parallel study. <i>Nutrition Journal</i> , 2014, 13, 113.	1.5	33
22	Effect of a synbiotic on the response to seasonal influenza vaccination is strongly influenced by degree of immunosenescence. <i>Immunity and Ageing</i> , 2016, 13, 6.	1.8	33
23	Impact of ageing and a synbiotic on the immune response to seasonal influenza vaccination; a randomised controlled trial. <i>Clinical Nutrition</i> , 2018, 37, 443-451.	2.3	32
24	New perspectives on placental fatty acid transfer. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2018, 138, 24-29.	1.0	32
25	Age-Related Changes in the Natural Killer Cell Response to Seasonal Influenza Vaccination Are Not Influenced by a Synbiotic: a Randomised Controlled Trial. <i>Frontiers in Immunology</i> , 2018, 9, 591.	2.2	32
26	Lower omega-3 fatty acid intake and status are associated with poorer cognitive function in older age: A comparison of individuals with and without cognitive impairment and Alzheimer's disease. <i>Nutritional Neuroscience</i> , 2012, 15, 271-277.	1.5	31
27	Prebiotic effects of cocoa fibre on rats. <i>Journal of Functional Foods</i> , 2015, 19, 341-352.	1.6	29
28	Modification of subcutaneous white adipose tissue inflammation by omega-3 fatty acids is limited in human obesity-a double blind, randomised clinical trial. <i>EBioMedicine</i> , 2022, 77, 103909.	2.7	23
29	Effect of caloric restriction with or without n-3 polyunsaturated fatty acids on insulin sensitivity in obese subjects: A randomized placebo controlled trial. <i>BBA Clinical</i> , 2015, 4, 7-13.	4.1	20
30	Differential SLC6A4 methylation: a predictive epigenetic marker of adiposity from birth to adulthood. <i>International Journal of Obesity</i> , 2019, 43, 974-988.	1.6	19
31	Maternal diet during pregnancy has tissue-specific effects upon fetal fatty acid composition and alters fetal immune parameters. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2010, 83, 179-184.	1.0	17
32	Dysregulation of endocannabinoid concentrations in human subcutaneous adipose tissue in obesity and modulation by omega-3 polyunsaturated fatty acids. <i>Clinical Science</i> , 2021, 135, 185-200.	1.8	17
33	Microbiota-independent immunological effects of non-digestible oligosaccharides in the context of inflammatory bowel diseases. <i>Proceedings of the Nutrition Society</i> , 2020, 79, 468-478.	0.4	16
34	Sex hormones and $\hat{\pm}$ -3 fatty acid metabolism. <i>Proceedings of the Nutrition Society</i> , 2020, 79, 219-224.	0.4	13
35	Different dietary omega-3 sources during pregnancy and DHA in the developing rat brain. <i>Oleagineux Corps Gras Lipides</i> , 2011, 18, 259-262.	0.2	9
36	Potential Biomarkers, Risk Factors, and Their Associations with IgE-Mediated Food Allergy in Early Life: A Narrative Review. <i>Advances in Nutrition</i> , 2022, 13, 633-651.	2.9	8

#	ARTICLE	IF	CITATIONS
37	The Effect of Caloric Restriction with and without n-3 PUFA Supplementation on Bone Turnover Markers in Blood of Subjects with Abdominal Obesity: A Randomized Placebo-Controlled Trial. <i>Nutrients</i> , 2021, 13, 3096.	1.7	6
38	From the Mediterranean Diet to the Microbiome. <i>Journal of Nutrition</i> , 2018, 148, 819-820.	1.3	4
39	Optimising an intervention to support home-living older adults at risk of malnutrition: a qualitative study. <i>BMC Family Practice</i> , 2021, 22, 219.	2.9	2
40	Editorial: Sustained Effects of Early Nutrition on Immune Development and Microbiome-Immune Crosstalk. <i>Frontiers in Immunology</i> , 2020, 11, 1687.	2.2	1
41	Adipose tissue fatty acid and lipid mediator composition in obesity and response to chronic marine omega-3 fatty acid supplementation. <i>Proceedings of the Nutrition Society</i> , 2020, 79, .	0.4	1
42	Modifying the Gut Microbiome Through Diet: Effects on the Immune System of Elderly Subjects. , 2018, , 1-31.		1
43	Dietary Omega-3 Sources during Pregnancy and the Developing Brain. , 2014, , 287-302.		0
44	Omega-3 polyunsaturated fatty acids and the inflammatory state of the Caco-2 gut epithelium model. <i>Proceedings of the Nutrition Society</i> , 2020, 79, .	0.4	0
45	Adipose fatty acid composition and gene expression in obesity, and response to chronic marine omega-3 fatty acid supplementation.. <i>Proceedings of the Nutrition Society</i> , 2020, 79, .	0.4	0
46	Fatty Acids and the Immune System. , 2016, , 315-318.		0
47	Modifying the Gut Microbiome Through Diet: Effects on the Immune System of Elderly Subjects. , 2019, , 2575-2605.		0
48	Evaluation of Preconception Dietary Patterns in Women Enrolled in a Multisite Study. <i>Current Developments in Nutrition</i> , 2022, 6, nzac106.	0.1	0