

Richard P Bazinet

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129
papers

4,692
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38
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65
g-index

132
ext. papers

5,468
ext. citations

5.7
avg, IF

6.14
L-index

#	Paper	IF	Citations
129	Polyunsaturated fatty acids and their metabolites in brain function and disease. <i>Nature Reviews Neuroscience</i> , 2014 , 15, 771-85	13.5	729
128	Anti-Inflammatory Effects of Omega-3 Fatty Acids in the Brain: Physiological Mechanisms and Relevance to Pharmacology. <i>Pharmacological Reviews</i> , 2018 , 70, 12-38	22.5	186
127	Diffusion of docosahexaenoic and eicosapentaenoic acids through the blood-brain barrier: An in situ cerebral perfusion study. <i>Neurochemistry International</i> , 2009 , 55, 476-82	4.4	157
126	Is docosahexaenoic acid synthesis from linolenic acid sufficient to supply the adult brain?. <i>Progress in Lipid Research</i> , 2015 , 59, 54-66	14.3	133
125	Unesterified docosahexaenoic acid is protective in neuroinflammation. <i>Journal of Neurochemistry</i> , 2013 , 127, 378-93	6	117
124	Rapid beta-oxidation of eicosapentaenoic acid in mouse brain: an in situ study. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2009 , 80, 157-63	2.8	117
123	Brain elongation of linoleic acid is a negligible source of the arachidonate in brain phospholipids of adult rats. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2006 , 1761, 1050-9	5	116
122	Regulation of brain polyunsaturated fatty acid uptake and turnover. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2008 , 79, 85-91	2.8	113
121	Supplementation of conventional therapy with the novel grain Salba (<i>Salvia hispanica</i> L.) improves major and emerging cardiovascular risk factors in type 2 diabetes: results of a randomized controlled trial. <i>Diabetes Care</i> , 2007 , 30, 2804-10	14.6	107
120	The emerging role of group VI calcium-independent phospholipase A2 in releasing docosahexaenoic acid from brain phospholipids. <i>Journal of Lipid Research</i> , 2008 , 49, 939-44	6.3	91
119	Chronic carbamazepine decreases the incorporation rate and turnover of arachidonic acid but not docosahexaenoic acid in brain phospholipids of the unanesthetized rat: relevance to bipolar disorder. <i>Biological Psychiatry</i> , 2006 , 59, 401-7	7.9	89
118	Experimental models and mechanisms underlying the protective effects of n-3 polyunsaturated fatty acids in Alzheimer's disease. <i>Journal of Nutritional Biochemistry</i> , 2009 , 20, 1-10	6.3	82
117	Imaging Microglial Activation in Untreated First-Episode Psychosis: A PET Study With [¹⁸ F]FEPPA. <i>American Journal of Psychiatry</i> , 2017 , 174, 118-124	11.9	81
116	Plasma non-esterified docosahexaenoic acid is the major pool supplying the brain. <i>Scientific Reports</i> , 2015 , 5, 15791	4.9	81
115	n-3 Polyunsaturated fatty acids in animal models with neuroinflammation. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2013 , 88, 97-103	2.8	75
114	Why is carbon from some polyunsaturates extensively recycled into lipid synthesis?. <i>Lipids</i> , 2003 , 38, 477-84	1.6	72
113	The low density lipoprotein receptor is not necessary for maintaining mouse brain polyunsaturated fatty acid concentrations. <i>Journal of Lipid Research</i> , 2008 , 49, 147-52	6.3	71

112	Oxidation and rapid metabolism, but not uptake regulate brain eicosapentaenoic acid levels. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2015 , 92, 33-40	2.8	70
111	The low levels of eicosapentaenoic acid in rat brain phospholipids are maintained via multiple redundant mechanisms. <i>Journal of Lipid Research</i> , 2013 , 54, 2410-22	6.3	70
110	Brain docosahexaenoic acid uptake and metabolism. <i>Molecular Aspects of Medicine</i> , 2018 , 64, 109-134	16.7	69
109	Effect of omega-3 supplementation on neuropathy in type 1 diabetes: A 12-month pilot trial. <i>Neurology</i> , 2017 , 88, 2294-2301	6.5	68
108	N-3 polyunsaturated fatty acids in animal models with neuroinflammation: An update. <i>European Journal of Pharmacology</i> , 2016 , 785, 187-206	5.3	68
107	Rapid de-esterification and loss of eicosapentaenoic acid from rat brain phospholipids: an intracerebroventricular study. <i>Journal of Neurochemistry</i> , 2011 , 116, 363-73	6	68
106	Fatty acid synthase plays a role in cancer metabolism beyond providing fatty acids for phospholipid synthesis or sustaining elevations in glycolytic activity. <i>Experimental Cell Research</i> , 2014 , 320, 302-10	4.2	67
105	Whole body synthesis rates of DHA from linolenic acid are greater than brain DHA accretion and uptake rates in adult rats. <i>Journal of Lipid Research</i> , 2014 , 55, 62-74	6.3	64
104	Rapid high-energy microwave fixation is required to determine the anandamide (N-arachidonylethanolamine) concentration of rat brain. <i>Neurochemical Research</i> , 2005 , 30, 597-601	4.6	62
103	Effect of dietary docosahexaenoic acid (DHA) in phospholipids or triglycerides on brain DHA uptake and accretion. <i>Journal of Nutritional Biochemistry</i> , 2016 , 33, 91-102	6.3	61
102	Projected declines in global DHA availability for human consumption as a result of global warming. <i>Ambio</i> , 2020 , 49, 865-880	6.5	55
101	Valproic acid selectively inhibits conversion of arachidonic acid to arachidonoyl-CoA by brain microsomal long-chain fatty acyl-CoA synthetases: relevance to bipolar disorder. <i>Psychopharmacology</i> , 2006 , 184, 122-9	4.7	53
100	The emerging role of docosahexaenoic acid in neuroinflammation. <i>Current Opinion in Investigational Drugs</i> , 2008 , 9, 735-43		51
99	Chronic NMDA administration to rats up-regulates frontal cortex cytosolic phospholipase A2 and its transcription factor, activator protein-2. <i>Journal of Neurochemistry</i> , 2007 , 102, 1918-1927	6	49
98	Brain omega-3 polyunsaturated fatty acids modulate microglia cell number and morphology in response to intracerebroventricular amyloid- β 1-40 in mice. <i>Journal of Neuroinflammation</i> , 2016 , 13, 257	10.1	47
97	Palmitate-induced inflammatory pathways in human adipose microvascular endothelial cells promote monocyte adhesion and impair insulin transcytosis. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2015 , 309, E35-44	6	46
96	Effect of Replacing Animal Protein with Plant Protein on Glycemic Control in Diabetes: A Systematic Review and Meta-Analysis of Randomized Controlled Trials. <i>Nutrients</i> , 2015 , 7, 9804-24	6.7	46
95	Chronic valproate does not alter the kinetics of docosahexaenoic acid within brain phospholipids of the unanesthetized rat. <i>Psychopharmacology</i> , 2005 , 182, 180-5	4.7	46

94	Genetic ablation of CD36 does not alter mouse brain polyunsaturated fatty acid concentrations. <i>Lipids</i> , 2010 , 45, 291-9	1.6	43
93	Chronic fluoxetine increases cytosolic phospholipase A(2) activity and arachidonic acid turnover in brain phospholipids of the unanesthetized rat. <i>Psychopharmacology</i> , 2007 , 190, 103-15	4.7	40
92	Fat intake and CNS functioning: ageing and disease. <i>Annals of Nutrition and Metabolism</i> , 2009 , 55, 202-284.5	4.5	39
91	Topiramate does not alter the kinetics of arachidonic or docosahexaenoic acid in brain phospholipids of the unanesthetized rat. <i>Neurochemical Research</i> , 2005 , 30, 677-83	4.6	36
90	Updates to the n-3 polyunsaturated fatty acid biosynthesis pathway: DHA synthesis rates, tetracosahexaenoic acid and (minimal) retroconversion. <i>Progress in Lipid Research</i> , 2019 , 76, 101008	14.3	33
89	The fat-1 mouse has brain docosahexaenoic acid levels achievable through fish oil feeding. <i>Neurochemical Research</i> , 2010 , 35, 811-9	4.6	33
88	Dietary alpha-linolenic acid increases the n-3 PUFA content of sow's milk and the tissues of the suckling piglet. <i>Lipids</i> , 2003 , 38, 1045-9	1.6	33
87	Chronic dietary n-6 PUFA deprivation leads to conservation of arachidonic acid and more rapid loss of DHA in rat brain phospholipids. <i>Journal of Lipid Research</i> , 2015 , 56, 390-402	6.3	32
86	Retroconversion is a minor contributor to increases in eicosapentaenoic acid following docosahexaenoic acid feeding as determined by compound specific isotope analysis in rat liver. <i>Nutrition and Metabolism</i> , 2017 , 14, 75	4.6	29
85	The very low density lipoprotein receptor is not necessary for maintaining brain polyunsaturated fatty acid concentrations. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2010 , 82, 141-5	2.8	29
84	Linoleic acid participates in the response to ischemic brain injury through oxidized metabolites that regulate neurotransmission. <i>Scientific Reports</i> , 2017 , 7, 4342	4.9	27
83	Antimanic therapies target brain arachidonic acid signaling: lessons learned about the regulation of brain fatty acid metabolism. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2007 , 77, 239-46	2.8	27
82	Brain eicosapentaenoic acid metabolism as a lead for novel therapeutics in major depression. <i>Brain, Behavior, and Immunity</i> , 2020 , 85, 21-28	16.6	27
81	Association of NEFA composition with insulin sensitivity and beta cell function in the Prospective Metabolism and Islet Cell Evaluation (PROMISE) cohort. <i>Diabetologia</i> , 2018 , 61, 821-830	10.3	26
80	Increases in seizure latencies induced by subcutaneous docosahexaenoic acid are lost at higher doses. <i>Epilepsy Research</i> , 2012 , 99, 225-32	3	26
79	Effect of almond consumption on the serum fatty acid profile: a dose-response study. <i>British Journal of Nutrition</i> , 2014 , 112, 1137-46	3.6	26
78	Compound-specific isotope analysis resolves the dietary origin of docosahexaenoic acid in the mouse brain. <i>Journal of Lipid Research</i> , 2017 , 58, 2071-2081	6.3	23
77	Is the brain arachidonic acid cascade a common target of drugs used to manage bipolar disorder?. <i>Biochemical Society Transactions</i> , 2009 , 37, 1104-9	5.1	22

76	A minimum of 3 months of dietary fish oil supplementation is required to raise amygdaloid afterdischarge seizure thresholds in rats--implications for treating complex partial seizures. <i>Epilepsy and Behavior</i> , 2013 , 27, 49-58	3.2	21
75	Cyclooxygenase-2 and n-6 PUFA are lower and DHA is higher in the cortex of fat-1 mice. <i>Neurochemistry International</i> , 2010 , 56, 585-9	4.4	21
74	Brain phospholipid arachidonic acid half-lives are not altered following 15 weeks of N-3 polyunsaturated fatty acid adequate or deprived diet. <i>Journal of Lipid Research</i> , 2010 , 51, 535-43	6.3	20
73	Fish oil feeding attenuates neuroinflammatory gene expression without concomitant changes in brain eicosanoids and docosanoids in a mouse model of Alzheimer's disease. <i>Brain, Behavior, and Immunity</i> , 2018 , 69, 74-90	16.6	20
72	The Mitochondrial Transacylase, Tafazzin, Regulates for AML Stemness by Modulating Intracellular Levels of Phospholipids. <i>Cell Stem Cell</i> , 2019 , 24, 621-636.e16	18	19
71	DHA Esterified to Phosphatidylserine or Phosphatidylcholine is More Efficient at Targeting the Brain than DHA Esterified to Triacylglycerol. <i>Molecular Nutrition and Food Research</i> , 2019 , 63, e1801224	5.9	19
70	Whole-body DHA synthesis-secretion kinetics from plasma eicosapentaenoic acid and alpha-linolenic acid in the free-living rat. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2016 , 1861, 997-1004	5	19
69	Intraperitoneal administration of docosahexaenoic acid for 14days increases serum unesterified DHA and seizure latency in the maximal pentylenetetrazol model. <i>Epilepsy and Behavior</i> , 2014 , 33, 138-43	3.2	18
68	Selective reduction of excitatory hippocampal sharp waves by docosahexaenoic acid and its methyl ester analog ex-vivo. <i>Brain Research</i> , 2013 , 1537, 9-17	3.7	18
67	Inhibiting mitochondrial oxidation selectively reduces levels of nonenzymatic oxidative polyunsaturated fatty acid metabolites in the brain. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2014 , 34, 376-9	7.3	18
66	Brain arachidonic acid uptake and turnover: implications for signaling and bipolar disorder. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2010 , 13, 130-8	3.8	18
65	Whole-Body Docosahexaenoic Acid Synthesis-Secretion Rates in Rats Are Constant across a Large Range of Dietary Linolenic Acid Intakes. <i>Journal of Nutrition</i> , 2017 , 147, 37-44	4.1	17
64	Whole-body beta-oxidation of 18:2omega6 and 18:3omega3 in the pig varies markedly with weaning strategy and dietary 18:3omega3. <i>Journal of Lipid Research</i> , 2003 , 44, 314-9	6.3	17
63	Lowering dietary n-6 polyunsaturated fatty acids: interaction with brain arachidonic and docosahexaenoic acids. <i>Current Opinion in Lipidology</i> , 2016 , 27, 54-66	4.4	17
62	High-resolution lipidomics coupled with rapid fixation reveals novel ischemia-induced signaling in the rat neurolipidome. <i>Journal of Neurochemistry</i> , 2017 , 140, 766-775	6	16
61	Brain oxylipin concentrations following hypercapnia/ischemia: effects of brain dissection and dissection time. <i>Journal of Lipid Research</i> , 2019 , 60, 671-682	6.3	16
60	Complete assessment of whole-body n-3 and n-6 PUFA synthesis-secretion kinetics and DHA turnover in a rodent model. <i>Journal of Lipid Research</i> , 2018 , 59, 357-367	6.3	15
59	Phospholipid class-specific brain enrichment in response to lysophosphatidylcholine docosahexaenoic acid infusion. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2017 , 1862, 1092-1098	5	15

58	Whole-body utilization of n-3 PUFA in n-6 PUFA-deficient rats. <i>Lipids</i> , 2003 , 38, 187-9	1.6	15
57	How the plasma lysophospholipid and unesterified fatty acid pools supply the brain with docosahexaenoic acid. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2019 , 142, 1-3	2.8	15
56	Serum n-3 Tetracosapentaenoic Acid and Tetracosahexaenoic Acid Increase Following Higher Dietary α -Linolenic Acid but not Docosahexaenoic Acid. <i>Lipids</i> , 2017 , 52, 167-172	1.6	13
55	Maternal liver docosahexaenoic acid (DHA) stores are increased via higher serum unesterified DHA uptake in pregnant long Evans rats. <i>Journal of Nutritional Biochemistry</i> , 2017 , 46, 143-150	6.3	13
54	The need for precision nutrition, genetic variation and resolution in Covid-19 patients. <i>Molecular Aspects of Medicine</i> , 2021 , 77, 100943	16.7	13
53	Using in vivo corneal confocal microscopy to identify diabetic sensorimotor polyneuropathy risk profiles in patients with type 1 diabetes. <i>BMJ Open Diabetes Research and Care</i> , 2017 , 5, e000251	4.5	12
52	ACSL6 is critical for maintaining brain DHA levels. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, 12343-12345	11.5	12
51	Peripheral cytokine and fatty acid associations with neuroinflammation in AD and aMCI patients: An exploratory study. <i>Brain, Behavior, and Immunity</i> , 2020 , 87, 679-688	16.6	11
50	Do Eicosapentaenoic Acid and Docosahexaenoic Acid Have the Potential to Compete against Each Other?. <i>Nutrients</i> , 2020 , 12,	6.7	11
49	Natural Abundance Carbon Isotopic Analysis Indicates the Equal Contribution of Local Synthesis and Plasma Uptake to Palmitate Levels in the Mouse Brain. <i>Lipids</i> , 2018 , 53, 481-490	1.6	11
48	Phosphatidylcholine 36:1 concentration decreases along with demyelination in the cuprizone animal model and in post-mortem multiple sclerosis brain tissue. <i>Journal of Neurochemistry</i> , 2018 , 145, 504-515	6	10
47	17 β -estradiol increases liver and serum docosahexaenoic acid in mice fed varying levels of α -linolenic acid. <i>Lipids</i> , 2014 , 49, 745-56	1.6	10
46	Vulnerability to omega-3 deprivation in a mouse model of NMDA receptor hypofunction. <i>NPJ Schizophrenia</i> , 2017 , 3, 12	5.5	10
45	Mechanisms regulating brain docosahexaenoic acid uptake: what is the recent evidence?. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2018 , 21, 71-77	3.8	10
44	Fatty acid amide hydrolase (FAAH) regulates hypercapnia/ischemia-induced increases in n-acylethanolamines in mouse brain. <i>Journal of Neurochemistry</i> , 2017 , 142, 662-671	6	9
43	DHA Cycling Halves the DHA Supplementation Needed to Maintain Blood and Tissue Concentrations via Higher Synthesis from ALA in Long-Evans Rats. <i>Journal of Nutrition</i> , 2019 , 149, 586-595	4.1	9
42	Quantitation of Human Whole-Body Synthesis-Secretion Rates of Docosahexaenoic Acid and Eicosapentaenoate Acid from Circulating Unesterified α -Linolenic Acid at Steady State. <i>Lipids</i> , 2018 , 53, 547-558	1.6	9
41	Docosahexaenoic acid is both a product of and a precursor to tetracosahexaenoic acid in the rat. <i>Journal of Lipid Research</i> , 2019 , 60, 412-420	6.3	9

40	Intravenous infusion of docosahexaenoic acid increases serum concentrations in a dose-dependent manner and increases seizure latency in the maximal PTZ model. <i>Epilepsy and Behavior</i> , 2015 , 50, 71-6	3.2	8
39	Dietary 18:3omega3 influences immune function and the tissue fatty acid response to antigens and adjuvant. <i>Immunology Letters</i> , 2004 , 95, 85-90	4.1	8
38	Are fatty nuts a weighty concern? A systematic review and meta-analysis and dose-response meta-regression of prospective cohorts and randomized controlled trials. <i>Obesity Reviews</i> , 2021 , 22, e13330	10.6	8
37	Two weeks of docosahexaenoic acid (DHA) supplementation increases synthesis-secretion kinetics of n-3 polyunsaturated fatty acids compared to 8 weeks of DHA supplementation. <i>Journal of Nutritional Biochemistry</i> , 2018 , 60, 24-34	6.3	7
36	Individual serum saturated fatty acids and markers of chronic subclinical inflammation: the Insulin Resistance Atherosclerosis Study. <i>Journal of Lipid Research</i> , 2017 , 58, 2171-2179	6.3	7
35	Longitudinal Associations of Phospholipid and Cholesteryl Ester Fatty Acids With Disorders Underlying Diabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016 , 101, 2536-44	5.6	7
34	Baseline omega-3 level is associated with nerve regeneration following 12-months of omega-3 nutrition therapy in patients with type 1 diabetes. <i>Journal of Diabetes and Its Complications</i> , 2021 , 35, 107798	3.2	7
33	High vitamin A intake during pregnancy modifies dopaminergic reward system and decreases preference for sucrose in Wistar rat offspring. <i>Journal of Nutritional Biochemistry</i> , 2016 , 27, 104-11	6.3	6
32	Turnover of brain DHA in mice is accurately determined by tracer-free natural abundance carbon isotope ratio analysis. <i>Journal of Lipid Research</i> , 2020 , 61, 116-126	6.3	6
31	Maternal dietary n-6 polyunsaturated fatty acid deprivation does not exacerbate post-weaning reductions in arachidonic acid and its mediators in the mouse hippocampus. <i>Nutritional Neuroscience</i> , 2019 , 22, 223-234	3.6	6
30	Dietary fatty acids augment tissue levels of n-acyl ethanolamines in n-acylphosphatidylethanolamine phospholipase D (NAPE-PLD) knockout mice. <i>Journal of Nutritional Biochemistry</i> , 2018 , 62, 134-142	6.3	6
29	Ethanolamides of essential linolenic and linoleic fatty acids suppress short-term food intake in rats. <i>Food and Function</i> , 2020 , 11, 3066-3072	6.1	5
28	The effects of n-6 polyunsaturated fatty acid deprivation on the inflammatory gene response to lipopolysaccharide in the mouse hippocampus. <i>Journal of Neuroinflammation</i> , 2019 , 16, 237	10.1	5
27	Higher Increase in Plasma DHA in Females Compared to Males Following EPA Supplementation May Be Influenced by a Polymorphism in ELOVL2: An Exploratory Study. <i>Lipids</i> , 2021 , 56, 211-228	1.6	5
26	Increased brain docosahexaenoic acid has no effect on the resolution of neuroinflammation following intracerebroventricular lipopolysaccharide injection. <i>Neurochemistry International</i> , 2018 , 118, 115-126	4.4	5
25	Applying stable carbon isotopic analysis at the natural abundance level to determine the origin of docosahexaenoic acid in the brain of the fat-1 mouse. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2018 , 1863, 1388-1398	5	4
24	Acute Hypercapnia/Ischemia Alters the Esterification of Arachidonic Acid and Docosahexaenoic Acid Epoxide Metabolites in Rat Brain Neutral Lipids. <i>Lipids</i> , 2020 , 55, 7-22	1.6	4
23	Diet, Plasma, Erythrocytes, and Spermatozoa Fatty Acid Composition Changes in Young Vegan Men. <i>Lipids</i> , 2020 , 55, 639-648	1.6	4

22	Docosahexaenoic acid (DHA) accretion in the placenta but not the fetus is matched by plasma unesterified DHA uptake rates in pregnant Long Evans rats. <i>Placenta</i> , 2017 , 58, 90-97	3.4	3
21	Intramuscular injection of antigens and adjuvant preferentially decreases 18:2n-6 and 18:3n-3 in pig neck muscle. <i>Lipids</i> , 2003 , 38, 1221-6	1.6	3
20	The association of soluble CD163, a novel biomarker of macrophage activation, with type 2 diabetes mellitus and its underlying physiological disorders: A systematic review. <i>Obesity Reviews</i> , 2021 , 22, e13257	10.6	3
19	Transgenic camelina oil is an effective source of eicosapentaenoic acid and docosahexaenoic acid in diets for farmed rainbow trout, in terms of growth, tissue fatty acid content, and fillet sensory properties. <i>Journal of the World Aquaculture Society</i> , 2021 , 52, 961-986	2.5	3
18	Almond Bioaccessibility in a Randomized Crossover Trial: Is a Calorie a Calorie?. <i>Mayo Clinic Proceedings</i> , 2021 , 96, 2386-2397	6.4	3
17	The Distribution of Fatty Acid Biomarkers of Dairy Intake across Serum Lipid Fractions: The Prospective Metabolism and Islet Cell Evaluation (PROMISE) Cohort. <i>Lipids</i> , 2019 , 54, 617-627	1.6	2
16	Adipose Tissue Insulin Resistance Is Longitudinally Associated With Adipose Tissue Dysfunction, Circulating Lipids, and Dysglycemia: The PROMISE Cohort. <i>Diabetes Care</i> , 2021 , 44, 1682-1691	14.6	2
15	Plasma unesterified eicosapentaenoic acid is converted to docosahexaenoic acid (DHA) in the liver and supplies the brain with DHA in the presence or absence of dietary DHA. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2021 , 1866, 158942	5	2
14	Brain Fatty Acid Uptake. <i>Advances in Neurobiology</i> , 2012 , 793-817	2.1	2
13	Dietary Omega-3 Polyunsaturated Fatty Acid Deprivation Does Not Alter Seizure Thresholds but May Prevent the Anti-seizure Effects of Injected Docosahexaenoic Acid in Rats. <i>Frontiers in Neurology</i> , 2018 , 9, 1188	4.1	1
12	Apparent conflicts of interest do not preclude scientific rigor. <i>American Journal of Clinical Nutrition</i> , 2020 , 111, 915-916	7	1
11	Serum lipid analysis and isotopic enrichment is suggestive of greater lipogenesis in young long-term cannabis users: A secondary analysis of a case-control study.. <i>Lipids</i> , 2022 ,	1.6	1
10	Biochemical Alterations in White Matter Tracts of the Aging Mouse Brain Revealed by FTIR Spectroscopy Imaging. <i>Neurochemical Research</i> , 2021 , 1	4.6	1
9	sp. (T18) Oil as a Fish Oil Replacement in Diets for Juvenile Rainbow Trout (): Effects on Growth Performance, Tissue Fatty Acid Content, and Lipid-Related Transcript Expression. <i>Animals</i> , 2021 , 11,	3.1	1
8	The role of peripheral fatty acids as biomarkers for Alzheimer's disease and brain inflammation. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2021 , 164, 102205	2.8	1
7	Fatty acid dysregulation in the anterior cingulate cortex of depressed suicides with a history of child abuse. <i>Translational Psychiatry</i> , 2021 , 11, 535	8.6	0
6	Tetracosahexaenylethanolamide, a novel -acylethanolamide, is elevated in ischemia and increases neuronal output. <i>Journal of Lipid Research</i> , 2020 , 61, 1480-1490	6.3	0
5	Determinants of fatty acid content and composition of human milk fed to infants born weighing . <i>American Journal of Clinical Nutrition</i> , 2021 , 114, 1523-1534	7	0

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| 4 | Murine and human microglial cells are relatively enriched with eicosapentaenoic acid compared to the whole brain. <i>Neurochemistry International</i> , 2021 , 150, 105154 | 4.4 | o |
| 3 | Retraction note to: Chronic fluoxetine increases cytosolic phospholipase A2 activity and arachidonic acid turnover in brain phospholipids of the unanesthetized rat. <i>Psychopharmacology</i> , 2017 , 234, 523 | 4.7 | |
| 2 | Nonesterified Fatty Acids and Depression in Cancer Patients and Caregivers. <i>Current Developments in Nutrition</i> , 2020 , 4, nzaa156 | 0.4 | |
| 1 | Dairy product consumption is associated with a lowering of linoleic acid within serum TAG in adolescent females with overweight or obesity: a secondary analysis. <i>British Journal of Nutrition</i> , 2021 , 1-10 | 3.6 | |