

# R Gibson

## List of Publications by Year in descending order

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238  
papers

12,415  
citations

24809

57  
h-index

33666

100  
g-index

268  
all docs

268  
docs citations

268  
times ranked

12533  
citing authors

#	ARTICLE	IF	CITATIONS
1	Dietary polyunsaturated fatty acids and inflammatory mediator production. American Journal of Clinical Nutrition, 2000, 71, 343S-348S.	4.6	887
2	Are long-chain polyunsaturated fatty acids essential nutrients in infancy?. Lancet, The, 1995, 345, 1463-1468.	12.1	492
3	Effect of DHA Supplementation During Pregnancy on Maternal Depression and Neurodevelopment of Young Children. JAMA - Journal of the American Medical Association, 2010, 304, 1675.	7.0	478
4	Neurodevelopmental Outcomes of Preterm Infants Fed High-Dose Docosahexaenoic Acid. JAMA - Journal of the American Medical Association, 2009, 301, 175.	7.0	338
5	Infant Growth Before and After Term: Effects on Neurodevelopment in Preterm Infants. Pediatrics, 2011, 128, e899-e906.	2.2	289
6	Plasma phospholipid and dietary fatty acids as predictors of type 2 diabetes: interpreting the role of linoleic acid. American Journal of Clinical Nutrition, 2007, 86, 189-197.	4.6	256
7	The importance of early complementary feeding in the development of oral tolerance: Concerns and controversies. Pediatric Allergy and Immunology, 2008, 19, 375-380.	2.5	223
8	A reappraisal of the impact of dairy foods and milk fat on cardiovascular disease risk. European Journal of Nutrition, 2009, 48, 191-203.	4.0	216
9	Conversion of linoleic acid and alpha-linolenic acid to long-chain polyunsaturated fatty acids (LCPUFAs), with a focus on pregnancy, lactation and the first 2 years of life. Maternal and Child Nutrition, 2011, 7, 17-26.	3.0	201
10	Effects of fish-oil supplementation on myocardial fatty acids in humans. American Journal of Clinical Nutrition, 2007, 85, 1222-1228.	4.6	189
11	Comparison of the Compositions of the Stool Microbiotas of Infants Fed Goat Milk Formula, Cow Milk-Based Formula, or Breast Milk. Applied and Environmental Microbiology, 2013, 79, 3040-3048.	3.2	184
12	A Critical Appraisal of the Role of Dietary Long-Chain Polyunsaturated Fatty Acids on Neural Indices of Term Infants: A Randomized, Controlled Trial. Pediatrics, 2000, 105, 32-38.	2.2	181
13	Efficacy and tolerability of low-dose iron supplements during pregnancy: a randomized controlled trial. American Journal of Clinical Nutrition, 2003, 78, 145-153.	4.6	165
14	Determination of the optimal ratio of linoleic acid to $\alpha$ -linolenic acid in infant formulas. Journal of Pediatrics, 1992, 120, S151-S158.	2.2	155
15	Omega-3 long chain fatty acid synthesis is regulated more by substrate levels than gene expression. Prostaglandins Leukotrienes and Essential Fatty Acids, 2010, 83, 61-68.	2.3	151
16	Elongase Reactions as Control Points in Long-Chain Polyunsaturated Fatty Acid Synthesis. PLoS ONE, 2011, 6, e29662.	2.5	149
17	Docosahexaenoic acid synthesis from alpha-linolenic acid is inhibited by diets high in polyunsaturated fatty acids. Prostaglandins Leukotrienes and Essential Fatty Acids, 2013, 88, 139-146.	2.3	149
18	Cytokines (IL-1 $\beta$ , IL-6, TNF- $\alpha$ , TGF- $\beta$ 1, and TGF- $\beta$ 2) and Prostaglandin E2 in Human Milk during the First Three Months Postpartum. Pediatric Research, 1999, 46, 194-199.	2.4	144

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19	Docosahexaenoic Acid and Bronchopulmonary Dysplasia in Preterm Infants. <i>New England Journal of Medicine</i> , 2017, 376, 1245-1255.	30.1	141
20	Plasma phospholipid fatty acid composition as a biomarker of habitual dietary fat intake in an ethnically diverse cohort. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2007, 17, 415-426.	2.7	134
21	Long-chain polyunsaturated fatty acid requirements during pregnancy and lactation. <i>American Journal of Clinical Nutrition</i> , 2000, 71, 307S-311S.	4.6	121
22	High-Dose Docosahexaenoic Acid Supplementation of Preterm Infants: Respiratory and Allergy Outcomes. <i>Pediatrics</i> , 2011, 128, e71-e77.	2.2	121
23	A randomized trial of different ratios of linoleic to $\hat{\pm}$ -linolenic acid in the diet of term infants: effects on visual function and growth. <i>American Journal of Clinical Nutrition</i> , 2000, 71, 120-129.	4.6	119
24	Higher dose of docosahexaenoic acid in the neonatal period improves visual acuity of preterm infants: results of a randomized controlled trial. <i>American Journal of Clinical Nutrition</i> , 2008, 88, 1049-1056.	4.6	114
25	Fish-oil supplementation in pregnancy does not reduce the risk of gestational diabetes or preeclampsia. <i>American Journal of Clinical Nutrition</i> , 2012, 95, 1378-1384.	4.6	111
26	Effect of iodine supplementation in pregnancy on child development and other clinical outcomes: a systematic review of randomized controlled trials. <i>American Journal of Clinical Nutrition</i> , 2013, 98, 1241-1254.	4.6	110
27	Changes in the polyunsaturated fatty acids of breast milk from mothers of full-term infants over 30 wk of lactation. <i>American Journal of Clinical Nutrition</i> , 1995, 61, 1231-1233.	4.6	104
28	Optimizing DHA levels in piglets by lowering the linoleic acid to $\hat{\pm}$ -linolenic acid ratio. <i>Journal of Lipid Research</i> , 2002, 43, 1537-1543.	4.2	103
29	Effect of long-chain polyunsaturated fatty acid supplementation of preterm infants on disease risk and neurodevelopment: a systematic review of randomized controlled trials. <i>American Journal of Clinical Nutrition</i> , 2008, 87, 912-920.	4.6	103
30	Effect of iron supplementation during pregnancy on the intelligence quotient and behavior of children at 4 y of age: long-term follow-up of a randomized controlled trial. <i>American Journal of Clinical Nutrition</i> , 2006, 83, 1112-1117.	4.6	101
31	Effect of Dietary Fish Oil on Atrial Fibrillation After Cardiac Surgery. <i>American Journal of Cardiology</i> , 2011, 108, 851-856.	1.6	94
32	Supplementation of infant formula with long-chain polyunsaturated fatty acids does not influence the growth of term infants. <i>American Journal of Clinical Nutrition</i> , 2005, 81, 1094-1101.	4.6	90
33	Effect of feeding hemp seed and hemp seed oil on laying hen performance and egg yolk fatty acid content: Evidence of their safety and efficacy for laying hen diets. <i>Poultry Science</i> , 2012, 91, 701-711.	3.5	87
34	Neurodevelopmental outcomes at 7 $\hat{\pm}$ ...years $\hat{\pm}$ ™ corrected age in preterm infants who were fed high-dose docosahexaenoic acid to term equivalent: a follow-up of a randomised controlled trial. <i>BMJ Open</i> , 2015, 5, e007314.	2.1	86
35	Effect of prenatal DHA supplementation on the infant epigenome: results from a randomized controlled trial. <i>Clinical Epigenetics</i> , 2016, 8, 114.	4.3	83
36	Cloning and functional characterisation of a fatty acyl elongase from southern bluefin tuna ( <i>Thunnus maccoyii</i> ). <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2010, 155, 178-185.	1.7	82

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37	Nutritional effect of including egg yolk in the weaning diet of breast-fed and formula-fed infants: a randomized controlled trial. <i>American Journal of Clinical Nutrition</i> , 2002, 75, 1084-1092.	4.6	79
38	Competition between 24:5n-3 and ALA for $\Delta^6$ desaturase may limit the accumulation of DHA in HepG2 cell membranes. <i>Journal of Lipid Research</i> , 2007, 48, 1592-1598.	4.2	79
39	Impact of fatty acid status on growth and neurobehavioural development in humans. <i>Maternal and Child Nutrition</i> , 2011, 7, 80-88.	3.0	72
40	Nutritional adequacy of goat milk infant formulas for term infants: a double-blind randomised controlled trial. <i>British Journal of Nutrition</i> , 2014, 111, 1641-1651.	2.7	72
41	Dietary Long-Chain Polyunsaturated Fatty Acids Do Not Influence Growth of Term Infants: A Randomized Clinical Trial. <i>Pediatrics</i> , 1999, 104, 468-475.	2.2	70
42	Effect of increasing protein content of human milk fortifier on growth in preterm infants born at <31 wk gestation: a randomized controlled trial. <i>American Journal of Clinical Nutrition</i> , 2012, 95, 648-655.	4.6	69
43	Randomized trials with polyunsaturated fatty acid interventions in preterm and term infants: Functional and clinical outcomes. <i>Lipids</i> , 2001, 36, 873-883.	1.8	68
44	The Effect of Breast Feeding on Lymphocyte Subpopulations in Healthy Term Infants at 6 Months of Age. <i>Pediatric Research</i> , 1999, 45, 648-651.	2.4	68
45	Very long chain fatty acids in X-linked adrenoleukodystrophy brain after treatment with Lorenzo's oil. <i>Annals of Neurology</i> , 1994, 36, 741-746.	5.8	66
46	Four-Year Follow-up of Children Born to Women in a Randomized Trial of Prenatal DHA Supplementation. <i>JAMA - Journal of the American Medical Association</i> , 2014, 311, 1802.	7.0	66
47	Erythrocyte fatty acids of term infants fed either breast milk, standard formula, or formula supplemented with long-chain polyunsaturates. <i>Lipids</i> , 1995, 30, 941-948.	1.8	65
48	Home environment, not duration of breast-feeding, predicts intelligence quotient of children at four years. <i>Nutrition</i> , 2007, 23, 236-241.	2.6	65
49	Effect of long-chain polyunsaturated fatty acid supplementation during pregnancy or lactation on infant and child body composition: a systematic review. <i>American Journal of Clinical Nutrition</i> , 2010, 92, 857-863.	4.6	65
50	The effect of modifying dietary LA and ALA intakes on omega-3 long chain polyunsaturated fatty acid (n-3 LCPUFA) status in human adults: A systematic review and commentary. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2015, 95, 47-55.	2.3	65
51	A Randomized Trial of Prenatal $\omega^3$ Fatty Acid Supplementation and Preterm Delivery. <i>New England Journal of Medicine</i> , 2019, 381, 1035-1045.	30.1	65
52	Fatty Acid Profile and Sensory Characteristics of Table Eggs from Laying Hens Fed Hempseed and Hempseed Oil. <i>Journal of Food Science</i> , 2012, 77, S153-60.	3.2	64
53	Dietary alpha-linolenic acid enhances omega-3 long chain polyunsaturated fatty acid levels in chicken tissues. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2012, 87, 103-109.	2.3	63
54	Functional Characterization of the Chicken Fatty Acid Elongases. <i>Journal of Nutrition</i> , 2013, 143, 12-16.	2.7	62

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55	Feeding preterm infants milk with a higher dose of docosahexaenoic acid than that used in current practice does not influence language or behavior in early childhood: a follow-up study of a randomized controlled trial. <i>American Journal of Clinical Nutrition</i> , 2010, 91, 628-634.	4.6	61
56	Effect of dietary docosahexaenoic acid on brain composition and neural function in term infants. <i>Lipids</i> , 1996, 31, S177-S181.	1.8	60
57	Differential modulation of rat heart mitochondrial membrane-associated enzymes by dietary lipid. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 1983, 760, 13-24.	2.5	59
58	The effect of dairy foods on CHD: a systematic review of prospective cohort studies. <i>British Journal of Nutrition</i> , 2009, 102, 1267-1275.	2.7	59
59	The role of long chain polyunsaturated fatty acids (LCPUFA) in neonatal nutrition. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 1998, 87, 1017-1022.	1.5	58
60	Is dietary docosahexaenoic acid essential for term infants?. <i>Lipids</i> , 1996, 31, 115-119.	1.8	55
61	Immunomodulatory constituents of human milk change in response to infant bronchiolitis. <i>Pediatric Allergy and Immunology</i> , 2007, 18, 495-502.	2.5	54
62	Association of TMPRSS6 polymorphisms with ferritin, hemoglobin, and type 2 diabetes risk in a Chinese Han population. <i>American Journal of Clinical Nutrition</i> , 2012, 95, 626-632.	4.6	54
63	The effect of maternal omega-3 long-chain polyunsaturated fatty acid (n-3 LCPUFA) supplementation during pregnancy and/or lactation on body fat mass in the offspring: A systematic review of animal studies. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2011, 85, 83-88.	2.3	53
64	Opposing Effects of Omega-3 and Omega-6 Long Chain Polyunsaturated Fatty Acids on the Expression of Lipogenic Genes in Omental and Retroperitoneal Adipose Depots in the Rat. <i>Journal of Nutrition and Metabolism</i> , 2010, 2010, 1-9.	1.8	52
65	Circulating Fatty Acids and Prostate Cancer Risk: Individual Participant Meta-Analysis of Prospective Studies. <i>Journal of the National Cancer Institute</i> , 2014, 106, .	6.4	51
66	Effects of Moderate-Dose Omega-3 Fish Oil on Cardiovascular Risk Factors and Mood After Ischemic Stroke. <i>Stroke</i> , 2009, 40, 3485-3492.	5.3	50
67	Relation between blood and atrial fatty acids in patients undergoing cardiac bypass surgery. <i>American Journal of Clinical Nutrition</i> , 2010, 91, 528-534.	4.6	50
68	Effect of two doses of docosahexaenoic acid (DHA) in the diet of preterm infants on infant fatty acid status: Results from the DINO trial. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2008, 79, 141-146.	2.3	48
69	Maternal supplementation with docosahexaenoic acid during pregnancy does not affect early visual development in the infant: a randomized controlled trial. <i>American Journal of Clinical Nutrition</i> , 2011, 93, 1293-1299.	4.6	48
70	Dietary lipid modulation of rat liver mitochondrial succinate:cytochrome c reductase. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1983, 727, 163-169.	2.7	45
71	n-3 Polyunsaturated fatty acid requirements of term infants. <i>American Journal of Clinical Nutrition</i> , 2000, 71, 251S-255S.	4.6	45
72	The effect of $\pm$ -linolenic acid and linoleic acid on the growth and development of formula-fed infants: A systematic review and meta-analysis of randomized controlled trials. <i>Lipids</i> , 2005, 40, 1-11.	1.8	45

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73	Correlations between blood and tissue omega-3 LCPUFA status following dietary ALA intervention in rats. Prostaglandins Leukotrienes and Essential Fatty Acids, 2013, 88, 53-60.	2.3	45
74	Association of cord blood vitamin D with early childhood growth and neurodevelopment. Journal of Paediatrics and Child Health, 2017, 53, 75-83.	0.8	45
75	Interleukin-12 in Human Milk. Pediatric Research, 1999, 45, 858-859.	2.4	45
76	Differentiation of <i>Bifidobacterium longum</i> subspecies <i>longum</i> and <i>infantis</i> by quantitative PCR using functional gene targets. PeerJ, 2017, 5, e3375.	2.0	45
77	Randomised clinical trial of parenteral selenium supplementation in preterm infants.. Archives of Disease in Childhood: Fetal and Neonatal Edition, 1996, 74, F158-F164.	3.1	44
78	Plasma phospholipid fatty acids, dietary fatty acids and prostate cancer risk. International Journal of Cancer, 2013, 133, 1882-1891.	5.4	43
79	Effect of Sampling on Fatty Acid Composition of Human Colostrum. Journal of Nutrition, 1980, 110, 1671-1675.	2.7	42
80	Interaction between Fish and Vegetable Oils in Relation to Rat Leucocyte Leukotriene Production. Journal of Nutrition, 1991, 121, 631-637.	2.7	42
81	Cytokine production by human milk cells and peripheral blood mononuclear cells from the same mothers. Journal of Clinical Immunology, 2002, 22, 338-344.	3.8	42
82	Validation of an optimized method for the determination of iodine in human breast milk by inductively coupled plasma mass spectrometry (ICPMS) after tetramethylammonium hydroxide extraction. Journal of Trace Elements in Medicine and Biology, 2015, 29, 75-82.	3.2	41
83	Polyunsaturated fatty acids and infant visual development: A critical appraisal of randomized clinical trials. Lipids, 1999, 34, 179-184.	1.8	40
84	Safety of supplementing infant formula with long-chain polyunsaturated fatty acids and <i>Bifidobacterium lactis</i> in term infants: a randomised controlled trial. British Journal of Nutrition, 2009, 101, 1706-1713.	2.7	40
85	DHA supplementation during pregnancy does not reduce BMI or body fat mass in children: follow-up of the DHA to Optimize Mother Infant Outcome randomized controlled trial. American Journal of Clinical Nutrition, 2016, 103, 1489-1496.	4.6	40
86	Iron status and dietary iron intake of 6-24 month old children in Adelaide. Journal of Paediatrics and Child Health, 1998, 34, 250-253.	0.8	39
87	A low omega-6 polyunsaturated fatty acid (n-6 PUFA) diet increases omega-3 (n-3) long chain PUFA status in plasma phospholipids in humans. Prostaglandins Leukotrienes and Essential Fatty Acids, 2014, 90, 133-138.	2.3	39
88	Ratios of linoleic acid to $\pm$ linolenic acid in formulas for term infants. Journal of Pediatrics, 1994, 125, S48-S55.	2.2	38
89	Pre- and post-term growth in pre-term infants supplemented with higher-dose DHA: a randomised controlled trial. British Journal of Nutrition, 2011, 105, 1635-1643.	2.7	38
90	Nutrient intakes and status of preschool children in Adelaide, South Australia. Medical Journal of Australia, 2012, 196, 696-700.	1.8	38

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91	Dietary and ontogenic regulation of fatty acid desaturase and elongase expression in broiler chickens. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2013, 89, 107-113.	2.3	38
92	A randomized trial of supplementation with docosahexaenoic acid-rich tuna oil and its effects on the human milk cytokines interleukin 1 $\beta$ , interleukin 6, and tumor necrosis factor $\alpha$ . <i>American Journal of Clinical Nutrition</i> , 2002, 75, 754-760.	4.6	37
93	Interleukin-2 in human milk: A potential modulator of lymphocyte development in the breastfed infant. <i>Cytokine</i> , 2006, 33, 289-293.	3.2	37
94	Changes to breast milk fatty acid composition during storage, handling and processing: A systematic review. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2019, 146, 1-10.	2.3	37
95	ARE ESKIMOS OBLIGATE CARNIVORES?. <i>Lancet, The</i> , 1981, 317, 1100.	12.1	36
96	Secretion of cholesteryl ester-enriched very low density lipoproteins by the liver of cholesterol-fed rabbits. <i>Atherosclerosis</i> , 1985, 54, 145-155.	0.8	34
97	A dose response randomised controlled trial of docosahexaenoic acid (DHA) in preterm infants. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2015, 99, 1-6.	2.3	34
98	Schizophrenia, tardive dyskinesia and essential fatty acids. <i>Schizophrenia Research</i> , 1996, 20, 287-294.	2.1	33
99	Selenium status of preterm infants: the effect of postnatal age and method of feeding. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 1997, 86, 281-288.	1.5	33
100	Maternal Omega-3 Supplementation Increases Fat Mass in Male and Female Rat Offspring. <i>Frontiers in Genetics</i> , 2011, 2, 48.	2.3	33
101	The effect of dietary lipids on the thermotropic behaviour of rat liver and heart mitochondrial membrane lipids. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1983, 734, 114-124.	2.7	32
102	Effect of dietary oils on the production of n $\omega$ -3 and n $\omega$ -6 metabolites of leukocyte 5-lipoxygenase in five rat strains. <i>Lipids and Lipid Metabolism</i> , 1990, 1043, 253-258.	2.3	32
103	Long-Chain Polyunsaturated Fatty Acids in Breast Milk. <i>Advances in Experimental Medicine and Biology</i> , 2001, 501, 375-383.	0.0	31
104	Estimation of the Volume of Blood in a Small Disc Punched From a Dried Blood Spot Card. <i>European Journal of Lipid Science and Technology</i> , 2018, 120, 1700362.	1.9	30
105	Incorporation and effects of dietary eicosapentaenoate (20 : 5(n $\omega$ 3)) on plasma and erythrocyte lipids of the marmoset following dietary supplementation with differing levels of linoleic acid. <i>Lipids and Lipid Metabolism</i> , 1990, 1045, 164-173.	2.3	29
106	VARIATIONS IN TRANSFORMING GROWTH FACTOR BETA IN HUMAN MILK ARE NOT RELATED TO LEVELS IN PLASMA. <i>Cytokine</i> , 2002, 17, 182-186.	3.2	29
107	A validated method for analyzing polyunsaturated free fatty acids from dried blood spots using LC-MS/MS. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2017, 125, 1-7.	2.3	29
108	Effects of diets enriched in linoleic acid and its peroxidation products on brain fatty acids, oxylipins, and aldehydes in mice. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2018, 1863, 1206-1213.	2.6	29

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109	Changes in the Composition of the Gut Microbiota and the Blood Transcriptome in Preterm Infants at Less than 29 Weeks Gestation Diagnosed with Bronchopulmonary Dysplasia. <i>MSystems</i> , 2019, 4, .	4.1	29
110	Omega-3 fatty acids ameliorate vascular inflammation: A rationale for their atheroprotective effects. <i>Atherosclerosis</i> , 2021, 324, 27-37.	0.8	29
111	Potential Link Between Dietary Intake of Fatty Acids and Behavior: Pilot Exploration of Serum Lipids in Attention-Deficit Hyperactivity Disorder. <i>Journal of Child and Adolescent Psychopharmacology</i> , 1994, 4, 171-182.	1.4	28
112	Mitochondrial membrane fatty acid composition in the marmoset monkey following dietary lipid supplementation. <i>Lipids</i> , 1986, 21, 315-323.	1.8	27
113	Perinatal Maternal Dietary Supplementation of $\omega$ -3-Fatty Acids Transiently Affects Bone Marrow Microenvironment, Osteoblast and Osteoclast Formation, and Bone Mass in Male Offspring. <i>Endocrinology</i> , 2012, 153, 2455-2465.	2.8	27
114	A randomized controlled clinical trial of increased dietary iron in breast-fed infants. <i>Journal of Pediatrics</i> , 1998, 133, 559-562.	2.2	26
115	Duration of breast-feeding and Bayley's Mental Developmental Index at 1 year of age. <i>Journal of Paediatrics and Child Health</i> , 1999, 35, 82-85.	0.8	26
116	Human milk intake in preterm infants and neurodevelopment at 18 months corrected age. <i>Pediatric Research</i> , 2016, 80, 486-492.	2.4	26
117	Paradoxical effect of n <sup>3</sup> -containing vegetable oils on long-chain n <sup>3</sup> fatty acids in rat heart. <i>Lipids</i> , 2005, 40, 995-998.	1.8	25
118	The N3RO trial: a randomised controlled trial of docosahexaenoic acid to reduce bronchopulmonary dysplasia in preterm infants <math>\leq 29\text{ weeks}</math> gestation. <i>BMC Pediatrics</i> , 2016, 16, 72.	1.7	25
119	Associations of Maternal Milk Feeding With Neurodevelopmental Outcomes at 7 Years of Age in Former Preterm Infants. <i>JAMA Network Open</i> , 2022, 5, e2221608.	6.0	25
120	Visual acuity and retinal function in infant monkeys fed long-chain PUFA. <i>Lipids</i> , 2002, 37, 839-848.	1.8	24
121	Dietary omega-3 polyunsaturated fatty acid does not influence the intestinal microbial communities of broiler chickens. <i>Poultry Science</i> , 2009, 88, 2399-2405.	3.5	24
122	Development of a Fish Cell Culture Model to Investigate the Impact of Fish Oil Replacement on Lipid Peroxidation. <i>Lipids</i> , 2011, 46, 753-764.	1.8	24
123	Heterogeneity in cord blood DHA concentration: Towards an explanation. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2014, 91, 135-140.	2.3	24
124	A reduced cost strategy for enriching chicken meat with omega-3 long chain polyunsaturated fatty acids using dietary flaxseed oil. <i>British Poultry Science</i> , 2017, 58, 283-289.	1.7	24
125	Inhibition of human neutrophil leukotriene B <sub>4</sub> synthesis in essential fatty acid deficiency: Role of leukotriene a hydrolase. <i>Lipids</i> , 1994, 29, 151-155.	1.8	23
126	Human milk fatty acids from lactating mothers of preterm infants: A study revealing wide intra- and inter-individual variation. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2010, 83, 9-13.	2.3	23



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127	Gamma linolenic acid (GLA) content of encapsulated evening primrose oil products. <i>Lipids</i> , 1992, 27, 82-84.	1.8	22
128	Differences in fatty acid composition of immature and mature articular cartilage in humans and sheep. <i>Lipids</i> , 1995, 30, 949-953.	1.8	22
129	Dietary (n-9) Eicosatrienoic Acid from a Cultured Fungus Inhibits Leukotriene B4 Synthesis in Rats and the Effect Is Modified by Dietary Linoleic Acid. <i>Journal of Nutrition</i> , 1996, 126, 1534-1540.	2.7	22
130	Long-chain polyunsaturated fatty acids and infant development. <i>Lancet, The</i> , 1999, 354, 1919-1920.	12.1	22
131	Iodine status of postpartum women and their infants in Australia after the introduction of mandatory iodine fortification. <i>British Journal of Nutrition</i> , 2017, 117, 1656-1662.	2.7	22
132	Designer laying hen diets to improve egg fatty acid profile and maintain sensory quality. <i>Food Science and Nutrition</i> , 2013, 1, 324-335.	3.5	21
133	Effect of n-3 and n-6 dietary fats on the lipoxygenase products from stimulated rat neutrophils. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 1992, 46, 87-91.	2.3	20
134	Perinatal characteristics may influence the outcome of visual acuity. <i>Lipids</i> , 2001, 36, 897-900.	1.8	20
135	Routine Iron Supplementation in Pregnancy Has No Effect on Iron Status of Children at Six Months and Four Years of Age. <i>Journal of Pediatrics</i> , 2007, 151, 438-440.	2.2	20
136	Δ <sup>6</sup> Desaturase mRNA Abundance in HepG2 Cells Is Suppressed by Unsaturated Fatty Acids. <i>Lipids</i> , 2008, 43, 91-95.	1.8	20
137	Study protocol for a randomised controlled trial evaluating the effect of prenatal omega-3 LCPUFA supplementation to reduce the incidence of preterm birth: the ORIP trial. <i>BMJ Open</i> , 2017, 7, e018360.	2.1	20
138	The Effect of Different Dietary Fats on the Fatty Acid Composition of Several Tissues in Broiler Chickens. <i>European Journal of Lipid Science and Technology</i> , 2018, 120, 1700237.	1.9	20
139	Comparison of Human Milk Fatty Acid Composition of Women From Cambodia and Australia. <i>Journal of Human Lactation</i> , 2018, 34, 585-591.	1.7	20
140	Characterization of Fatty Acid Clearance in Premature Neonates during Intralipid Infusion. <i>Pediatric Research</i> , 1998, 43, 245-249.	2.4	20
141	Indicators of selenium status in Australian infants. <i>Journal of Paediatrics and Child Health</i> , 2000, 36, 370-374.	0.8	19
142	A biomarker of n-3 compliance in patients taking fish oil for rheumatoid arthritis. <i>Lipids</i> , 2003, 38, 419-424.	1.8	19
143	Carbohydrate intake is the main determinant of growth in infants born <math>\leq 33</math> weeks' gestation when protein intake is adequate. <i>Nutrition</i> , 2008, 24, 451-457.	2.6	19
144	Vitamin D in preterm infants: A prospective observational study. <i>Journal of Paediatrics and Child Health</i> , 2015, 51, 679-681.	0.8	19

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