

J Thomas Brenna

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

280
papers

10,498
citations

55
h-index

89
g-index

296
ext. papers

12,009
ext. citations

4.8
avg, IF

6.46
L-index

#	Paper	IF	Citations
280	Unusual polymethylene-interrupted, β monounsaturated and omega-3 fatty acids in sea urchin (<i>Arbacia punctulata</i>) from the Gulf of Mexico identified by solvent mediated covalent adduct chemical ionization mass spectrometry. <i>Food Chemistry</i> , 2022 , 371, 131131	8.5	1
279	Deuterated docosahexaenoic acid protects against oxidative stress and geographic atrophy-like retinal degeneration in a mouse model with iron overload.. <i>Aging Cell</i> , 2022 , e13579	9.9	2
278	Inhalation of nebulized omega-3 fatty acids mitigate LPS-induced acute lung inflammation in rats: Implications for treatment of COPD and COVID-19.. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2022 , 179, 102426	2.8	0
277	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.. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2022 , 180, 102427	2.8	1
276	Statin therapy upregulates arachidonic acid status via enhanced endogenous synthesis in patients with plaque psoriasis.. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2022 , 180, 102428	2.8	1
275	Polyunsaturated fatty acids and fatty acid-derived lipid mediators: Recent advances in the understanding of their biosynthesis, structures, and functions.. <i>Progress in Lipid Research</i> , 2022 , 86, 101165	14.3	10
274	Science dialogue mapping of knowledge and knowledge gaps related to the effects of dairy intake on human cardiovascular health and disease. <i>Critical Reviews in Food Science and Nutrition</i> , 2021 , 61, 179-195	11.5	2
273	Low linoleic acid foods with added DHA given to Malawian children with severe acute malnutrition improve cognition: a randomized, triple blinded, controlled clinical trial. <i>American Journal of Clinical Nutrition</i> , 2021 ,	7	2
272	Genome-wide association study of fish oil supplementation on lipid traits in 81,246 individuals reveals new gene-diet interaction loci. <i>PLoS Genetics</i> , 2021 , 17, e1009431	6	6
271	Emergent Freshwater Insects Serve as Subsidies of Methylmercury and Beneficial Fatty Acids for Riparian Predators Across an Agricultural Gradient. <i>Environmental Science & Technology</i> , 2021 , 55, 5868-5877	10.3	6
270	Safety and Efficacy of Sodium and Potassium Arachidonic Acid Salts in the Young Pig. <i>Nutrients</i> , 2021 , 13,	6.7	1
269	Toward Quantitative Sequencing of Deuteration of Unsaturated Hydrocarbon Chains in Fatty Acids. <i>Analytical Chemistry</i> , 2021 , 93, 8238-8247	7.8	2
268	Acyl-CoA synthetase 6 is required for brain docosahexaenoic acid retention and neuroprotection during aging. <i>JCI Insight</i> , 2021 , 6,	9.9	5
267	Aspirin and omega-3 fatty acid status interact in the prevention of cardiovascular diseases in Framingham Heart Study. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2021 , 169, 102283	2.8	0
266	Breast milk EPA associated with infant distractibility when EPA level is low. <i>Nutrition</i> , 2021 , 86, 111143	4.8	1
265	Perspective: Moving Toward Desirable Linoleic Acid Content in Infant Formula. <i>Advances in Nutrition</i> , 2021 , 12, 2085-2098	10	5
264	The aromatase inhibitor letrozole restores FADS2 function in ER+ MCF7 human breast cancer cells. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2021 , 171, 102312	2.8	3

263	Dietary Saturated Fats and Health: Are the U.S. Guidelines Evidence-Based?. <i>Nutrients</i> , 2021 , 13,	6.7	7
262	The microbiome affects liver sphingolipids and plasma fatty acids in a murine model of the Western diet based on soybean oil. <i>Journal of Nutritional Biochemistry</i> , 2021 , 97, 108808	6.3	3
261	New understandings of the pathway of long-chain polyunsaturated fatty acid biosynthesis.. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2021 , 25,	3.8	1
260	Single-cell chromatin accessibility and lipid profiling reveals SCD1-dependent metabolic shift in adipocytes induced by bariatric surgery.. <i>PLoS ONE</i> , 2021 , 16, e0261783	3.7	
259	Identification of Polymethylene-Interrupted Polyunsaturated Fatty Acids (PMI-PUFA) by Solvent-Mediated Covalent Adduct Chemical Ionization Triple Quadrupole Tandem Mass Spectrometry. <i>Analytical Chemistry</i> , 2020 , 92, 8209-8217	7.8	9
258	Saturated Fats and Health: A Reassessment and Proposal for Food-Based Recommendations: JACC State-of-the-Art Review. <i>Journal of the American College of Cardiology</i> , 2020 , 76, 844-857	15.1	128
257	The effects of aspirin and N-3 fatty acids on telomerase activity in adults with diabetes mellitus. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2020 , 30, 1795-1799	4.5	3
256	Characterization and Semiquantitative Analysis of Novel Ultratrace C Monounsaturated Fatty Acid in Bovine Milkfat by Solvent-Mediated Covalent Adduct Chemical Ionization (CACI) MS/MS. <i>Journal of Agricultural and Food Chemistry</i> , 2020 , 68, 7482-7489	5.7	3
255	Should formula for infants provide arachidonic acid along with DHA? A position paper of the European Academy of Paediatrics and the Child Health Foundation. <i>American Journal of Clinical Nutrition</i> , 2020 , 111, 10-16	7	43
254	FADS3 is a 14Z sphingoid base desaturase that contributes to gender differences in the human plasma sphingolipidome. <i>Journal of Biological Chemistry</i> , 2020 , 295, 1889-1897	5.4	33
253	Fatty acid desaturase 2 (FADS2) but not FADS1 desaturates branched chain and odd chain saturated fatty acids. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2020 , 1865, 158572	5	12
252	Plasma and Red Blood Cell Membrane Accretion and Pharmacokinetics of RT001 (bis-Allylic 11,11-D2-Linoleic Acid Ethyl Ester) during Long Term Dosing in Patients. <i>Journal of Pharmaceutical Sciences</i> , 2020 , 109, 3496-3503	3.9	7
251	Very Long-Chain Branched-Chain Fatty Acids in Chia Seeds: Implications for Human Use. <i>Journal of Agricultural and Food Chemistry</i> , 2020 , 68, 13871-13878	5.7	2
250	Do Refined Grains Have a Place in a Healthy Dietary Pattern: Perspectives from an Expert Panel Consensus Meeting. <i>Current Developments in Nutrition</i> , 2020 , 4, nzaa125	0.4	2
249	Polyunsaturated fatty acid biosynthesis pathway and genetics. implications for interindividual variability in prothrombotic, inflammatory conditions such as COVID-19. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2020 , 162, 102183	2.8	24
248	Fatty acid sentinels as covalently bound randomization standards for triacylglycerol (TAG) quantitative analysis. <i>Rapid Communications in Mass Spectrometry</i> , 2020 , 34, e8891	2.2	1
247	Gas Chromatography Chemical Ionization Mass Spectrometry and Tandem Mass Spectrometry for Identification and Straightforward Quantification of Branched Chain Fatty Acids in Foods. <i>Journal of Agricultural and Food Chemistry</i> , 2020 , 68, 4973-4980	5.7	7
246	Potentially High Value Conjugated Linolenic Acids (CLnA) in Melon Seed Waste. <i>Journal of Agricultural and Food Chemistry</i> , 2019 , 67, 10306-10312	5.7	7

245	Identification of genes mediating branched chain fatty acid elongation. <i>FEBS Letters</i> , 2019 , 593, 1807-1813	8	
244	Glycerol derived process contaminants in refined coconut oil induce cholesterol synthesis in HepG2 cells. <i>Food and Chemical Toxicology</i> , 2019 , 127, 135-142	4.7	3
243	Episodic Dietary DHA for Support of Tissue DHA. <i>Journal of Nutrition</i> , 2019 , 149, 547-548	4.1	2
242	Low Temperature Catalytic Combustion Reactors for High Precision Carbon Isotope Measurements in Gas Chromatography Combustion Isotope Ratio Mass Spectrometry. <i>Analytical Chemistry</i> , 2019 , 91, 2901-2907	7.8	2
241	High levels of branched chain fatty acids in natto and other Asian fermented foods. <i>Food Chemistry</i> , 2019 , 286, 428-433	8.5	18
240	Acyl-CoA synthetase 6 enriches seminiferous tubules with the Ω 6 fatty acid docosahexaenoic acid and is required for male fertility in the mouse. <i>Journal of Biological Chemistry</i> , 2019 , 294, 14394-14405	5.4	15
239	Aquatic and terrestrial resources are not nutritionally reciprocal for consumers. <i>Functional Ecology</i> , 2019 , 33, 2042-2052	5.6	24
238	Relationships between seafood consumption during pregnancy and childhood and neurocognitive development: Two systematic reviews. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2019 , 151, 14-36	2.8	44
237	An abundance of seafood consumption studies presents new opportunities to evaluate effects on neurocognitive development. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2019 , 151, 8-13	2.8	5
236	Branched chain fatty acid composition of yak milk and manure during full-lactation and half-lactation. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2019 , 150, 16-20	2.8	9
235	Reproductive state and choline intake influence enrichment of plasma lysophosphatidylcholine-DHA: a analysis of a controlled feeding trial. <i>British Journal of Nutrition</i> , 2019 , 122, 1221-1229	3.6	1
234	Endocrine Hormone Beta-estradiol and Anti-estrogen Letrozole Modulate 20:3 Isomer Production from 20:2n-6 in Human Cancer Cells (P08-119-19). <i>Current Developments in Nutrition</i> , 2019 , 3,	0.4	78
233	Identification of Elongase Genes Mediating Branched Chain Fatty Acid Elongation (P08-108-19). <i>Current Developments in Nutrition</i> , 2019 , 3,	0.4	78
232	Interlaboratory Assessment of Dried Blood Spot Fatty Acid Compositions. <i>Lipids</i> , 2019 , 54, 755-761	1.6	7
231	Structural Identification of Monounsaturated Branched Chain Fatty Acid Methyl Esters by Combination of Electron Ionization and Covalent Adduct Chemical Ionization Tandem Mass Spectrometry. <i>Analytical Chemistry</i> , 2019 , 91, 15147-15154	7.8	11
230	The elongation of very long-chain fatty acid 6 gene product catalyses elongation of -13 : 0 and -15 : 0 odd-chain SFA in human cells. <i>British Journal of Nutrition</i> , 2019 , 121, 241-248	3.6	9
229	Dietary pattern regulates fatty acid desaturase 1 gene expression in Indian pregnant women to spare overall long chain polyunsaturated fatty acids levels. <i>Molecular Biology Reports</i> , 2019 , 46, 687-693	2.8	7
228	Cryofocus fast gas chromatography combustion isotope ratio mass spectrometry for rapid detection of synthetic steroid use in sport doping. <i>Analyst, The</i> , 2018 , 143, 1124-1132	5	9

227	High-volume steroid isotopic standards developed as working standards for gas chromatography-combustion-isotope ratio mass spectrometry. <i>Drug Testing and Analysis</i> , 2018 , 10, 781-785	3.5	2
226	Resilience of small intestinal beneficial bacteria to the toxicity of soybean oil fatty acids. <i>ELife</i> , 2018 , 7,	8.9	10
225	Runx1 Role in Epithelial and Cancer Cell Proliferation Implicates Lipid Metabolism and Scd1 and Soat1 Activity. <i>Stem Cells</i> , 2018 , 36, 1603-1616	5.8	14
224	Micronutrient Gaps in Three Commercial Weight-Loss Diet Plans. <i>Nutrients</i> , 2018 , 10,	6.7	13
223	A novel FADS2 isoform identified in human milk fat globule suppresses FADS2 mediated Δ -desaturation of omega-3 fatty acids. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2018 , 138, 52-59	2.8	4
222	Sea Lions Develop Human-like Vernix Caseosa Delivering Branched Fats and Squalene to the GI Tract. <i>Scientific Reports</i> , 2018 , 8, 7478	4.9	7
221	A regulatory insertion-deletion polymorphism in the FADS gene cluster influences PUFA and lipid profiles among Chinese adults: a population-based study. <i>American Journal of Clinical Nutrition</i> , 2018 , 107, 867-875	7	17
220	Conversion efficiency of Δ -linolenic acid to omega-3 highly unsaturated fatty acids in aerial insectivore chicks. <i>Journal of Experimental Biology</i> , 2018 , 221,	3	17
219	The role of fatty acid desaturase (FADS) genes in oleic acid metabolism: FADS1 Δ desaturates 11-20:1 to 7,11-20:2. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2018 , 128, 21-25	2.8	21
218	BCFA-enriched vernix-monoacylglycerol reduces LPS-induced inflammatory markers in human enterocytes in vitro. <i>Pediatric Research</i> , 2018 , 83, 874-879	3.2	14
217	Oleogel-structured composite for the stabilization of Δ fatty acids in fish oil. <i>Food and Function</i> , 2018 , 9, 5598-5606	6.1	14
216	Associations of plasma very-long-chain SFA and the metabolic syndrome in adults. <i>British Journal of Nutrition</i> , 2018 , 120, 855-862	3.6	1
215	A rare eicosanoid precursor analogue, sciadonic acid (5Z,11Z,14Z-20:3), detected in vivo in hormone positive breast cancer tissue. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2018 , 134, 1-6	2.8	6
214	Best practices for the design, laboratory analysis, and reporting of trials involving fatty acids. <i>American Journal of Clinical Nutrition</i> , 2018 , 108, 211-227	7	84
213	BCFA suppresses LPS induced IL-8 mRNA expression in human intestinal epithelial cells. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2017 , 116, 27-31	2.8	35
212	Human fetal intestinal epithelial cells metabolize and incorporate branched chain fatty acids in a structure specific manner. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2017 , 116, 32-39	2.8	10
211	A strong developmental isotope effect in <i>Caenorhabditis elegans</i> induced by 5,5-deuterated lysine. <i>Amino Acids</i> , 2017 , 49, 887-894	3.5	3
210	Branched-chain fatty acid composition of human milk and the impact of maternal diet: the Global Exploration of Human Milk (GEHM) Study. <i>American Journal of Clinical Nutrition</i> , 2017 , 105, 177-184	7	25

209	Branched chain fatty acids positional distribution in human milk fat and common human food fats and uptake in human intestinal cells. <i>Journal of Functional Foods</i> , 2017 , 29, 172-177	5.1	10
208	Sustainable production of housefly (<i>Musca domestica</i>) larvae as a protein-rich feed ingredient by utilizing cattle manure. <i>PLoS ONE</i> , 2017 , 12, e0171708	3.7	59
207	Limited seasonal variation in food quality and foodweb structure in an Adirondack stream: insights from fatty acids. <i>Freshwater Science</i> , 2017 , 36, 877-892	2	5
206	Maternal Choline Supplementation Modulates Placental Nutrient Transport and Metabolism in Late Gestation of Mouse Pregnancy. <i>Journal of Nutrition</i> , 2017 , 147, 2083-2092	4.1	26
205	Fads3 modulates docosahexaenoic acid in liver and brain. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2017 , 123, 25-32	2.8	18
204	Metabolism of uniformly labeled C-eicosapentaenoic acid and C-arachidonic acid in young and old men. <i>American Journal of Clinical Nutrition</i> , 2017 , 106, 467-474	7	12
203	Metabolic fate of docosahexaenoic acid (DHA; 22:6n-3) in human cells: direct retroconversion of DHA to eicosapentaenoic acid (20:5n-3) dominates over elongation to tetracosahexaenoic acid (24:6n-3). <i>FEBS Letters</i> , 2016 , 590, 3188-94	3.8	29
202	Omega-3 long-chain polyunsaturated fatty acids support aerial insectivore performance more than food quantity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, 10920-5	11.5	105
201	Highly unsaturated fatty acids in nature: what we know and what we need to learn. <i>Oikos</i> , 2016 , 125, 749-760	4	124
200	Peter J. Todd (1949-2015). <i>Journal of the American Society for Mass Spectrometry</i> , 2016 , 27, 563-4	3.5	
199	Desaturase and elongase-limiting endogenous long-chain polyunsaturated fatty acid biosynthesis. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2016 , 19, 103-10	3.8	104
198	Long-chain polyunsaturated fatty acids and the preterm infant: a case study in developmentally sensitive nutrient needs in the United States. <i>American Journal of Clinical Nutrition</i> , 2016 , 103, 606S-155S ⁷		11
197	Novel characterisation of minor β -linolenic acid isomers in linseed oil by gas chromatography and covalent adduct chemical ionisation tandem mass spectrometry. <i>Food Chemistry</i> , 2016 , 200, 141-5	8.5	8
196	Palmitic acid (16:0) competes with omega-6 linoleic and omega-3 γ -linolenic acids for FADS2 mediated β -desaturation. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2016 , 1861, 91-97	5	48
195	Arachidonic acid needed in infant formula when docosahexaenoic acid is present. <i>Nutrition Reviews</i> , 2016 , 74, 329-36	6.4	49
194	Brown but not white adipose cells synthesize omega-3 docosahexaenoic acid in culture. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2016 , 104, 19-24	2.8	8
193	Regular-Fat Dairy and Human Health: A Synopsis of Symposia Presented in Europe and North America (2014-2015). <i>Nutrients</i> , 2016 , 8,	6.7	40
192	Branched chain fatty acids concentrate prepared from butter oil via urea adduction. <i>European Journal of Lipid Science and Technology</i> , 2016 , 118, 669-674	3	3

191	Alternative splicing generates novel Fads3 transcript in mice. <i>Molecular Biology Reports</i> , 2016 , 43, 761-768	6.8	5
190	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. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2016 , 79, 287-98	3.2	7
189	Positive Selection on a Regulatory Insertion-Deletion Polymorphism in FADS2 Influences Apparent Endogenous Synthesis of Arachidonic Acid. <i>Molecular Biology and Evolution</i> , 2016 , 33, 1726-39	8.3	57
188	The 2015 Dietary Guidelines Advisory Committee Scientific Report: Development and Major Conclusions. <i>Advances in Nutrition</i> , 2016 , 7, 438-44	10	171
187	Full Library of (Bisallyl)-deuterated Arachidonic Acids: Synthesis and Analytical Verification. <i>ChemistrySelect</i> , 2016 , 1, 4758-4764	1.8	9
186	Saturated Branched Chain, Normal Odd-Carbon-Numbered, and n-3 (Omega-3) Polyunsaturated Fatty Acids in Freshwater Fish in the Northeastern United States. <i>Journal of Agricultural and Food Chemistry</i> , 2016 , 64, 7512-7519	5.7	34
185	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. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2015 , 102-103, 1-3	2.8	32
184	The fatty acid desaturase 2 (FADS2) gene product catalyzes Δ desaturation to yield n-3 docosahexaenoic acid and n-6 docosapentaenoic acid in human cells. <i>FASEB Journal</i> , 2015 , 29, 3911-9	0.9	92
183	Long-chain polyunsaturated fatty acids attenuate the IL-1 β induced proinflammatory response in human fetal intestinal epithelial cells. <i>Pediatric Research</i> , 2015 , 78, 626-33	3.2	19
182	Short branched-chain C6 carboxylic acids result in increased growth, novel natural fatty acids and increased membrane fluidity in a <i>Listeria monocytogenes</i> branched-chain fatty acid-deficient mutant. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2015 , 1851, 1406-15	5	12
181	Quantitative analysis of volatiles in edible oils following accelerated oxidation using broad spectrum isotope standards. <i>Food Chemistry</i> , 2015 , 174, 310-8	8.5	27
180	High-Oleic Ready-to-Use Therapeutic Food Maintains Docosahexaenoic Acid Status in Severe Malnutrition. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2015 , 61, 138-43	2.8	25
179	Balancing omega-6 and omega-3 fatty acids in ready-to-use therapeutic foods (RUTF). <i>BMC Medicine</i> , 2015 , 13, 117	11.4	17
178	The effects of aspirin on platelet function and lysophosphatidic acids depend on plasma concentrations of EPA and DHA. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2015 , 96, 17-24	2.8	7
177	The effects of aspirin and fish oil consumption on lysophosphatidylcholines and lysophosphatidic acids and their correlates with platelet aggregation in adults with diabetes mellitus. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2014 , 90, 61-8	2.8	12
176	Quantifying the contribution of grape hexoses to wine volatiles by high-precision [^{13}C]-glucose tracer studies. <i>Journal of Agricultural and Food Chemistry</i> , 2014 , 62, 6820-7	5.7	11
175	The ER-associated degradation adaptor protein Sel1L regulates LPL secretion and lipid metabolism. <i>Cell Metabolism</i> , 2014 , 20, 458-70	24.6	62
174	Effect of sex hormones on n-3 polyunsaturated fatty acid biosynthesis in HepG2 cells and in human primary hepatocytes. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2014 , 90, 47-54	2.8	39

173	Imbalance of folic acid and vitamin B12 is associated with birth outcome: an Indian pregnant women study. <i>European Journal of Clinical Nutrition</i> , 2014 , 68, 726-9	5.2	27
172	Higher efficacy of dietary DHA provided as a phospholipid than as a triglyceride for brain DHA accretion in neonatal piglets. <i>Journal of Lipid Research</i> , 2014 , 55, 531-9	6.3	65
171	Dietary zinc deficiency affects blood linoleic acid: dihomo- γ -linolenic acid (LA:DGLA) ratio; a sensitive physiological marker of zinc status in vivo (Gallus gallus). <i>Nutrients</i> , 2014 , 6, 1164-80	6.7	49
170	Kinetics of ^{13}C -DHA before and during fish-oil supplementation in healthy older individuals. <i>American Journal of Clinical Nutrition</i> , 2014 , 100, 105-12	7	36
169	RE: Plasma phospholipid fatty acids and prostate cancer risk in the SELECT trial. <i>Journal of the National Cancer Institute</i> , 2014 , 106, dju015	9.7	5
168	Multiple micronutrient supplementation transiently ameliorates environmental enteropathy in Malawian children aged 12-35 months in a randomized controlled clinical trial. <i>Journal of Nutrition</i> , 2014 , 144, 2059-65	4.1	36
167	Branched-chain fatty acid content of foods and estimated intake in the USA. <i>British Journal of Nutrition</i> , 2014 , 112, 565-72	3.6	80
166	Commentary on Q fluence of virgin coconut oil-enriched diet on the transcriptional regulation of fatty acid synthesis and oxidation in rats--a comparative study Q y Sakunthala Arunima and Thankappan Rajamohan. <i>British Journal of Nutrition</i> , 2014 , 112, 1425-6	3.6	5
165	Docosahexaenoic acid and human brain development: evidence that a dietary supply is needed for optimal development. <i>Journal of Human Evolution</i> , 2014 , 77, 99-106	3.1	118
164	Dietary arachidonic acid and docosahexaenoic acid regulate liver fatty acid desaturase (FADS) alternative transcript expression in suckling piglets. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2013 , 89, 345-50	2.8	17
163	Dietary long-chain polyunsaturated fatty acids upregulate expression of FADS3 transcripts. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2013 , 88, 15-9	2.8	41
162	Effects of low-dose aspirin and fish oil on platelet function and NF-kappaB in adults with diabetes mellitus. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2013 , 89, 9-18	2.8	12
161	Disturbance in uniformly ^{13}C -labelled DHA metabolism in elderly human subjects carrying the apoE ϵ allele. <i>British Journal of Nutrition</i> , 2013 , 110, 1751-9	3.6	62
160	Commentary on Q 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 dam Q y Ranade and Rao. <i>Journal of Nutritional Science</i> , 2013 , 2, e4	2.7	1
159	Branched-chain fatty acids in the neonatal gut and estimated dietary intake in infancy and adulthood. <i>Nestle Nutrition Institute Workshop Series</i> , 2013 , 77, 133-43	1.9	24
158	Fatty acid analysis by high resolution gas chromatography and mass spectrometry for clinical and experimental applications. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2013 , 16, 548-54	3.8	19
157	Pregnancy alters choline dynamics: results of a randomized trial using stable isotope methodology in pregnant and nonpregnant women. <i>American Journal of Clinical Nutrition</i> , 2013 , 98, 1459-67	7	69
156	Omega-3 fatty acid supplementation and cardiovascular disease events. <i>JAMA - Journal of the American Medical Association</i> , 2013 , 309, 28-9	27.4	9

155	Plasma oxylipin profiling identifies polyunsaturated vicinal diols as responsive to arachidonic acid and docosahexaenoic acid intake in growing piglets. <i>Journal of Lipid Research</i> , 2013 , 54, 1598-1607	6.3	21
154	New European Food Safety Authority recommendation for infant formulae contradicts the physiology of human milk and infant development. <i>Nutrition and Health</i> , 2013 , 22, 81-7	2.1	2
153	Interruption of scheduled, automatic feeding and reduction of excess energy intake in toddlers. <i>International Journal of General Medicine</i> , 2013 , 6, 39-47	2.3	6
152	Production of isotopically labeled standards from a uniformly labeled precursor for quantitative volatile metabolomic studies. <i>Analytical Chemistry</i> , 2012 , 84, 5400-6	7.8	8
151	Insertion-deletions in a FADS2 intron 1 conserved regulatory locus control expression of fatty acid desaturases 1 and 2 and modulate response to simvastatin. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2012 , 87, 25-33	2.8	37
150	Comment: Environmental exposures: how to counsel preconception and prenatal patients in the clinical setting. <i>American Journal of Obstetrics and Gynecology</i> , 2012 , 207, e7; author reply e7-8	6.4	9
149	The combination of EPA+DHA and low-dose aspirin ingestion reduces platelet function acutely whereas each alone may not in healthy humans. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2012 , 87, 143-51	2.8	13
148	Calibration and data processing in gas chromatography combustion isotope ratio mass spectrometry. <i>Drug Testing and Analysis</i> , 2012 , 4, 912-22	3.5	25
147	Examination of the kinetic isotopic effect to the acetylation derivatization for the gas chromatographic-combustion-isotope ratio mass spectrometric doping control analysis of endogenous steroids. <i>Drug Testing and Analysis</i> , 2012 , 4, 923-7	3.5	8
146	Highly sensitive and selective analysis of urinary steroids by comprehensive two-dimensional gas chromatography combined with positive chemical ionization quadrupole mass spectrometry. <i>Analyst, The</i> , 2012 , 137, 3102-10	5	14
145	Maintenance of arachidonic acid and evidence of Δ desaturation in cats fed α -linolenic and linoleic acid enriched diets. <i>Lipids</i> , 2012 , 47, 413-23	1.6	19
144	Pomegranate seed oil reduces intestinal damage in a rat model of necrotizing enterocolitis. <i>American Journal of Physiology - Renal Physiology</i> , 2012 , 303, G744-51	5.1	34
143	A novel FADS1 isoform potentiates FADS2-mediated production of eicosanoid precursor fatty acids. <i>Journal of Lipid Research</i> , 2012 , 53, 1502-12	6.3	36
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