

Catherine J Field

List of Publications by Year in descending order

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Version: 2024-02-01

278
papers

14,749
citations

22548

61
h-index

29333

108
g-index

282
all docs

282
docs citations

282
times ranked

18177
citing authors

#	ARTICLE	IF	CITATIONS
1	Human milk: From complex tailored nutrition to bioactive impact on child cognition and behavior. <i>Critical Reviews in Food Science and Nutrition</i> , 2023, 63, 7945-7982.	5.4	17
2	Docosahexaenoic Acid in the Inhibition of Tumor Cell Growth in Preclinical Models of Ovarian Cancer. <i>Nutrition and Cancer</i> , 2022, 74, 1431-1445.	0.9	5
3	Prenatal Folate and Choline Levels and Brain and Cognitive Development in Children: A Critical Narrative Review. <i>Nutrients</i> , 2022, 14, 364.	1.7	27
4	Egg-Phosphatidylcholine Attenuates T-Cell Dysfunction in High-Fat Diet Fed Male Wistar Rats. <i>Frontiers in Nutrition</i> , 2022, 9, 811469.	1.6	5
5	The Alberta Pregnancy Outcomes and Nutrition (APrON) longitudinal study: cohort profile and key findings from the first three years. <i>BMJ Open</i> , 2022, 12, e047503.	0.8	18
6	Serum Asprosin Concentrations in Children with Prader-Willi Syndrome: Correlations with Metabolic Parameters. <i>Journal of Clinical Medicine</i> , 2022, 11, 2268.	1.0	2
7	Docosahexaenoic acid enrichment of tumor phospholipid membranes increases tumor necroptosis in mice bearing triple negative breast cancer patient-derived xenografts. <i>Journal of Nutritional Biochemistry</i> , 2022, 107, 109018.	1.9	6
8	Combined Supplementation with Arachidonic and Docosahexaenoic Acids in T Helper Type-2 Skewed Brown Norway Rat Offspring is Beneficial in the Induction of Oral Tolerance toward Ovalbumin and Immune System Development. <i>Journal of Nutrition</i> , 2022, 152, 2165-2178.	1.3	6
9	Rethinking healthy eating in light of the gut microbiome. <i>Cell Host and Microbe</i> , 2022, 30, 764-785.	5.1	65
10	Childhood body mass index and associations with infant gut metabolites and secretory IgA: findings from a prospective cohort study. <i>International Journal of Obesity</i> , 2022, 46, 1712-1719.	1.6	4
11	Metabolic dysfunction in pregnancy: Fingerprinting the maternal metabolome using proton nuclear magnetic resonance spectroscopy. <i>Endocrinology, Diabetes and Metabolism</i> , 2021, 4, e00201.	1.0	10
12	Resolving the omega-3 methyl resonance with long echo time magnetic resonance spectroscopy in mouse adipose tissue at 9.4 T. <i>NMR in Biomedicine</i> , 2021, 34, e4455.	1.6	1
13	From Birth to Overweight and Atopic Disease: Multiple and Common Pathways of the Infant Gut Microbiome. <i>Gastroenterology</i> , 2021, 160, 128-144.e10.	0.6	31
14	Bacteroides-dominant gut microbiome of late infancy is associated with enhanced neurodevelopment. <i>Gut Microbes</i> , 2021, 13, 1-17.	4.3	74
15	Efficacy of metformin and fermentable fiber combination therapy in adolescents with severe obesity and insulin resistance: study protocol for a double-blind randomized controlled trial. <i>Trials</i> , 2021, 22, 148.	0.7	4
16	Effect of High-Protein Diet on Postprandial Energy Expenditure in Children with Prader-Willi Syndrome: A Pilot and Feasibility Study. <i>Current Developments in Nutrition</i> , 2021, 5, nzab016.	0.1	1
17	A Prospective Analysis of Plasma Phospholipid Fatty Acids and Breast Cancer Risk in 2 Provinces in Canada. <i>Current Developments in Nutrition</i> , 2021, 5, nzab022.	0.1	2
18	N-3 Long-Chain Polyunsaturated Fatty Acids, Eicosapentaenoic and Docosahexaenoic Acid, and the Role of Supplementation during Cancer Treatment: A Scoping Review of Current Clinical Evidence. <i>Cancers</i> , 2021, 13, 1206.	1.7	21

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19	Sex-specific associations of human milk long-chain polyunsaturated fatty acids and infant allergic conditions. <i>Pediatric Allergy and Immunology</i> , 2021, 32, 1173-1182.	1.1	6
20	A two-component pictured-based appetite assessment tool is capable of detecting appetite sensations in younger children: A pilot study. <i>Nutrition Research</i> , 2021, 89, 45-55.	1.3	5
21	Dietary Reference Intakes based on chronic disease endpoints: outcomes from a case study workshop for omega 3's EPA and DHA. <i>Applied Physiology, Nutrition and Metabolism</i> , 2021, 46, 530-539.	0.9	6
22	Cross-Sectional Study Protocol for the COVID-19 Impact Survey of Mothers and Their 7-11 Year Old Children in Alberta, Canada. <i>Frontiers in Psychiatry</i> , 2021, 12, 597759.	1.3	4
23	Dietary phosphatidylcholine supplementation reduces atherosclerosis in Ldlr male mice ² . <i>Journal of Nutritional Biochemistry</i> , 2021, 92, 108617.	1.9	13
24	FABP7 Facilitates Uptake of Docosahexaenoic Acid in Glioblastoma Neural Stem-like Cells. <i>Nutrients</i> , 2021, 13, 2664.	1.7	10
25	Ethnicity Associations With Food Sensitization Are Mediated by Gut Microbiota Development in the First Year of Life. <i>Gastroenterology</i> , 2021, 161, 94-106.	0.6	16
26	Composition and Functions of the Gut Microbiome in Pediatric Obesity: Relationships with Markers of Insulin Resistance. <i>Microorganisms</i> , 2021, 9, 1490.	1.6	15
27	Prenatal Depression, Breastfeeding, and Infant Gut Microbiota. <i>Frontiers in Microbiology</i> , 2021, 12, 664257.	1.5	15
28	Investigating the genetic architecture of disease resilience in pigs by genome-wide association studies of complete blood count traits collected from a natural disease challenge model. <i>BMC Genomics</i> , 2021, 22, 535.	1.2	4
29	The role of maternal nutrition during pregnancy in the intergenerational transmission of childhood adversity. <i>Psychoneuroendocrinology</i> , 2021, 130, 105283.	1.3	2
30	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.	3.4	42
31	Transient antibiotic-induced changes in the neonatal swine intestinal microbiota impact islet expression profiles reducing subsequent function. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2021, 321, R303-R316.	0.9	1
32	Interaction of prenatal bisphenols, maternal nutrients, and toxic metal exposures on neurodevelopment of 2-year-olds in the APrON cohort. <i>Environment International</i> , 2021, 155, 106601.	4.8	14
33	Buttermilk: an important source of lipid soluble forms of choline that influences the immune system development in Sprague-Dawley rat offspring. <i>European Journal of Nutrition</i> , 2021, 60, 2807-2818.	1.8	10
34	Long Chain Polyunsaturated Fatty Acids Docosahexaenoic Acid and Arachidonic Acid Supplementation in the Suckling and the Post-weaning Diet Influences the Immune System Development of T Helper Type-2 Bias Brown Norway Rat Offspring. <i>Frontiers in Nutrition</i> , 2021, 8, 769293.	1.6	4
35	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.	1.3	66
36	Feeding a Bioactive Oil Enriched in Stearidonic Acid during Early Life Influences Immune System Maturation in Neonatal Sprague-Dawley Rats. <i>Journal of Nutrition</i> , 2020, 150, 606-615.	1.3	2

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37	Current and emerging therapies for managing hyperphagia and obesity in Praderâ€Willi syndrome: A narrative review. <i>Obesity Reviews</i> , 2020, 21, e12992.	3.1	56
38	Maternal psychological distress before birth influences gut immunity in midâ€infancy. <i>Clinical and Experimental Allergy</i> , 2020, 50, 178-188.	1.4	18
39	Dietary macronutrient regulation of acyl and desacyl ghrelin concentrations in children with Praderâ€Willi syndrome (PWS). <i>Clinical Endocrinology</i> , 2020, 93, 579-589.	1.2	2
40	Vitamin D supplementation in pregnancy and early infancy in relation to gut microbiota composition and <i>C. difficile</i> colonization: implications for viral respiratory infections. <i>Gut Microbes</i> , 2020, 12, 1799734.	4.3	16
41	Plasma Free Choline Concentration Did Not Reflect Dietary Choline Intake in Early and Late Pregnancy: Findings from the APron Study. <i>Current Developments in Nutrition</i> , 2020, 4, nzaa067_052.	0.1	4
42	Adipose Tissue Development and Expansion from the Womb to Adolescence: An Overview. <i>Nutrients</i> , 2020, 12, 2735.	1.7	44
43	The impact of maternal and early life malnutrition on health: a diet-microbe perspective. <i>BMC Medicine</i> , 2020, 18, 135.	2.3	25
44	Docosahexaenoic Acid Incorporation Is Not Affected by Doxorubicin Chemotherapy in either Whole Cell or Lipid Raft Phospholipids of Breast Cancer Cells <i>in vitro</i> and Tumor Phospholipids <i>in vivo</i> . <i>Lipids</i> , 2020, 55, 549-565.	0.7	8
45	Breastmilk Feeding Practices Are Associated with the Co-Occurrence of Bacteria in Mothersâ€™ Milk and the Infant Gut: the CHILD Cohort Study. <i>Cell Host and Microbe</i> , 2020, 28, 285-297.e4.	5.1	148
46	Sheila M. Innis, PhD, RD (1953â€“2016): A Pioneer and Innovator Influencing the Maternal and Infant Nutrition Field. <i>Journal of Nutrition</i> , 2020, 150, 1673-1675.	1.3	0
47	Sex-specific association of human milk hormones and asthma in the CHILD cohort. <i>Pediatric Allergy and Immunology</i> , 2020, 31, 570-573.	1.1	2
48	Exploring Phenotypes for Disease Resilience in Pigs Using Complete Blood Count Data From a Natural Disease Challenge Model. <i>Frontiers in Genetics</i> , 2020, 11, 216.	1.1	14
49	Feeding Buttermilk-Derived Choline Forms During Gestation and Lactation Modulates Ex Vivo T-Cell Response in Rat Dams. <i>Journal of Nutrition</i> , 2020, 150, 1958-1965.	1.3	7
50	PHOSPHATIDYLCHOLINE CONTAINING LONG CHAIN OMEGA-3 FATTY ACIDS: A TREATMENT ADJUNCT FOR PATIENTS WITH ANOREXIA NERVOSA?. <i>Psychiatria Danubina</i> , 2020, 32, 55-59.	0.2	3
51	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.	0.4	27
52	Exercise duRing Active Surveillance for prostatE cancerâ€”the ERASE trial: a study protocol of a phase II randomised controlled trial. <i>BMJ Open</i> , 2019, 9, e026438.	0.8	10
53	Metabolic implications of low muscle mass in the pediatric population: a critical review. <i>Metabolism: Clinical and Experimental</i> , 2019, 99, 102-112.	1.5	15
54	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.	2.2	30

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55	Are There Benefits to Growth with Supplementing Long-Chain PUFAs to Toddlers Born Prematurely?. <i>Journal of Nutrition</i> , 2019, 149, 2075-2076.	1.3	1
56	Immunohistochemical phenotyping of T cells, granulocytes, and phagocytes in the muscle of cancer patients: association with radiologically defined muscle mass and gene expression. <i>Skeletal Muscle</i> , 2019, 9, 24.	1.9	15
57	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.	2.2	80
58	Ensuring trust in nutrition science: request for stakeholder input. <i>American Journal of Clinical Nutrition</i> , 2019, 109, 223-224.	2.2	0
59	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.	1.1	25
60	Dietary Fats. <i>Advances in Nutrition</i> , 2019, 10, 722-724.	2.9	11
61	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.	4.8	31
62	Low muscle mass and strength in pediatrics patients: Why should we care?. <i>Clinical Nutrition</i> , 2019, 38, 2002-2015.	2.3	88
63	Integrated Analysis of Human Milk Microbiota With Oligosaccharides and Fatty Acids in the CHILD Cohort. <i>Frontiers in Nutrition</i> , 2019, 6, 58.	1.6	74
64	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.	5.1	343
65	Comparing docosahexaenoic acid (DHA) concomitant with neoadjuvant chemotherapy versus neoadjuvant chemotherapy alone in the treatment of breast cancer (DHA WIN): protocol of a double-blind, phase II, randomised controlled trial. <i>BMJ Open</i> , 2019, 9, e030502.	0.8	15
66	<i>Clostridioides difficile</i> Colonization Is Differentially Associated With Gut Microbiome Profiles by Infant Feeding Modality at 3-4 Months of Age. <i>Frontiers in Immunology</i> , 2019, 10, 2866.	2.2	22
67	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.	1.3	25
68	High-Fructose Diet-Induced Hypertriglyceridemia Is Associated With Enhanced Hepatic Expression of ACAT2 in Rats. <i>Physiological Research</i> , 2019, 68, 1021-1026.	0.4	6
69	CHAPTER 4. Egg Consumption and Cardiometabolic Health. <i>Food Chemistry, Function and Analysis</i> , 2019, , 60-82.	0.1	0
70	Bioactivity and biotechnological production of punicic acid. <i>Applied Microbiology and Biotechnology</i> , 2018, 102, 3537-3549.	1.7	32
71	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.	3.3	235
72	Purification and identification of anti-inflammatory peptides from spent hen muscle proteins hydrolysate. <i>Food Chemistry</i> , 2018, 253, 101-107.	4.2	58

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73	Parenteral Lipid Dose Restriction With Soy Oil, Not Fish Oil, Preserves Retinal Function in Neonatal Piglets. <i>Journal of Parenteral and Enteral Nutrition</i> , 2018, 42, 1177-1184.	1.3	5
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.	2.2	54
75	Maternal depressive symptoms linked to reduced fecal Immunoglobulin A concentrations in infants. <i>Brain, Behavior, and Immunity</i> , 2018, 68, 123-131.	2.0	34
76	Response to the Letter to the Editor From Dr. Spence, "Egg Consumption and Cardiovascular Risk". <i>Canadian Journal of Diabetes</i> , 2018, 42, 223.	0.4	0
77	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.	1.6	82
78	Hepatic Expression of PEMT, but Not Dietary Choline Supplementation, Reverses the Protection against Atherosclerosis in <i>Pemt/Ldlr</i> Mice. <i>Journal of Nutrition</i> , 2018, 148, 1513-1520.	1.3	6
79	Dietary intake in youth with prader-willi syndrome. <i>American Journal of Medical Genetics, Part A</i> , 2018, 176, 2309-2317.	0.7	15
80	A spent hen muscle protein hydrolysate: a potential IL-10 stimulator in a murine model. <i>Food and Function</i> , 2018, 9, 4714-4719.	2.1	11
81	A systematic review of the vitamin B12, folate and homocysteine triad across body mass index. <i>Obesity Reviews</i> , 2018, 19, 1608-1618.	3.1	27
82	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.	4.8	76
83	Both Mother and Infant Require a Vitamin D Supplement to Ensure That Infants'™ Vitamin D Status Meets Current Guidelines. <i>Nutrients</i> , 2018, 10, 429.	1.7	20
84	Vitamin D Status and Immune Health Outcomes in a Cross-Sectional Study and a Randomized Trial of Healthy Young Children. <i>Nutrients</i> , 2018, 10, 680.	1.7	14
85	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.	3.3	218
86	Supplemental Parenteral Vitamin E Into Conventional Soybean Lipid Emulsion Does Not Prevent Parenteral Nutrition-Associated Liver Disease in Full-Term Neonatal Piglets. <i>Journal of Parenteral and Enteral Nutrition</i> , 2017, 41, 575-582.	1.3	18
87	Professor Sheila M. Innis: A dedicated innovator of maternal and child health (1953-2016). <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2017, 127, 40-41.	1.0	0
88	Early life antibiotic exposure affects pancreatic islet development and metabolic regulation. <i>Scientific Reports</i> , 2017, 7, 41778.	1.6	48
89	The High Prevalence of Vitamin D Insufficiency in Cord Blood in Calgary, Alberta (APron-D Study). <i>Journal of Obstetrics and Gynaecology Canada</i> , 2017, 39, 347-353.e1.	0.3	7
90	Subcutaneous adiposity is an independent predictor of mortality in cancer patients. <i>British Journal of Cancer</i> , 2017, 117, 148-155.	2.9	167

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91	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.	0.4	38
92	Exposure to household furry pets influences the gut microbiota of infants at 3-4 months following various birth scenarios. <i>Microbiome</i> , 2017, 5, 40.	4.9	197
93	The Importance of Human Milk for Immunity in Preterm Infants. <i>Clinics in Perinatology</i> , 2017, 44, 23-47.	0.8	87
94	Concentrations of Trace Elements in Hemodialysis Patients: A Prospective Cohort Study. <i>American Journal of Kidney Diseases</i> , 2017, 70, 696-704.	2.1	28
95	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.	1.2	120
96	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.	2.9	39
97	The development of a choline rich cereal based functional food: Effect of processing and storage. <i>LWT - Food Science and Technology</i> , 2017, 75, 447-452.	2.5	7
98	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.	1.8	86
99	Feeding a Mixture of Choline Forms to Lactating Dams Improves the Development of the Immune System in Sprague-Dawley Rat Offspring. <i>Nutrients</i> , 2017, 9, 567.	1.7	12
100	Feeding a Mixture of Choline Forms during Lactation Improves Offspring Growth and Maternal Lymphocyte Response to Ex Vivo Immune Challenges. <i>Nutrients</i> , 2017, 9, 713.	1.7	8
101	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.	1.6	121
102	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.	0.9	69
103	Chemotherapy diminishes lipid storage capacity of adipose tissue in a preclinical model of colon cancer. <i>Lipids in Health and Disease</i> , 2017, 16, 247.	1.2	18
104	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.	1.8	30
105	The Form of Choline in the Maternal Diet Affects Immune Development in Suckled Rat Offspring. <i>Journal of Nutrition</i> , 2016, 146, 823-830.	1.3	36
106	Glucagon-Like Peptide 2 Improves Cholestasis in Parenteral Nutrition-Associated Liver Disease. <i>Journal of Parenteral and Enteral Nutrition</i> , 2016, 40, 14-21.	1.3	16
107	Mechanisms of Comorbidities Associated With the Metabolic Syndrome: Insights from the JCR:LA-cp Corpulent Rat Strain. <i>Frontiers in Nutrition</i> , 2016, 3, 44.	1.6	12
108	Feeding a Diet Enriched in Docosahexaenoic Acid to Lactating Dams Improves the Tolerance Response to Egg Protein in Suckled Pups. <i>Nutrients</i> , 2016, 8, 103.	1.7	16

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109	Excess Folic Acid Increases Lipid Storage, Weight Gain, and Adipose Tissue Inflammation in High Fat Diet-Fed Rats. <i>Nutrients</i> , 2016, 8, 594.	1.7	39
110	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.	1.1	29
111	High fecal IgA is associated with reduced <i>Clostridium difficile</i> colonization in infants. <i>Microbes and Infection</i> , 2016, 18, 543-549.	1.0	26
112	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.	0.7	41
113	A Dietary Supply of Docosahexaenoic Acid Early in Life Is Essential for Immune Development and the Establishment of Oral Tolerance in Female Rat Offspring. <i>Journal of Nutrition</i> , 2016, 146, 2398-2406.	1.3	16
114	Feeding a diet devoid of choline to lactating rodents restricts growth and lymphocyte development in offspring. <i>British Journal of Nutrition</i> , 2016, 116, 1001-1012.	1.2	12
115	The content of docosahexaenoic acid in the suckling and the weaning diet beneficially modulates the ability of immune cells to respond to stimuli. <i>Journal of Nutritional Biochemistry</i> , 2016, 35, 22-29.	1.9	10
116	Effect of proteolysis on the sialic acid content and bifidogenic activity of ovomucin hydrolysates. <i>Food Chemistry</i> , 2016, 212, 78-86.	4.2	21
117	A Third-Generation Lipid Emulsion that Contains $n-3$ Long-Chain PUFAs Preserves Retinal Function in Parenterally Fed Neonatal Piglets. <i>Journal of Nutrition</i> , 2016, 146, 2260-2266.	1.3	7
118	The content of docosahexaenoic acid in the maternal diet differentially affects the immune response in lactating dams and suckled offspring. <i>European Journal of Nutrition</i> , 2016, 55, 2255-2264.	1.8	15
119	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.	1.1	453
120	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.	0.9	57
121	Vaccenic acid suppresses intestinal inflammation by increasing anandamide and related N-acyl ethanolamines in the JCR:LA-cp rat. <i>Journal of Lipid Research</i> , 2016, 57, 638-649.	2.0	30
122	Perinatal nutrition in maternal mental health and child development: Birth of a pregnancy cohort. <i>Early Human Development</i> , 2016, 93, 1-7.	0.8	18
123	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.	1.3	41
124	Measurement of the total choline content in 48 commercial dairy products or dairy alternatives. <i>Journal of Food Composition and Analysis</i> , 2016, 45, 1-8.	1.9	15
125	Platelet Arachidonic Acid Deficiency May Contribute to Abnormal Platelet Function During Parenteral Fish Oil Monotherapy in a Piglet Model. <i>Journal of Parenteral and Enteral Nutrition</i> , 2016, 40, 587-591.	1.3	22
126	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.	1.3	29

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127	Choline is required in the diet of lactating dams to maintain maternal immune function. <i>British Journal of Nutrition</i> , 2015, 113, 1723-1731.	1.2	21
128	Should the forms of dietary choline also be considered when estimating dietary intake and the implications for health?. <i>Lipid Technology</i> , 2015, 27, 227-230.	0.3	18
129	Use of micronutrient supplements among pregnant women in <sc>A</sc>lberta: results from the <sc>A</sc>lberta <sc>P</sc>regnancy <sc>O</sc>utcomes and <sc>N</sc>utrition (<sc>APrON</sc>) cohort. <i>Maternal and Child Nutrition</i> , 2015, 11, 497-510.	1.4	49
130	Long-Term Effect of Docosahexaenoic Acid Feeding on Lipid Composition and Brain Fatty Acid-Binding Protein Expression in Rats. <i>Nutrients</i> , 2015, 7, 8802-8817.	1.7	17
131	Choline deficiency impairs intestinal lipid metabolism in the lactating rat. <i>Journal of Nutritional Biochemistry</i> , 2015, 26, 1077-1083.	1.9	38
132	Trace element supplementation in hemodialysis patients: a randomized controlled trial. <i>BMC Nephrology</i> , 2015, 16, 52.	0.8	35
133	Infant gut microbiota and food sensitization: associations in the first year of life. <i>Clinical and Experimental Allergy</i> , 2015, 45, 632-643.	1.4	333
134	Intestinal Uptake and Transport of Vitamin B12-loaded Soy Protein Nanoparticles. <i>Pharmaceutical Research</i> , 2015, 32, 1288-1303.	1.7	67
135	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.	2.9	28
136	Parenteral Soy Oil and Fish Oil Emulsions. <i>Journal of Parenteral and Enteral Nutrition</i> , 2015, 39, 677-687.	1.3	28
137	Bypassing the Δ^6 -desaturase enzyme and directly providing n-3 and n-6 PUFA pathway intermediates reduces the survival of two human breast cancer cell lines. <i>European Journal of Lipid Science and Technology</i> , 2015, 117, 1378-1390.	1.0	9
138	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.	0.9	31
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