Robert A Gibson

List of Publications by Year
in descending order

290 papers	13,238 citations	20759 60 h-index	30848 102 g-index
293 all docs	293 docs citations	293 times ranked	11836 citing authors

#	Article	IF	Citations
1	Translating n-3 polyunsaturated fatty acid status from whole blood to plasma and red blood cells during pregnancy. Prostaglandins Leukotrienes and Essential Fatty Acids, 2022, 176, 102367.	1.0	5
2	A rapid method for the screening of fatty acids in lipids in plasma or serum without prior extraction. Prostaglandins Leukotrienes and Essential Fatty Acids, 2022, 178, 102416.	1.0	2
3	The Role of Long-Chain Polyunsaturated Fatty Acids in Very Preterm Nutrition. Nestle Nutrition Institute Workshop Series, 2022, 96, 107-115.	1.5	0
4	A Systematic Review of Vitamin D during Pregnancy and Postnatally and Symptoms of Depression in the Antenatal and Postpartum Period from Randomized Controlled Trials and Observational Studies. Nutrients, 2022, 14, 2300.	1.7	2
5	Associations of Maternal Milk Feeding With Neurodevelopmental Outcomes at 7 Years of Age in Former Preterm Infants. JAMA Network Open, 2022, 5, e2221608.	2.8	17
6	Effect of parenteral lipid emulsion on preterm infant PUFAs and their downstream metabolites. Prostaglandins Leukotrienes and Essential Fatty Acids, 2021, 164, 102217.	1.0	5
7	Protocol for assessing whether cognition of preterm infants <29 weeksâ€™ gestation can be improved by an intervention with the omega-3 long-chain polyunsaturated fatty acid docosahexaenoic acid (DHA): a follow-up of a randomised controlled trial. BMJ Open, 2021, 11, e041597.	0.8	6
8	New Methodologies for Conducting Maternal, Infant, and Child Nutrition Research in the Era of COVID-19. Nutrients, 2021, 13, 941.	1.7	5
9	Fingertip Whole Blood as an Indicator of Omega-3 Long-Chain Polyunsaturated Fatty Acid Changes during Dose-Response Supplementation in Women: Comparison with Plasma and Erythrocyte Fatty Acids. Nutrients, 2021, 13, 1419.	1.7	3
10	Omega-3 fatty acids ameliorate vascular inflammation: A rationale for their atheroprotective effects. Atherosclerosis, 2021, 324, 27-37.	0.4	25
11	Protocol for assessing if behavioural functioning of infants born <29 weeksâ€™ gestation is improved by omega-3 long-chain polyunsaturated fatty acids: follow-up of a randomised controlled trial. BMJ Open, 2021, 11, e044740.	0.8	6
12	Plasma longâ€chain omegaâ€3 fatty acid status and risk of recurrent early spontaneous preterm birth: a prospective observational study. Acta Obstetricia Et Gynecologica Scandinavica, 2021, 100, 1401-1411.	1.3	3
13	Omega-3 fatty acid levels and sensory quality of eggs following consumption of alpha-linolenic acid enriched diets. Food Research, 2021, 5, 57-64.	0.3	1
14	Circulating fatty acids and risk of gestational diabetes mellitus: prospective analyses in China. European Journal of Endocrinology, 2021, 185, 87-97.	1.9	28
15	The Influence of Prenatal DHA Supplementation on Individual Domains of Behavioral Functioning in School-Aged Children: Follow-Up of a Randomized Controlled Trial. Nutrients, 2021, 13, 2996.	1.7	1
16	Old and new adventures with fatty acids and their oxylipins: The road towards personalised clinical nutrition. OCL - Oilseeds and Fats, Crops and Lipids, 2021, 28, 49.	0.6	0
17	Cross-sectional association of seafood consumption, polyunsaturated fatty acids and depressive symptoms in two Torres Strait communities. Nutritional Neuroscience, 2020, 23, 353-362.	1.5	8
18	Does maternal smoking in pregnancy explain the differences in the body composition trajectory between breastfed and formula-fed infants?. British Journal of Nutrition, 2020, 123, 402-409.	1.2	3

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19	Plasma oxylipins and unesterified precursor fatty acids are altered by DHA supplementation in pregnancy: Can they help predict risk of preterm birth?. Prostaglandins Leukotrienes and Essential Fatty Acids, 2020, 153, 102041.	1.0	16
20	Intravenous fat induces changes in PUFA and their bioactive metabolites: Comparison between Japanese and Australian preterm infants. Prostaglandins Leukotrienes and Essential Fatty Acids, 2020, 156, 102026.	1.0	8
21	A simple system for measuring the level of free fatty acids in human milk collected as dried milk spot. Prostaglandins Leukotrienes and Essential Fatty Acids, 2020, 158, 102035.	1.0	5
22	A Randomized Trial of Prenatal n-3 Fatty Acid Supplementation and Preterm Delivery. Obstetric Anesthesia Digest, 2020, 40, 40-41.	0.0	0
23	Free Fatty Acid Concentration in Expressed Breast Milk Used in Neonatal Intensive Care Units. Breastfeeding Medicine, 2020, 15, 718-723.	0.8	0
24	The efficacy and safety of peripheral intravenous parenteral nutrition vs 10% glucose in preterm infants born 30 to 33â€‰weeksâ€™ gestation: a randomised controlled trial. BMC Pediatrics, 2020, 20, 384.	0.7	6
25	Measuring thiamine status in dried blood spots. Clinica Chimica Acta, 2020, 509, 52-59.	0.5	6
26	High Variability in Erythrocyte, Plasma and Whole Blood EPA and DHA Levels in Response to Supplementation. Nutrients, 2020, 12, 1017.	1.7	13
27	A rapid method for the separation of the phospholipids from the neutral lipids in plasma. Prostaglandins Leukotrienes and Essential Fatty Acids, 2020, 157, 102096.	1.0	4
28	A Randomized Trial of Prenatal nâˆ’3 Fatty Acid Supplementation and Preterm Delivery. New England Journal of Medicine, 2019, 381, 1035-1045.	13.9	60
29	The role of long chain polyunsaturated fatty acids in perinatal nutrition. Seminars in Perinatology, 2019, 43, 151156.	1.1	11
30	Serial fatty acid profiles in a preterm infant with longâ€chain 3â€hydroxyacylâ€CoA dehydrogenase deficiency. Pediatrics International, 2019, 61, 415-416.	0.2	1
31	Docosahexaenoic acid supplementation of preterm infants and parent-reported symptoms of allergic disease at 7 years corrected age: follow-up of a randomized controlled trial. American Journal of Clinical Nutrition, 2019, 109, 1600-1610.	2.2	6
32	Changes to breast milk fatty acid composition during storage, handling and processing: A systematic review. Prostaglandins Leukotrienes and Essential Fatty Acids, 2019, 146, 1-10.	1.0	33
33	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. MSystems, 2019, 4, .	1.7	23
34	Interlaboratory Assessment of Dried Blood Spot Fatty Acid Compositions. Lipids, 2019, 54, 755-761.	0.7	10
35	Oxylipins and Free Fatty Acids in Parenteral Lipid Emulsions Currently Used in Preterm Infant Care. Journal of Pediatric Gastroenterology and Nutrition, 2019, 69, 231-234.	0.9	3
36	Maternal obesity-induced decreases in plasma, hepatic and uterine polyunsaturated fatty acids during labour is reversed through improved nutrition at conception. Scientific Reports, 2018, 8, 3389.	1.6	5

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37	Musings about the role dietary fats after 40 years of fatty acid research. Prostaglandins Leukotrienes and Essential Fatty Acids, 2018, 131, 1-5.	1.0	8
38	The Effect of Different Dietary Fats on the Fatty Acid Composition of Several Tissues in Broiler Chickens. European Journal of Lipid Science and Technology, 2018, 120, 1700237.	1.0	16
39	Estimation of the Volume of Blood in a Small Disc Punched From a Dried Blood Spot Card. European Journal of Lipid Science and Technology, 2018, 120, 1700362.	1.0	29
40	Effect of Low Dose Docosahexaenoic Acid-Rich Fish Oil on Plasma Lipids and Lipoproteins in Pre-Menopausal Women: A Doseâ€“Response Randomized Placebo-Controlled Trial. Nutrients, 2018, 10, 1460.	1.7	9
41	Comparison of breast milk fatty acid composition from mothers of premature infants of three countries using novel dried milk spot technology. Prostaglandins Leukotrienes and Essential Fatty Acids, 2018, 139, 3-8.	1.0	6
42	Comparison of Human Milk Fatty Acid Composition of Women From Cambodia and Australia. Journal of Human Lactation, 2018, 34, 585-591.	0.8	20
43	Effects of diets enriched in linoleic acid and its peroxidation products on brain fatty acids, oxylipins, and aldehydes in mice. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2018, 1863, 1206-1213.	1.2	27
44	Dietary Protein Intake, Breast Feeding and Growth in Human Milk Fed Preterm Infants. International Journal of Environmental Research and Public Health, 2018, 15, 1196.	1.2	4
45	Relationship between the fatty acid composition of uropygial gland secretion and blood of meat chickens receiving different dietary fats. Animal Production Science, 2018, 58, 828.	0.6	5
46	A stable method for routine analysis of oxylipins from dried blood spots using ultra-high performance liquid chromatographyâ€“tandem mass spectrometry. Prostaglandins Leukotrienes and Essential Fatty Acids, 2018, 137, 12-18.	1.0	12
47	A reduced cost strategy for enriching chicken meat with omega-3 long chain polyunsaturated fatty acids using dietary flaxseed oil. British Poultry Science, 2017, 58, 283-289.	0.8	24
48	In ovo exposure to omega-3 fatty acids does not enhance omega-3 long-chain polyunsaturated fatty acid metabolism in broiler chickens. Journal of Developmental Origins of Health and Disease, 2017, 8, 520-528.	0.7	4
49	Docosahexaenoic Acid and Bronchopulmonary Dysplasia in Preterm Infants. New England Journal of Medicine, 2017, 376, 1245-1255.	13.9	135
50	Comparison of breast-milk iodine concentration of lactating women in Australia pre and post mandatory iodine fortification. Public Health Nutrition, 2017, 20, 12-17.	1.1	10
51	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. BMJ Open, 2017, 7, e018360.	0.8	20
52	A validated method for analyzing polyunsaturated free fatty acids from dried blood spots using LCâ€“MS/MS. Prostaglandins Leukotrienes and Essential Fatty Acids, 2017, 125, 1-7.	1.0	27
53	Iodine status of postpartum women and their infants in Australia after the introduction of mandatory iodine fortification. British Journal of Nutrition, 2017, 117, 1656-1662.	1.2	22
54	Comparison of dichotomized and distributional approaches in rare event clinical trial design: a fixed Bayesian design. Journal of Applied Statistics, 2017, 44, 1466-1478.	0.6	5

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55	Association of cord blood vitamin D with early childhood growth and neurodevelopment. Journal of Paediatrics and Child Health, 2017, 53, 75-83.	0.4	43
56	Perspective: Improving Nutritional Guidelines for Sustainable Health Policies: Current Status and Perspectives. Advances in Nutrition, 2017, 8, 532-545.	2.9	51
57	Differentiation ofBifidobacterium longumsubspecieslongumandinfantisby quantitative PCR using functional gene targets. PeerJ, 2017, 5, e3375.	0.9	42
58	Does n-3 LCPUFA supplementation during pregnancy increase the IQ of children at school age? Follow-up of a randomised controlled trial. BMJ Open, 2016, 6, e011465.	0.8	16
59	Effect of dietary ALA on growth rate, feed conversion ratio, mortality rate and breast meat omega-3 LCPUFA content in broiler chickens. Animal Production Science, 2016, 56, 815.	0.6	14
60	The N3RO trial: a randomised controlled trial of docosahexaenoic acid to reduce bronchopulmonary dysplasia in preterm infants <â€‰29Âweeksâ€™ gestation. BMC Pediatrics, 2016, 16, 72.	0.7	25
61	Importance of adequate sample sizes in fatty acid intervention trials. Prostaglandins Leukotrienes and Essential Fatty Acids, 2016, 107, 8-11.	1.0	7
62	Targeting inflammation in the preterm infant: The role of the omega-3 fatty acid docosahexaenoic acid. Journal of Nutrition & Intermediary Metabolism, 2016, 5, 55-60.	1.7	11
63	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.	2.2	39
64	Effect of prenatal DHA supplementation on the infant epigenome: results from a randomized controlled trial. Clinical Epigenetics, 2016, 8, 114.	1.8	74
65	Long-chain polyunsaturated fatty acid (LCPUFA) requirement for brain development: A personal view. OCL - Oilseeds and Fats, Crops and Lipids, 2016, 23, D115.	0.6	0
66	Human milk intake in preterm infants and neurodevelopment at 18 months corrected age. Pediatric Research, 2016, 80, 486-492.	1.1	26
67	Lipid Quality in Infant Nutrition. Journal of Pediatric Gastroenterology and Nutrition, 2015, 61, 8-17.	0.9	225
68	Dietary Effects on Plasma Glycerophospholipids. Journal of Pediatric Gastroenterology and Nutrition, 2015, 61, 367-372.	0.9	6
69	Vitamin <scp>D</scp> in preterm infants: A prospective observational study. Journal of Paediatrics and Child Health, 2015, 51, 679-681.	0.4	19
70	Vitamin <scp>D</scp> status and its predictors among preâ€school children in <scp>A</scp>delaide. Journal of Paediatrics and Child Health, 2015, 51, 614-619.	0.4	12
71	Association of cord blood vitamin D at delivery with postpartum depression in Australian women. Australian and New Zealand Journal of Obstetrics and Gynaecology, 2015, 55, 446-452.	0.4	21
72	Can we identify women who initiate and then prematurely cease breastfeeding? An Australian multicentre cohort study. International Breastfeeding Journal, 2015, 10, 16.	0.9	13

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73	Effect of waxy flour blends on dough rheology and bread quality. International Journal of Food Science and Technology, 2015, 50, 926-933.	1.3	16
74	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. Prostaglandins Leukotrienes and Essential Fatty Acids, 2015, 95, 47-55.	1.0	64
75	A dose response randomised controlled trial of docosahexaenoic acid (DHA) in preterm infants. Prostaglandins Leukotrienes and Essential Fatty Acids, 2015, 99, 1-6.	1.0	34
76	Core Data Necessary for Reporting Clinical Trials on Nutrition in Infancy. Annals of Nutrition and Metabolism, 2015, 66, 31-35.	1.0	7
77	Evaluation of contamination associated with current blood spot technology for determining the fatty acid status of individuals. European Journal of Lipid Science and Technology, 2015, 117, 1280-1286.	1.0	6
78	Neurodevelopmental outcomes at 7 years' corrected age in preterm infants who were fed high-dose docosahexaenoic acid to term equivalent: a follow-up of a randomised controlled trial. BMJ Open, 2015, 5, e007314-e007314.	0.8	84
79	Analysis of hospital cost outcome of DHA-rich fish-oil supplementation in pregnancy: Evidence from a randomized controlled trial. Prostaglandins Leukotrienes and Essential Fatty Acids, 2015, 102-103, 5-11.	1.0	12
80	Robust measurement of vitamin A status in plasma and blood dried on paper. Prostaglandins Leukotrienes and Essential Fatty Acids, 2015, 102-103, 31-36.	1.0	13
81	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.	1.5	39
82	Circulating Fatty Acids and Prostate Cancer Risk: Individual Participant Meta-Analysis of Prospective Studies. Journal of the National Cancer Institute, 2014, 106, .	3.0	49
83	U-shaped relationship between tissue docosahexaenoic acid and atrial fibrillation following cardiac surgery. European Journal of Clinical Nutrition, 2014, 68, 114-118.	1.3	16
84	Four-Year Follow-up of Children Born to Women in a Randomized Trial of Prenatal DHA Supplementation. JAMA - Journal of the American Medical Association, 2014, 311, 1802.	3.8	60
85	Nutritional adequacy of goat milk infant formulas for term infants: a double-blind randomised controlled trial. British Journal of Nutrition, 2014, 111, 1641-1651.	1.2	67
86	Iodine status in preâ€school children prior to mandatory iodine fortification in Australia. Maternal and Child Nutrition, 2014, 10, 304-312.	1.4	5
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.	1.0	39
88	Effect of dietary canola oil on longâ€chain omegaâ€3 fatty acid content in broiler hearts. Journal of Animal Physiology and Animal Nutrition, 2014, 98, 235-238.	1.0	2
89	A method for long term stabilisation of long chain polyunsaturated fatty acids in dried blood spots and its clinical application. Prostaglandins Leukotrienes and Essential Fatty Acids, 2014, 91, 251-260.	1.0	90
90	Heterogeneity in cord blood DHA concentration: Towards an explanation. Prostaglandins Leukotrienes and Essential Fatty Acids, 2014, 91, 135-140.	1.0	24

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91	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.	1.4	176
92	Dietary alpha-linolenic acid does not enhance accumulation of omega-3 long-chain polyunsaturated fatty acids in barramundi (Lates calcarifer). Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2013, 164, 29-37.	0.7	14
93	Functional Characterization of the Chicken Fatty Acid Elongases. Journal of Nutrition, 2013, 143, 12-16.	1.3	59
94	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.	1.0	43
95	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.	1.0	143
96	Dietary and ontogenic regulation of fatty acid desaturase and elongase expression in broiler chickens. Prostaglandins Leukotrienes and Essential Fatty Acids, 2013, 89, 107-113.	1.0	35
97	Respiratory hospitalisation of infants supplemented with docosahexaenoic acid as preterm neonates. Journal of Paediatrics and Child Health, 2013, 49, E17-22.	0.4	12
98	Incorporating macadamia oil and butter to reduce dietary omegaâ€6 polyunsaturated fatty acid intake. Nutrition and Dietetics, 2013, 70, 94-100.	0.9	7
99	Early Influences of Nutrition on Fetal Growth. Nestle Nutrition Institute Workshop Series, 2013, 71, 1-9.	1.5	1
100	Effect of iodine supplementation in pregnancy on child development and other clinical outcomes: a systematic review of randomized controlled trials. American Journal of Clinical Nutrition, 2013, 98, 1241-1254.	2.2	110
101	Improving the Neurodevelopmental Outcomes of Low-Birthweight Infants. Nestle Nutrition Institute Workshop Series, 2013, 74, 211-221.	1.5	10
102	Randomized controlled trial of fish oil supplementation in pregnancy on childhood allergies. Allergy: European Journal of Allergy and Clinical Immunology, 2013, 68, 1370-1376.	2.7	75
103	Plasma phospholipid fatty acids, dietary fatty acids and prostate cancer risk. International Journal of Cancer, 2013, 133, 1882-1891.	2.3	43
104	Designer laying hen diets to improve egg fatty acid profile and maintain sensory quality. Food Science and Nutrition, 2013, 1, 324-335.	1.5	19
105	Prediction of body water compartments in preterm infants by bioelectrical impedance spectroscopy. European Journal of Clinical Nutrition, 2013, 67, S47-S53.	1.3	37
106	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. Poultry Science, 2012, 91, 701-711.	1.5	83
107	Perinatal Maternal Dietary Supplementation of Ï‰3-Fatty Acids Transiently Affects Bone Marrow Microenvironment, Osteoblast and Osteoclast Formation, and Bone Mass in Male Offspring. Endocrinology, 2012, 153, 2455-2465.	1.4	27
108	Effect of n-3 long chain polyunsaturated fatty acid supplementation in pregnancy on infants' allergies in first year of life: randomised controlled trial. BMJ: British Medical Journal, 2012, 344, e184-e184.	2.4	188

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109	Association of TMPRSS6 polymorphisms with ferritin, hemoglobin, and type 2 diabetes risk in a Chinese Han population. American Journal of Clinical Nutrition, 2012, 95, 626-632.	2.2	53
110	Effect of increasing protein content of human milk fortifier on growth in preterm infants born at <31 wk gestation: a randomized controlled trial. American Journal of Clinical Nutrition, 2012, 95, 648-655.	2.2	69
111	Fish-oil supplementation in pregnancy does not reduce the risk of gestational diabetes or preeclampsia. American Journal of Clinical Nutrition, 2012, 95, 1378-1384.	2.2	106
112	An alternative n-3 fatty acid elongation pathway utilising 18:3n-3 in barramundi (Lates calcarifer). Biochemical and Biophysical Research Communications, 2012, 423, 176-182.	1.0	12
113	Fatty Acid Profile and Sensory Characteristics of Table Eggs from Laying Hens Fed Hempseed and Hempseed Oil. Journal of Food Science, 2012, 77, S153-60.	1.5	60
114	Dietary alpha-linolenic acid enhances omega-3 long chain polyunsaturated fatty acid levels in chicken tissues. Prostaglandins Leukotrienes and Essential Fatty Acids, 2012, 87, 103-109.	1.0	61
115	Nutrient intakes and status of preschool children in Adelaide, South Australia. Medical Journal of Australia, 2012, 196, 696-700.	0.8	37
116	Barramundi (Lates calcarifer) desaturase with Î”6/Î”8 dual activities. Biotechnology Letters, 2012, 34, 1283-1296.	1.1	18
117	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. Prostaglandins Leukotrienes and Essential Fatty Acids, 2011, 85, 83-88.	1.0	53
118	Letter to the Editor. Prostaglandins Leukotrienes and Essential Fatty Acids, 2011, 85, 403-404.	1.0	5
119	Maternal Omega-3 Supplementation Increases Fat Mass in Male and Female Rat Offspring. Frontiers in Genetics, 2011, 2, 48.	1.1	33
120	Elongase Reactions as Control Points in Long-Chain Polyunsaturated Fatty Acid Synthesis. PLoS ONE, 2011, 6, e29662.	1.1	140
121	Effect of DHA Supplementation During Pregnancy on Maternal Depression and Neurodevelopment of Young Children: A Randomized Controlled Trial. Obstetrical and Gynecological Survey, 2011, 66, 79-81.	0.2	5
122	Conversion of linoleic acid and alphaâ€linolenic acid to longâ€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.	1.4	194
123	Impact of fatty acid status on growth and neurobehavioural development in humans. Maternal and Child Nutrition, 2011, 7, 80-88.	1.4	72
124	Effect of Dietary Fish Oil on Atrial Fibrillation After Cardiac Surgery. American Journal of Cardiology, 2011, 108, 851-856.	0.7	94
125	Development of a Fish Cell Culture Model to Investigate the Impact of Fish Oil Replacement on Lipid Peroxidation. Lipids, 2011, 46, 753-764.	0.7	24
126	The DINO trial â€“ challenges for translation into clinical practice. Lipid Technology, 2011, 23, 200-202.	0.3	2

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127	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.	1.2	37
128	Fatty acid desaturase 2 promoter mutation is not responsible for Î”6-desaturase deficiency. European Journal of Human Genetics, 2011, 19, 1202-1204.	1.4	5
129	Maternal supplementation with docosahexaenoic acid during pregnancy does not affect early visual development in the infant: a randomized controlled trial. American Journal of Clinical Nutrition, 2011, 93, 1293-1299.	2.2	46
130	Maternal Depression and Child Development After Prenatal DHA Supplementationâ€”Reply. JAMA - Journal of the American Medical Association, 2011, 305, 359.	3.8	0
131	Infant Growth Before and After Term: Effects on Neurodevelopment in Preterm Infants. Pediatrics, 2011, 128, e899-e906.	1.0	281
132	High-Dose Docosahexaenoic Acid Supplementation of Preterm Infants: Respiratory and Allergy Outcomes. Pediatrics, 2011, 128, e71-e77.	1.0	116
133	Milk Fat and Health Consequences. Nestle Nutrition Workshop Series Paediatric Programme, 2011, 67, 197-207.	1.5	9
134	Modeling the Term Structure of Interest Rates: A Review of the Literature. Foundations and Trends in Finance, 2010, 5, 1-156.	1.7	11
135	Higher protein and energy intake is associated with increased weight gain in preâ€•term infants. Journal of Paediatrics and Child Health, 2010, 46, 96-102.	0.4	16
136	Effect of DHA Supplementation During Pregnancy on Maternal Depression and Neurodevelopment of Young Children. JAMA - Journal of the American Medical Association, 2010, 304, 1675.	3.8	462
137	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. American Journal of Clinical Nutrition, 2010, 91, 628-634.	2.2	60
138	Effect of long-chain polyunsaturated fatty acid supplementation during pregnancy or lactation on infant and child body composition: a systematic review. American Journal of Clinical Nutrition, 2010, 92, 857-863.	2.2	64
139	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. Journal of Nutrition and Metabolism, 2010, 2010, 1-9.	0.7	51
140	Relation between blood and atrial fatty acids in patients undergoing cardiac bypass surgery. American Journal of Clinical Nutrition, 2010, 91, 528-534.	2.2	49
141	Evaluation of Dietetic Product Innovations: The Relative Role of Preclinical and Clinical Studies. Nestle Nutrition Workshop Series Paediatric Programme, 2010, 66, 143-150.	1.5	2
142	Cloning and functional characterisation of a fatty acyl elongase from southern bluefin tuna (Thunnus maccoyii). Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2010, 155, 178-185.	0.7	82
143	Human milk fatty acids from lactating mothers of preterm infants: A study revealing wide intra- and inter-individual variation. Prostaglandins Leukotrienes and Essential Fatty Acids, 2010, 83, 9-13.	1.0	23
144	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.	1.0	145

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145	Role of Long-Chain Polyunsaturated Fatty Acids in Neurodevelopment and Growth. Nestle Nutrition Workshop Series Paediatric Programme, 2010, 65, 123-136.	1.5	47
146	Neurodevelopmental Outcomes of Preterm Infants Fed High-Dose Docosahexaenoic Acid. JAMA - Journal of the American Medical Association, 2009, 301, 175.	3.8	329
147	Effects of Moderate-Dose Omega-3 Fish Oil on Cardiovascular Risk Factors and Mood After Ischemic Stroke. Stroke, 2009, 40, 3485-3492.	1.0	48
148	Dietary omega-3 polyunsaturated fatty acid does not influence the intestinal microbial communities of broiler chickens. Poultry Science, 2009, 88, 2399-2405.	1.5	24
149	Article Commentary: Higher Dose of Docosahexaenoic Acid in the Neonatal Period Improves Visual Acuity of Preterm Infants: Results of a Randomized Controlled Trial. Nutrition in Clinical Practice, 2009, 24, 645-646.	1.1	0
150	A reappraisal of the impact of dairy foods and milk fat on cardiovascular disease risk. European Journal of Nutrition, 2009, 48, 191-203.	1.8	213
151	Should we lower the dose of iron when treating anaemia in pregnancy? A randomized doseâ€“response trial. European Journal of Clinical Nutrition, 2009, 63, 183-190.	1.3	64
152	Neurodevelopmental Outcomes of Preterm Infants Fed High-Dose Docosahexaenoic Acid: A Randomized Controlled Trial. Obstetrical and Gynecological Survey, 2009, 64, 297-298.	0.2	4
153	The effect of dairy foods on CHD: a systematic review of prospective cohort studies. British Journal of Nutrition, 2009, 102, 1267-1275.	1.2	58
154	Safety of supplementing infant formula with long-chain polyunsaturated fatty acids and Bifidobacterium lactis in term infants: a randomised controlled trial. British Journal of Nutrition, 2009, 101, 1706-1713.	1.2	40
155	Î”6 Desaturase mRNA Abundance in HepG2 Cells Is Suppressed by Unsaturated Fatty Acids. Lipids, 2008, 43, 91-95.	0.7	20
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