

# Richard P Bazinet

## 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.

129  
papers

4,692  
citations

38  
h-index

65  
g-index

132  
ext. papers

5,468  
ext. citations

5.7  
avg, IF

6.14  
L-index

#	Paper	IF	Citations
129	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> , <b>2022</b> ,	1.6	1
128	Biochemical Alterations in White Matter Tracts of the Aging Mouse Brain Revealed by FTIR Spectroscopy Imaging. <i>Neurochemical Research</i> , <b>2021</b> , 1	4.6	1
127	Fatty acid dysregulation in the anterior cingulate cortex of depressed suicides with a history of child abuse. <i>Translational Psychiatry</i> , <b>2021</b> , 11, 535	8.6	0
126	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> , <b>2021</b> , 11,	3.1	1
125	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> , <b>2021</b> , 22, e13257	10.6	3
124	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> , <b>2021</b> , 1-10	3.6	
123	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> , <b>2021</b> , 52, 961-986	2.5	3
122	Adipose Tissue Insulin Resistance Is Longitudinally Associated With Adipose Tissue Dysfunction, Circulating Lipids, and Dysglycemia: The PROMISE Cohort. <i>Diabetes Care</i> , <b>2021</b> , 44, 1682-1691	14.6	2
121	Determinants of fatty acid content and composition of human milk fed to infants born weighing . <i>American Journal of Clinical Nutrition</i> , <b>2021</b> , 114, 1523-1534	7	0
120	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> , <b>2021</b> , 35, 107798	3.2	7
119	The role of peripheral fatty acids as biomarkers for Alzheimer's disease and brain inflammation. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , <b>2021</b> , 164, 102205	2.8	1
118	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> , <b>2021</b> , 56, 211-228	1.6	5
117	The need for precision nutrition, genetic variation and resolution in Covid-19 patients. <i>Molecular Aspects of Medicine</i> , <b>2021</b> , 77, 100943	16.7	13
116	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> , <b>2021</b> , 1866, 158942	5	2
115	Almond Bioaccessibility in a Randomized Crossover Trial: Is a Calorie a Calorie?. <i>Mayo Clinic Proceedings</i> , <b>2021</b> , 96, 2386-2397	6.4	3
114	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> , <b>2021</b> , 22, e13330	10.6	8
113	Murine and human microglial cells are relatively enriched with eicosapentaenoic acid compared to the whole brain. <i>Neurochemistry International</i> , <b>2021</b> , 150, 105154	4.4	0

112	Ethanolamides of essential linolenic and linoleic fatty acids suppress short-term food intake in rats. <i>Food and Function</i> , <b>2020</b> , 11, 3066-3072	6.1	5
111	Peripheral cytokine and fatty acid associations with neuroinflammation in AD and aMCI patients: An exploratory study. <i>Brain, Behavior, and Immunity</i> , <b>2020</b> , 87, 679-688	16.6	11
110	Apparent conflicts of interest do not preclude scientific rigor. <i>American Journal of Clinical Nutrition</i> , <b>2020</b> , 111, 915-916	7	1
109	Acute Hypercapnia/Ischemia Alters the Esterification of Arachidonic Acid and Docosahexaenoic Acid Epoxide Metabolites in Rat Brain Neutral Lipids. <i>Lipids</i> , <b>2020</b> , 55, 7-22	1.6	4
108	Turnover of brain DHA in mice is accurately determined by tracer-free natural abundance carbon isotope ratio analysis. <i>Journal of Lipid Research</i> , <b>2020</b> , 61, 116-126	6.3	6
107	Nonesterified Fatty Acids and Depression in Cancer Patients and Caregivers. <i>Current Developments in Nutrition</i> , <b>2020</b> , 4, nzaa156	0.4	
106	Do Eicosapentaenoic Acid and Docosahexaenoic Acid Have the Potential to Compete against Each Other?. <i>Nutrients</i> , <b>2020</b> , 12,	6.7	11
105	Diet, Plasma, Erythrocytes, and Spermatozoa Fatty Acid Composition Changes in Young Vegan Men. <i>Lipids</i> , <b>2020</b> , 55, 639-648	1.6	4
104	Tetracosahexaenoylethanolamide, a novel -acylethanolamide, is elevated in ischemia and increases neuronal output. <i>Journal of Lipid Research</i> , <b>2020</b> , 61, 1480-1490	6.3	0
103	Brain eicosapentaenoic acid metabolism as a lead for novel therapeutics in major depression. <i>Brain, Behavior, and Immunity</i> , <b>2020</b> , 85, 21-28	16.6	27
102	Projected declines in global DHA availability for human consumption as a result of global warming. <i>Ambio</i> , <b>2020</b> , 49, 865-880	6.5	55
101	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> , <b>2019</b> , 149, 586-595 <sup>41</sup>	5.9	9
100	The Mitochondrial Transacylase, Tafazzin, Regulates for AML Stemness by Modulating Intracellular Levels of Phospholipids. <i>Cell Stem Cell</i> , <b>2019</b> , 24, 621-636.e16	18	19
99	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> , <b>2019</b> , 63, e1801224	5.9	19
98	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> , <b>2019</b> , 54, 617-627	1.6	2
97	Updates to the n-3 polyunsaturated fatty acid biosynthesis pathway: DHA synthesis rates, tetracosahexaenoic acid and (minimal) retroconversion. <i>Progress in Lipid Research</i> , <b>2019</b> , 76, 101008	14.3	33
96	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> , <b>2019</b> , 16, 237	10.1	5
95	Docosahexaenoic acid is both a product of and a precursor to tetracosahexaenoic acid in the rat. <i>Journal of Lipid Research</i> , <b>2019</b> , 60, 412-420	6.3	9

94	Brain oxylipin concentrations following hypercapnia/ischemia: effects of brain dissection and dissection time. <i>Journal of Lipid Research</i> , <b>2019</b> , 60, 671-682	6.3	16
93	How the plasma lysophospholipid and unesterified fatty acid pools supply the brain with docosahexaenoic acid. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , <b>2019</b> , 142, 1-3	2.8	15
92	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> , <b>2019</b> , 22, 223-234	3.6	6
91	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> , <b>2018</b> , 9, 1188	4.1	1
90	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> , <b>2018</b> , 145, 504-515	6	10
89	Brain docosahexaenoic acid uptake and metabolism. <i>Molecular Aspects of Medicine</i> , <b>2018</b> , 64, 109-134	16.7	69
88	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> , <b>2018</b> , 59, 357-367	6.3	15
87	Association of NEFA composition with insulin sensitivity and beta cell function in the Prospective Metabolism and Islet Cell Evaluation (PROMISE) cohort. <i>Diabetologia</i> , <b>2018</b> , 61, 821-830	10.3	26
86	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> , <b>2018</b> , 1863, 1388-1398	5	4
85	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> , <b>2018</b> , 60, 24-34	6.3	7
84	Quantitation of Human Whole-Body Synthesis-Secretion Rates of Docosahexaenoic Acid and Eicosapentaenoate Acid from Circulating Unesterified Linolenic Acid at Steady State. <i>Lipids</i> , <b>2018</b> , 53, 547-558	1.6	9
83	Anti-Inflammatory Effects of Omega-3 Fatty Acids in the Brain: Physiological Mechanisms and Relevance to Pharmacology. <i>Pharmacological Reviews</i> , <b>2018</b> , 70, 12-38	22.5	186
82	Mechanisms regulating brain docosahexaenoic acid uptake: what is the recent evidence?. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , <b>2018</b> , 21, 71-77	3.8	10
81	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> , <b>2018</b> , 69, 74-90	16.6	20
80	ACSL6 is critical for maintaining brain DHA levels. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2018</b> , 115, 12343-12345	11.5	12
79	Dietary fatty acids augment tissue levels of n-acyl ethanolamines in n-acyl phosphatidylethanolamine phospholipase D (NAPE-PLD) knockout mice. <i>Journal of Nutritional Biochemistry</i> , <b>2018</b> , 62, 134-142	6.3	6
78	Increased brain docosahexaenoic acid has no effect on the resolution of neuroinflammation following intracerebroventricular lipopolysaccharide injection. <i>Neurochemistry International</i> , <b>2018</b> , 118, 115-126	4.4	5
77	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> , <b>2018</b> , 53, 481-490	1.6	11

76	Serum n-3 Tetracosapentaenoic Acid and Tetracosahexaenoic Acid Increase Following Higher Dietary $\Omega$ -linolenic Acid but not Docosahexaenoic Acid. <i>Lipids</i> , <b>2017</b> , 52, 167-172	1.6	13
75	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> , <b>2017</b> , 5, e000251	4.5	12
74	Fatty acid amide hydrolase (FAAH) regulates hypercapnia/ischemia-induced increases in n-acylethanolamines in mouse brain. <i>Journal of Neurochemistry</i> , <b>2017</b> , 142, 662-671	6	9
73	Effect of omega-3 supplementation on neuropathy in type 1 diabetes: A 12-month pilot trial. <i>Neurology</i> , <b>2017</b> , 88, 2294-2301	6.5	68
72	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> , <b>2017</b> , 46, 143-150	6.3	13
71	Retraction note to: Chronic fluoxetine increases cytosolic phospholipase A2 activity and arachidonic acid turnover in brain phospholipids of the unanesthetized rat. <i>Psychopharmacology</i> , <b>2017</b> , 234, 523	4.7	
70	High-resolution lipidomics coupled with rapid fixation reveals novel ischemia-induced signaling in the rat neurolipidome. <i>Journal of Neurochemistry</i> , <b>2017</b> , 140, 766-775	6	16
69	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> , <b>2017</b> , 14, 75	4.6	29
68	Individual serum saturated fatty acids and markers of chronic subclinical inflammation: the Insulin Resistance Atherosclerosis Study. <i>Journal of Lipid Research</i> , <b>2017</b> , 58, 2171-2179	6.3	7
67	Vulnerability to omega-3 deprivation in a mouse model of NMDA receptor hypofunction. <i>NPJ Schizophrenia</i> , <b>2017</b> , 3, 12	5.5	10
66	Phospholipid class-specific brain enrichment in response to lysophosphatidylcholine docosahexaenoic acid infusion. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , <b>2017</b> , 1862, 1092-1098	5	15
65	Linoleic acid participates in the response to ischemic brain injury through oxidized metabolites that regulate neurotransmission. <i>Scientific Reports</i> , <b>2017</b> , 7, 4342	4.9	27
64	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> , <b>2017</b> , 58, 90-97	3.4	3
63	Compound-specific isotope analysis resolves the dietary origin of docosahexaenoic acid in the mouse brain. <i>Journal of Lipid Research</i> , <b>2017</b> , 58, 2071-2081	6.3	23
62	Whole-Body Docosahexaenoic Acid Synthesis-Secretion Rates in Rats Are Constant across a Large Range of Dietary $\Omega$ -linolenic Acid Intakes. <i>Journal of Nutrition</i> , <b>2017</b> , 147, 37-44	4.1	17
61	Imaging Microglial Activation in Untreated First-Episode Psychosis: A PET Study With [ $^{18}$ F]FEPPA. <i>American Journal of Psychiatry</i> , <b>2017</b> , 174, 118-124	11.9	81
60	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> , <b>2016</b> , 27, 104-111	6.3	6
59	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> , <b>2016</b> , 1861, 997-1004	5	19

58	N-3 polyunsaturated fatty acids in animal models with neuroinflammation: An update. <i>European Journal of Pharmacology</i> , <b>2016</b> , 785, 187-206	5.3	68
57	Effect of dietary docosahexaenoic acid (DHA) in phospholipids or triglycerides on brain DHA uptake and accretion. <i>Journal of Nutritional Biochemistry</i> , <b>2016</b> , 33, 91-102	6.3	61
56	Lowering dietary n-6 polyunsaturated fatty acids: interaction with brain arachidonic and docosahexaenoic acids. <i>Current Opinion in Lipidology</i> , <b>2016</b> , 27, 54-66	4.4	17
55	Brain omega-3 polyunsaturated fatty acids modulate microglia cell number and morphology in response to intracerebroventricular amyloid- $\beta$ -40 in mice. <i>Journal of Neuroinflammation</i> , <b>2016</b> , 13, 257	10.1	47
54	Longitudinal Associations of Phospholipid and Cholesteryl Ester Fatty Acids With Disorders Underlying Diabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2016</b> , 101, 2536-44	5.6	7
53	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> , <b>2015</b> , 309, E35-44	6	46
52	Is docosahexaenoic acid synthesis from linolenic acid sufficient to supply the adult brain?. <i>Progress in Lipid Research</i> , <b>2015</b> , 59, 54-66	14.3	133
51	Oxidation and rapid metabolism, but not uptake regulate brain eicosapentaenoic acid levels. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , <b>2015</b> , 92, 33-40	2.8	70
50	Plasma non-esterified docosahexaenoic acid is the major pool supplying the brain. <i>Scientific Reports</i> , <b>2015</b> , 5, 15791	4.9	81
49	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> , <b>2015</b> , 7, 9804-24	6.7	46
48	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> , <b>2015</b> , 50, 71-6	3.2	8
47	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> , <b>2015</b> , 56, 390-402	6.3	32
46	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> , <b>2014</b> , 320, 302-10	4.2	67
45	Polyunsaturated fatty acids and their metabolites in brain function and disease. <i>Nature Reviews Neuroscience</i> , <b>2014</b> , 15, 771-85	13.5	729
44	17 $\beta$ -Estradiol increases liver and serum docosahexaenoic acid in mice fed varying levels of linolenic acid. <i>Lipids</i> , <b>2014</b> , 49, 745-56	1.6	10
43	Intraperitoneal administration of docosahexaenoic acid for 14 days increases serum unesterified DHA and seizure latency in the maximal pentylenetetrazol model. <i>Epilepsy and Behavior</i> , <b>2014</b> , 33, 138-43	3.2	18
42	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> , <b>2014</b> , 34, 376-9	7.3	18
41	Effect of almond consumption on the serum fatty acid profile: a dose-response study. <i>British Journal of Nutrition</i> , <b>2014</b> , 112, 1137-46	3.6	26



40	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> , <b>2014</b> , 55, 62-74	6.3	64
39	Selective reduction of excitatory hippocampal sharp waves by docosahexaenoic acid and its methyl ester analog ex-vivo. <i>Brain Research</i> , <b>2013</b> , 1537, 9-17	3.7	18
38	n-3 Polyunsaturated fatty acids in animal models with neuroinflammation. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , <b>2013</b> , 88, 97-103	2.8	75
37	Unesterified docosahexaenoic acid is protective in neuroinflammation. <i>Journal of Neurochemistry</i> , <b>2013</b> , 127, 378-93	6	117
36	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> , <b>2013</b> , 27, 49-58	3.2	21
35	The low levels of eicosapentaenoic acid in rat brain phospholipids are maintained via multiple redundant mechanisms. <i>Journal of Lipid Research</i> , <b>2013</b> , 54, 2410-22	6.3	70
34	Increases in seizure latencies induced by subcutaneous docosahexaenoic acid are lost at higher doses. <i>Epilepsy Research</i> , <b>2012</b> , 99, 225-32	3	26
33	Brain Fatty Acid Uptake. <i>Advances in Neurobiology</i> , <b>2012</b> , 793-817	2.1	2
32	Rapid de-esterification and loss of eicosapentaenoic acid from rat brain phospholipids: an intracerebroventricular study. <i>Journal of Neurochemistry</i> , <b>2011</b> , 116, 363-73	6	68
31	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> , <b>2010</b> , 51, 535-43	6.3	20
30	Cyclooxygenase-2 and n-6 PUFA are lower and DHA is higher in the cortex of fat-1 mice. <i>Neurochemistry International</i> , <b>2010</b> , 56, 585-9	4.4	21
29	The very low density lipoprotein receptor is not necessary for maintaining brain polyunsaturated fatty acid concentrations. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , <b>2010</b> , 82, 141-5	2.8	29
28	Brain arachidonic acid uptake and turnover: implications for signaling and bipolar disorder. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , <b>2010</b> , 13, 130-8	3.8	18
27	Genetic ablation of CD36 does not alter mouse brain polyunsaturated fatty acid concentrations. <i>Lipids</i> , <b>2010</b> , 45, 291-9	1.6	43
26	The fat-1 mouse has brain docosahexaenoic acid levels achievable through fish oil feeding. <i>Neurochemical Research</i> , <b>2010</b> , 35, 811-9	4.6	33
25	Fat intake and CNS functioning: ageing and disease. <i>Annals of Nutrition and Metabolism</i> , <b>2009</b> , 55, 202-28	4.5	39
24	Experimental models and mechanisms underlying the protective effects of n-3 polyunsaturated fatty acids in Alzheimer's disease. <i>Journal of Nutritional Biochemistry</i> , <b>2009</b> , 20, 1-10	6.3	82
23	Rapid beta-oxidation of eicosapentaenoic acid in mouse brain: an in situ study. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , <b>2009</b> , 80, 157-63	2.8	117

22	Diffusion of docosahexaenoic and eicosapentaenoic acids through the blood-brain barrier: An in situ cerebral perfusion study. <i>Neurochemistry International</i> , <b>2009</b> , 55, 476-82	4.4	157
21	Is the brain arachidonic acid cascade a common target of drugs used to manage bipolar disorder?. <i>Biochemical Society Transactions</i> , <b>2009</b> , 37, 1104-9	5.1	22
20	Regulation of brain polyunsaturated fatty acid uptake and turnover. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , <b>2008</b> , 79, 85-91	2.8	113
19	The low density lipoprotein receptor is not necessary for maintaining mouse brain polyunsaturated fatty acid concentrations. <i>Journal of Lipid Research</i> , <b>2008</b> , 49, 147-52	6.3	71
18	The emerging role of group VI calcium-independent phospholipase A2 in releasing docosahexaenoic acid from brain phospholipids. <i>Journal of Lipid Research</i> , <b>2008</b> , 49, 939-44	6.3	91
17	The emerging role of docosahexaenoic acid in neuroinflammation. <i>Current Opinion in Investigational Drugs</i> , <b>2008</b> , 9, 735-43		51
16	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> , <b>2007</b> , 30, 2804-10	14.6	107
15	Chronic NMDA administration to rats up-regulates frontal cortex cytosolic phospholipase A2 and its transcription factor, activator protein-2. <i>Journal of Neurochemistry</i> , <b>2007</b> , 102, 1918-1927	6	49
14	Chronic fluoxetine increases cytosolic phospholipase A(2) activity and arachidonic acid turnover in brain phospholipids of the unanesthetized rat. <i>Psychopharmacology</i> , <b>2007</b> , 190, 103-15	4.7	40
13	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> , <b>2007</b> , 77, 239-46	2.8	27
12	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> , <b>2006</b> , 184, 122-9	4.7	53
11	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> , <b>2006</b> , 59, 401-7	7.9	89
10	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> , <b>2006</b> , 1761, 1050-9	5	116
9	Chronic valproate does not alter the kinetics of docosahexaenoic acid within brain phospholipids of the unanesthetized rat. <i>Psychopharmacology</i> , <b>2005</b> , 182, 180-5	4.7	46
8	Rapid high-energy microwave fixation is required to determine the anandamide (N-arachidonylethanolamine) concentration of rat brain. <i>Neurochemical Research</i> , <b>2005</b> , 30, 597-601	4.6	62
7	Topiramate does not alter the kinetics of arachidonic or docosahexaenoic acid in brain phospholipids of the unanesthetized rat. <i>Neurochemical Research</i> , <b>2005</b> , 30, 677-83	4.6	36
6	Dietary 18:3omega3 influences immune function and the tissue fatty acid response to antigens and adjuvant. <i>Immunology Letters</i> , <b>2004</b> , 95, 85-90	4.1	8
5	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> , <b>2003</b> , 44, 314-9	6.3	17



4	Whole-body utilization of n-3 PUFA in n-6 PUFA-deficient rats. <i>Lipids</i> , <b>2003</b> , 38, 187-9	1.6	15
3	Why is carbon from some polyunsaturates extensively recycled into lipid synthesis?. <i>Lipids</i> , <b>2003</b> , 38, 477-84	1.6	72
2	Intramuscular injection of antigens and adjuvant preferentially decreases 18:2n-6 and 18:3n-3 in pig neck muscle. <i>Lipids</i> , <b>2003</b> , 38, 1221-6	1.6	3
1	Dietary alpha-linolenic acid increases the n-3 PUFA content of sow's milk and the tissues of the suckling piglet. <i>Lipids</i> , <b>2003</b> , 38, 1045-9	1.6	33