

# Catherine J Field

## List of Publications by Year in descending order

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Version: 2024-02-01

278  
papers

14,749  
citations

19657

61  
h-index

25787

108  
g-index

282  
all docs

282  
docs citations

282  
times ranked

16956  
citing authors

#	ARTICLE	IF	CITATIONS
1	Gut microbiota of healthy Canadian infants: profiles by mode of delivery and infant diet at 4 months. Cmaj, 2013, 185, 385-394.	2.0	741
2	Randomized Controlled Trial of Exercise Training in Postmenopausal Breast Cancer Survivors: Cardiopulmonary and Quality of Life Outcomes. Journal of Clinical Oncology, 2003, 21, 1660-1668.	1.6	656
3	Impact of maternal intrapartum antibiotics, method of birth and breastfeeding on gut microbiota during the first year of life: a prospective cohort study. BJOG: an International Journal of Obstetrics and Gynaecology, 2016, 123, 983-993.	2.3	453
4	The Immunological Components of Human Milk and Their Effect on Immune Development in Infants ., Journal of Nutrition, 2005, 135, 1-4.	2.9	427
5	Composition and Variation of the Human Milk Microbiota Are Influenced by Maternal and Early-Life Factors. Cell Host and Microbe, 2019, 25, 324-335.e4.	11.0	343
6	Infant gut microbiota and food sensitization: associations in the first year of life. Clinical and Experimental Allergy, 2015, 45, 632-643.	2.9	333
7	Dietary fat: exogenous determination of membrane structure and cell function. FASEB Journal, 1991, 5, 2761-2769.	0.5	250
8	(n-3) PUFA Alter Raft Lipid Composition and Decrease Epidermal Growth Factor Receptor Levels in Lipid Rafts of Human Breast Cancer Cells1,2. Journal of Nutrition, 2007, 137, 548-553.	2.9	243
9	Roles of Birth Mode and Infant Gut Microbiota in Intergenerational Transmission of Overweight and Obesity From Mother to Offspring. JAMA Pediatrics, 2018, 172, 368.	6.2	235
10	Nutrients and their role in host resistance to infection. Journal of Leukocyte Biology, 2002, 71, 16-32.	3.3	235
11	Trace elements in hemodialysis patients: a systematic review and meta-analysis. BMC Medicine, 2009, 7, 25.	5.5	227
12	Infant gut microbiota and the hygiene hypothesis of allergic disease: impact of household pets and siblings on microbiota composition and diversity. Allergy, Asthma and Clinical Immunology, 2013, 9, 15.	2.0	219
13	Association of Exposure to Formula in the Hospital and Subsequent Infant Feeding Practices With Gut Microbiota and Risk of Overweight in the First Year of Life. JAMA Pediatrics, 2018, 172, e181161.	6.2	218
14	Human health benefits of vaccenic acid. Applied Physiology, Nutrition and Metabolism, 2009, 34, 979-991.	1.9	211
15	Randomized controlled trial of exercise and blood immune function in postmenopausal breast cancer survivors. Journal of Applied Physiology, 2005, 98, 1534-1540.	2.5	209
16	Exposure to household furry pets influences the gut microbiota of infants at 3-4 months following various birth scenarios. Microbiome, 2017, 5, 40.	11.1	197
17	Vitamins, minerals, and mood.. Psychological Bulletin, 2007, 133, 747-760.	6.1	179
18	Probiotic supplementation during pregnancy or infancy for the prevention of asthma and wheeze: systematic review and meta-analysis. BMJ, The, 2013, 347, f6471-f6471.	6.0	171

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19	Effect of exercise training on C-reactive protein in postmenopausal breast cancer survivors: A randomized controlled trial. <i>Brain, Behavior, and Immunity</i> , 2005, 19, 381-388.	4.1	168
20	Subcutaneous adiposity is an independent predictor of mortality in cancer patients. <i>British Journal of Cancer</i> , 2017, 117, 148-155.	6.4	167
21	Mechanisms of omega-3 fatty acid-induced growth inhibition in MDA-MB-231 human breast cancer cells. <i>Breast Cancer Research and Treatment</i> , 2005, 92, 187-195.	2.5	161
22	Fermentable Dietary Fiber Increases GLP-1 Secretion and Improves Glucose Homeostasis Despite Increased Intestinal Glucose Transport Capacity in Healthy Dogs. <i>Journal of Nutrition</i> , 1998, 128, 1786-1793.	2.9	155
23	Effects of probiotic therapy in critically ill patients: a randomized, double-blind, placebo-controlled trial. <i>American Journal of Clinical Nutrition</i> , 2007, 85, 816-823.	4.7	153
24	Breastmilk Feeding Practices Are Associated with the Co-Occurrence of Bacteria in Mothers' Milk and the Infant Gut: the CHILD Cohort Study. <i>Cell Host and Microbe</i> , 2020, 28, 285-297.e4.	11.0	148
25	The Alberta Pregnancy Outcomes and Nutrition (APrON) cohort study: rationale and methods. <i>Maternal and Child Nutrition</i> , 2014, 10, 44-60.	3.0	146
26	Trans-11 Vaccenic Acid Dietary Supplementation Induces Hypolipidemic Effects in JCR:LA-cp Rats. <i>Journal of Nutrition</i> , 2008, 138, 2117-2122.	2.9	143
27	The immune modifying effects of amino acids on gut-associated lymphoid tissue. <i>Journal of Animal Science and Biotechnology</i> , 2013, 4, 27.	5.3	141
28	Physical exercise and immune system function in cancer survivors. <i>Cancer</i> , 2002, 94, 539-551.	4.1	136
29	Lower Proportion of CD45RO+ Cells and Deficient Interleukin-10 Production by Formula-Fed Infants, Compared With Human-Fed, Is Corrected With Supplementation of Long-Chain Polyunsaturated Fatty Acids. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2000, 31, 291-299.	1.8	132
30	Fecal Short-Chain Fatty Acid Variations by Breastfeeding Status in Infants at 4 Months: Differences in Relative versus Absolute Concentrations. <i>Frontiers in Nutrition</i> , 2017, 4, 11.	3.7	121
31	Individuals with obesity and type 2 diabetes have additional immune dysfunction compared with obese individuals who are metabolically healthy. <i>BMJ Open Diabetes Research and Care</i> , 2017, 5, e000379.	2.8	120
32	The potential for treatment with dietary long-chain polyunsaturated n-3 fatty acids during chemotherapy. <i>Journal of Nutritional Biochemistry</i> , 2008, 19, 787-796.	4.2	119
33	The Immunological Components of Human Milk. <i>Advances in Food and Nutrition Research</i> , 2008, 54, 45-80.	3.0	119
34	Conjugated Linoleic Acid in Canadian Dairy and Beef Products. <i>Journal of Agricultural and Food Chemistry</i> , 1999, 47, 1956-1960.	5.2	117
35	Irinotecan (CPT-11) Chemotherapy Alters Intestinal Microbiota in Tumour Bearing Rats. <i>PLoS ONE</i> , 2012, 7, e39764.	2.5	115
36	Effect of pasteurization on selected immune components of donated human breast milk. <i>Journal of Perinatology</i> , 2011, 31, 593-598.	2.0	98

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37	Dietary patterns in patients with advanced cancer: implications for anorexia-cachexia therapy. American Journal of Clinical Nutrition, 2006, 84, 1163-1170.	4.7	95
38	Modulation of adipose tissue fat composition by diet: A review. Nutrition Research, 1984, 4, 743-755.	2.9	91
39	A systematic review on the effect of sweeteners on glycemic response and clinically relevant outcomes. BMC Medicine, 2011, 9, 123.	5.5	89
40	Low muscle mass and strength in pediatrics patients: Why should we care?. Clinical Nutrition, 2019, 38, 2002-2015.	5.0	88
41	Evidence for potential mechanisms for the effect of conjugated linoleic acid on tumor metabolism and immune function: lessons from n-3 fatty acids. American Journal of Clinical Nutrition, 2004, 79, 1190S-1198S.	4.7	87
42	Brain Fatty Acid-binding Protein and n-3/n-6 Fatty Acids. Journal of Biological Chemistry, 2010, 285, 37005-37015.	3.4	87
43	The Importance of Human Milk for Immunity in Preterm Infants. Clinics in Perinatology, 2017, 44, 23-47.	2.1	87
44	A Critical Review on the Effect of Docosahexaenoic Acid (DHA) on Cancer Cell Cycle Progression. International Journal of Molecular Sciences, 2017, 18, 1784.	4.1	86
45	Effect of pasteurization on immune components of milk: implications for feeding preterm infants. Applied Physiology, Nutrition and Metabolism, 2011, 36, 175-182.	1.9	83
46	Adiponectin, leptin and insulin in breast milk: associations with maternal characteristics and infant body composition in the first year of life. International Journal of Obesity, 2018, 42, 36-43.	3.4	82
47	Human milk fatty acid composition is associated with dietary, genetic, sociodemographic, and environmental factors in the CHILD Cohort Study. American Journal of Clinical Nutrition, 2019, 110, 1370-1383.	4.7	80
48	Improved Mood and Behavior During Treatment with a Mineral-Vitamin Supplement: An Open-Label Case Series of Children. Journal of Child and Adolescent Psychopharmacology, 2004, 14, 115-122.	1.3	78
49	Vaccenic acid favourably alters immune function in obese JCR:LA-cp rats. British Journal of Nutrition, 2009, 102, 526.	2.3	76
50	Exposure and dietary sources of bisphenol A (BPA) and BPA-alternatives among mothers in the APron cohort study. Environment International, 2018, 119, 319-326.	10.0	76
51	Integrated Analysis of Human Milk Microbiota With Oligosaccharides and Fatty Acids in the CHILD Cohort. Frontiers in Nutrition, 2019, 6, 58.	3.7	74
52	Bacteroides-dominant gut microbiome of late infancy is associated with enhanced neurodevelopment. Gut Microbes, 2021, 13, 1-17.	9.8	74
53	Glutamine supplementation improves intestinal barrier function in a weaned piglet model of <i>Escherichia coli</i> infection. British Journal of Nutrition, 2011, 106, 870-877.	2.3	72
54	Effect of providing a formula supplemented with long-chain polyunsaturated fatty acids on immunity in full-term neonates. British Journal of Nutrition, 2008, 99, 91-99.	2.3	71

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55	Polyunsaturated fatty acids and T-cell function: Implications for the neonate. <i>Lipids</i> , 2001, 36, 1025-1032.	1.7	69
56	Nutritional Modulation of Antitumor Efficacy and Diarrhea Toxicity Related to Irinotecan Chemotherapy in Rats Bearing the Ward Colon Tumor. <i>Clinical Cancer Research</i> , 2007, 13, 7146-7154.	7.0	69
57	Estimation of choline intake from 24 h dietary intake recalls and contribution of egg and milk consumption to intake among pregnant and lactating women in Alberta. <i>British Journal of Nutrition</i> , 2014, 112, 112-121.	2.3	69
58	Cesarean Section, Formula Feeding, and Infant Antibiotic Exposure: Separate and Combined Impacts on Gut Microbial Changes in Later Infancy. <i>Frontiers in Pediatrics</i> , 2017, 5, 200.	1.9	69
59	Validation of an LC-MS/MS method for the quantification of choline-related compounds and phospholipids in foods and tissues. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2012, 911, 170-179.	2.3	68
60	Intestinal Uptake and Transport of Vitamin B12-loaded Soy Protein Nanoparticles. <i>Pharmaceutical Research</i> , 2015, 32, 1288-1303.	3.5	67
61	Dietary Choline or Trimethylamine N-oxide Supplementation Does Not Influence Atherosclerosis Development in Ldlr <sup>-/-</sup> and Apoe <sup>-/-</sup> Male Mice. <i>Journal of Nutrition</i> , 2020, 150, 249-255.	2.9	66
62	Glutamine Supplementation Maintains Intramuscular Glutamine Concentrations and Normalizes Lymphocyte Function in Infected Early Weaned Pigs. <i>Journal of Nutrition</i> , 1997, 127, 2253-2259.	2.9	65
63	The fermentable fiber content of the diet alters the function and composition of canine gut associated lymphoid tissue. <i>Veterinary Immunology and Immunopathology</i> , 1999, 72, 325-341.	1.2	65
64	Rethinking healthy eating in light of the gut microbiome. <i>Cell Host and Microbe</i> , 2022, 30, 764-785.	11.0	65
65	Dietary supplementation of n-3 PUFA reduces weight gain and improves postprandial lipaemia and the associated inflammatory response in the obese JCR:LA-cp rat. <i>Diabetes, Obesity and Metabolism</i> , 2010, 12, 139-147.	4.4	61
66	Trans-11 Vaccenic Acid Reduces Hepatic Lipogenesis and Chylomicron Secretion in JCR:LA-cp Rats. <i>Journal of Nutrition</i> , 2009, 139, 2049-2054.	2.9	59
67	Purification and identification of anti-inflammatory peptides from spent hen muscle proteins hydrolysate. <i>Food Chemistry</i> , 2018, 253, 101-107.	8.2	58
68	Evidence for the essentiality of arachidonic and docosahexaenoic acid in the postnatal maternal and infant diet for the development of the infant's immune system early in life. <i>Applied Physiology, Nutrition and Metabolism</i> , 2016, 41, 461-475.	1.9	57
69	Dietary Lipids Influence Insulin Action. <i>Annals of the New York Academy of Sciences</i> , 1993, 683, 151-163.	3.8	56
70	Short-Chain Fatty Acid-Supplemented Total Parenteral Nutrition Improves Nonspecific Immunity After Intestinal Resection in Rats. <i>Journal of Parenteral and Enteral Nutrition</i> , 1996, 20, 264-271.	2.6	56
71	Plasma and neutrophil fatty acid composition in advanced cancer patients and response to fish oil supplementation. <i>British Journal of Cancer</i> , 2002, 87, 1370-1378.	6.4	56
72	Current and emerging therapies for managing hyperphagia and obesity in Prader-Willi syndrome: A narrative review. <i>Obesity Reviews</i> , 2020, 21, e12992.	6.5	56

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73	Chronic dietary n-3 PUFA intervention improves dyslipidaemia and subsequent cardiovascular complications in the JCR:LA-cp rat model of the metabolic syndrome. British Journal of Nutrition, 2011, 105, 1572-1582.	2.3	54
74	Concentrations of Trace Elements and Clinical Outcomes in Hemodialysis Patients. Clinical Journal of the American Society of Nephrology: CJASN, 2018, 13, 907-915.	4.5	54
75	Dietary Long-Chain (n-3) Fatty Acids Facilitate Immune Cell Activation in Sedentary, but not Exercise-Trained Rats. Journal of Nutrition, 1998, 128, 498-504.	2.9	50
76	The Modifying Effects of Galactomannan from Canadian-Grown Fenugreek (Trigonella) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 627 Td (foe Nutrition, 2008, 43, 167-174.	1.4	50
77	Glutamine and arginine: immunonutrients for improved health. Medicine and Science in Sports and Exercise, 2000, 32, S377-S388.	0.4	50
78	Relationship between Dietary Fat, Adipocyte Membrane Composition and Insulin Binding in the Rat. Journal of Nutrition, 1989, 119, 1483-1489.	2.9	49
79	Dietary L-Glutamine Supplementation Reduces the Growth of the Morris Hepatoma 7777 in Exercise-Trained and Sedentary Rats. Journal of Nutrition, 1997, 127, 158-166.	2.9	49
80	Glutamine supplementation influences immune development in the newly weaned piglet. Developmental and Comparative Immunology, 2006, 30, 1191-1202.	2.3	49
81	In vitro intestinal glucose uptake is inhibited by galactomannan from Canadian fenugreek seed (Trigonella foenum graecum L) in genetically lean and obese rats. Nutrition Research, 2009, 29, 49-54.	2.9	49
82	Use of micronutrient supplements among pregnant women in <scp>A</scp>lberta: results from the <scp>A</scp>lberta <scp>P</scp>regnancy <scp>O</scp>utcomes and <scp>N</scp>utrition (<scp>APrON</scp>) cohort. Maternal and Child Nutrition, 2015, 11, 497-510.	3.0	49
83	Early life antibiotic exposure affects pancreatic islet development and metabolic regulation. Scientific Reports, 2017, 7, 41778.	3.3	48
84	Preparation of conjugated linoleic acid from safflower oil. JAOCS, Journal of the American Oil Chemists' Society, 1999, 76, 729-730.	1.9	47
85	Isomers of Conjugated Linoleic Acid (CLA) Are Incorporated into Egg Yolk Lipids by CLA-Fed Laying Hens. Journal of Nutrition, 2000, 130, 2002-2005.	2.9	47
86	Effects of Acute Exercise on Neutrophils in Pediatric Acute Lymphoblastic Leukemia Survivors: A Pilot Study. Journal of Pediatric Hematology/Oncology, 2006, 28, 671-677.	0.6	46
87	Choline Supplementation Protects against Liver Damage by Normalizing Cholesterol Metabolism in Pemt/Ldlr Knockout Mice Fed a High-Fat Diet. Journal of Nutrition, 2014, 144, 252-257.	2.9	46
88	Clearance of apoptotic $\hat{2}$ -cells is reduced in neonatal autoimmune diabetes-prone rats. Cell Death and Differentiation, 2002, 9, 457-464.	11.2	44
89	Possible links between behavioral and physiological indices of tiredness, fatigue, and exhaustion in advanced cancer. Supportive Care in Cancer, 2008, 16, 241-249.	2.2	44
90	Adipose Tissue Development and Expansion from the Womb to Adolescence: An Overview. Nutrients, 2020, 12, 2735.	4.1	44

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91	Low Energy Intakes Are Associated With Adverse Outcomes in Infants After Open Heart Surgery. Journal of Parenteral and Enteral Nutrition, 2013, 37, 254-260.	2.6	43
92	Gangliosides Protect Bowel in an Infant Model of Necrotizing Enterocolitis by Suppressing Proinflammatory Signals. Journal of Pediatric Gastroenterology and Nutrition, 2009, 49, 382-392.	1.8	42
93	Docosahexanoic Acid Improves Chemotherapy Efficacy by Inducing CD95 Translocation to Lipid Rafts in ER <sup>+</sup> Breast Cancer Cells. Lipids, 2012, 47, 1019-1030.	1.7	42
94	Effects of Exercise on Cardiorespiratory Fitness and Biochemical Progression in Men With Localized Prostate Cancer Under Active Surveillance. JAMA Oncology, 2021, 7, 1487.	7.1	42
95	Conjugated Linoleic Acid Decreases MCF-7 Human Breast Cancer Cell Growth and Insulin-Like Growth Factor-1 Receptor Levels. Lipids, 2009, 44, 449-58.	1.7	41
96	Pre-treatment with an intravenous lipid emulsion containing fish oil (eicosapentaenoic and) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 547 To randomized, controlled trial. Clinical Nutrition, 2012, 31, 322-329.	5.0	41
97	Infant gut immunity: a preliminary study of IgA associations with breastfeeding. Journal of Developmental Origins of Health and Disease, 2016, 7, 68-72.	1.4	41
98	Plasma 3-Epi-25-Hydroxycholecalciferol Can Alter the Assessment of Vitamin D Status Using the Current Reference Ranges for Pregnant Women and Their Newborns. Journal of Nutrition, 2016, 146, 70-75.	2.9	41
99	Prenatal micronutrient supplementation and postpartum depressive symptoms in a pregnancy cohort. BMC Pregnancy and Childbirth, 2013, 13, 2.	2.4	40
100	Effect of CVT-E002 <sup>®</sup> (COLD-fx <sup>®</sup> ) versus a ginsenoside extract on systemic and gut-associated immune function. International Immunopharmacology, 2008, 8, 1134-1142.	3.8	39
101	Increased hypolipidemic benefits of cis-9, trans-11 conjugated linoleic acid in combination with trans-11 vaccenic acid in a rodent model of the metabolic syndrome, the JCR:LA-cp rat. Nutrition and Metabolism, 2010, 7, 60.	3.0	39
102	Excess Folic Acid Increases Lipid Storage, Weight Gain, and Adipose Tissue Inflammation in High Fat Diet-Fed Rats. Nutrients, 2016, 8, 594.	4.1	39
103	Energy Metabolism Profile in Individuals with Prader-Willi Syndrome and Implications for Clinical Management: A Systematic Review. Advances in Nutrition, 2017, 8, 905-915.	6.4	39
104	Choline deficiency impairs intestinal lipid metabolism in the lactating rat. Journal of Nutritional Biochemistry, 2015, 26, 1077-1083.	4.2	38
105	Impact of Egg Consumption on Cardiovascular Risk Factors in Individuals with Type 2 Diabetes and at Risk for Developing Diabetes: A Systematic Review of Randomized Nutritional Intervention Studies. Canadian Journal of Diabetes, 2017, 41, 453-463.	0.8	38
106	The effects of pure nucleotides on performance, humoral immunity, gut structure and numbers of intestinal bacteria of newly weaned pigs. Journal of Animal Science, 2012, 90, 3126-3134.	0.5	37
107	The intestinal bioavailability of vaccenic acid and activation of peroxisome proliferator-activated receptor- $\alpha$ and $\beta$ in a rodent model of dyslipidemia and the metabolic syndrome. Molecular Nutrition and Food Research, 2012, 56, 1234-1246.	3.3	37
108	The Form of Choline in the Maternal Diet Affects Immune Development in Suckled Rat Offspring. Journal of Nutrition, 2016, 146, 823-830.	2.9	36



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109	Muscle-specific differences in the response of mitochondrial proteins to $\hat{I}^2$ -GPA feeding: an evaluation of potential mechanisms. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2009, 296, E1400-E1408.	3.5	35
110	Trace element supplementation in hemodialysis patients: a randomized controlled trial. <i>BMC Nephrology</i> , 2015, 16, 52.	1.8	35
111	Amino acid nutrition and immune function in tumour-bearing rats: a comparison of glutamine-, arginine- and ornithine 2-oxoglutarate-supplemented diets. <i>Clinical Science</i> , 1999, 97, 657-669.	4.3	34
112	Folate, vitamin B <sub>12</sub> , and vitamin B <sub>6</sub> status of a group of high socioeconomic status women in the Alberta Pregnancy Outcomes and Nutrition (APrON) cohort. <i>Applied Physiology, Nutrition and Metabolism</i> , 2014, 39, 1402-1408.	1.9	34
113	Maternal depressive symptoms linked to reduced fecal Immunoglobulin A concentrations in infants. <i>Brain, Behavior, and Immunity</i> , 2018, 68, 123-131.	4.1	34
114	R3230AC Rat Mammary Tumor and Dietary Long-Chain (n-3) Fatty Acids Change Immune Cell Composition and Function during Mitogen Activation. <i>Journal of Nutrition</i> , 2001, 131, 2021-2027.	2.9	33
115	Fatty acid content of plasma lipids and erythrocyte phospholipids are altered following burn injury. <i>Lipids</i> , 2001, 36, 675-682.	1.7	33
116	Bolus Oral Glutamine Protects Rats against CPT-11-Induced Diarrhea and Differentially Activates Cytoprotective Mechanisms in Host Intestine but Not Tumor. <i>Journal of Nutrition</i> , 2008, 138, 740-746.	2.9	33
117	Bioactivity and biotechnological production of punicic acid. <i>Applied Microbiology and Biotechnology</i> , 2018, 102, 3537-3549.	3.6	32
118	Systematic review of safety and tolerability of a complex micronutrient formula used in mental health. <i>BMC Psychiatry</i> , 2011, 11, 62.	2.6	31
119	Barley-derived $\hat{I}^2$ -glucans increases gut permeability, ex vivo epithelial cell binding to E. coli, and na $\hat{I}^2$ -ve T-cell proportions in weanling pigs <sup>1,2</sup> . <i>Journal of Animal Science</i> , 2012, 90, 2652-2662.	0.5	31
120	Women who take n-3 long-chain polyunsaturated fatty acid supplements during pregnancy and lactation meet the recommended intake. <i>Applied Physiology, Nutrition and Metabolism</i> , 2015, 40, 474-481.	1.9	31
121	Longitudinal analysis reveals early-pregnancy associations between perfluoroalkyl sulfonates and thyroid hormone status in a Canadian prospective birth cohort. <i>Environment International</i> , 2019, 129, 389-399.	10.0	31
122	From Birth to Overweight and Atopic Disease: Multiple and Common Pathways of the Infant Gut Microbiome. <i>Gastroenterology</i> , 2021, 160, 128-144.e10.	1.3	31
123	Enhanced glutamine and glucose metabolism in cultured rat splenocytes stimulated by phorbol myristate acetate plus ionomycin. <i>Metabolism: Clinical and Experimental</i> , 1992, 41, 982-988.	3.4	30
124	Use of T cell function to determine the effect of physiologically active food components. <i>American Journal of Clinical Nutrition</i> , 2000, 71, 1730S-1735S.	4.7	30
125	Dietary folate improves age-related decreases in lymphocyte function. <i>Journal of Nutritional Biochemistry</i> , 2006, 17, 37-44.	4.2	30
126	Vaccenic acid suppresses intestinal inflammation by increasing anandamide and related N-acylethanolamines in the JCR:LA-cp rat. <i>Journal of Lipid Research</i> , 2016, 57, 638-649.	4.2	30



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127	Determination of the Relative Efficacy of Eicosapentaenoic Acid and Docosahexaenoic Acid for Anti-Cancer Effects in Human Breast Cancer Models. <i>International Journal of Molecular Sciences</i> , 2017, 18, 2607.	4.1	30
128	Neonatal Exposure to Amoxicillin Alters Long-Term Immune Response Despite Transient Effects on Gut-Microbiota in Piglets. <i>Frontiers in Immunology</i> , 2019, 10, 2059.	4.8	30
129	The Current Recommended Vitamin D Intake Guideline for Diet and Supplements During Pregnancy Is Not Adequate to Achieve Vitamin D Sufficiency for Most Pregnant Women. <i>PLoS ONE</i> , 2016, 11, e0157262.	2.5	29
130	Liver Disease, Systemic Inflammation, and Growth Using a Mixed Parenteral Lipid Emulsion, Containing Soybean Oil, Fish Oil, and Medium Chain Triglycerides, Compared With Soybean Oil in Parenteral Nutrition—Fed Neonatal Piglets. <i>Journal of Parenteral and Enteral Nutrition</i> , 2016, 40, 973-981.	2.6	29
131	Glucose and glutamine metabolism in rat macrophages: enhanced glycolysis and unaltered glutaminolysis in spontaneously diabetic BB rats. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 1991, 1115, 166-173.	2.4	28
132	An Enriched Mixture of Trans-10,Cis-12-CLA Inhibits Linoleic Acid Metabolism and PGE2 Synthesis in MDA-MB-231 Cells. <i>Nutrition and Cancer</i> , 2002, 44, 203-212.	2.0	28
133	New role of glutamate as an immunoregulator via glutamate receptors and transporters. <i>Frontiers in Bioscience - Scholar</i> , 2011, S3, 1007.	2.1	28
134	Effect of aerobic training on the host systemic milieu in patients with solid tumours: an exploratory correlative study. <i>British Journal of Cancer</i> , 2015, 112, 825-831.	6.4	28
135	Parenteral Soy Oil and Fish Oil Emulsions. <i>Journal of Parenteral and Enteral Nutrition</i> , 2015, 39, 677-687.	2.6	28
136	Concentrations of Trace Elements in Hemodialysis Patients: A Prospective Cohort Study. <i>American Journal of Kidney Diseases</i> , 2017, 70, 696-704.	1.9	28
137	An assessment of c9,t11 linoleic acid intake in a small group of young Canadians. <i>Nutrition Research</i> , 2001, 21, 955-960.	2.9	27
138	A systematic review of the vitamin B12, folate and homocysteine triad across body mass index. <i>Obesity Reviews</i> , 2018, 19, 1608-1618.	6.5	27
139	Frailty, Health-Related Quality of Life, Cognition, Depression, Vitamin D and Health-Care Utilization in an Ambulatory Adult Population With Type 1 or Type 2 Diabetes Mellitus and Chronic Kidney Disease: A Cross-Sectional Analysis. <i>Canadian Journal of Diabetes</i> , 2019, 43, 90-97.	0.8	27
140	Prenatal Folate and Choline Levels and Brain and Cognitive Development in Children: A Critical Narrative Review. <i>Nutrients</i> , 2022, 14, 364.	4.1	27
141	The effect of treating infected skin grafts with Acticoat® on immune cells. <i>Burns</i> , 2007, 33, 52-58.	1.9	26
142	Stearidonic acid-enriched flax oil reduces the growth of human breast cancer in vitro and in vivo. <i>Breast Cancer Research and Treatment</i> , 2015, 149, 17-29.	2.5	26
143	High fecal IgA is associated with reduced <i>Clostridium difficile</i> colonization in infants. <i>Microbes and Infection</i> , 2016, 18, 543-549.	1.9	26
144	Representations of the health value of vitamin D supplementation in newspapers: media content analysis. <i>BMJ Open</i> , 2014, 4, e006395.	1.9	25

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145	Role of docosahexaenoic acid in enhancement of docetaxel action in patient-derived breast cancer xenografts. <i>Breast Cancer Research and Treatment</i> , 2019, 177, 357-367.	2.5	25
146	Treatment with DHA Modifies the Response of MDA-MB-231 Breast Cancer Cells and Tumors from nu/nu Mice to Doxorubicin through Apoptosis and Cell Cycle Arrest. <i>Journal of Nutrition</i> , 2019, 149, 46-56.	2.9	25
147	The impact of maternal and early life malnutrition on health: a diet-microbe perspective. <i>BMC Medicine</i> , 2020, 18, 135.	5.5	25
148	Alterations in lymphocyte function and relation to phospholipid composition after burn injury in humans. <i>Critical Care Medicine</i> , 2002, 30, 1753-1761.	0.9	24
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