J Thomas Brenna

List of Publications by Year
in descending order

287 papers	13,306 citations	20817 60 h-index	32842 100 g-index
296 all docs	296 docs citations	296 times ranked	12220 citing authors

#	Article	IF	Citations
1	Unusual polymethylene-interrupted, Î”5 monounsaturated and omega-3 fatty acids in sea urchin (Arbacia) Tj ETQq1 1 0.784314 rgBT O ionization mass spectrometry. Food Chemistry, 2022, 371, 131131.	8.2	7
2	Low linoleic acid foods with added DHA given to Malawian children with severe acute malnutrition improve cognition: a randomized, triple-blinded, controlled clinical trial. American Journal of Clinical Nutrition, 2022, 115, 1322-1333.	4.7	14
3	Deuterated docosahexaenoic acid protects against oxidative stress and geographic atrophyâ€like retinal degeneration in a mouse model with iron overload. Aging Cell, 2022, 21, e13579.	6.7	13
4	Deuterated Arachidonic Acid Ameliorates Lipopolysaccharide-Induced Lung Damage in Mice. Antioxidants, 2022, 11, 681.	5.1	5
5	Inhalation of nebulized omega-3 fatty acids mitigate LPS-induced acute lung inflammation in rats: Implications for treatment of COPD and COVID-19. Prostaglandins Leukotrienes and Essential Fatty Acids, 2022, 179, 102426.	2.2	6
6	Neurodevelopment, nutrition and genetics. A contemporary retrospective on neurocognitive health on the occasion of the 100th anniversary of the National Institute of Nutrition, Hyderabad, India. Prostaglandins Leukotrienes and Essential Fatty Acids, 2022, 180, 102427.	2.2	2
7	New understandings of the pathway of long-chain polyunsaturated fatty acid biosynthesis. Current Opinion in Clinical Nutrition and Metabolic Care, 2022, 25, 60-66.	2.5	15
8	Statin therapy upregulates arachidonic acid status via enhanced endogenous synthesis in patients with plaque psoriasis. Prostaglandins Leukotrienes and Essential Fatty Acids, 2022, 180, 102428.	2.2	3
9	Polyunsaturated fatty acids and fatty acid-derived lipid mediators: Recent advances in the understanding of their biosynthesis, structures, and functions. Progress in Lipid Research, 2022, 86, 101165.	11.6	164
10	Prenatal choline supplementation improves biomarkers of maternal docosahexaenoic acid (DHA) status among pregnant participants consuming supplemental DHA: a randomized controlled trial. American Journal of Clinical Nutrition, 2022, 116, 820-832.	4.7	7
11	Effect of ultrasonic treatment on the physicochemical properties and oxidative stability of phospholipids in emulsion system. Journal of Food Process Engineering, 2021, 44, .	2.9	0
12	Genome-wide association study of fish oil supplementation on lipid traits in 81,246 individuals reveals new gene-diet interaction loci. PLoS Genetics, 2021, 17, e1009431.	3.5	24
13	FACS 2019: Fatty Acid Metabolism and Oxidation. Prostaglandins Leukotrienes and Essential Fatty Acids, 2021, 170, 102266.	2.2	0
14	Emergent Freshwater Insects Serve as Subsidies of Methylmercury and Beneficial Fatty Acids for Riparian Predators Across an Agricultural Gradient. Environmental Science & Technology, 2021, 55, 5868-5877.	10.0	17
15	Safety and Efficacy of Sodium and Potassium Arachidonic Acid Salts in the Young Pig. Nutrients, 2021, 13, 1482.	4.1	5
16	Toward Quantitative Sequencing of Deuteration of Unsaturated Hydrocarbon Chains in Fatty Acids. Analytical Chemistry, 2021, 93, 8238-8247.	6.5	9
17	Acyl-CoA synthetase 6 is required for brain docosahexaenoic acid retention and neuroprotection during aging. JCI Insight, 2021, 6, .	5.0	16
18	Aspirin and omega-3 fatty acid status interact in the prevention of cardiovascular diseases in Framingham Heart Study. Prostaglandins Leukotrienes and Essential Fatty Acids, 2021, 169, 102283.	2.2	3

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19	Breast milk EPA associated with infant distractibility when EPA level is low. Nutrition, 2021, 86, 111143.	2.4	4
20	Perspective: Moving Toward Desirable Linoleic Acid Content in Infant Formula. Advances in Nutrition, 2021, 12, 2085-2098.	6.4	14
21	The aromatase inhibitor letrozole restores FADS2 function in ER+ MCF7 human breast cancer cells. Prostaglandins Leukotrienes and Essential Fatty Acids, 2021, 171, 102312.	2.2	9
22	Dietary Saturated Fats and Health: Are the U.S. Guidelines Evidence-Based?. Nutrients, 2021, 13, 3305.	4.1	40
23	The microbiome affects liver sphingolipids and plasma fatty acids in a murine model of the Western diet based on soybean oil. Journal of Nutritional Biochemistry, 2021, 97, 108808.	4.2	6
24	Science dialogue mapping of knowledge and knowledge gaps related to the effects of dairy intake on human cardiovascular health and disease. Critical Reviews in Food Science and Nutrition, 2021, 61, 179-195.	10.3	2
25	Single-cell chromatin accessibility and lipid profiling reveals SCD1-dependent metabolic shift in adipocytes induced by bariatric surgery. PLoS ONE, 2021, 16, e0261783.	2.5	0
26	Should formula for infants provide arachidonic acid along with DHA? A position paper of the European Academy of Paediatrics and the Child Health Foundation. American Journal of Clinical Nutrition, 2020, 111, 10-16.	4.7	88
27	FADS3 is a Î”14Z sphingoid base desaturase that contributes to gender differences in the human plasma sphingolipidome. Journal of Biological Chemistry, 2020, 295, 1889-1897.	3.4	64
28	Reproductive state and choline intake influence enrichment of plasma lysophosphatidylcholine-DHA: a post-hoc analysis of a controlled feeding trial â€“ CORRIGENDUM. British Journal of Nutrition, 2020, 123, 120-120.	2.3	1
29	Fatty acid desaturase 2 (FADS2) but not FADS1 desaturates branched chain and odd chain saturated fatty acids. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2020, 1865, 158572.	2.4	25
30	Plasma and Red Blood Cell Membrane Accretion and Pharmacokinetics of RT001 (bis-Allylic) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 307 T Sciences, 2020, 109, 3496-3503.	3.3	16
31	Very Long-Chain Branched-Chain Fatty Acids in Chia Seeds: Implications for Human Use. Journal of Agricultural and Food Chemistry, 2020, 68, 13871-13878.	5.2	13
32	Do Refined Grains Have a Place in a Healthy Dietary Pattern: Perspectives from an Expert Panel Consensus Meeting. Current Developments in Nutrition, 2020, 4, nzaa125.	0.3	5
33	Polyunsaturated fatty acid biosynthesis pathway and genetics. implications for interindividual variability in prothrombotic, inflammatory conditions such as COVID-19âœ°,âœ°âœ°,â˜…,â˜…â˜….... Prostaglandins Leukotrienes and Essential Fatty Acids, 2020, 162, 102183.	2.2	41
34	Fatty acid sentinels as covalently bound randomization standards for triacylglycerol (TAG) quantitative analysis. Rapid Communications in Mass Spectrometry, 2020, 34, e8891.	1.5	1
35	Identification of Polymethylene-Interrupted Polyunsaturated Fatty Acids (PMIâ€“PUFA) by Solvent-Mediated Covalent Adduct Chemical Ionization Triple Quadrupole Tandem Mass Spectrometry. Analytical Chemistry, 2020, 92, 8209-8217.	6.5	15
36	Saturated Fats and Health: AÂReassessment and Proposal for Food-Based Recommendations. Journal of the American College of Cardiology, 2020, 76, 844-857.	2.8	302

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37	The effects of aspirin and N-3 fatty acids on telomerase activity in adults with diabetes mellitus. Nutrition, Metabolism and Cardiovascular Diseases, 2020, 30, 1795-1799.	2.6	8
38	Characterization and Semiquantitative Analysis of Novel Ultratrace C_{10â€“24} Monounsaturated Fatty Acid in Bovine Milkfat by Solvent-Mediated Covalent Adduct Chemical Ionization (CACI) MS/MS. Journal of Agricultural and Food Chemistry, 2020, 68, 7482-7489.	5.2	12
39	Gas Chromatography Chemical Ionization Mass Spectrometry and Tandem Mass Spectrometry for Identification and Straightforward Quantification of Branched Chain Fatty Acids in Foods. Journal of Agricultural and Food Chemistry, 2020, 68, 4973-4980.	5.2	18
40	Acyl-CoA synthetase 6 enriches seminiferous tubules with the Ï‰-3 fatty acid docosahexaenoic acid and is required for male fertility in the mouse. Journal of Biological Chemistry, 2019, 294, 14394-14405.	3.4	28
41	DHA retroconversion revisited: dietary DHA spares endogenous EPA. American Journal of Clinical Nutrition, 2019, 110, 789-790.	4.7	9
42	Aquatic and terrestrial resources are not nutritionally reciprocal for consumers. Functional Ecology, 2019, 33, 2042-2052.	3.6	54
43	Relationships between seafood consumption during pregnancy and childhood and neurocognitive development: Two systematic reviews. Prostaglandins Leukotrienes and Essential Fatty Acids, 2019, 151, 14-36.	2.2	75
44	An abundance of seafood consumption studies presents new opportunities to evaluate effects on neurocognitive development. Prostaglandins Leukotrienes and Essential Fatty Acids, 2019, 151, 8-13.	2.2	14
45	Branched chain fatty acid composition of yak milk and manure during full-lactation and half-lactation. Prostaglandins Leukotrienes and Essential Fatty Acids, 2019, 150, 16-20.	2.2	19
46	Reproductive state and choline intake influence enrichment of plasma lysophosphatidylcholine-DHA: a post hoc analysis of a controlled feeding trial. British Journal of Nutrition, 2019, 122, 1221-1229.	2.3	5
47	Endocrine Hormone Beta-estradiol and Anti-estrogen Letrozole Modulate 20:3 Isomer Production from 20:2n-6 in Human Cancer Cells (P08-119-19). Current Developments in Nutrition, 2019, 3, nzz044.P08-119-19.	0.3	0
48	Potentially High Value Conjugated Linolenic Acids (CLnA) in Melon Seed Waste. Journal of Agricultural and Food Chemistry, 2019, 67, 10306-10312.	5.2	12
49	Identification of genes mediating branched chain fatty acid elongation. FEBS Letters, 2019, 593, 1807-1817.	2.8	14
50	Glycerol derived process contaminants in refined coconut oil induce cholesterol synthesis in HepG2 cells. Food and Chemical Toxicology, 2019, 127, 135-142.	3.6	5
51	Episodic Dietary DHA for Support of Tissue DHA. Journal of Nutrition, 2019, 149, 547-548.	2.9	2
52	Low Temperature Catalytic Combustion Reactors for High Precision Carbon Isotope Measurements in Gas Chromatography Combustion Isotope Ratio Mass Spectrometry. Analytical Chemistry, 2019, 91, 2901-2907.	6.5	4
53	High levels of branched chain fatty acids in nÄtto and other Asian fermented foods. Food Chemistry, 2019, 286, 428-433.	8.2	32
54	Identification of Elongase Genes Mediating Branched Chain Fatty Acid Elongation (P08-108-19). Current Developments in Nutrition, 2019, 3, nzz044.P08-108-19.	0.3	0

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55	Interlaboratory Assessment of Dried Blood Spot Fatty Acid Compositions. Lipids, 2019, 54, 755-761.	1.7	10
56	Structural Identification of Monounsaturated Branched Chain Fatty Acid Methyl Esters by Combination of Electron Ionization and Covalent Adduct Chemical Ionization Tandem Mass Spectrometry. Analytical Chemistry, 2019, 91, 15147-15154.	6.5	20
57	The elongation of very long-chain fatty acid 6 gene product catalyses elongation of n-13 : 0 and n-15 : 0 odd-chain SFA in human cells. British Journal of Nutrition, 2019, 121, 241-248.	2.3	12
58	Dietary pattern regulates fatty acid desaturase 1 gene expression in Indian pregnant women to spare overall long chain polyunsaturated fatty acids levels. Molecular Biology Reports, 2019, 46, 687-693.	2.3	11
59	Conversion efficiency of alpha linolenic acid to omega-3 highly unsaturated fatty acids in aerial insectivore chicks. Journal of Experimental Biology, 2018, 221, .	1.7	22
60	Cryofocus fast gas chromatography combustion isotope ratio mass spectrometry for rapid detection of synthetic steroid use in sport doping. Analyst, The, 2018, 143, 1124-1132.	3.5	13
61	Highâ€volume steroid isotopic standards developed as working standards for gas chromatographyâ€“combustionâ€“isotope ratio mass spectrometry. Drug Testing and Analysis, 2018, 10, 781-785.	2.6	2
62	The role of fatty acid desaturase (FADS) genes in oleic acid metabolism: FADS1 Î”7 desaturates 11-20:1 to 7,11-20:2. Prostaglandins Leukotrienes and Essential Fatty Acids, 2018, 128, 21-25.	2.2	34
63	BCFA-enriched vernix-monoacylglycerol reduces LPS-induced inflammatory markers in human enterocytes in vitro. Pediatric Research, 2018, 83, 874-879.	2.3	32
64	Oleogel-structured composite for the stabilization of Ï‰3 fatty acids in fish oil. Food and Function, 2018, 9, 5598-5606.	4.6	20
65	Associations of plasma very-long-chain SFA and the metabolic syndrome in adults. British Journal of Nutrition, 2018, 120, 855-862.	2.3	4
66	A rare eicosanoid precursor analogue, sciadonic acid (5Z,11Z,14Zâ€“20:3), detected in vivo in hormone positive breast cancer tissue. Prostaglandins Leukotrienes and Essential Fatty Acids, 2018, 134, 1-6.	2.2	9
67	Best practices for the design, laboratory analysis, and reporting of trials involving fatty acids. American Journal of Clinical Nutrition, 2018, 108, 211-227.	4.7	138
68	Resilience of small intestinal beneficial bacteria to the toxicity of soybean oil fatty acids. ELife, 2018, 7, .	6.0	14
69	Runx1 Role in Epithelial and Cancer Cell Proliferation Implicates Lipid Metabolism and Scd1 and Soat1 Activity. Stem Cells, 2018, 36, 1603-1616.	3.2	23
70	Micronutrient Gaps in Three Commercial Weight-Loss Diet Plans. Nutrients, 2018, 10, 108.	4.1	21
71	A novel FADS2 isoform identified in human milk fat globule suppresses FADS2 mediated Î”6-desaturation of omega-3 fatty acids. Prostaglandins Leukotrienes and Essential Fatty Acids, 2018, 138, 52-59.	2.2	6
72	Sea Lions Develop Human-like Vernix Caseosa Delivering Branched Fats and Squalene to the GI Tract. Scientific Reports, 2018, 8, 7478.	3.3	11

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73	A regulatory insertion-deletion polymorphism in the FADS gene cluster influences PUFA and lipid profiles among Chinese adults: a population-based study. American Journal of Clinical Nutrition, 2018, 107, 867-875.	4.7	24
74	BCFA suppresses LPS induced IL-8 mRNA expression in human intestinal epithelial cells. Prostaglandins Leukotrienes and Essential Fatty Acids, 2017, 116, 27-31.	2.2	64
75	Human fetal intestinal epithelial cells metabolize and incorporate branched chain fatty acids in a structure specific manner. Prostaglandins Leukotrienes and Essential Fatty Acids, 2017, 116, 32-39.	2.2	20
76	A strong developmental isotope effect in Caenorhabditis elegans induced by 5,5-deuterated lysine. Amino Acids, 2017, 49, 887-894.	2.7	3
77	Branched-chain fatty acid composition of human milk and the impact of maternal diet: the Global Exploration of Human Milk (GEHM) Study. American Journal of Clinical Nutrition, 2017, 105, 177-184.	4.7	45
78	Branched chain fatty acids positional distribution in human milk fat and common human food fats and uptake in human intestinal cells. Journal of Functional Foods, 2017, 29, 172-177.	3.4	17
79	Limited seasonal variation in food quality and foodweb structure in an Adirondack stream: insights from fatty acids. Freshwater Science, 2017, 36, 877-892.	1.8	16
80	Maternal Choline Supplementation Modulates Placental Nutrient Transport and Metabolism in Late Gestation of Mouse Pregnancy. Journal of Nutrition, 2017, 147, 2083-2092.	2.9	37
81	Fads3 modulates docosahexaenoic acid in liver and brain. Prostaglandins Leukotrienes and Essential Fatty Acids, 2017, 123, 25-32.	2.2	23
82	Metabolism of uniformly labeled 13C-eicosapentaenoic acid and 13C-arachidonic acid in young and old men. American Journal of Clinical Nutrition, 2017, 106, 467-474.	4.7	17
83	Sustainable production of housefly (Musca domestica) larvae as a protein-rich feed ingredient by utilizing cattle manure. PLoS ONE, 2017, 12, e0171708.	2.5	90
84	Regular-Fat Dairy and Human Health: A Synopsis of Symposia Presented in Europe and North America (2014â€“2015). Nutrients, 2016, 8, 463.	4.1	42
85	Branched chain fatty acids concentrate prepared from butter oil via urea adduction. European Journal of Lipid Science and Technology, 2016, 118, 669-674.	1.5	6
86	Alternative splicing generates novel Fads3 transcript in mice. Molecular Biology Reports, 2016, 43, 761-766.	2.3	5
87	Increases in ambient particulate matter air pollution, acute changes in platelet function, and effect modification by aspirin and omega-3 fatty acids: A panel study. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2016, 79, 287-298.	2.3	14
88	Positive Selection on a Regulatory Insertionâ€“Deletion Polymorphism inFADS2Influences Apparent Endogenous Synthesis of Arachidonic Acid. Molecular Biology and Evolution, 2016, 33, 1726-1739.	8.9	76
89	The 2015 Dietary Guidelines Advisory Committee Scientific Report: Development and Major Conclusions. Advances in Nutrition, 2016, 7, 438-444.	6.4	224
90	Full Library of (Bisâ€“allyl)â€deuterated Arachidonic Acids: Synthesis and Analytical Verification. ChemistrySelect, 2016, 1, 4758-4764.	1.5	12

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91	Saturated Branched Chain, Normal Odd-Carbon-Numbered, and n-3 (Omega-3) Polyunsaturated Fatty Acids in Freshwater Fish in the Northeastern United States. Journal of Agricultural and Food Chemistry, 2016, 64, 7512-7519.	5.2	44
92	Metabolic fate of docosahexaenoic acid (<scp>DHA</scp>; 22:6nâ€3) in human cells: direct retroconversion of <scp>DHA</scp> to eicosapentaenoic acid (20:5nâ€3) dominates over elongation to tetracosahexaenoic acid (24:6nâ€3). FEBS Letters, 2016, 590, 3188-3194.	2.8	37
93	Omega-3 long-chain polyunsaturated fatty acids support aerial insectivore performance more than food quantity. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 10920-10925.	7.1	164
94	Highly unsaturated fatty acids in nature: what we know and what we need to learn. Oikos, 2016, 125, 749-760.	2.7	182
95	Peter J. Todd (1949â€“2015). Journal of the American Society for Mass Spectrometry, 2016, 27, 563-564.	2.8	0
96	Desaturase and elongase-limiting endogenous long-chain polyunsaturated fatty acid biosynthesis. Current Opinion in Clinical Nutrition and Metabolic Care, 2016, 19, 103-110.	2.5	146
97	Long-chain polyunsaturated fatty acids and the preterm infant: a case study in developmentally sensitive nutrient needs in the United States. American Journal of Clinical Nutrition, 2016, 103, 606S-615S.	4.7	15
98	Novel characterisation of minor Î±-linolenic acid isomers in linseed oil by gas chromatography and covalent adduct chemical ionisation tandem mass spectrometry. Food Chemistry, 2016, 200, 141-145.	8.2	10
99	Palmitic acid (16:0) competes with omega-6 linoleic and omega-3 É'-linolenic acids for FADS2 mediated Î"6-desaturation. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2016, 1861, 91-97.	2.4	61
100	Arachidonic acid needed in infant formula when docosahexaenoic acid is present. Nutrition Reviews, 2016, 74, 329-336.	5.8	67
101	Brown but not white adipose cells synthesize omega-3 docosahexaenoic acid in culture. Prostaglandins Leukotrienes and Essential Fatty Acids, 2016, 104, 19-24.	2.2	9
102	Highâ€Oleic Readyâ€toâ€Use Therapeutic Food Maintains Docosahexaenoic Acid Status in Severe Malnutrition. Journal of Pediatric Gastroenterology and Nutrition, 2015, 61, 138-143.	1.8	33
103	Balancing omega-6 and omega-3 fatty acids in ready-to-use therapeutic foods (RUTF). BMC Medicine, 2015, 13, 117.	5.5	24
104	The effects of aspirin on platelet function and lysophosphatidic acids depend on plasma concentrations of EPA and DHA. Prostaglandins Leukotrienes and Essential Fatty Acids, 2015, 96, 17-24.	2.2	8
105	The European Food Safety Authority recommendation for polyunsaturated fatty acid composition of infant formula overrules breast milk, puts infants at risk, and should be revised. Prostaglandins Leukotrienes and Essential Fatty Acids, 2015, 102-103, 1-3.	2.2	41
106	The fatty acid desaturase 2 (FADS2) gene product catalyzes Î"4 desaturation to yield n-3 docosahexaenoic acid and n-6 docosapentaenoic acid in human cells. FASEB Journal, 2015, 29, 3911-3919.	0.5	109
107	Long-chain polyunsaturated fatty acids attenuate the IL-1Î²-induced proinflammatory response in human fetal intestinal epithelial cells. Pediatric Research, 2015, 78, 626-633.	2.3	29
108	Short branched-chain C6 carboxylic acids result in increased growth, novel â€˜unnaturalâ€™ fatty acids and increased membrane fluidity in a Listeria monocytogenes branched-chain fatty acid-deficient mutant. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2015, 1851, 1406-1415.	2.4	15

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109	Quantitative analysis of volatiles in edible oils following accelerated oxidation using broad spectrum isotope standards. Food Chemistry, 2015, 174, 310-318.	8.2	38
110	Dietary Zinc Deficiency Affects Blood Linoleic Acid: Dihomo-Î³-linolenic Acid (LA:DGLA) Ratio; a Sensitive Physiological Marker of Zinc Status in Vivo (Gallus gallus). Nutrients, 2014, 6, 1164-1180.	4.1	60
111	Kinetics of 13C-DHA before and during fish-oil supplementation in healthy older individuals. American Journal of Clinical Nutrition, 2014, 100, 105-112.	4.7	40
112	RE: Plasma Phospholipid Fatty Acids and Prostate Cancer Risk in the SELECT Trial. Journal of the National Cancer Institute, 2014, 106, dju015-dju015.	6.3	6
113	Multiple Micronutrient Supplementation Transiently Ameliorates Environmental Enteropathy in Malawian Children Aged 12â€“35 Months in a Randomized Controlled Clinical Trial. Journal of Nutrition, 2014, 144, 2059-2065.	2.9	41
114	Branched-chain fatty acid content of foods and estimated intake in the USA. British Journal of Nutrition, 2014, 112, 565-572.	2.3	121
115	Commentary on â€˜Influence of virgin coconut oil-enriched diet on the transcriptional regulation of fatty acid synthesis and oxidation in rats â€“ a comparative studyâ€™ by Sakunthala Arunima and Thankappan Rajamohan. British Journal of Nutrition, 2014, 112, 1425-1426.	2.3	6
116	Docosahexaenoic acid and human brain development: Evidence that aÂdietary supply is needed for optimal development. Journal of Human Evolution, 2014, 77, 99-106.	2.6	140
117	The effects of aspirin and fish oil consumption on lysophosphatidylcholines and lysophosphatidic acids and their correlates with platelet aggregation in adults with diabetes mellitus. Prostaglandins Leukotrienes and Essential Fatty Acids, 2014, 90, 61-68.	2.2	13
118	Quantifying the Contribution of Grape Hexoses to Wine Volatiles by High-Precision [U¹³C]-Glucose Tracer Studies. Journal of Agricultural and Food Chemistry, 2014, 62, 6820-6827.	5.2	15
119	The ER-Associated Degradation Adaptor Protein Sel1L Regulates LPL Secretion and Lipid Metabolism. Cell Metabolism, 2014, 20, 458-470.	16.2	92
120	Effect of sex hormones on n-3 polyunsaturated fatty acid biosynthesis in HepG2 cells and in human primary hepatocytes. Prostaglandins Leukotrienes and Essential Fatty Acids, 2014, 90, 47-54.	2.2	46
121	Imbalance of folic acid and vitamin B12 is associated with birth outcome: an Indian pregnant women study. European Journal of Clinical Nutrition, 2014, 68, 726-729.	2.9	40
122	Higher efficacy of dietary DHA provided as a phospholipid than as a triglyceride for brain DHA accretion in neonatal piglets. Journal of Lipid Research, 2014, 55, 531-539.	4.2	81
123	Dietary arachidonic acid and docosahexaenoic acid regulate liver fatty acid desaturase (FADS) alternative transcript expression in suckling piglets. Prostaglandins Leukotrienes and Essential Fatty Acids, 2013, 89, 345-350.	2.2	19
124	Dietary long-chain polyunsaturated fatty acids upregulate expression of FADS3 transcripts. Prostaglandins Leukotrienes and Essential Fatty Acids, 2013, 88, 15-19.	2.2	46
125	Effects of low-dose aspirin and fish oil on platelet function and NF-kappaB in adults with diabetes mellitus. Prostaglandins Leukotrienes and Essential Fatty Acids, 2013, 89, 9-18.	2.2	12
126	Disturbance in uniformly¹³C-labelled DHA metabolism in elderly human subjects carrying the apoE Îµ4 allele. British Journal of Nutrition, 2013, 110, 1751-1759.	2.3	74

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127	Commentary on â€˜Maternal long-chain PUFA supplementation during protein deficiency improves brain fatty acid accretion in rat pups by altering the milk fatty acid composition of the damâ€™ by Ranade and Rao. Journal of Nutritional Science, 2013, 2, e4.	1.9	1
128	Branched-Chain Fatty Acids in the Neonatal Gut and Estimated Dietary Intake in Infancy and Adulthood. Nestle Nutrition Institute Workshop Series, 2013, 77, 133-143.	0.1	35
129	Fatty acid analysis by high resolution gas chromatography and mass spectrometry for clinical and experimental applications. Current Opinion in Clinical Nutrition and Metabolic Care, 2013, 16, 548-554.	2.5	23
130	Pregnancy alters choline dynamics: results of a randomized trial using stable isotope methodology in pregnant and nonpregnant women. American Journal of Clinical Nutrition, 2013, 98, 1459-1467.	4.7	85
131	Omega-3 Fatty Acid Supplementation and Cardiovascular Disease Events. JAMA - Journal of the American Medical Association, 2013, 309, 27.	7.4	11
132	Plasma oxylipin profiling identifies polyunsaturated vicinal diols as responsive to arachidonic acid and docosahexaenoic acid intake in growing piglets. Journal of Lipid Research, 2013, 54, 1598-1607.	4.2	27
133	New European Food Safety Authority recommendation for infant formulae contradicts the physiology of human milk and infant development. Nutrition and Health, 2013, 22, 81-87.	1.5	2
134	Interruption of scheduled, automatic feeding and reduction of excess energy intake in toddlers. International Journal of General Medicine, 2013, 6, 39.	1.8	11
135	Pomegranate seed oil reduces intestinal damage in a rat model of necrotizing enterocolitis. American Journal of Physiology - Renal Physiology, 2012, 303, G744-G751.	3.4	43
136	A novel FADS1 isoform potentiates FADS2-mediated production of eicosanoid precursor fatty acids. Journal of Lipid Research, 2012, 53, 1502-1512.	4.2	44
137	Structural characterization of saturated branched chain fatty acid methyl esters by collisional dissociation of molecular ions generated by electron ionization. Journal of Lipid Research, 2012, 53, 195-203.	4.2	40
138	Growth, clinical chemistry and immune function in domestic piglets fed varying ratios of arachidonic acid and DHA. British Journal of Nutrition, 2012, 107, 809-816.	2.3	10
139	Production of Isotopically Labeled Standards from a Uniformly Labeled Precursor for Quantitative Volatile Metabolomic Studies. Analytical Chemistry, 2012, 84, 5400-5406.	6.5	8
140	Insertionâ€“deletions in a FADS2 intron 1 conserved regulatory locus control expression of fatty acid desaturases 1 and 2 and modulate response to simvastatin. Prostaglandins Leukotrienes and Essential Fatty Acids, 2012, 87, 25-33.	2.2	41
141	Comment: Environmental exposures: how to counsel preconception and prenatal patients in the clinical setting. American Journal of Obstetrics and Gynecology, 2012, 207, e7.	1.3	11
142	The combination of EPA+DHA and low-dose aspirin ingestion reduces platelet function acutely whereas each alone may not in healthy humans. Prostaglandins Leukotrienes and Essential Fatty Acids, 2012, 87, 143-151.	2.2	20
143	Calibration and data processing in gas chromatography combustion isotope ratio mass spectrometry. Drug Testing and Analysis, 2012, 4, 912-922.	2.6	28
144	Examination of the kinetic isotopic effect to the acetylation derivatization for the gas chromatographicâ€combustionâ€isotope ratio mass spectrometric doping control analysis of endogenous steroids. Drug Testing and Analysis, 2012, 4, 923-927.	2.6	9

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145	Highly sensitive and selective analysis of urinary steroids by comprehensive two-dimensional gas chromatography combined with positive chemical ionization quadrupole mass spectrometry. Analyst, The, 2012, 137, 3102.	3.5	17
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