

Catherine J Field

List of Publications by Year in descending order

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Version: 2024-02-01

278
papers

14,749
citations

19655

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. <i>Cmaj</i> , 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. <i>Journal of Clinical Oncology</i> , 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. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2016, 123, 983-993.	2.3	453
4	The Immunological Components of Human Milk and Their Effect on Immune Development in Infants. <i>Journal of Nutrition</i> , 2005, 135, 1-4.	2.9	427
5	Composition and Variation of the Human Milk Microbiota Are Influenced by Maternal and Early-Life Factors. <i>Cell Host and Microbe</i> , 2019, 25, 324-335.e4.	11.0	343
6	Infant gut microbiota and food sensitization: associations in the first year of life. <i>Clinical and Experimental Allergy</i> , 2015, 45, 632-643.	2.9	333
7	Dietary fat: exogenous determination of membrane structure and cell function. <i>FASEB Journal</i> , 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 Cells ^{1,2} . <i>Journal of Nutrition</i> , 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. <i>JAMA Pediatrics</i> , 2018, 172, 368.	6.2	235
10	Nutrients and their role in host resistance to infection. <i>Journal of Leukocyte Biology</i> , 2002, 71, 16-32.	3.3	235
11	Trace elements in hemodialysis patients: a systematic review and meta-analysis. <i>BMC Medicine</i> , 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. <i>Allergy, Asthma and Clinical Immunology</i> , 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. <i>JAMA Pediatrics</i> , 2018, 172, e181161.	6.2	218
14	Human health benefits of vaccenic acid. <i>Applied Physiology, Nutrition and Metabolism</i> , 2009, 34, 979-991.	1.9	211
15	Randomized controlled trial of exercise and blood immune function in postmenopausal breast cancer survivors. <i>Journal of Applied Physiology</i> , 2005, 98, 1534-1540.	2.5	209
16	Exposure to household furry pets influences the gut microbiota of infants at 4 months following various birth scenarios. <i>Microbiome</i> , 2017, 5, 40.	11.1	197
17	Vitamins, minerals, and mood. <i>Psychological Bulletin</i> , 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. <i>BMJ, The</i> , 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 4â€‰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. <i>American Journal of Clinical Nutrition</i> , 2006, 84, 1163-1170.	4.7	95
38	Modulation of adipose tissue fat composition by diet: A review. <i>Nutrition Research</i> , 1984, 4, 743-755.	2.9	91
39	A systematic review on the effect of sweeteners on glycemic response and clinically relevant outcomes. <i>BMC Medicine</i> , 2011, 9, 123.	5.5	89
40	Low muscle mass and strength in pediatrics patients: Why should we care?. <i>Clinical Nutrition</i> , 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. <i>American Journal of Clinical Nutrition</i> , 2004, 79, 1190S-1198S.	4.7	87
42	Brain Fatty Acid-binding Protein and n ³ /n ⁶ Fatty Acids. <i>Journal of Biological Chemistry</i> , 2010, 285, 37005-37015.	3.4	87
43	The Importance of Human Milk for Immunity in Preterm Infants. <i>Clinics in Perinatology</i> , 2017, 44, 23-47.	2.1	87
44	A Critical Review on the Effect of Docosahexaenoic Acid (DHA) on Cancer Cell Cycle Progression. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1784.	4.1	86
45	Effect of pasteurization on immune components of milk: implications for feeding preterm infants. <i>Applied Physiology, Nutrition and Metabolism</i> , 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. <i>International Journal of Obesity</i> , 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. <i>American Journal of Clinical Nutrition</i> , 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. <i>Journal of Child and Adolescent Psychopharmacology</i> , 2004, 14, 115-122.	1.3	78
49	Vaccenic acid favourably alters immune function in obese JCR:LA-cp rats. <i>British Journal of Nutrition</i> , 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. <i>Environment International</i> , 2018, 119, 319-326.	10.0	76
51	Integrated Analysis of Human Milk Microbiota With Oligosaccharides and Fatty Acids in the CHILD Cohort. <i>Frontiers in Nutrition</i> , 2019, 6, 58.	3.7	74
52	Bacteroides-dominant gut microbiome of late infancy is associated with enhanced neurodevelopment. <i>Gut Microbes</i> , 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. <i>British Journal of Nutrition</i> , 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. <i>British Journal of Nutrition</i> , 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 ^{-/-} and Apoe ^{-/-} 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. <i>British Journal of Nutrition</i> , 2011, 105, 1572-1582.	2.3	54
74	Concentrations of Trace Elements and Clinical Outcomes in Hemodialysis Patients. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 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. <i>Journal of Nutrition</i> , 1998, 128, 498-504.	2.9	50
76	The Modifying Effects of Galactomannan from Canadian-Grown Fenugreek (<i>Trigonella</i>) on Blood Glucose and Lipid Metabolism in Overweight and Obese Rats. <i>Nutrition</i> , 2008, 43, 167-174.	1.4	50
77	Glutamine and arginine: immunonutrients for improved health. <i>Medicine and Science in Sports and Exercise</i> , 2000, 32, S377-S388.	0.4	50
78	Relationship between Dietary Fat, Adipocyte Membrane Composition and Insulin Binding in the Rat. <i>Journal of Nutrition</i> , 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. <i>Journal of Nutrition</i> , 1997, 127, 158-166.	2.9	49
80	Glutamine supplementation influences immune development in the newly weaned piglet. <i>Developmental and Comparative Immunology</i> , 2006, 30, 1191-1202.	2.3	49
81	In vitro intestinal glucose uptake is inhibited by galactomannan from Canadian fenugreek seed (<i>Trigonella foenum graecum</i> L) in genetically lean and obese rats. <i>Nutrition Research</i> , 2009, 29, 49-54.	2.9	49
82	Use of micronutrient supplements among pregnant women in Alberta: results from the Alberta Pregnancy Outcomes and Nutrition (APrON) cohort. <i>Maternal and Child Nutrition</i> , 2015, 11, 497-510.	3.0	49
83	Early life antibiotic exposure affects pancreatic islet development and metabolic regulation. <i>Scientific Reports</i> , 2017, 7, 41778.	3.3	48
84	Preparation of conjugated linoleic acid from safflower oil. <i>JAOCs, Journal of the American Oil Chemists' Society</i> , 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. <i>Journal of Nutrition</i> , 2000, 130, 2002-2005.	2.9	47
86	Effects of Acute Exercise on Neutrophils in Pediatric Acute Lymphoblastic Leukemia Survivors: A Pilot Study. <i>Journal of Pediatric Hematology/Oncology</i> , 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. <i>Journal of Nutrition</i> , 2014, 144, 252-257.	2.9	46
88	Clearance of apoptotic β -cells is reduced in neonatal autoimmune diabetes-prone rats. <i>Cell Death and Differentiation</i> , 2002, 9, 457-464.	11.2	44
89	Possible links between behavioral and physiological indices of tiredness, fatigue, and exhaustion in advanced cancer. <i>Supportive Care in Cancer</i> , 2008, 16, 241-249.	2.2	44
90	Adipose Tissue Development and Expansion from the Womb to Adolescence: An Overview. <i>Nutrients</i> , 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. <i>Journal of Parenteral and Enteral Nutrition</i> , 2013, 37, 254-260.	2.6	43
92	Gangliosides Protect Bowel in an Infant Model of Necrotizing Enterocolitis by Suppressing Proinflammatory Signals. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2009, 49, 382-392.	1.8	42
93	Docosahexanoic Acid Improves Chemotherapy Efficacy by Inducing CD95 Translocation to Lipid Rafts in ER ⁺ Breast Cancer Cells. <i>Lipids</i> , 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. <i>JAMA Oncology</i> , 2021, 7, 1487.	7.1	42
95	Conjugated Linoleic Acid Decreases MCF7 Human Breast Cancer Cell Growth and Insulin-Like Growth Factor-1 Receptor Levels. <i>Lipids</i> , 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 T randomized, controlled trial. <i>Clinical Nutrition</i> , 2012, 31, 322-329.	5.0	41
97	Infant gut immunity: a preliminary study of IgA associations with breastfeeding. <i>Journal of Developmental Origins of Health and Disease</i> , 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. <i>Journal of Nutrition</i> , 2016, 146, 70-75.	2.9	41
99	Prenatal micronutrient supplementation and postpartum depressive symptoms in a pregnancy cohort. <i>BMC Pregnancy and Childbirth</i> , 2013, 13, 2.	2.4	40
100	Effect of CVT-E002 [®] (COLD-FX [®]) versus a ginsenoside extract on systemic and gut-associated immune function. <i>International Immunopharmacology</i> , 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. <i>Nutrition and Metabolism</i> , 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. <i>Nutrients</i> , 2016, 8, 594.	4.1	39
103	Energy Metabolism Profile in Individuals with Prader-Willi Syndrome and Implications for Clinical Management: A Systematic Review. <i>Advances in Nutrition</i> , 2017, 8, 905-915.	6.4	39
104	Choline deficiency impairs intestinal lipid metabolism in the lactating rat. <i>Journal of Nutritional Biochemistry</i> , 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. <i>Canadian Journal of Diabetes</i> , 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. <i>Journal of Animal Science</i> , 2012, 90, 3126-3134.	0.5	37
107	The intestinal bioavailability of vaccenic acid and activation of peroxisome proliferator-activated receptor- α and β in a rodent model of dyslipidemia and the metabolic syndrome. <i>Molecular Nutrition and Food Research</i> , 2012, 56, 1234-1246.	3.3	37
108	The Form of Choline in the Maternal Diet Affects Immune Development in Suckled Rat Offspring. <i>Journal of Nutrition</i> , 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 ₁₂ , and vitamin B ₆ 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 \bar{A} -ve T-cell proportions in weanling pigs ^{1,2} . <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
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