

Direct transesterification of all classes of lipids in a one-

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Taurine Supplementation of a Premature Formula Improves Fat Absorption in Preterm Infants. <i>Pediatric Research</i> , 1987, 22, 67-71.	1.1	29
2	Chapter 1 General Strategies for Practical Chromatographic Analysis of LIPIDS. <i>Journal of Chromatography Library</i> , 1987, 37, 1-47.	0.1	1
3	Storage of medium-chain triglycerides in adipose tissue of orally fed infants. <i>American Journal of Clinical Nutrition</i> , 1987, 45, 399-405.	2.2	82
4	Separation and quantitation of fatty acids, sterols and bile acids in feces by gas chromatography as the butyl ester acetate derivatives. <i>Biomedical Applications</i> , 1987, 415, 13-26.	1.7	39
5	The influence of dietary fat on the lipogenic activity and fatty acid composition of rat white adipose tissue. <i>Lipids</i> , 1987, 22, 338-344.	0.7	31
6	Plasma and lipoprotein fatty acid composition in glycogen storage disease type I. <i>Lipids</i> , 1987, 22, 381-385.	0.7	18
7	Lipids of the developing human retina. I. Total fatty acids, plasmalogens, and fatty acid composition of ethanolamine and choline phosphoglycerides. <i>Journal of Neuroscience Research</i> , 1988, 20, 484-490.	1.3	85
8	Lipid abnormalities in pancreatic tissue of streptozotocin-induced diabetic rats. <i>Lipids</i> , 1988, 23, 771-778.	0.7	12
9	Transesterification of cholesteryl esters. <i>JAOCS, Journal of the American Oil Chemists' Society</i> , 1988, 65, 780-782.	0.8	12
10	Effect of Dietary Stearic Acid on Plasma Cholesterol and Lipoprotein Levels. <i>New England Journal of Medicine</i> , 1988, 318, 1244-1248.	13.9	816
11	Comparison of a High-Carbohydrate Diet with a High-Monounsaturated-Fat Diet in Patients with Non-Insulin-Dependent Diabetes Mellitus. <i>New England Journal of Medicine</i> , 1988, 319, 829-834.	13.9	383
12	Hexacosanoate contents in Japanese common foods.. <i>Journal of Nutritional Science and Vitaminology</i> , 1988, 34, 633-639.	0.2	4
13	Intestinal Absorption of Stearic Acid after Consumption of High Fat Meals in Humans. <i>Journal of Nutrition</i> , 1989, 119, 1556-1560.	1.3	58
14	Beneficial Effect of Coinfusing a Lipid Emulsion on Venous Patency. <i>Journal of Parenteral and Enteral Nutrition</i> , 1989, 13, 637-640.	1.3	26
15	Polyunsaturated fatty acid changes suggesting a new enzymatic defect in Zellweger Syndrome. <i>Lipids</i> , 1989, 24, 261-265.	0.7	70
16	A rapid screening technique for determining the lipid composition of soybean seeds. <i>JAOCS, Journal of the American Oil Chemists' Society</i> , 1989, 66, 543-548.	0.8	53
17	Fatty acid and lipid analysis of the house cricket, <i>Acheta domesticus</i> . <i>Insect Biochemistry</i> , 1989, 19, 767-774.	1.8	35
18	Lipid abnormalities in the brain in adult Down's syndrome and Alzheimer's disease. <i>Molecular and Chemical Neuropathology</i> , 1989, 11, 157-185.	1.0	58

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19	Improved determination of very-long-chain fatty acids in plasma and cultured skin fibroblasts: applications to the diagnosis of peroxisomal disorders. <i>Biomedical Applications</i> , 1989, 494, 31-41.	1.7	23
20	Antioxidant Enzymes and Related Trace Elements in Aging Brain Capillaries and Choroid Plexus. <i>Journal of Neurochemistry</i> , 1989, 53, 817-824.	2.1	113
21	High uptake and rapid metabolism of palmitate in peripheral nerves of normal and Trembler mice in vivo: Similarities and differences. <i>Neurochemistry International</i> , 1989, 15, 61-71.	1.9	8
22	Phospholipid and fatty acid composition of erythrocytes in type I and type II diabetes. <i>Metabolism: Clinical and Experimental</i> , 1989, 38, 673-678.	1.5	30
23	Effect of Dietary Lipids and Vitamin E on in Vitro Lipid Peroxidation in Rat Liver and Kidney Homogenates. <i>Journal of Nutrition</i> , 1989, 119, 1574-1582.	1.3	163
24	Fluorescence Polarization Changes with Gestational Age in Amniotic Fluid of Rabbit and Guinea Pig. <i>Experimental Lung Research</i> , 1990, 16, 507-519.	0.5	0
25	Alteration of α -Tocopherol Content in the Developing and Aging Peripheral Nervous System: Persistence of High Correlations with Total and Specific (n-6) Polyunsaturated Fatty Acids. <i>Journal of Neurochemistry</i> , 1990, 54, 2110-2117.	2.1	18
26	Sample preparation for organic acids in biological fluids. <i>Analytica Chimica Acta</i> , 1990, 236, 121-130.	2.6	18
27	Fatty acid content of marine oil capsules. <i>Lipids</i> , 1990, 25, 523-528.	0.7	49
28	Phospholipid fatty acid composition of various mouse tissues after feeding $^{18}\alpha$ -linolenate ($^{18}\alpha$ -linolenic acid) or eicosatrienoate ($^{20}\alpha$ -linolenic acid). <i>Lipids</i> , 1990, 25, 473-480.	0.7	33
29	Lipid peroxidation in rat tissue slices: Effect of dietary vitamin E, corn oil-lard and menhaden oil. <i>Lipids</i> , 1990, 25, 125-129.	0.7	80
30	Oxidant stress inhibits the endogenous production of lipoxygenase metabolites in rat lungs and fish gills. <i>Free Radical Biology and Medicine</i> , 1990, 8, 441-448.	1.3	18
31	Rapid analysis of non-esterified fatty acids as methyl esters from different biological specimens by gas chromatography after one-step esterification. <i>Biomedical Applications</i> , 1990, 526, 319-329.	1.7	44
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33	Nutrition factors in relation to cellular and regulatory immune variables in a free-living elderly population. <i>American Journal of Clinical Nutrition</i> , 1990, 52, 927-932.	2.2	55
34	A mixed Australian fish diet and fish-oil supplementation: impact on the plasma lipid profile of healthy men. <i>American Journal of Clinical Nutrition</i> , 1990, 52, 825-833.	2.2	38
35	Effect of Dietary Fat Source on Lipoprotein Composition and Plasma Lipid Concentrations in Pigs. <i>Journal of Nutrition</i> , 1990, 120, 1126-1133.	1.3	17
36	Effect of fish oil on atherogenesis in Watanabe heritable hyperlipidemic rabbit.. <i>Arteriosclerosis (Dallas, Tex)</i> , 1990, 10, 597-606.	4.9	36

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37	Dietary fish oil reduces progression of chronic inflammatory lesions in a rat model of granulomatous colitis.. Gut, 1990, 31, 539-544.	6.1	173
38	The effects of dietary n $\hat{\sim}$ 3 fatty acid in animal models of type 1 and type 2 diabetes. Diabetes Research and Clinical Practice, 1990, 9, 225-230.	1.1	14
39	Fatty acid composition of serum cholesterol esters in different degrees of glucose intolerance: A population-based study. Metabolism: Clinical and Experimental, 1990, 39, 1285-1291.	1.5	85
40	Effects of medium-chain triglyceride feeding on energy balance in adult humans. Metabolism: Clinical and Experimental, 1990, 39, 887-891.	1.5	23
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42	Influence of polyunsaturated and saturated dietary lipids on adipose tissue, brain and mitochondrial membrane fatty acid composition of a mammalian hibernator. Lipids and Lipid Metabolism, 1990, 1046, 159-166.	2.6	74
43	Erythrocyte eicosapentaenoic acid versus docosahexaenoic acid as a marker for fish and fish oil consumption. Prostaglandins Leukotrienes and Essential Fatty Acids, 1991, 44, 103-106.	1.0	38
44	Phospholipid fatty acid composition and respiratory properties of heart and liver mitochondria from rats fed with or deprived of linolenic acid. Nutrition Research, 1991, 11, 71-77.	1.3	16
45	Partially purified rabbit gastric lipase: in vitro and in vivo experiments to assess its potential contribution to gastric and intestinal lipolysis. Nutrition Research, 1991, 11, 607-619.	1.3	5
46	Monensin blocks the transfer of very long chain fatty acid containing lipids to the plasma membrane of leek seedlings. Evidence for lipid sorting based on fatty acyl chain length. Biochimica Et Biophysica Acta - Biomembranes, 1991, 1070, 127-134.	1.4	24
47	Dietary fat saturation in rhesus monkey affects LDL concentrations by modulating the independent production of LDL apolipoprotein B. Lipids and Lipid Metabolism, 1991, 1083, 46-56.	2.6	41
48	Extensive incorporation of dietary $\hat{\sim}$ 5,11,14 eicosatrienoate into the phosphatidylinositol pool. Lipids and Lipid Metabolism, 1991, 1085, 371-376.	2.6	43
49	Fish and fish oil intake: Effect on haematological variables related to cardiovascular disease. Thrombosis Research, 1991, 64, 169-178.	0.8	33
50	Persistent changes in the fatty acid composition of erythrocyte membranes after moderate intake of n $\hat{\sim}$ 3 polyunsaturated fatty acids: study design implications. American Journal of Clinical Nutrition, 1991, 54, 668-673.	2.2	109
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53	Analysis of polyunsaturated fatty acids in blood serum after fish oil administration. Biomedical Applications, 1991, 572, 1-9.	1.7	33
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56	Evidence of extensive phospholipid fatty acid methylation during the assumed selective methylation of plasma free fatty acids by diazomethane. <i>Lipids</i> , 1991, 26, 548-552.	0.7	19
57	Species variation in the atherogenic profile of monkeys: Relationship between dietary fats, lipoproteins, and platelet aggregation. <i>Lipids</i> , 1991, 26, 213-222.	0.7	43
58	Headspace gas chromatography of volatile lipid peroxidation products from human red blood cell membranes. <i>Lipids</i> , 1991, 26, 479-484.	0.7	43
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60	The production of artifacts during preparation of fatty acid methyl esters from fish oils, food products and pathological samples. <i>Journal of High Resolution Chromatography</i> , 1991, 14, 322-326.	2.0	16
61	Analysis of the fatty acid composition of the lipid classes in human blood serum under normal diet and when supplemented with fish oil. <i>Journal of High Resolution Chromatography</i> , 1991, 14, 433-437.	2.0	7
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63	Incorporation and metabolism of radiolabelled linoleic acid in cultured cells of the moss <i>Rhytidiadelphus squarrosus</i> . <i>Phytochemistry</i> , 1991, 30, 2899-2903.	1.4	4
64	The effect of unsaturated and saturated dietary lipids on the pattern of daily torpor and the fatty acid composition of tissues and membranes of the deer mouse <i>Peromyscus maniculatus</i> . <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 1991, 161, 590-597.	0.7	92
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66	Effect of Feeding Palmitic, Oleic, and Linoleic Acids to Japanese Quail Hens (<i>Coturnix coturnix</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 1011.5	1.5	18
67	Moderate fish oil intake improves lipemic response to a standard fat meal. A study in 25 healthy men.. <i>Arteriosclerosis and Thrombosis: A Journal of Vascular Biology</i> , 1991, 11, 457-466.	3.8	59
68	Modulation of cellular phospholipid fatty acids and leukotriene B4 synthesis in the human intestinal cell (CaCo-2).. <i>Gut</i> , 1992, 33, 622-627.	6.1	41
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70	Vegetarians have higher plasma alpha-tocopherol relative to cholesterol than do nonvegetarians.. <i>Journal of the American College of Nutrition</i> , 1992, 11, 50-55.	1.1	26
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77	A prospective study of obesity, lipids, apolipoproteins and ischaemic heart disease in women. Atherosclerosis, 1992, 92, 177-185.	0.4	61
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80	Quantitative Analysis of Cellular Fatty Acids (CFAs) Composition of the Seven Species of Listeria. Systematic and Applied Microbiology, 1992, 15, 76-81.	1.2	8
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82	Formula $\hat{\pm}$ -linolenic (18:3 (n $\hat{\sim}$ 3)) and linoleic (18:2 (n $\hat{\sim}$ 6)) acid influence neonatal piglet liver and brain saturated fatty acids, as well as docosahexaenoic acid (22:6 (n $\hat{\sim}$ 3)). Lipids and Lipid Metabolism, 1992, 1125, 262-267.	2.6	22
83	Effect of docosahexaenoic acid on membrane fluidity and function in intact cultured Y-79 retinoblastoma cells. Archives of Biochemistry and Biophysics, 1992, 294, 564-570.	1.4	88
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92	Color Stability, Lipid Stability, and Nutrient Composition of Red and White Veal. Journal of Food Science, 1992, 57, 302-304.	1.5	40
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106	X-linked adrenoleukodystrophy: Biochemical diagnosis and enzyme defect. Journal of Inherited Metabolic Disease, 1992, 15, 634-644.	1.7	48
107	A method for specific analysis of free fatty acids in biological samples by capillary gas chromatography. Analytical Biochemistry, 1992, 206, 241-245.	1.1	22
108	Effect of a high fat diet on phospholipid class distribution and fatty acid composition in rat liver. International Journal of Biochemistry & Cell Biology, 1993, 25, 1539-1547.	0.8	7

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109	Einfluß der Vitamin E-Supplementierung auf den antioxidativen Stoffwechsel des Ferkels bei unterschiedlicher Linolsäureversorgung. <i>Lipid - Fett</i> , 1993, 95, 262-267.	0.6	0
110	Method for isolation of non-esterified fatty acids and several other classes of plasma lipids by column chromatography on silica gel. <i>Biomedical Applications</i> , 1993, 619, 9-19.	1.7	49
111	Modulation of fatty acid composition in murine brain by dietary unsaturated fats,. <i>Journal of Nutritional Biochemistry</i> , 1993, 4, 463-471.	1.9	3
112	A lack of correlation among fatty acids associated with different lipid classes in human milk. <i>Lipids</i> , 1993, 28, 157-159.	0.7	12
113	Interrelationship of stearic acid content and triacylglycerol composition of lard, beef tallow and cocoa butter in rats. <i>Lipids</i> , 1993, 28, 539-547.	0.7	33
115	Supplementation-induced changes in polyunsaturated fatty acid membrane and plasma composition do not modify mononuclear cell procoagulant activity. <i>Thrombosis Research</i> , 1993, 71, 95-101.	0.8	6
116	Cholesterol and fatty acid metabolism in piglets fed sow milk or infant formula with or without addition of cholesterol. <i>Metabolism: Clinical and Experimental</i> , 1993, 42, 1552-1559.	1.5	14
117	The role of fatty acid saturation on plasma lipids, lipoproteins, and apolipoproteins: I. Effects of whole food diets high in cocoa butter, olive oil, soybean oil, dairy butter, and milk chocolate on the plasma lipids of young men. <i>Metabolism: Clinical and Experimental</i> , 1993, 42, 121-129.	1.5	159
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119	Familial lecithin: cholesterol acyltransferase deficiency: further resolution of lipoprotein particle heterogeneity in the low density interval. <i>Atherosclerosis</i> , 1993, 104, 195-212.	0.4	29
120	Alteration of brain and liver microsomal polyunsaturated fatty acids following dietary vitamin E deficiency. <i>Neuroscience Letters</i> , 1993, 164, 163-166.	1.0	15
121	Essential fatty acids in infantile seborrheic dermatitis. <i>Journal of the American Academy of Dermatology</i> , 1993, 28, 957-961.	0.6	33
122	Cholesterol feeding induces cholesterol-rich VLDL in atherosclerosis-susceptible mice regardless of dietary fat content. <i>Nutrition Research</i> , 1993, 13, 549-561.	1.3	8
123	Intravascular metabolism of different fatty acids during lipid infusion in man. <i>Clinical Nutrition</i> , 1993, 12, 329-336.	2.3	23
124	Alteration of membrane fatty acid composition and inositol phosphate metabolism in HT-29 human colon cancer cells. <i>Nutrition and Cancer</i> , 1993, 19, 181-190.	0.9	13
125	Rate of alteration of hepatic mixed-function oxidase system in rats fed different dietary fats. <i>Biochemistry and Cell Biology</i> , 1993, 71, 530-537.	0.9	10
126	Dietary fats and torpor patterns in hibernating ground squirrels. <i>Canadian Journal of Zoology</i> , 1993, 71, 1182-1185.	0.4	56
127	Effects of canola, corn, and olive oils on fasting and postprandial plasma lipoproteins in humans as part of a National Cholesterol Education Program Step 2 diet.. <i>Arteriosclerosis and Thrombosis: A Journal of Vascular Biology</i> , 1993, 13, 1533-1542.	3.8	159

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128	Choline Incorporation into Phospholipids in Mesothelial Cells in Vitro. <i>Peritoneal Dialysis International</i> , 1993, 13, 289-295.	1.1	5
129	Beneficial effects of fish-oil supplements on lipids, lipoproteins, and lipoprotein lipase in patients with glycogen storage disease type I. <i>American Journal of Clinical Nutrition</i> , 1993, 57, 922-929.	2.2	26
130	Can linoleic acid contribute to coronary artery disease?. <i>American Journal of Clinical Nutrition</i> , 1993, 58, 228-234.	2.2	100
131	White Sturgeon Tissue Fatty Acid Compositions Are Affected by Dietary Lipids. <i>Journal of Nutrition</i> , 1993, 123, 1685-1692.	1.3	61
132	Saturated fatty acid chain length and positional distribution in infant formula: effects on growth and plasma lipids and ketones in piglets. <i>American Journal of Clinical Nutrition</i> , 1993, 57, 382-390.	2.2	64
133	Genetically Determined Body Weight Loss in Mice Fed Diets Containing Salmon Oil. <i>Journal of Nutrition</i> , 1993, 123, 547-558.	1.3	12
134	Docosahexaenoic Acid Is Transferred through Maternal Diet to Milk and to Tissues of Natural Milk-Fed Piglets. <i>Journal of Nutrition</i> , 1993, 123, 1668-1675.	1.3	69
135	Effect of taurine on synthesis of neutral and acidic sterols and fat absorption in preterm and full-term infants. <i>American Journal of Clinical Nutrition</i> , 1993, 58, 349-353.	2.2	22
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137	Increased phospholipase A activities in sera of intensive-care patients show sn-2 specificity but no acyl-chain selectivity. <i>Clinical Chemistry</i> , 1993, 39, 782-788.	1.5	5
138	Formula 18:2(n-6) and 18:3(n-3) Content and Ratio Influence Long-Chain Polyunsaturated Fatty Acids in the Developing Piglet Liver and Central Nervous System. <i>Journal of Nutrition</i> , 1994, 124, 289-298.	1.3	70
139	Dietary myristic, palmitic, and linoleic acids modulate cholesterolemia in gerbils. <i>FASEB Journal</i> , 1994, 8, 1191-1200.	0.2	49
140	Abnormal phospholipid metabolism in spur cell anemia: decreased fatty acid incorporation into phosphatidylethanolamine and increased incorporation into acylcarnitine in spur cell anemia erythrocytes. <i>Blood</i> , 1994, 84, 1283-1287.	0.6	29
141	Plasma and tissue lipids of piglets fed formula containing saturated fatty acids from medium-chain triglycerides with or without fish oil. <i>American Journal of Clinical Nutrition</i> , 1994, 59, 1317-1324.	2.2	18
142	Individual Responsiveness to a Cholesterol-Lowering Diet in Postmenopausal Women With Moderate Hypercholesterolemia. <i>Archives of Internal Medicine</i> , 1994, 154, 1977.	4.3	31
143	Individual Responses to a Cholesterol-Lowering Diet in 50 Men With Moderate Hypercholesterolemia. <i>Archives of Internal Medicine</i> , 1994, 154, 317.	4.3	57
144	Short communications. <i>Journal of Perinatal Medicine</i> , 1994, 22, 337-356.	0.6	8
145	Effects of dietary fish oil on fatty acids and eicosanoids in metastasizing human breast cancer cells. <i>Nutrition and Cancer</i> , 1994, 22, 131-141.	0.9	31

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146	Influence of dietary fat and feeding period on phosphoinositide metabolism in rat colonocytes. <i>Nutrition and Cancer</i> , 1994, 21, 71-81.	0.9	2
147	The degree of dietary fatty acid unsaturation affects torpor patterns and lipid composition of a hibernator. <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 1994, 164, 299-305.	0.7	84
148	Plasmacis-dec-4-enoic acid measured by isotope dilution mass spectrometry; an improved assay to diagnose medium-chain acyl-CoA dehydrogenase deficiency. <i>Journal of Inherited Metabolic Disease</i> , 1994, 17, 554-559.	1.7	3
149	Polyunsaturated fatty acid status in patients with phenylketonuria. <i>Journal of Inherited Metabolic Disease</i> , 1994, 17, 704-709.	1.7	37
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1111	Quality of olive oil reformulated MRE entrapped packaged in oxygen-absorbing film. <i>LWT - Food Science and Technology</i> , 2012, 45, 191-197.	2.5	4
1112	Fatty acid composition of membrane bilayers: Importance of diet polyunsaturated fat balance. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2012, 1818, 1309-1317.	1.4	194
1113	Comparative study of the oxidative and physical stability of liposomal and nanoliposomal polyunsaturated fatty acids prepared with conventional and Mozafari methods. <i>Food Chemistry</i> , 2012, 135, 2761-2770.	4.2	106
1114	Dietary supplementation with $n-3$ PUFA does not promote weight loss when combined with a very-low-energy diet. <i>British Journal of Nutrition</i> , 2012, 108, 1466-1474.	1.2	54
1115	Process synthesis of biodiesel production plant using artificial neural networks as the surrogate models. <i>Computers and Chemical Engineering</i> , 2012, 46, 105-123.	2.0	90
1116	Omega-3 polyunsaturated fatty acid profiling using fingertip-prick whole blood does not require overnight fasting before blood collection. <i>Nutrition Research</i> , 2012, 32, 547-556.	1.3	39
1117	The use of direct transesterification methods and autoclaving for determining fatty acid yields from dried Philippine thraustochytrids, a potential source of docosahexaenoic acid. <i>Journal of Functional Foods</i> , 2012, 4, 915-923.	1.6	8
1118	Dairy fat blends high in $\hat{\pm}$ -linolenic acid are superior to $n-3$ fatty-acid-enriched palm oil blends for increasing DHA levels in the brains of young rats. <i>Journal of Nutritional Biochemistry</i> , 2012, 23, 1573-1582.	1.9	41
1119	Algal Biomass Constituent Analysis: Method Uncertainties and Investigation of the Underlying Measuring Chemistries. <i>Analytical Chemistry</i> , 2012, 84, 1879-1887.	3.2	183
1120	Fast Transmethylation of Serum Lipids Using Microwave Irradiation. <i>Lipids</i> , 2012, 47, 1109-1117.	0.7	8
1121	Identification and Mechanism of 10-Carbon Fatty Acid as Modulating Ligand of Peroxisome Proliferator-activated Receptors. <i>Journal of Biological Chemistry</i> , 2012, 287, 183-195.	1.6	119
1122	Risks and benefits' consumption of birdbeak dogfish <i>Deania calcea</i> . <i>British Food Journal</i> , 2012, 114, 826-839.	1.6	5
1123	Composition of fatty acids in the maternal and umbilical cord plasma of adolescent and adult mothers: relationship with anthropometric parameters of newborn. <i>Lipids in Health and Disease</i> , 2012, 11, 157.	1.2	11
1124	Astaxanthin prevents changes in the activities of thioredoxin reductase and paraoxonase in hypercholesterolemic rabbits. <i>Journal of Clinical Biochemistry and Nutrition</i> , 2012, 51, 42-49.	0.6	51
1125	Title is missing!. <i>Turkish Journal of Fisheries and Aquatic Sciences</i> , 2012, 12, .	0.4	14

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1127	Plasma phospholipid fatty acid composition and estimated desaturase activity in heart failure patients with metabolic syndrome. <i>Journal of Clinical Biochemistry and Nutrition</i> , 2012, 51, 150-155.	0.6	7
1128	Generalized linear model describes determinants of total antioxidant capacity of refined vegetable oils. <i>European Journal of Lipid Science and Technology</i> , 2012, 114, 332-342.	1.0	26
1129	Morphology, biochemistry, and growth of raphidophyte strains from the Gulf of California. <i>Hydrobiologia</i> , 2012, 693, 81-97.	1.0	29
1130	Automated High-Throughput Fatty Acid Analysis of Umbilical Cord Serum and Application to an Epidemiological Study. <i>Lipids</i> , 2012, 47, 527-539.	0.7	41
1131	Improved Extraction of Saturated Fatty Acids but not Omega-3 Fatty Acids from Sheep Red Blood Cells Using a One-Step Extraction Procedure. <i>Lipids</i> , 2012, 47, 719-727.	0.7	28
1132	Accurate and reliable quantification of total microalgal fuel potential as fatty acid methyl esters by in situ transesterification. <i>Analytical and Bioanalytical Chemistry</i> , 2012, 403, 167-178.	1.9	182
1133	Unsaturation of Mitochondrial Membrane Lipids is Related to Palmitate Oxidation in Subsarcolemmal and Intermembranar Mitochondria. <i>Journal of Membrane Biology</i> , 2012, 245, 165-176.	1.0	15
1134	Fast and accurate preparation fatty acid methyl esters by microwave-assisted derivatization in the yeast <i>Saccharomyces cerevisiae</i> . <i>Applied Microbiology and Biotechnology</i> , 2012, 94, 1637-1646.	1.7	66
1135	Antioxidant mechanism of grape procyanidins in muscle tissues: Redox interactions with endogenous ascorbic acid and α -tocopherol. <i>Food Chemistry</i> , 2012, 134, 1767-1774.	4.2	46
1136	Gut bacteria profiles of <i>Mus musculus</i> at the phylum and family levels are influenced by saturation of dietary fatty acids. <i>Anaerobe</i> , 2012, 18, 331-337.	1.0	83
1137	Fatty acid profile of pregnant women with asthma. <i>E-SPEN Journal</i> , 2012, 7, e78-e85.	0.5	0
1138	A rapid GC-MS method for quantification of positional and geometric isomers of fatty acid methyl esters. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2012, 897, 98-104.	1.2	142
1139	Red Porgy, <i>Pagrus pagrus</i> , Larvae Performance and Nutritional Condition in Response to Different Weaning Regimes. <i>Journal of the World Aquaculture Society</i> , 2012, 43, 321-334.	1.2	19
1140	Effects of a normolipidic diet containing trans fatty acids during perinatal period on the growth, hippocampus fatty acid profile, and memory of young rats according to sex. <i>Nutrition</i> , 2012, 28, 458-464.	1.1	27
1141	Efficiencies of three common lipid extraction methods evaluated by calculating mass balances of the fatty acids. <i>Journal of Food Composition and Analysis</i> , 2012, 25, 198-207.	1.9	27
1142	Influence of dietary administration of a probiotic strain <i>Shewanella putrefaciens</i> on senegalese sole (<i>Solea senegalensis</i> , Kaup 1858) growth, body composition and resistance to <i>Photobacterium damsela</i> subsp. <i>piscicida</i> . <i>Aquaculture Research</i> , 2012, 43, 662-669.	0.9	47
1143	Blockade of kinin B ₁ receptor reverses plasma fatty acids composition changes and body and tissue fat gain in a rat model of insulin resistance. <i>Diabetes, Obesity and Metabolism</i> , 2012, 14, 244-253.	2.2	27

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1146	Omega-3 fatty acids, polymorphisms and lipid related cardiovascular disease risk factors in the Inuit population. <i>Nutrition and Metabolism</i> , 2013, 10, 26.	1.3	19
1147	Dietary oil composition differentially modulates intestinal endotoxin transport and postprandial endotoxemia. <i>Nutrition and Metabolism</i> , 2013, 10, 6.	1.3	104
1148	Feasibility of omega-3 fatty acid supplementation as an adjunct therapy for people with chronic obstructive pulmonary disease: study protocol for a randomized controlled trial. <i>Trials</i> , 2013, 14, 107.	0.7	8
1149	Association of CAST gene polymorphisms with carcass and meat quality traits in Yanbian cattle of China. <i>Molecular Biology Reports</i> , 2013, 40, 1875-1881.	1.0	21
1150	Variable within-brood maternal provisioning in newly extruded embryos of <i>Homarus gammarus</i> . <i>Marine Biology</i> , 2013, 160, 763-772.	0.7	6
1151	Effect of sublethal concentrations of waterborne copper on lipid peroxidation and enzymatic antioxidant response in <i>Gambusia holbrooki</i> . <i>Environmental Toxicology and Pharmacology</i> , 2013, 36, 125-134.	2.0	4
1152	The emerging farmed fish species meagre (<i>Argyrosomus regius</i>): How culinary treatment affects nutrients and contaminants concentration and associated benefit-risk balance. <i>Food and Chemical Toxicology</i> , 2013, 60, 277-285.	1.8	51
1153	From fish chemical characterisation to the benefit-risk assessment – Part A. <i>Food Chemistry</i> , 2013, 137, 99-107.	4.2	40
1154	The impact of supplemental N-3 long chain polyunsaturated fatty acids and dietary antioxidants on physical performance in postmenopausal women. <i>Journal of Nutrition, Health and Aging</i> , 2013, 17, 76-80.	1.5	114
1155	Relationship between central and peripheral fatty acids in humans. <i>Lipids in Health and Disease</i> , 2013, 12, 79.	1.2	52
1156	Differences in metabolomic and transcriptomic profiles between responders and non-responders to an n-3 polyunsaturated fatty acids (PUFAs) supplementation. <i>Genes and Nutrition</i> , 2013, 8, 411-423.	1.2	38
1157	Hormone-sensitive lipase deficiency disturbs the fatty acid composition of mouse testis. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2013, 88, 227-233.	1.0	19
1158	Effects of dietary arachidonic acid on cortisol production and gene expression in stress response in Senegalese sole (<i>Solea senegalensis</i>) post-larvae. <i>Fish Physiology and Biochemistry</i> , 2013, 39, 1223-1238.	0.9	43
1159	Improvement of Major Depression is Associated with Increased Erythrocyte DHA. <i>Lipids</i> , 2013, 48, 863-868.	0.7	33
1160	Plasticity of Mouse Brain Docosahexaenoic Acid: Modulation by Diet and Age. <i>Lipids</i> , 2013, 48, 343-355.	0.7	23
1161	Iron supplementation decreases plasma zinc but has no effect on plasma fatty acids in non-anemic women. <i>Nutrition Research</i> , 2013, 33, 272-278.	1.3	7

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1163	Evaluation of hazards and benefits associated with the consumption of six fish species from the Portuguese coast. <i>Journal of Food Composition and Analysis</i> , 2013, 32, 59-67.	1.9	23
1164	Enhanced lipidic algae biomass production using gas transfer from a fermentative <i>Rhodospiridium toruloides</i> culture to an autotrophic <i>Chlorella protothecoides</i> culture. <i>Bioresource Technology</i> , 2013, 138, 48-54.	4.8	34
1165	ONION2 Fatty Acid Elongase is Required for Shoot Development in Rice. <i>Plant and Cell Physiology</i> , 2013, 54, 209-217.	1.5	17
1166	Rapid analysis of fatty acid profiles in raw nuts and seeds by microwave-ultrasonic synergistic in situ extraction-derivatisation and gas chromatography-mass spectrometry. <i>Food Chemistry</i> , 2013, 141, 4269-4277.	4.2	14
1167	Antimicrobial activities of stearidonic and gamma-linolenic acids from the green seaweed <i>Enteromorpha linza</i> against several oral pathogenic bacteria. , 2013, 54, 39.		23
1168	Proteomic and Lipidomic Signatures of Lipid Metabolism in NASH-Associated Hepatocellular Carcinoma. <i>Cancer Research</i> , 2013, 73, 4722-4731.	0.4	134
1169	Prior supplementation with long chain omega-3 polyunsaturated fatty acids promotes weight loss in obese adults: a double-blinded randomised controlled trial. <i>Food and Function</i> , 2013, 4, 650.	2.1	46
1170	Plasma Phospholipid Fatty Acids and Prostate Cancer Risk in the SELECT Trial. <i>Journal of the National Cancer Institute</i> , 2013, 105, 1132-1141.	3.0	263
1171	Effect of light, temperature and diet on the fatty acid profile of the tropical sea anemone <i>Aiptasia pallida</i> . <i>Aquaculture Nutrition</i> , 2013, 19, 818-826.	1.1	15
1172	Oral administration of omega-7 palmitoleic acid induces satiety and the release of appetite-related hormones in male rats. <i>Appetite</i> , 2013, 65, 1-7.	1.8	29
1173	Dietary Fat in Relation to Erythrocyte Fatty Acid Composition in Men. <i>Lipids</i> , 2013, 48, 1093-1102.	0.7	39
1174	Prescription n-3 Fatty Acids, But Not Eicosapentaenoic Acid Alone, Improve Reference Memory-Related Learning Ability by Increasing Brain-Derived Neurotrophic Factor Levels in SHR.Cg-Lepr cp /NDmcr rats, A Metabolic Syndrome Model. <i>Neurochemical Research</i> , 2013, 38, 2124-2135.	1.6	12
1175	Fatty acid-induced mitochondrial uncoupling elicits inflammasome-independent IL-1 β and sterile vascular inflammation in atherosclerosis. <i>Nature Immunology</i> , 2013, 14, 1045-1053.	7.0	283
1176	Effect of coagulant/flocculants on bioproducts from microalgae. <i>Bioresource Technology</i> , 2013, 149, 65-70.	4.8	60
1177	Changes in triacylglycerols and free fatty acids composition during storage of roasted coffee. <i>LWT - Food Science and Technology</i> , 2013, 50, 581-590.	2.5	60
1178	Comparative analyses of seeds of wild fruits of <i>Rubus</i> and <i>Sambucus</i> species from Southern Italy: Fatty acid composition of the oil, total phenolic content, antioxidant and anti-inflammatory properties of the methanolic extracts. <i>Food Chemistry</i> , 2013, 140, 817-824.	4.2	88
1179	Carotenoid and lipid production by the autotrophic microalga <i>Chlorella protothecoides</i> under nutritional, salinity, and luminosity stress conditions. <i>Applied Microbiology and Biotechnology</i> , 2013, 97, 1383-1393.	1.7	118

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1181	Dietary supplementation with long chain omega-3 polyunsaturated fatty acids and weight loss in obese adults. <i>Obesity Research and Clinical Practice</i> , 2013, 7, e173-e181.	0.8	50
1182	Assessing long-chain ω -3 polyunsaturated fatty acids: A tailored food-frequency questionnaire is better. <i>Nutrition</i> , 2013, 29, 491-496.	1.1	13
1183	Tissue fatty acid composition in obstructive sleep apnea and recurrent tonsillitis. <i>International Journal of Pediatric Otorhinolaryngology</i> , 2013, 77, 1008-1012.	0.4	7
1184	From coffee industry waste materials to skin-friendly products with improved skin fat levels. <i>European Journal of Lipid Science and Technology</i> , 2013, 115, 330-336.	1.0	66
1185	Risk factors for developing mineral bone disease in phenylketonuric patients. <i>Molecular Genetics and Metabolism</i> , 2013, 108, 149-154.	0.5	38
1186	Increased Prostaglandin Response to Oxytocin in Ewes Fed a Diet High in Omega-6 Polyunsaturated Fatty Acids. <i>Lipids</i> , 2013, 48, 177-183.	0.7	16
1187	Evaluation of four raw meat diets using domestic cats, captive exotic felids, and cecectomized roosters. <i>Journal of Animal Science</i> , 2013, 91, 225-237.	0.2	32
1188	A biorefinery from <i>Nannochloropsis</i> sp. microalga – Extraction of oils and pigments. Production of biohydrogen from the leftover biomass. <i>Bioresource Technology</i> , 2013, 135, 128-136.	4.8	267
1189	<i>Nannochloropsis</i> sp. biomass recovery by Electro-Coagulation for biodiesel and pigment production. <i>Bioresource Technology</i> , 2013, 134, 219-226.	4.8	50
1191	Molecular indicators of microbial diversity in oolitic sands of Highborne Cay, Bahamas. <i>Geobiology</i> , 2013, 11, 234-251.	1.1	39
1192	Association between plasma omega-3 fatty acids and cardiovascular disease risk factors. <i>Applied Physiology, Nutrition and Metabolism</i> , 2013, 38, 243-248.	0.9	5
1193	Flaxseed oil does not affect inflammatory markers and lipid profile compared to olive oil, in young, healthy, normal weight adults. <i>Metabolism: Clinical and Experimental</i> , 2013, 62, 686-693.	1.5	60
1194	Effects of adipocyte lipoprotein lipase on de novo lipogenesis and white adipose tissue browning. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2013, 1831, 934-942.	1.2	46
1195	Biochemical characterisation during seed development of oil palm (<i>Elaeis guineensis</i>). <i>Journal of Plant Research</i> , 2013, 126, 539-547.	1.2	9
1196	Fatty acids profiling: A selective criterion for screening microalgae strains for biodiesel production. <i>Algal Research</i> , 2013, 2, 258-267.	2.4	315
1197	Spermatozoa and seminal plasma fatty acids as predictors of cryopreservation success. <i>Andrology</i> , 2013, 1, 365-375.	1.9	86
1198	Transcriptomic and metabolomic signatures of an n-3 polyunsaturated fatty acids supplementation in a normolipidemic/normocholesterolemic Caucasian population. <i>Journal of Nutritional Biochemistry</i> , 2013, 24, 54-61.	1.9	63

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1200	Brain lipid composition in rabbits after total parenteral nutrition with two different lipid emulsions. Nutrition, 2013, 29, 313-317.	1.1	4
1201	Optimization of two-step catalyzed biodiesel production from soybean waste cooking oil. Journal of Material Cycles and Waste Management, 2013, 15, 179-186.	1.6	13
1202	Effects of Parenteral Nutrition Formulas on Plasma Lipid Profile in Children with Bone Marrow Transplantation. Annals of Nutrition and Metabolism, 2013, 63, 103-110.	1.0	3
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1204	Influence of environmental medium on membrane fatty acid composition of Reuber H35 hepatoma cells. Frontiers in Life Science: Frontiers of Interdisciplinary Research in the Life Sciences, 2013, 7, 123-131.	1.1	2
1205	Tissue fatty acid composition in human urothelial carcinoma. British Journal of Biomedical Science, 2013, 70, 1-5.	1.2	17
1206	Chemical Composition, Fatty Acids Profile and Cholesterol Content Of Commercialized Marine Fishes Captured in Northeastern Atlantic. Journal of Fisheries Sciences, 2013, 0, .	0.2	5
1207	Preparation and Characterization of Nanoliposomes Entrapping Medium-Chain Fatty Acids and Vitamin C by Lyophilization. International Journal of Molecular Sciences, 2013, 14, 19763-19773.	1.8	60
1208	Associations of Plasma Phospholipid and Dietary Alpha Linolenic Acid With Incident Atrial Fibrillation in Older Adults: The Cardiovascular Health Study. Journal of the American Heart Association, 2013, 2, e003814.	1.6	24
1209	Eicosapentaenoic and Docosahexaenoic Acid Supplementations Reduce Platelet Aggregation and Hemostatic Markers Differentially in Men and Women. Journal of Nutrition, 2013, 143, 457-463.	1.3	53
1210	Plasma Phospholipid Omega~3 Fatty Acids and Incidence of Postoperative Atrial Fibrillation in the OPERA Trial. Journal of the American Heart Association, 2013, 2, e000397.	1.6	24
1211	Effects of dietary flaxseed on atherosclerotic plaque regression. American Journal of Physiology - Heart and Circulatory Physiology, 2013, 304, H1743-H1751.	1.5	35
1212	Serum Phospholipid Fatty Acids, Genetic Variation in Myeloperoxidase, and Prostate Cancer Risk in Heavy Smokers: A Gene-Nutrient Interaction in the Carotene and Retinol Efficacy Trial. American Journal of Epidemiology, 2013, 177, 1106-1117.	1.6	13
1213	Deficiency of n~6 polyunsaturated fatty acids is mainly responsible for atopic dermatitis~like pruritic skin inflammation in special diet~fed hairless mice. Experimental Dermatology, 2013, 22, 272-277.	1.4	37
1214	The effect of linseed and psyllium fibre on the gelling properties of unwashed mince from farmed meagre (<i>Argyrosomus regius</i>). International Journal of Food Science and Technology, 2013, 48, 2023-2033.	1.3	3
1215	Higher insulin sensitivity in vegans is not associated with higher mitochondrial density. European Journal of Clinical Nutrition, 2013, 67, 1310-1315.	1.3	17
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1217	Umbilical cord PUFA are determined by maternal and child fatty acid desaturase (<i>FADS</i>) genetic variants in the Avon Longitudinal Study of Parents and Children (ALSPAC). <i>British Journal of Nutrition</i> , 2013, 109, 1196-1210.	1.2	59
1218	Effects of fish oil supplementation on the fatty acid profile in erythrocyte membrane and plasma phospholipids of pregnant women and their offspring: a randomised controlled trial. <i>British Journal of Nutrition</i> , 2013, 109, 1647-1656.	1.2	26
1219	Plasma Fatty Acid Lipidomics in Amnesic Mild Cognitive Impairment and Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2013, 36, 545-553.	1.2	58
1220	A higher proportion of female lambs when ewes were fed oats and cottonseed meal prior to and following conception. <i>Animal Production Science</i> , 2013, 53, 464.	0.6	25
1221	Association of polymorphisms in FADS gene with age-related changes in serum phospholipid polyunsaturated fatty acids and oxidative stress markers in middle-aged nonobese men. <i>Clinical Interventions in Aging</i> , 2013, 8, 585.	1.3	30
1222	Omega-3 fatty acid deficiency disrupts endocytosis, neuritogenesis, and mitochondrial protein pathways in the mouse hippocampus. <i>Frontiers in Genetics</i> , 2013, 4, 208.	1.1	17
1223	Fatty Acid Status and Its Relationship to Cognitive Decline and Homocysteine Levels in the Elderly. <i>Nutrients</i> , 2014, 6, 3624-3640.	1.7	35
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1225	Fasting Whole Blood Fatty Acid Profile and Risk of Type 2 Diabetes in Adults: A Nested Case Control Study. <i>PLoS ONE</i> , 2014, 9, e97001.	1.1	21
1226	DHA Serum Levels Were Significantly Higher in Celiac Disease Patients Compared to Healthy Controls and Were Unrelated to Depression. <i>PLoS ONE</i> , 2014, 9, e97778.	1.1	17
1227	Fatty Acid Composition of Tissue Cultured Breast Carcinoma and the Effect of Stearoyl-CoA Desaturase 1 Inhibition. <i>Journal of Breast Cancer</i> , 2014, 17, 136.	0.8	46
1228	Impact of dietary fat source and concentration and daily fatty acid intake on the composition of carcass fat and iodine value sampled in three regions of the pork carcass1. <i>Journal of Animal Science</i> , 2014, 92, 5485-5495.	0.2	14
1229	PRODUCTION OF DOCOSAHEXAENOIC ACID (DHA) FROM <i>Thraustochytrium</i> sp. ATCC 26185 USING DIFFERENTS NITROGEN CONCENTRATIONS. <i>Boletim Centro De Pesquisa De Processamento De Alimentos</i> , 2014, 32, .	0.2	1
1230	Fat-soluble vitamins and plasma and erythrocyte membrane fatty acids in chylothorax pediatric patients receiving a medium-chain triglyceride-rich diet. <i>Journal of Clinical Biochemistry and Nutrition</i> , 2014, 55, 174-177.	0.6	11
1231	Production of MLM-Type structured lipids from fish oil catalyzed by <i>Thermomyces lanuginosus</i> lipase. <i>BMC Proceedings</i> , 2014, 8, .	1.8	1
1232	Intrinsic heart rate recovery after dynamic exercise is improved with an increased omega-3 index in healthy males. <i>British Journal of Nutrition</i> , 2014, 112, 1984-1992.	1.2	36
1233	Lack of Angiopoietinâ€2 Expression Limits the Metabolic Stress Induced by a Highâ€Fat Diet and Maintains Endothelial Function in Mice. <i>Journal of the American Heart Association</i> , 2014, 3, .	1.6	17
1234	Plasma phospholipid and dietary \pm -linolenic acid, mortality, CHD and stroke: the Cardiovascular Health Study. <i>British Journal of Nutrition</i> , 2014, 112, 1206-1213.	1.2	38

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1235	Plasma Phospholipid Saturated Fatty Acids and Incident Atrial Fibrillation: The Cardiovascular Health Study. <i>Journal of the American Heart Association</i> , 2014, 3, e000889.	1.6	71
1236	Genome-Wide Association Study of Plasma N6 Polyunsaturated Fatty Acids Within the Cohorts for Heart and Aging Research in Genomic Epidemiology Consortium. <i>Circulation: Cardiovascular Genetics</i> , 2014, 7, 321-331.	5.1	164
1237	Effects of FADS and ELOVL polymorphisms on indexes of desaturase and elongase activities: results from a pre-post fish oil supplementation. <i>Genes and Nutrition</i> , 2014, 9, 437.	1.2	47
1238	Oxidative stability and sensory evaluation of microencapsulated flaxseed oil. <i>Journal of Microencapsulation</i> , 2014, 31, 193-201.	1.2	32
1239	Confirmation of oxidative stress and fatty acid disturbances in two further Pappas syndrome families with identification of a new mutation. <i>Journal of the European Academy of Dermatology and Venereology</i> , 2014, 28, 1049-1056.	1.3	13
1240	Characterization of lipoteichoic acid structures from three probiotic <i>Bacillus</i> strains: involvement of d-alanine in their biological activity. <i>Antonie Van Leeuwenhoek</i> , 2014, 106, 693-706.	0.7	25
1241	Prostatic and Dietary Omega-3 Fatty Acids and Prostate Cancer Progression during Active Surveillance. <i>Cancer Prevention Research</i> , 2014, 7, 766-776.	0.7	28
1242	Dairy fat intake is associated with glucose tolerance, hepatic and systemic insulin sensitivity, and liver fat but not β -cell function in humans. <i>American Journal of Clinical Nutrition</i> , 2014, 99, 1385-1396.	2.2	77
1243	Plasma fatty acid lipidome is associated with cirrhosis prognosis and graft damage in liver transplantation. <i>American Journal of Clinical Nutrition</i> , 2014, 100, 600-608.	2.2	15
1244	Hepatic Gluconeogenesis Is Enhanced by Phosphatidic Acid Which Remains Uninhibited by Insulin in Lipodystrophic Agpat2 ^{-/-} Mice. <i>Journal of Biological Chemistry</i> , 2014, 289, 4762-4777.	1.6	17
1245	Additional benefit in CVD risk indices derived from the consumption of fortified milk when combined with a lifestyle intervention. <i>Public Health Nutrition</i> , 2014, 17, 440-449.	1.1	2
1246	Docosapentaenoic acid monoacylglyceride reduces inflammation and vascular remodeling in experimental pulmonary hypertension. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2014, 307, H574-H586.	1.5	53
1247	Separation of free fatty acids from deodorizer distillates using choline hydrogen carbonate and supercritical carbon dioxide. <i>Separation and Purification Technology</i> , 2014, 131, 14-18.	3.9	10
1248	Recovery of amorphous polyhydroxybutyrate granules from <i>Cupriavidus necator</i> cells grown on used cooking oil. <i>International Journal of Biological Macromolecules</i> , 2014, 71, 117-123.	3.6	62
1249	White fish reduces cardiovascular risk factors in patients with metabolic syndrome: The WISH-CARE study, a multicenter randomized clinical trial. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2014, 24, 328-335.	1.1	45
1250	Dietary probiotic supplementation (<i>Shewanella putrefaciens</i> Pdp11) modulates gut microbiota and promotes growth and condition in Senegalese sole larviculture. <i>Fish Physiology and Biochemistry</i> , 2014, 40, 295-309.	0.9	61
1252	Preparation of Triacylglycerols Rich in Omega-3 Fatty Acids from Sardine Oil Using a <i>Rhizomucor miehei</i> Lipase: Focus in the EPA/DHA Ratio. <i>Applied Biochemistry and Biotechnology</i> , 2014, 172, 1866-1881.	1.4	24
1253	Characterization of the triacylglycerol profile in marine diatoms by ultra performance liquid chromatography coupled with electrospray ionization quadrupole time-of-flight mass spectrometry. <i>Journal of Applied Phycology</i> , 2014, 26, 1389-1398.	1.5	11

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1255	Influence of dietary lipid sources on growth, reproductive performance and fatty acid compositions of muscle and egg in three-spot gourami (<i>Trichopodus trichopterus</i>) (Pallas, 1770). <i>Aquaculture Nutrition</i> , 2014, 20, 494-504.	1.1	12
1256	Potential for daily supplementation of n-3 fatty acids to reverse symptoms of dry eye in mice. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2014, 90, 207-213.	1.0	10
1257	Organ fusion and defective shoot development in oni3 mutants of rice. <i>Plant and Cell Physiology</i> , 2014, 55, 42-51.	1.5	25
1258	Growth performance, blood cell profiles, and meat quality properties of broilers fed with <i>Saposhnikovia divaricata</i> , <i>Lonicera japonica</i> , and <i>Chelidonium majus</i> extracts. <i>Livestock Science</i> , 2014, 165, 87-94.	0.6	40
1259	Does the trophic habitat influence the biochemical quality of the gonad of <i>Octopus vulgaris</i> ? Stable isotopes and lipid class contents as bio-indicators of different life-cycle strategies. <i>Hydrobiologia</i> , 2014, 725, 33-46.	1.0	8
1260	Determining the fatty acid composition in plasma and tissues as fatty acid methyl esters using gas chromatography – a comparison of different derivatization and extraction procedures. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2014, 91, 235-241.	1.0	73
1261	Associations Between Estimated Desaturase Activity and Insulin Resistance in Korean Boys. <i>Osong Public Health and Research Perspectives</i> , 2014, 5, 251-257.	0.7	9
1262	A method for long term stabilisation of long chain polyunsaturated fatty acids in dried blood spots and its clinical application. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2014, 91, 251-260.	1.0	90
1263	Maternal western diet primes non-alcoholic fatty liver disease in adult mouse offspring. <i>Acta Physiologica</i> , 2014, 210, 215-227.	1.8	80
1264	PKC μ Contributes to Chronic Ethanol-Induced Steatosis in Mice but not Inflammation and Necrosis. <i>Alcoholism: Clinical and Experimental Research</i> , 2014, 38, 801-809.	1.4	1
1265	Quantification of total fatty acids in microalgae: comparison of extraction and transesterification methods. <i>Analytical and Bioanalytical Chemistry</i> , 2014, 406, 7313-7322.	1.9	86
1266	Response. <i>Journal of the National Cancer Institute</i> , 2014, 106, dju021-dju021.	3.0	2
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1268	Erythrocyte very long-chain saturated fatty Acids associated with lower risk of incident sudden cardiac arrest. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2014, 91, 149-153.	1.0	29
1269	Analysis of biologically-active, endogenous carboxylic acids based on chromatography-mass spectrometry. <i>TrAC - Trends in Analytical Chemistry</i> , 2014, 61, 17-28.	5.8	37
1270	Fast Transmethylation of Total Lipids in Dried Blood by Microwave Irradiation and its Application to a Population Study. <i>Lipids</i> , 2014, 49, 839-851.	0.7	15
1271	Differential Response to an Algae Supplement High in DHA Mediated by Maternal Periconceptual Diet: Intergenerational Effects of n-6 Fatty Acids. <i>Lipids</i> , 2014, 49, 767-775.	0.7	13

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1273	Dietary intake of palmitate and oleate has broad impact on systemic and tissue lipid profiles in humans. <i>American Journal of Clinical Nutrition</i> , 2014, 99, 436-445.	2.2	77
1274	Impact of dietary fat sources and feeding level on adipose tissue fatty acids composition and lipid metabolism related gene expression in finisher pigs. <i>Animal Feed Science and Technology</i> , 2014, 196, 60-67.	1.1	22
1275	Serum phospholipid monounsaturated fatty acid composition and Δ^5 -9-desaturase activity are associated with early alteration of fasting glycemic status. <i>Nutrition Research</i> , 2014, 34, 733-741.	1.3	23
1276	Vitamin E Content and Estimated Need in German Infant and Follow-On Formulas With and Without Long-Chain Polyunsaturated Fatty Acids (LC-PUFA) Enrichment. <i>Journal of Agricultural and Food Chemistry</i> , 2014, 62, 10153-10161.	2.4	14
1277	Effects of molten-salt/ionic-liquid mixture on extraction of docosahexaenoic acid (DHA)-rich lipids from <i>Aurantiochytrium</i> sp. KRS101. <i>Bioprocess and Biosystems Engineering</i> , 2014, 37, 2199-2204.	1.7	17
1278	The effects of using crab zoeae (<i>Maja brachydactyla</i>) on growth and biochemical composition of <i>Octopus vulgaris</i> (Cuvier 1797) paralarvae. <i>Aquaculture International</i> , 2014, 22, 1041-1051.	1.1	24
1279	Effects of different dietary energy and protein levels and sex on growth performance, carcass characteristics and meat quality of F1 Angus × Chinese Xiangxi yellow cattle. <i>Journal of Animal Science and Biotechnology</i> , 2014, 5, 21.	2.1	43
1280	Plasma and erythrocyte membrane phospholipids and fatty acids in Italian general population and hemodialysis patients. <i>Lipids in Health and Disease</i> , 2014, 13, 54.	1.2	29
1281	Modulation of Fear Memory by Dietary Polyunsaturated Fatty Acids via Cannabinoid Receptors. <i>Neuropsychopharmacology</i> , 2014, 39, 1852-1860.	2.8	33
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1284	Optimization on preparation condition of polyunsaturated fatty acids nanoliposome prepared by Mozafari method. <i>Journal of Liposome Research</i> , 2014, 24, 99-105.	1.5	24
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1286	Fatty acid profiles among the Inuit of Nunavik: Current status and temporal change. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2014, 90, 159-167.	1.0	25
1287	New formulated diets for <i>Solea senegalensis</i> broodstock: Effects of parental nutrition on biosynthesis of long-chain polyunsaturated fatty acids and performance of early larval stages and juvenile fish. <i>Aquaculture</i> , 2014, 432, 374-382.	1.7	40
1288	Circulating levels of linoleic acid and HDL-cholesterol are major determinants of 4-hydroxynonenal protein adducts in patients with heart failure. <i>Redox Biology</i> , 2014, 2, 148-155.	3.9	23
1289	Acid-catalyzed hot-water extraction of docosahexaenoic acid (DHA)-rich lipids from <i>Aurantiochytrium</i> sp. KRS101. <i>Bioresource Technology</i> , 2014, 161, 469-472.	4.8	25

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1291	Dual-mode cultivation of <i>Chlorella protothecoides</i> applying inter-reactors gas transfer improves microalgae biodiesel production. <i>Journal of Biotechnology</i> , 2014, 184, 74-83.	1.9	14
1292	Reduction of prothrombin and Factor V levels following supplementation with omega-3 fatty acids is sex dependent: a randomised controlled study. <i>Journal of Nutritional Biochemistry</i> , 2014, 25, 997-1002.	1.9	12
1293	The impact of supplementing lambs with algae on growth, meat traits and oxidative status. <i>Meat Science</i> , 2014, 98, 135-141.	2.7	88
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1297	Role of adenosine 5'-monophosphate-activated protein kinase in<i>±</i>-linolenic acid-induced intestinal lipid metabolism. <i>British Journal of Nutrition</i> , 2015, 114, 866-872.	1.2	2
1298	Fibroblast growth factor 21 in breast milk controls neonatal intestine function. <i>Scientific Reports</i> , 2015, 5, 13717.	1.6	31
1299	Effects of different arachidonic acid supplementation on psychomotor development in very preterm infants; a randomized controlled trial. <i>Nutrition Journal</i> , 2015, 14, 101.	1.5	43
1300	The association of cardiovascular risk factors with saturated fatty acids and fatty acid desaturase indices in erythrocyte in middle-aged Korean adults. <i>Lipids in Health and Disease</i> , 2015, 14, 133.	1.2	26
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1302	Effects of smoking on fatty acid composition of phospholipid sperm membrane and the malondialdehyde levels in human seminal plasma. <i>Andrologia</i> , 2015, 47, 967-973.	1.0	2
1303	Ratio of Malondialdehyde to Hydroperoxides and Color Change as an Index of Thermal Oxidation of Linoleic Acid and Linolenic Acid. <i>Journal of Food Processing and Preservation</i> , 2015, 39, 318-326.	0.9	14
1304	Validation of fatty acid intakes estimated by a food frequency questionnaire using erythrocyte fatty acid profiling in the Montreal Heart Institute Biobank. <i>Journal of Human Nutrition and Dietetics</i> , 2015, 28, 646-658.	1.3	18
1305	Effects of Maternal Î©â€³ Supplementation on Fatty Acids and on Visual and Cognitive Development. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2015, 61, 472-480.	0.9	50
1306	Hepatocyte differentiation of human induced pluripotent stem cells is modulated by stearylâ€œCoA desaturase 1 activity. <i>Development Growth and Differentiation</i> , 2015, 57, 667-674.	0.6	18
1307	Effects of a Western-style diet high in cholesterol and saturated fat on the rabbit exocrine pancreas. <i>Turkish Journal of Biology</i> , 2015, 39, 765-774.	2.1	4

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1309	Comparison among gilts, physical castrates, entire males, and immunological castrates in terms of growth performance, nitrogen and phosphorus retention, and carcass fat iodine value ¹ . <i>Journal of Animal Science</i> , 2015, 93, 5702-5710.	0.2	13
1310	Effect of Replacing Pork Fat with Vegetable Oils on Quality Properties of Emulsion-type Pork Sausages. <i>Korean Journal for Food Science of Animal Resources</i> , 2015, 35, 130-136.	1.5	24
1311	The impact of dietary fat withdrawal on carcass iodine value, belly characteristics, and changes in body fat over time ¹ . <i>Journal of Animal Science</i> , 2015, 93, 247-257.	0.2	5
1312	Apolipoprotein D Transgenic Mice Develop Hepatic Steatosis through Activation of PPAR α and Fatty Acid Uptake. <i>PLoS ONE</i> , 2015, 10, e0130230.	1.1	18
1313	Composition and quality characteristics of carcasses from pigs divergently selected for residual feed intake on high- or low-energy diets ¹ . <i>Journal of Animal Science</i> , 2015, 93, 2530-2545.	0.2	17
1314	Biochemical Modulation of Lipid Pathway in Microalgae <i>Dunaliella</i> sp. for Biodiesel Production. <i>BioMed Research International</i> , 2015, 2015, 1-12.	0.9	22
1315	Effect of docosahexaenoic acid monoacylglyceride on systemic hypertension and cardiovascular dysfunction. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2015, 309, H93-H102.	1.5	30
1316	Supplementation with a blend of krill and salmon oil is associated with increased metabolic risk in overweight men. <i>American Journal of Clinical Nutrition</i> , 2015, 102, 49-57.	2.2	29
1317	A Robust Direct-transesterification Method for Microalgae. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2015, 37, 2583-2590.	1.2	4
1318	Methods to prevent acidification of Maca [®] ba (<i>Acrocomia aculeata</i>) fruit pulp oil: A promising oil for producing biodiesel. <i>Industrial Crops and Products</i> , 2015, 77, 703-707.	2.5	19
1319	Natural Rumen-Derived <i>trans</i> Fatty Acids Are Associated with Metabolic Markers of Cardiac Health. <i>Lipids</i> , 2015, 50, 873-882.	0.7	36
1320	Simple Methodology for the Quantitative Analysis of Fatty Acids in Human Red Blood Cells. <i>Chromatographia</i> , 2015, 78, 1271-1281.	0.7	6
1321	Preparation and Characterization of Nanoscale Complex Liposomes Containing Medium-Chain Fatty Acids and Vitamin C. <i>International Journal of Food Properties</i> , 2015, 18, 113-124.	1.3	29
1322	Heavy water and ¹⁵ N labelling with ¹⁵ N and SIMS analysis reveals growth rate-dependent metabolic heterogeneity in chemostats. <i>Environmental Microbiology</i> , 2015, 17, 2542-2556.	1.8	94
1323	Avocado (<i>Persea americana</i> Mill.) oil produced by microwave drying and expeller pressing exhibits low acidity and high oxidative stability. <i>European Journal of Lipid Science and Technology</i> , 2015, 117, 999-1007.	1.0	30
1324	Polyunsaturated fatty acids in relation to incident mobility disability and decline in gait speed; the Age, Gene/Environment Susceptibility-Reykjavik Study. <i>European Journal of Clinical Nutrition</i> , 2015, 69, 489-493.	1.3	30
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1327	Effect of long-term administration of arachidonic acid on n-3 fatty acid deficient mice. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2015, 95, 41-45.	1.0	12
1328	Postprandial Lipid Responses do not Differ Following Consumption of Butter or Vegetable Oil when Consumed with Omega-3 Polyunsaturated Fatty Acids. <i>Lipids</i> , 2015, 50, 339-347.	0.7	7
1329	Conjugated fatty acids and methane production by rumen microbes when incubated with linseed oil alone or mixed with fish oil and/or malate. <i>Animal Science Journal</i> , 2015, 86, 755-764.	0.6	4
1330	Association between Serum Phospholipid Fatty Acids and Intraprostatic Inflammation in the Placebo Arm of the Prostate Cancer Prevention Trial. <i>Cancer Prevention Research</i> , 2015, 8, 590-596.	0.7	11
1331	Nutritional enrichment of vegetable oils with long-chain n-3 fatty acids through enzymatic interesterification with a new vegetable lipase. <i>Grasas Y Aceites</i> , 2015, 66, e071.	0.3	3
1332	Proresolving Action of Docosahexaenoic Acid Monoglyceride in Lung Inflammatory Models Related to Cystic Fibrosis. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2015, 53, 574-583.	1.4	15
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1334	Recycle of algal residue suspension from acid-catalyzed hot-water extraction (AHE) as substrate of oleaginous yeast <i>Cryptococcus</i> sp.. <i>Fuel</i> , 2015, 141, 222-225.	3.4	6
1335	Impact of cell wall encapsulation of almonds on in vitro duodenal lipolysis. <i>Food Chemistry</i> , 2015, 185, 405-412.	4.2	66
1336	Tissue fatty acid composition and secretory phospholipase-A2 activity in oral squamous cell carcinoma. <i>Clinical and Translational Oncology</i> , 2015, 17, 378-383.	1.2	10
1337	Low levels of plasma omega 3-polyunsaturated fatty acids are associated with cerebral small vessel diseases in acute ischemic stroke patients. <i>Nutrition Research</i> , 2015, 35, 368-374.	1.3	31
1338	Effects of 5,8-dimethylthieno[2,3-b]quinoline-2-carboxylic acid on the antioxidative defense and lipid membranes in <i>Plasmodium berghei</i> -infected erythrocytes. <i>Experimental Parasitology</i> , 2015, 155, 26-34.	0.5	2
1339	Association between very long chain fatty acids in the meibomian gland and dry eye resulting from n-3 fatty acid deficiency. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2015, 97, 1-6.	1.0	9
1340	Plasma phospholipid very-long-chain saturated fatty acids and incident diabetes in older adults: the Cardiovascular Health Study. <i>American Journal of Clinical Nutrition</i> , 2015, 101, 1047-1054.	2.2	97
1341	Peroxisomal D-bifunctional protein deficiency: First case reports from Slovakia. <i>Gene</i> , 2015, 568, 61-68.	1.0	5
1342	Plasma phospholipid fatty acids and fish-oil consumption in relation to osteoporotic fracture risk in older adults: the Age, Gene/Environment Susceptibility Study. <i>American Journal of Clinical Nutrition</i> , 2015, 101, 947-955.	2.2	27
1343	Supercritical carbon dioxide-based integrated continuous extraction of oil from chicken feather meal, and its conversion to biodiesel in a packed-bed enzymatic reactor, at pilot scale. <i>Fuel</i> , 2015, 153, 135-142.	3.4	38

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1345	Fish oil supplements in New Zealand are highly oxidised and do not meet label content of n-3 PUFA. <i>Scientific Reports</i> , 2015, 5, 7928.	1.6	176
1346	Microbial signature lipid biomarker analysis - an approach that is still preferred, even amid various method modifications. <i>Journal of Applied Microbiology</i> , 2015, 118, 1251-1263.	1.4	53
1347	Prediction of intramuscular fat content and major fatty acid groups of lamb <i>M. longissimus lumborum</i> using Raman spectroscopy. <i>Meat Science</i> , 2015, 110, 70-75.	2.7	41
1348	Healthy effect of different proportions of marine ω -3 PUFAs EPA and DHA supplementation in Wistar rats: Lipidomic biomarkers of oxidative stress and inflammation. <i>Journal of Nutritional Biochemistry</i> , 2015, 26, 1385-1392.	1.9	64
1349	Lower Concentration of ω -3 in the Red Blood Cells and Plasma of Lambs when their Dams were Fed a Diet High Compared with Low in ω -6 Fatty Acids at Joining. <i>Lipids</i> , 2015, 50, 883-893.	0.7	3
1350	An efficient and robust fatty acid profiling method for plasma metabolomic studies by gas chromatography-mass spectrometry. <i>Clinica Chimica Acta</i> , 2015, 451, 183-190.	0.5	13
1351	Quantification of biomolecules in herring (<i>Clupea harengus</i>) industry processing waters and their recovery using electroflocculation and ultrafiltration. <i>Food and Bioproducts Processing</i> , 2015, 96, 198-210.	1.8	19
1352	Direct quantification of fatty acids in wet microalgal and yeast biomass via a rapid in situ fatty acid methyl ester derivatization approach. <i>Applied Microbiology and Biotechnology</i> , 2015, 99, 10237-10247.	1.7	28
1353	Evaluation of the potential for some isolated microalgae to produce biodiesel. <i>Egyptian Journal of Petroleum</i> , 2015, 24, 97-101.	1.2	23
1354	Kinetics of omega-3 polyunsaturated fatty acids when co-administered with saturated or omega-6 fats. <i>Metabolism: Clinical and Experimental</i> , 2015, 64, 1658-1666.	1.5	5
1355	Higher Plasma Phospholipid ω -3 PUFAs, but Lower ω -6 PUFAs, Are Associated with Lower Pulse Wave Velocity among Older Adults. <i>Journal of Nutrition</i> , 2015, 145, 2317-2324.	1.3	20
1356	Effects of feeding omega-3-fatty acids on fatty acid composition and quality of bovine sperm and on antioxidative capacity of bovine seminal plasma. <i>Animal Reproduction Science</i> , 2015, 160, 97-104.	0.5	26
1357	A randomized trial of the effects of ezetimibe on the absorption of ω -3 fatty acids in cardiac disease patients: A pilot study. <i>Clinical Nutrition ESPEN</i> , 2015, 10, e155-e159.	0.5	5
1358	Plasma phospholipid arachidonic acid and lignoceric acid are associated with the risk of cardioembolic stroke. <i>Nutrition Research</i> , 2015, 35, 1001-1008.	1.3	23
1359	Effect of vegetable based diets on growth, intestinal morphology, activity of intestinal enzymes and haematological stress indicators in meagre (<i>Argyrosomus regius</i>). <i>Aquaculture</i> , 2015, 447, 116-128.	1.7	70
1360	Prospective association of fatty acids in the de novo lipogenesis pathway with risk of type 2 diabetes: the Cardiovascular Health Study. <i>American Journal of Clinical Nutrition</i> , 2015, 101, 153-163.	2.2	139
1361	Green Tea Lowers Hepatic COX-2 and Prostaglandin E2 in Rats with Dietary Fat-Induced Nonalcoholic Steatohepatitis. <i>Journal of Medicinal Food</i> , 2015, 18, 648-655.	0.8	48

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1363	Dietary macroalgae is a natural and effective tool to fortify gilthead seabream fillets with iodine: Effects on growth, sensory quality and nutritional value. <i>Aquaculture</i> , 2015, 437, 51-59.	1.7	27
1364	Hepatitis C viral proteins perturb metabolic liver zonation. <i>Journal of Hepatology</i> , 2015, 62, 278-285.	1.8	23
1365	Whole Algal Biomass In situ Transesterification to Fatty Acid Methyl Esters as Biofuel Feedstocks. , 2015, , 367-378.		0
1366	Selecting Australian marine macroalgae based on the fatty acid composition and anti-inflammatory activity. <i>Journal of Applied Phycology</i> , 2015, 27, 2111-2121.	1.5	27
1367	Parenteral lipids and partial enteral nutrition affect hepatic lipid composition but have limited short term effects on formula-induced necrotizing enterocolitis in preterm piglets. <i>Clinical Nutrition</i> , 2015, 34, 219-228.	2.3	10
1368	The anticancer gene ORCTL3 targets stearyl-CoA desaturase-1 for tumour-specific apoptosis. <i>Oncogene</i> , 2015, 34, 1718-1728.	2.6	10
1369	Plasma Phospholipid PUFAs Are Associated with Greater Muscle and Knee Extension Strength but Not with Changes in Muscle Parameters in Older Adults. <i>Journal of Nutrition</i> , 2015, 145, 105-112.	1.3	47
1370	Higher omega-3 index is associated with increased insulin sensitivity and more favourable metabolic profile in middle-aged overweight men. <i>Scientific Reports</i> , 2014, 4, 6697.	1.6	79
1371	Effective stabilization of CLA by microencapsulation in pea protein. <i>Food Chemistry</i> , 2015, 168, 157-166.	4.2	75
1372	An improved direct transesterification method for fatty acid determination of <i>Phaeodactylum tricornutum</i> . <i>Journal of Applied Phycology</i> , 2015, 27, 697-701.	1.5	2
1373	Enzymatic production of bioactive docosahexaenoic acid phenolic ester. <i>Food Chemistry</i> , 2015, 171, 397-404.	4.2	16
1374	Effects of full-fat soybean diet on performance, carcass characteristics, and fatty acid composition of Hanwoo steers. <i>Turkish Journal of Veterinary and Animal Sciences</i> , 2016, 40, 451-458.	0.2	1
1375	Fatty acid composition of birds and game hunted by the Eastern James Bay Cree people of QuÃ©bec. <i>International Journal of Circumpolar Health</i> , 2016, 75, 30583.	0.5	9
1376	A family-centered lifestyle intervention for obese six- to eight-year-old children: Results from a one-year randomized controlled trial conducted in Montreal, Canada. <i>Canadian Journal of Public Health</i> , 2016, 107, e453-e460.	1.1	13
1377	Prediction of porcine carcass iodine value based on diet composition and fatty acid intake1. <i>Journal of Animal Science</i> , 2016, 94, 5248-5261.	0.2	5
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1379	Comparison of Meat Quality and Fatty Acid Composition of Longissimus Muscles from Purebred Pigs and Three-way Crossbred LYD Pigs. <i>Korean Journal for Food Science of Animal Resources</i> , 2016, 36, 689-696.	1.5	30

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1380	Changes in Oxidative Stress and Inflammatory Biomarkers in Fragile Adults over Fifty Years of Age and in Elderly People Exclusively Fed Enteral Nutrition. <i>Oxidative Medicine and Cellular Longevity</i> , 2016, 1-11.	1.9	3
1381	COX-2 Inhibition Reduces <i>Brucella</i> Bacterial Burden in Draining Lymph Nodes. <i>Frontiers in Microbiology</i> , 2016, 07, 1987.	1.5	12
1382	Expression and Sequence Variants of Inflammatory Genes; Effects on Plasma Inflammation Biomarkers Following a 6-Week Supplementation with Fish Oil. <i>International Journal of Molecular Sciences</i> , 2016, 17, 375.	1.8	18
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1386	DHA but Not EPA Emulsions Preserve Neurological and Mitochondrial Function after Brain Hypoxia-Ischemia in Neonatal Mice. <i>PLoS ONE</i> , 2016, 11, e0160870.	1.1	46
1387	Control of coffee berry borer, <i>Hypothenemus hampei</i> (Ferrari) (Coleoptera: Tj ETQq1 1 0.784314 rgBT /Ov</td> <td>0.6</td> <td>12</td>	0.6	12
1388	Effects of Rice Bran, Flax Seed, and Sunflower Seed on Growth Performance, Carcass Characteristics, Fatty Acid Composition, Free Amino Acid and Peptide Contents, and Sensory Evaluations of Native Korean Cattle (Hanwoo). <i>Asian-Australasian Journal of Animal Sciences</i> , 2016, 29, 195-203.	2.4	7
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1390	Nutrient efficacy of microalgae as aquafeed additives for the adult black tiger prawn, <i>Penaeus monodon</i>. <i>Aquaculture Research</i> , 2016, 47, 3625-3635.	0.9	15
1391	Partial characterization of jumbo squid skin pigment extract and its antioxidant potential in a marine oil system. <i>European Journal of Lipid Science and Technology</i> , 2016, 118, 1293-1304.	1.0	24
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1394	Expression of type 2 diacylglycerol acyltransferase gene <i>DGTT1</i> from <i>Chlamydomonas reinhardtii</i> enhances lipid production in <i>Scenedesmus obliquus</i>. <i>Biotechnology Journal</i> , 2016, 11, 336-344.	1.8	57
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1396	Dietary linseed oil with or without malate increases conjugated linoleic acid and oleic acid in milk fat and lipoprotein lipase and stearoyl-coenzyme A desaturase gene expression in mammary gland and milk somatic cells of lactating goats. <i>Journal of Animal Science</i> , 2016, 94, 3572-3583.	0.2	4
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1399	Whole food, functional food, and supplement sources of omega-3 fatty acids and omega-3 HUFA scores among U.S. soldiers. <i>Journal of Functional Foods</i> , 2016, 23, 167-176.	1.6	8
1400	Erythrocyte omega-3 polyunsaturated fatty acid levels are associated with biomarkers of inflammation in older Australians. <i>Journal of Nutrition & Intermediary Metabolism</i> , 2016, 5, 61-69.	1.7	8
1401	Lipidomics to analyze the influence of diets with different EPA:DHA ratios in the progression of Metabolic Syndrome using SHROB rats as a model. <i>Food Chemistry</i> , 2016, 205, 196-203.	4.2	29
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1404	Sex-dependent association between omega-3 index and body weight status in older Australians. <i>Journal of Nutrition & Intermediary Metabolism</i> , 2016, 5, 70-77.	1.7	8
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1406	Nutritional value and chemical composition of larvae, pupae, and adults of worker honey bee, <i>Apis mellifera ligustica</i> as a sustainable food source. <i>Journal of Asia-Pacific Entomology</i> , 2016, 19, 487-495.	0.4	84
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1421	Effects of dietary fatty acids and cholesterol excess on liver injury: A lipidomic approach. <i>Redox Biology</i> , 2016, 9, 296-305.	3.9	42
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1431	Changes in fatty acid composition of human milk over lactation stages and relationship with dietary intake in Chinese women. <i>Food and Function</i> , 2016, 7, 3154-3162.	2.1	60
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1433	Dietary Oil Source and Selenium Supplementation Modulate <i>Fads2</i> and <i>Elovl5</i> Transcriptional Levels in Liver and Brain of Meagre (<i>Argyrosomus regius</i>). <i>Lipids</i> , 2016, 51, 729-741.	0.7	18

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1435	Measurement of Circulating Phospholipid Fatty Acids: Association between Relative Weight Percentage and Absolute Concentrations. <i>Journal of the American College of Nutrition</i> , 2016, 35, 647-656.	1.1	11
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1437	People with schizophrenia and depression have a low omega-3 index. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2016, 110, 42-47.	1.0	35
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1439	A one-stage cultivation process for lipid- and carbohydrate-rich biomass of <i>Scenedesmus obtusiusculus</i> based on artificial and natural water sources. <i>Bioresource Technology</i> , 2016, 218, 498-504.	4.8	15
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1442	Stress during slaughter increases lipid metabolites and decreases oxidative stability of farmed rainbow trout (<i>Oncorhynchus mykiss</i>) during frozen storage. <i>Food Chemistry</i> , 2016, 190, 5-11.	4.2	27
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1445	Beneficial effects of kinin B1 receptor antagonism on plasma fatty acid alterations and obesity in Zucker diabetic fatty rats. <i>Canadian Journal of Physiology and Pharmacology</i> , 2016, 94, 752-757.	0.7	12
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1453	Association between omega-3 index and blood lipids in older Australians. <i>Journal of Nutritional Biochemistry</i> , 2016, 27, 233-240.	1.9	20
1454	Biochemical characteristics of <i>Trichoderma atroviride</i> associated with conidium fitness for biological control. <i>Biocontrol Science and Technology</i> , 2016, 26, 189-205.	0.5	8
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1458	Choline and polyunsaturated fatty acids in preterm infants' maternal milk. <i>European Journal of Nutrition</i> , 2017, 56, 1733-1742.	1.8	41
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1460	Properties and Storage Stability of O/W Emulsion Replaced with Medium-Chain Fatty Acid Oil. <i>Polish Journal of Food and Nutrition Sciences</i> , 2017, 67, 107-115.	0.6	11
1461	Nutritional value of bee-collected pollens of hardy kiwi, <i>Actinidia arguta</i> (Actinidiaceae) and oak, <i>Quercus</i> sp. (Fagaceae). <i>Journal of Asia-Pacific Entomology</i> , 2017, 20, 245-251.	0.4	39
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1472	Two-step enzymatic production of environmentally friendly biolubricants using castor oil: Enzyme selection and product characterization. <i>Fuel</i> , 2017, 202, 196-205.	3.4	51
1473	Nutritional composition of five commercial edible insects in South Korea. <i>Journal of Asia-Pacific Entomology</i> , 2017, 20, 686-694.	0.4	246
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1478	Attenuated Total Reflection Fourier Transform Infrared (ATR FT-IR) for Rapid Determination of Microbial Cell Lipid Content: Correlation with Gas Chromatography-Mass Spectrometry (GC-MS). <i>Applied Spectroscopy</i> , 2017, 71, 2344-2352.	1.2	13
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1483	Comparison of Six Methylation Methods for Fatty Acid Determination in Yak Bone Using Gas Chromatography. <i>Food Analytical Methods</i> , 2017, 10, 3496-3507.	1.3	6
1484	Secretory phospholipase-A2 and fatty acid composition in oral reactive lesions: a cross-sectional study. <i>Cancer Cell International</i> , 2017, 17, 50.	1.8	2
1485	Fat content, fatty acid pattern and iron content in livers of turkeys with hepatic lipidosis. <i>Lipids in Health and Disease</i> , 2017, 16, 98.	1.2	12
1486	Quantitative Proteomics Analysis Confirmed Oxidative Metabolism Predominates in <i>Streptomyces coelicolor</i> versus Glycolytic Metabolism in <i>Streptomyces lividans</i> . <i>Journal of Proteome Research</i> , 2017, 16, 2597-2613.	1.8	44
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1488	Comparative effects of brown and golden flaxseeds on body composition, inflammation and bone remodelling biomarkers in perimenopausal overweight women. <i>Journal of Functional Foods</i> , 2017, 33, 166-175.	1.6	7
1489	A comparison of heart rate variability, n-3 PUFA status and lipid mediator profile in age- and BMI-matched middle-aged vegans and omnivores. <i>British Journal of Nutrition</i> , 2017, 117, 669-685.	1.2	24

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1509	Effect of plant growth regulators on production of alpha-linolenic acid from microalgae <i>Chlorella pyrenoidosa</i> . <i>Sadhana - Academy Proceedings in Engineering Sciences</i> , 2017, 42, 1821-1824.	0.8	14
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1512	Differential fatty acid analysis of cerebrospinal fluid in infants and young children with suspected meningitis. <i>Child's Nervous System</i> , 2017, 33, 111-117.	0.6	1
1513	Effect of soy lecithin on total cholesterol content, fatty acid composition and carcass characteristics in the Longissimus dorsi of Hanwoo steers (Korean native cattle). <i>Animal Science Journal</i> , 2017, 88, 847-853.	0.6	11
1514	Changes in fatty acid profile and chemical composition of meagre (<i>Argyrosomus regius</i>) fed with different lipid and selenium levels. <i>European Journal of Lipid Science and Technology</i> , 2017, 119, 1600016.	1.0	4
1515	Capability of microalgae for local saline sewage treatment towards biodiesel production. <i>IOP Conference Series: Earth and Environmental Science</i> , 2017, 82, 012008.	0.2	6
1516	Dietary whole and cracked linseed increases the proportion of oleic and \pm -linolenic acids in adipose tissues and decreases stearoyl-coenzyme A desaturase, acetyl-coenzyme A carboxylase, and fatty acid synthase gene expression in the longissimus thoracis muscle of Yanbian Yellow cattle. <i>Journal of Animal Science</i> , 2017, 95, 718-726.	0.2	8
1518	Chronic Psychological Stress Was Not Ameliorated by Omega-3 Eicosapentaenoic Acid (EPA). <i>Frontiers in Pharmacology</i> , 2017, 8, 551.	1.6	8
1519	Concerns with the Study on Australian and New Zealand Fish Oil Products by Nichols et al. (<i>Nutrients</i>) Tj ETQq0 0 0 rgrBT /Overlock 10 T	1.7	3
1520	Age-Related Loss in Bone Mineral Density of Rats Fed Lifelong on a Fish Oil-Based Diet Is Avoided by Coenzyme Q10 Addition. <i>Nutrients</i> , 2017, 9, 176.	1.7	20
1521	Response to a Comment by Albert et al. (<i>Nutrients</i> 2017, 9, 137) Entitled "Concerns with the Study on Australian and New Zealand Fish Oil Products" by Nichols et al. (<i>Nutrients</i> 2016, 8, 703). <i>Nutrients</i> , 2017, 9, 583.	1.7	1
1522	The Impact of a Weight Loss Intervention on Diet Quality and Eating Behaviours in People with Obesity and COPD. <i>Nutrients</i> , 2017, 9, 1147.	1.7	12
1523	FTIR Spectroscopy for Evaluation and Monitoring of Lipid Extraction Efficiency for Oleaginous Fungi. <i>PLoS ONE</i> , 2017, 12, e0170611.	1.1	118
1524	Lauric acid as feed additive " An approach to reducing <i>Campylobacter</i> spp. in broiler meat. <i>PLoS ONE</i> , 2017, 12, e0175693.	1.1	34
1525	Dietary arachidonic acid increases deleterious effects of amyloid- β oligomers on learning abilities and expression of AMPA receptors: putative role of the ACSL4-cPLA2 balance. <i>Alzheimer's Research and Therapy</i> , 2017, 9, 69.	3.0	16
1526	Combining biotechnology with circular bioeconomy: From poultry, swine, cattle, brewery, dairy and urban wastewaters to biohydrogen. <i>Environmental Research</i> , 2018, 164, 32-38.	3.7	90

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1528	20-Week follow-up of hepatic steatosis installation and liver mitochondrial structure and activity and their interrelation in rats fed a high-fat high-fructose diet. <i>British Journal of Nutrition</i> , 2018, 119, 368-380.	1.2	26
1529	Quantification of Fatty Acid Methyl Esters in Various Biological Matrices by LC-DAD and LC-MS after One-Step Transesterification. <i>Food Analytical Methods</i> , 2018, 11, 2244-2251.	1.3	1
1530	Enzymatic esterification of palm fatty-acid distillate for the production of polyol esters with biolubricant properties. <i>Industrial Crops and Products</i> , 2018, 116, 90-96.	2.5	74
1531	Saturated Fats from Butter but Not from Cheese Increase HDL-Mediated Cholesterol Efflux Capacity from J774 Macrophages in Men and Women with Abdominal Obesity. <i>Journal of Nutrition</i> , 2018, 148, 573-580.	1.3	18
1532	Effects of fat supplementation on plasma glucose, insulin and fatty acid analysis in ponies maintained on a forage-based diet. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2018, 102, 1069-1076.	1.0	0
1533	Development of Sequential Processes for Multiple Product Recovery from Microalgae. <i>Industrial Biotechnology</i> , 2018, 14, 95-106.	0.5	1
1534	Steroid-depleted polycystic ovarian syndrome serum promotes <i>in vitro</i> oocyte maturation and embryo development. <i>Gynecological Endocrinology</i> , 2018, 34, 698-703.	0.7	3
1535	Study of low temperature chlorine atom initiated oxidation of methyl and ethyl butyrate using synchrotron photoionization TOF-mass spectrometry. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 5785-5794.	1.3	3
1536	<i>Shewanella putrefaciens</i> Pdp11 probiotic supplementation as enhancer of Artemian-3 HUFA contents and growth performance in Senegalese sole larviculture. <i>Aquaculture Nutrition</i> , 2018, 24, 548-561.	1.1	7
1537	Plasma Fatty Acids as Surrogate for Prostate Levels. <i>Nutrition and Cancer</i> , 2018, 70, 45-50.	0.9	2
1538	Microalgae-mediated brewery wastewater treatment: effect of dilution rate on nutrient removal rates, biomass biochemical composition, and cell physiology. <i>Journal of Applied Phycology</i> , 2018, 30, 1583-1595.	1.5	38
1539	Relative levels of dietary EPA and DHA impact gastric oxidation and essential fatty acid uptake. <i>Journal of Nutritional Biochemistry</i> , 2018, 55, 68-75.	1.9	21
1540	Impact of black soldier fly larvae meal on the chemical and nutritional characteristics of rainbow trout filets. <i>Animal</i> , 2018, 12, 1672-1681.	1.3	42
1541	A novel strategy of biodiesel production from wet microalgae by direct saponification esterification conversion (DSEC). <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2018, 83, 23-31.	2.7	17
1542	Skeletal muscle expression of p43, a truncated thyroid hormone receptor β , affects lipid composition and metabolism. <i>Journal of Bioenergetics and Biomembranes</i> , 2018, 50, 71-79.	1.0	1
1543	Convergence of direct-transesterification and anaerobic digestion for improved bioenergy potentials of microalgae. <i>Journal of Cleaner Production</i> , 2018, 178, 749-756.	4.6	9
1544	Effects of a combined intervention with a lentil protein hydrolysate and a mixed training protocol on the lipid metabolism and hepatic markers of NAFLD in Zucker rats. <i>Food and Function</i> , 2018, 9, 830-850.	2.1	21

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1546	An 18-mo randomized, double-blind, placebo-controlled trial of DHA-rich fish oil to prevent age-related cognitive decline in cognitively normal older adults. <i>American Journal of Clinical Nutrition</i> , 2018, 107, 754-762.	2.2	40
1547	Artificial Production of Siberian Sturgeon Fingerlings for Restocking the Siberian Rivers of the Obâ€™-Irtysk Basin: A Synthesis. , 2018, , 181-216.		3
1548	The complete life cycle in captivity of the spider crab, <i>Maja brachydactyla</i> , Herbst 1788. <i>Aquaculture Research</i> , 2018, 49, 2440-2445.	0.9	4
1549	Deposition and mobilization of lipids varies across the rainbow trout fillet during feed deprivation and transition from plant to fish oil-based diets. <i>Aquaculture</i> , 2018, 491, 39-49.	1.7	7
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1551	The influence of diet on the early development of two seahorse species (<i>H. guttulatus</i> and <i>H. reidi</i>): Traditional and innovative approaches. <i>Aquaculture</i> , 2018, 490, 75-90.	1.7	41
1552	Associations between Proportion of Plasma Phospholipid Fatty Acids, Depressive Symptoms and Major Depressive Disorder. Cross-Sectional Analyses from the AGES Reykjavik Study. <i>Journal of Nutrition, Health and Aging</i> , 2018, 22, 354-360.	1.5	1
1553	Effects of docosahexanoic acid on metabolic and fat parameters in HIV-infected patients on cART: A randomized, double-blind, placebo-controlled study. <i>Clinical Nutrition</i> , 2018, 37, 1340-1347.	2.3	5
1554	Fatty acids and contaminants in edible marine gastropods from Patagonia. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2018, 98, 1355-1363.	0.4	12
1555	Using biomarkers to address the impacts of pollution on limpets (<i>Patella depressa</i>) and their mechanisms to cope with stress. <i>Ecological Indicators</i> , 2018, 95, 1077-1086.	2.6	19
1556	Gene pathways associated with mitochondrial function, oxidative stress and telomere length are differentially expressed in the liver of rats fed lifelong on virgin olive, sunflower or fish oils. <i>Journal of Nutritional Biochemistry</i> , 2018, 52, 36-44.	1.9	39
1557	Arachidonic acid supplementation modulates blood and skeletal muscle lipid profile with no effect on basal inflammation in resistance exercise trained men. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2018, 128, 74-86.	1.0	29
1558	Production of d-arabitol from d-xylose by the oleaginous yeast <i>Rhodospiridium toruloides</i> IFO0880. <i>Applied Microbiology and Biotechnology</i> , 2018, 102, 143-151.	1.7	71
1559	A High-Throughput Method for the Analysis of Erythrocyte Fatty Acids and the Omega-3 Index. <i>Lipids</i> , 2018, 53, 1005-1015.	0.7	12
1560	Adipogenic/lipogenic gene expression and fatty acid composition in chuck, loin, and round muscles in response to grain feeding of Yanbian Yellow cattle. <i>Journal of Animal Science</i> , 2018, 96, 2698-2709.	0.2	15
1561	Serial measures of circulating biomarkers of dairy fat and total and cause-specific mortality in older adults: the Cardiovascular Health Study. <i>American Journal of Clinical Nutrition</i> , 2018, 108, 476-484.	2.2	38
1562	Circulating Very Long-Chain Saturated Fatty Acids and Heart Failure: The Cardiovascular Health Study. <i>Journal of the American Heart Association</i> , 2018, 7, e010019.	1.6	45

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1564	Triglyceride Form of Docosahexaenoic Acid Mediates Neuroprotection in Experimental Parkinsonism. <i>Frontiers in Neuroscience</i> , 2018, 12, 604.	1.4	26
1565	Effect of Low Dose Docosahexaenoic Acid-Rich Fish Oil on Plasma Lipids and Lipoproteins in Pre-Menopausal Women: A Dose-Response Randomized Placebo-Controlled Trial. <i>Nutrients</i> , 2018, 10, 1460.	1.7	9
1566	Effects of nutrients and processing on the nutritionally important metabolites of <i>Ulva</i> sp. (<i>Chlorophyta</i>). <i>Algal Research</i> , 2018, 35, 586-594.	2.4	21
1567	Advanced Liver Fibrosis Is Independently Associated with Palmitic Acid and Insulin Levels in Patients with Non-Alcoholic Fatty Liver Disease. <i>Nutrients</i> , 2018, 10, 1586.	1.7	33
1568	Use of <i>Yarrowia lipolytica</i> Lipase Immobilized in Cell Debris for the Production of Lipolyzed Milk Fat (LMF). <i>International Journal of Molecular Sciences</i> , 2018, 19, 3413.	1.8	20
1569	Multivariate optimization of a method for the determination of fatty acids in dental biofilm by GC-MS. <i>Bioanalysis</i> , 2018, 10, 1319-1333.	0.6	5
1570	Serial circulating omega 3 polyunsaturated fatty acids and healthy ageing among older adults in the Cardiovascular Health Study: prospective cohort study. <i>BMJ: British Medical Journal</i> , 2018, 363, k4067.	2.4	47
1571	MILK COMPOSITION OF INDIAN RHINOCEROS (<i>RHINOCEROS UNICORNIS</i>) AND CHANGES OVER LACTATION. <i>Journal of Zoo and Wildlife Medicine</i> , 2018, 49, 704-714.	0.3	2
1572	Dietary Lipids Affect the Onset of Hibernation in the Garden Dormouse (<i>Eliomys quercinus</i>): Implications for Cardiac Function. <i>Frontiers in Physiology</i> , 2018, 9, 1235.	1.3	37
1573	Dietary fatty acid composition impacts plasma fatty acid ethanolamide levels and body composition in golden Syrian hamsters. <i>Food and Function</i> , 2018, 9, 3351-3362.	2.1	9
1574	Oxidative stress, lipid peroxidation indexes and antioxidant vitamins in long and middle distance athletes during a sport season. <i>Journal of Sports Medicine and Physical Fitness</i> , 2018, 58, 1713-1719.	0.4	8
1575	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.	2.2	138
1576	Supplementation with a highly concentrated docosahexaenoic acid plus xanthophyll carotenoid multivitamin in nonproliferative diabetic retinopathy: prospective controlled study of macular function by fundus microperimetry. <i>Clinical Ophthalmology</i> , 2018, Volume 12, 1011-1020.	0.9	21
1577	Replacement of pork fat in frankfurter-type sausages by soybean oil oleogels structured with rice bran wax. <i>Meat Science</i> , 2018, 145, 352-362.	2.7	102
1578	The impact of DocosaHexaenoic Acid supplementation during pregnancy and lactation on Neurodevelopment of the offspring in India (DHANI): trial protocol. <i>BMC Pediatrics</i> , 2018, 18, 261.	0.7	8
1579	Comparison of Fatty Acid and Gene Profiles in Skeletal Muscle in Normal and Obese C57BL/6J Mice before and after Blunt Muscle Injury. <i>Frontiers in Physiology</i> , 2018, 9, 19.	1.3	16
1580	Medium-Chain Triglycerides Lower Blood Lipids and Body Weight in Streptozotocin-Induced Type 2 Diabetes Rats. <i>Nutrients</i> , 2018, 10, 963.	1.7	24

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1582	Differential Long-Chain Polyunsaturated Fatty Acids Status and Placental Transport in Adolescent Pregnancies. <i>Nutrients</i> , 2018, 10, 220.	1.7	5
1583	Quality parameters of wild white trevally (<i>Pseudocaranx dentex</i>) natural spawn kept in captivity. <i>Aquaculture</i> , 2018, 495, 68-77.	1.7	4
1584	Aurantiochytrium limacinum BCC52274 improves growth, hypo-salinity tolerance and swimming strength of <i>Penaeus vannamei</i> post larvae. <i>Aquaculture</i> , 2018, 495, 849-857.	1.7	12
1585	Relationship between the fatty acid composition of uropygial gland secretion and blood of meat chickens receiving different dietary fats. <i>Animal Production Science</i> , 2018, 58, 828.	0.6	5
1586	Supplementing sow diets with palm oil during late gestation and lactation: effects on milk production, sow hormonal profiles and growth and development of her offspring. <i>Animal</i> , 2018, 12, 2578-2586.	1.3	13
1587	<i>Lactobacillus rhamnosus</i> GG increases cyclooxygenase-2 expression and prostaglandin E2 secretion in colonic myofibroblasts via a MyD88-dependent mechanism during homeostasis. <i>Cellular Microbiology</i> , 2018, 20, e12871.	1.1	15
1588	Jussara berry (<i>Euterpe edulis</i> M.) oil-water emulsions are highly stable: the role of natural antioxidants in the fruit oil. <i>Journal of the Science of Food and Agriculture</i> , 2019, 99, 90-99.	1.7	10
1589	Omega-3 fatty acids decrease prostate cancer progression associated with an anti-tumor immune response in eugonadal and castrated mice. <i>Prostate</i> , 2019, 79, 9-20.	1.2	28
1590	Dietary fatty acid profile influences circulating and tissue fatty acid ethanamide concentrations in a tissue-specific manner in male Syrian hamsters. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2019, 1864, 1563-1579.	1.2	6
1591	Quantification of phospholipid fatty acids by chemical isotope labeling coupled with atmospheric pressure gas chromatography quadrupole- time-of-flight mass spectrometry (APGC/Q-TOF MS). <i>Analytica Chimica Acta</i> , 2019, 1082, 86-97.	2.6	16
1592	Fatty Acid Profile and Cardiometabolic Markers in Relation with Diet Type and Omega-3 Supplementation in Spanish Vegetarians. <i>Nutrients</i> , 2019, 11, 1659.	1.7	16
1593	Chemical Composition, Nutritional Value, and Safety of Cooked Female <i>Chaceon Maritae</i> from Namibe (Angola). <i>Foods</i> , 2019, 8, 227.	1.9	8
1594	Growth performance and nutrient utilisation of Senegalese sole fed vegetable oils in plant protein-rich diets from juvenile to market size. <i>Aquaculture</i> , 2019, 511, 734229.	1.7	6
1595	A Nutraceutical Rich in Docosahexaenoic Acid Improves Portal Hypertension in a Preclinical Model of Advanced Chronic Liver Disease. <i>Nutrients</i> , 2019, 11, 2358.	1.7	13
1596	Heart Histopathology and Mitochondrial Ultrastructure in Aged Rats Fed for 24 Months on Different Unsaturated Fats (Virgin Olive Oil, Sunflower Oil or Fish Oil) and Affected by Different Longevity. <i>Nutrients</i> , 2019, 11, 2390.	1.7	14
1597	Ovarian stimulated cycles reduce protection of follicular fluid against free radicals. <i>Free Radical Biology and Medicine</i> , 2019, 145, 330-335.	1.3	5
1598	Docosahexaenoic acid varies in rat skeletal muscle membranes according to fibre type and provision of dietary fish oil. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2019, 151, 37-44.	1.0	11

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1600	Effects of Industrial Boiling on the Nutritional Profile of Common Octopus (<i>Octopus vulgaris</i>). <i>Foods</i> , 2019, 8, 411.	1.9	13
1601	Production of galactitol from galactose by the oleaginous yeast <i>Rhodospiridium toruloides</i> IFO0880. <i>Biotechnology for Biofuels</i> , 2019, 12, 250.	6.2	34
1602	Hepatic lipidosis: Liver characteristics and acute phase proteins in affected turkeys. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2021, 105, 70-78.	1.0	4
1603	<p>Supplementation with high-content docosahexaenoic acid triglyceride in attention-deficit hyperactivity disorder: a randomized double-blind placebo-controlled trial</p>. <i>Neuropsychiatric Disease and Treatment</i> , 2019, Volume 15, 1193-1209.	1.0	9
1604	Graded Incorporation of Defatted Yellow Mealworm (<i>Tenebrio molitor</i>) in Rainbow Trout (<i>Oncorhynchus mykiss</i>) Diet Improves Growth Performance and Nutrient Retention. <i>Animals</i> , 2019, 9, 187.	1.0	52
1605	Effect of three diets on the gametogenic development and fatty acid profile of <i>Paracentrotus lividus</i> (Lamarck, 1816) gonads. <i>Aquaculture Research</i> , 2019, 50, 2023-2038.	0.9	16
1606	Association of trans fatty acids with lipids and other cardiovascular risk factors in an Indian industrial population. <i>BMC Research Notes</i> , 2019, 12, 342.	0.6	1
1607	Lipid and fatty acid profiles of gametes and spawned gonads of <i>Arbacia dufresnii</i> (Echinodermata: Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50	0.7	12
1608	Point of purchase fatty acid profile, oxidative status and quality of vacuum-packaged grass fed Australian beef held chilled for up to 12 weeks. <i>Meat Science</i> , 2019, 158, 107878.	2.7	19
1609	Nutritional composition of lamb retail cuts from the carcasses of extensively finished lambs. <i>Meat Science</i> , 2019, 154, 126-132.	2.7	27
1610	A worldwide reliable indicator to differentiate wild vs. farmed Penaeid shrimps based on 207 fatty acid profiles. <i>Food Chemistry</i> , 2019, 292, 247-252.	4.2	5
1611	The role of the hyaline spheres in sea cucumber metamorphosis: lipid storage via transport cells in the blastocoel. <i>EvoDevo</i> , 2019, 10, 8.	1.3	15
1612	Increased $\hat{\pm}$ Linolenic Acid Intake during Pregnancy is Associated with Higher Offspring Birth Weight. <i>Current Developments in Nutrition</i> , 2019, 3, nzy081.	0.1	6
1613	Total and Free Fatty Acids Analysis in Milk and Dairy Fat. <i>Separations</i> , 2019, 6, 14.	1.1	59
1614	The Antagonist Effect of Arachidonic Acid on GLUT4 Gene Expression by Nuclear Receptor Type II Regulation. <i>International Journal of Molecular Sciences</i> , 2019, 20, 963.	1.8	7
1615	Production of Valuable Compounds and Bioactive Metabolites from By-Products of Fish Discards Using Chemical Processing, Enzymatic Hydrolysis, and Bacterial Fermentation. <i>Marine Drugs</i> , 2019, 17, 139.	2.2	66
1616	Understanding the degree of estolide enzymatic polymerization and the effects on its lubricant properties. <i>Fuel</i> , 2019, 245, 286-293.	3.4	16

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1617	Carotenoids, fatty acids and disease burden in obese minority adolescents with asthma. <i>Clinical and Experimental Allergy</i> , 2019, 49, 838-846.	1.4	20
1618	DHA intake interacts with ELOVL2 and ELOVL5 genetic variants to influence polyunsaturated fatty acids in human milk. <i>Journal of Lipid Research</i> , 2019, 60, 1043-1049.	2.0	19
1619	Effects of Virgin Olive Oils Differing in Their Bioactive Compound Contents on Biomarkers of Oxidative Stress and Inflammation in Healthy Adults: A Randomized Double-Blind Controlled Trial. <i>Nutrients</i> , 2019, 11, 561.	1.7	46
1620	Pathway-oriented action of dietary essential oils to prevent muscle protein oxidation and texture deterioration of farmed rainbow trout. <i>Animal</i> , 2019, 13, 2080-2091.	1.3	15
1621	Variability of fatty acid profiles in ferns: Relation to fern taxonomy and seasonal development. <i>Phytochemistry</i> , 2019, 162, 47-55.	1.4	18
1622	Edible larvae and pupae of honey bee (<i>Apis mellifera</i>): Odor and nutritional characterization as a function of diet. <i>Food Chemistry</i> , 2019, 292, 197-203.	4.2	45
1623	Optimization of <i>Synechococcus</i> sp. VDW Cultivation with Artificially Prepared Shrimp Wastewater for Ammonium Removal and Its Potential for Use As a Biofuel Feedstock. <i>Journal of Oleo Science</i> , 2019, 68, 233-243.	0.6	9
1624	Ability of European seabass (<i>Dicentrarchus labrax</i>) to digest rendered animal fats from fish, poultry and mammals. <i>Aquaculture Nutrition</i> , 2019, 25, 729-736.	1.1	4
1625	Two-Step Direct Transesterification as a Rapid Method for the Analysis of Fatty Acids in Microalgae Biomass. <i>European Journal of Lipid Science and Technology</i> , 2019, 121, 1700409.	1.0	11
1626	Development of bioprocesses for the integral valorisation of fish discards. <i>Biochemical Engineering Journal</i> , 2019, 144, 198-208.	1.8	32
1627	Reducing Pup Litter Size Alters Early Postnatal Calcium Homeostasis and Programs Adverse Adult Cardiovascular and Bone Health in Male Rats. <i>Nutrients</i> , 2019, 11, 118.	1.7	10
1628	Critical Review on the Utilization of Handheld and Portable Raman Spectrometry in Meat Science. <i>Foods</i> , 2019, 8, 49.	1.9	39
1629	Hass avocado (<i>Persea americana</i> Mill.) oil enriched in phenolic compounds and tocopherols by expeller-pressing the unpeeled microwave dried fruit. <i>Food Chemistry</i> , 2019, 286, 354-361.	4.2	29
1630	Effect of Fish Oil Supplementation on Hepatic and Visceral Fat in Overweight Men: A Randomized Controlled Trial. <i>Nutrients</i> , 2019, 11, 475.	1.7	40
1631	The effect of sex, season and gametogenic cycle on gonad yield, biochemical composition and quality traits of <i>Paracentrotus lividus</i> along the North Atlantic coast of Portugal. <i>Scientific Reports</i> , 2019, 9, 2994.	1.6	40
1632	QTL fine mapping for intramuscular fat and fatty acid composition using high-density SNP chip array on SSC12 in Korean native pig × Yorkshire F2 population. <i>Czech Journal of Animal Science</i> , 2019, 64, 180-188.	0.5	3
1633	Serial Plasma Phospholipid Fatty Acids in the De Novo Lipogenesis Pathway and Total Mortality, Cause-Specific Mortality, and Cardiovascular Diseases in the Cardiovascular Health Study. <i>Journal of the American Heart Association</i> , 2019, 8, e012881.	1.6	26
1634	Enkephalinase activity is modified and correlates with fatty acids in frontal cortex depending on fish, olive or coconut oil used in the diet. <i>Endocrine Regulations</i> , 2019, 53, 59-64.	0.5	6

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1635	Valorization of Aquaculture By-Products of Salmonids to Produce Enzymatic Hydrolysates: Process Optimization, Chemical Characterization and Evaluation of Bioactives. <i>Marine Drugs</i> , 2019, 17, 676.	2.2	33
1636	Flaxseed oil supplementation improves intestinal function and immunity, associated with altered intestinal microbiome and fatty acid profile in pigs with intrauterine growth retardation. <i>Food and Function</i> , 2019, 10, 8149-8160.	2.1	24
1637	Lower follicular n-3 polyunsaturated fatty acid levels are associated with a better response to ovarian stimulation. <i>Journal of Assisted Reproduction and Genetics</i> , 2019, 36, 473-482.	1.2	18
1638	Whole conversion of microalgal biomass into biofuels through successive high-throughput fermentation. <i>Chemical Engineering Journal</i> , 2019, 360, 797-805.	6.6	74
1639	Long-term follow-up of muscle lipid accumulation, mitochondrial activity and oxidative stress and their relationship with impaired glucose homeostasis in high fat high fructose diet-fed rats. <i>Journal of Nutritional Biochemistry</i> , 2019, 64, 182-197.	1.9	6
1640	Nutritional value and fatty acid profile of two wild edible limpets from the Madeira Archipelago. <i>European Food Research and Technology</i> , 2019, 245, 895-905.	1.6	9
1641	Dietary saturated fatty acid type impacts obesity-induced metabolic dysfunction and plasma lipidomic signatures in mice. <i>Journal of Nutritional Biochemistry</i> , 2019, 64, 32-44.	1.9	36
1642	Evaluation of ovarian cancer risk in granulosa cells treated with steroid-depleted endometriosis serum: Role of NF- κ B/RelA and AKT. <i>Journal of Cellular Physiology</i> , 2019, 234, 12011-12018.	2.0	4
1643	Natural history of a cohort of <i>ABCD</i> variant female carriers. <i>European Journal of Neurology</i> , 2019, 26, 326-332.	1.7	19
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1645	A Mediterranean-style dietary intervention supplemented with fish oil improves diet quality and mental health in people with depression: A randomized controlled trial (HELFI-MED). <i>Nutritional Neuroscience</i> , 2019, 22, 474-487.	1.5	335
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1650	Recovery of a protein-rich biomass from shrimp (<i>Pandalus borealis</i>) boiling water: A colloidal study. <i>Food Chemistry</i> , 2020, 302, 125299.	4.2	23
1651	Preliminary investigation into the use of Raman spectroscopy for the verification of Australian grass and grain fed beef. <i>Meat Science</i> , 2020, 160, 107970.	2.7	15
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1654	Higher Omega-3 Index Is Associated with Better Asthma Control and Lower Medication Dose: A Cross-Sectional Study. <i>Nutrients</i> , 2020, 12, 74.	1.7	20
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1657	Gas chromatography-mass spectrometry-based analytical strategies for fatty acid analysis in biological samples. <i>Journal of Food and Drug Analysis</i> , 2020, 28, 60-73.	0.9	96
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1663	Biochemical Composition and Quality Parameters of Raw and Cooked Refrigerated Patagonian Crabmeat <i><i>(Ovalipes trimaculatus)</i></i> . <i>Journal of Aquatic Food Product Technology</i> , 2020, 29, 1013-1028.	0.6	6
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1665	Assessment of ethanol tolerance of <i>Kluyveromyces marxianus</i> CCT 7735 selected by adaptive laboratory evolution. <i>Applied Microbiology and Biotechnology</i> , 2020, 104, 7483-7494.	1.7	25
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1685	Effects of Polyester Microfibers on Microphytobenthos and Sediment-Dwelling Infauna. <i>Environmental Science & Technology</i> , 2020, 54, 7970-7982.	4.6	42
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1687	DHA-enriched fish oil reduces insulin resistance in overweight and obese adults. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2020, 159, 102154.	1.0	39
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1691	Variation in phenolic compounds, $\hat{\pm}$ -linolenic acid and linoleic acid contents and antioxidant activity of purslane (<i>Portulaca oleracea</i> L.) during phenological growth stages. <i>Physiology and Molecular Biology of Plants</i> , 2020, 26, 1519-1529.	1.4	23
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1697	Evaluation of graded levels of soy oil as a fish oil replacement in high soy protein feeds for juvenile red drum, <i>Sciaenops ocellatus</i> . <i>Aquaculture</i> , 2020, 529, 735627.	1.7	8
1698	Gochujang prepared using rice and wheat koji partially alleviates high-fat diet-induced obesity in rats. <i>Food Science and Nutrition</i> , 2020, 8, 1562-1574.	1.5	13
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1701	Production, Characterization, and Bioactivity of Fish Protein Hydrolysates from Aquaculture Turbot (<i>Scophthalmus maximus</i>) Wastes. <i>Biomolecules</i> , 2020, 10, 310.	1.8	43
1702	Characterising a Weight Loss Intervention in Obese Asthmatic Children. <i>Nutrients</i> , 2020, 12, 507.	1.7	3
1703	Assessing the impact of sulfur concentrations on growth and biochemical composition of three marine microalgae. <i>Journal of Applied Phycology</i> , 2020, 32, 967-975.	1.5	19
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1708	Oocytes of women who are obese or overweight have lower levels of n-3 polyunsaturated fatty acids compared with oocytes of women with normal weight. <i>Fertility and Sterility</i> , 2020, 113, 53-61.	0.5	18
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1715	The effects of broodstock generation on ova fatty acid profile in Giant Kokopu <i>Galaxias argenteus</i> . <i>New Zealand Journal of Marine and Freshwater Research</i> , 0, , 1-10.	0.8	1
1716	Circulating plasma fatty acids and risk of pancreatic cancer: Results from the Golestan Cohort Study. <i>Clinical Nutrition</i> , 2021, 40, 1897-1904.	2.3	11
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1718	Influence of Crop System Fruit Quality, Carotenoids, Fatty Acids and Phenolic Compounds in Cherry Tomatoes. <i>Agricultural Research</i> , 2021, 10, 56-65.	0.9	9
1719	Fatty acids of follicular fluid phospholipids and triglycerides display distinct association with IVF outcomes. <i>Reproductive BioMedicine Online</i> , 2021, 42, 301-309.	1.1	16
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1721	Time-restricted feeding mice a high-fat diet induces a unique lipidomic profile. <i>Journal of Nutritional Biochemistry</i> , 2021, 88, 108531.	1.9	10
1722	A polyphasic approach to the characterization of potential silver-nanoparticles producing and non-producing isolates of <i>Alternaria</i> species and antifungal activity against mycotoxigenic fungi. <i>Biotechnology and Biotechnological Equipment</i> , 2021, 35, 290-302.	0.5	6
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1726	Quality Characteristics and Oxidative Stability of Gangwon Traditional <i>Doenjang</i> Fermented for Different Time. <i>Journal of the Korean Society of Food Science and Nutrition</i> , 2021, 50, 69-78.	0.2	1
1727	Association Between Serum Concentrations of Free Fatty Acids with Free Iron in Type 2 Diabetes. <i>IFMBE Proceedings</i> , 2021, , 423-432.	0.2	0
1728	Biometric parameters and biochemical composition of wild wreckfish (<i>Polyprion americanus</i>). <i>Marine Biology Research</i> , 2021, 17, 234-246.	0.3	1
1729	Classification of Southern Australian Grass- and Grain-Fed Beef. <i>Food Analytical Methods</i> , 2021, 14, 1730-1743.	1.3	1
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1731	Ganglioside isomer analysis using ion polarity switching liquid chromatography-tandem mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2021, 413, 3269-3279.	1.9	8
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1733	Palm oil wastes as feedstock for lipase production by <i>Yarrowia lipolytica</i> and biocatalyst application/reuse. <i>3 Biotech</i> , 2021, 11, 191.	1.1	10
1734	Fingertip Whole Blood as an Indicator of Omega-3 Long-Chain Polyunsaturated Fatty Acid Changes during Dose-Response Supplementation in Women: Comparison with Plasma and Erythrocyte Fatty Acids. <i>Nutrients</i> , 2021, 13, 1419.	1.7	3
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1736	Fish Oil Improves Pathway-Oriented Profiling of Lipid Mediators for Maintaining Metabolic Homeostasis in Adipose Tissue of Prediabetic Rats. <i>Frontiers in Immunology</i> , 2021, 12, 608875.	2.2	9
1737	Inadequate Content of Docosahexaenoic Acid (DHA) of Donor Human Milk for Feeding Preterm Infants: A Comparison with Mother's Own Milk at Different Stages of Lactation. <i>Nutrients</i> , 2021, 13, 1300.	1.7	9
1738	Evaluation of potential metabolomic-based biomarkers of protein, carbohydrate and fat intakes using a controlled feeding study. <i>European Journal of Nutrition</i> , 2021, 60, 4207-4218.	1.8	17
1739	Pre-breeding Diets in the Seahorse <i>Hippocampus reidi</i> : How Do They Affect Fatty Acid Profiles, Energetic Status and Histological Features in Newborn?. <i>Frontiers in Marine Science</i> , 2021, 8, .	1.2	6
1740	Microencapsulated <i>Spirulina maxima</i> biomass as an ingredient for the production of nutritionally enriched and sensorially well-accepted vegan biscuits. <i>LWT - Food Science and Technology</i> , 2021, 142, 110997.	2.5	26
1741	Seasonal Changes in the Nutritional Composition of <i>Agarophyton vermiculophyllum</i> (Rhodophyta,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.9	27
1742	Prepubertal Dietary and Plasma Phospholipid Fatty Acids Related to Puberty Timing: Longitudinal Cohort and Mendelian Randomization Analyses. <i>Nutrients</i> , 2021, 13, 1868.	1.7	6

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1744	Effect of different levels of synthetic astaxanthin on growth, skin color and lipid metabolism of commercial sized red porgy (<i>Pagrus pagrus</i>). <i>Animal Feed Science and Technology</i> , 2021, 276, 114916.	1.1	15
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1746	Response to Bannenberg and Rice. <i>Nutrition Reviews</i> , 2021, 80, 138-140.	2.6	0
1747	Rapid quantification of fatty acids in plant oils and biological samples by LC-MS. <i>Analytical and Bioanalytical Chemistry</i> , 2021, 413, 5439-5451.	1.9	16
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1750	Heart Rate Variability and Long Chain n-3 Polyunsaturated Fatty Acids in Chronic Kidney Disease Patients on Haemodialysis: A Cross-Sectional Pilot Study. <i>Nutrients</i> , 2021, 13, 2453.	1.7	2
1751	Assessment of Plasma Phospholipid Very-Long-Chain Saturated Fatty Acid Levels and Healthy Aging. <i>JAMA Network Open</i> , 2021, 4, e2120616.	2.8	8
1752	Effects of feeding starch sugar by-products on in situ rumen disappearance rate, growth performance, and carcass characteristics of late finishing Hanwoo steers. <i>Animal Bioscience</i> , 2022, 35, 217-223.	0.8	2
1753	Nutritive Value of 11 Bee Pollen Samples from Major Floral Sources in Taiwan. <i>Foods</i> , 2021, 10, 2229.	1.9	16
1754	The influence of a basic military training diet on whole blood fatty acid profile and the Omega-3 Index of Australian Army recruits. <i>Applied Physiology, Nutrition and Metabolism</i> , 2022, 47, 151-158.	0.9	2
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1756	Longitudinal Plasma Measures of Trimethylamine N-oxide and Risk of Atherosclerotic Cardiovascular Disease Events in Community-Based Older Adults. <i>Journal of the American Heart Association</i> , 2021, 10, e020646.	1.6	39
1757	Metabolic engineering of the oleaginous yeast <i>Yarrowia lipolytica</i> PO1f for production of erythritol from glycerol. <i>Biotechnology for Biofuels</i> , 2021, 14, 188.	6.2	19
1758	The potential of different marine microalgae species to recycle nutrients from recirculating aquaculture systems (RAS) fish farms and produce feed additives. <i>Algal Research</i> , 2021, 58, 102389.	2.4	12
1759	Synthesis and evaluation of acetylferulic paeonol ester and ferulic paeonol ester as potential antioxidants to inhibit fish oil oxidation. <i>Food Chemistry</i> , 2021, 365, 130384.	4.2	15
1760	Associations between red blood cells fatty acids, desaturases indices and metabolism of platelet activating factor in healthy volunteers. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2021, 164, 102234.	1.0	17

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1762	Polyunsaturated Fatty Acids and Growth in Healthy Children and Some Rare Diseases. , 2012, , 2597-2618.		1
1763	Lipid Biomarkers of Adherence to Low Fat Diets. <i>Advances in Experimental Medicine and Biology</i> , 1996, 399, 115-129.	0.8	3
1764	Erythrocyte Membrane Fatty Acid Composition of Brazilian Nursing Women. <i>Advances in Experimental Medicine and Biology</i> , 2002, , 321-322.	0.8	1
1765	Plasma Non-Esterified Fatty Acid Composition is Different in Lactating and in Nonpregnant Nonlactating Women. <i>Advances in Experimental Medicine and Biology</i> , 2004, 554, 511-514.	0.8	2
1766	Nutritional Value of Brood and Adult Workers of the Asia Honeybee Species <i>Apis cerana</i> and <i>Apis dorsata</i> . , 2020, , 265-273.		8
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1768	Free fatty acid profile in Type 2 diabetic subjects with different control of glycemia. <i>IFMBE Proceedings</i> , 2017, , 781-786.	0.2	4
1769	Depth effect on growth and fatty acid profile of Mediterranean mussel (<i>Mytilus galloprovincialis</i>) produced on a longline off south Portugal. <i>Aquaculture International</i> , 2020, 28, 927-946.	1.1	3
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1771	Whole algal biomass in situ transesterification to fatty acid methyl esters as biofuel feedstocks. , 2020, , 525-537.		2
1772	Selective and fast methylation of free fatty acids directly in plasma for their individual analysis by gas chromatography- mass spectrometry. <i>Journal of Chromatography A</i> , 2020, 1624, 461259.	1.8	8
1773	Substrate specificity of a CoA-dependent stearyl transacylase from bovine testis membranes.. <i>Journal of Biological Chemistry</i> , 1992, 267, 15319-15325.	1.6	10
1774	Genetic analysis of intestinal cholesterol absorption in inbred mice. <i>Journal of Lipid Research</i> , 2001, 42, 1801-1811.	2.0	41
1775	Reversal of docosahexaenoic acid deficiency in the rat brain, retina, liver, and serum. <i>Journal of Lipid Research</i> , 2001, 42, 419-427.	2.0	155
1776	Localization of nervonic acid β -oxidation in human and rodent peroxisomes: impaired oxidation in Zellweger syndrome and X-linked adrenoleukodystrophy. <i>Journal of Lipid Research</i> , 1998, 39, 2161-2171.	2.0	37
1777	Therapy for X-adrenoleukodystrophy: normalization of very long chain fatty acids and inhibition of induction of cytokines by cAMP. <i>Journal of Lipid Research</i> , 1998, 39, 1091-1100.	2.0	30
1778	Specific phospholipid fatty acid composition of brain regions in mice: effects of n-3 polyunsaturated fatty acid deficiency and phospholipid supplementation. <i>Journal of Lipid Research</i> , 2000, 41, 465-472.	2.0	153

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1921	Research Regarding Fatty Acid Profile and Health Lipid Indices in the Lambs Meat of Employing Feed Supplemented with Different Vegetable Oils. Revista De Chimie (discontinued), 2018, 69, 222-227.	0.2	1
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1923	Effects of feeding ethanol on growth performances, carcass characteristics, and lipid metabolism of finishing Korean cattle (Hanwoo) steers. Asian-Australasian Journal of Animal Sciences, 2019, 32, 366-374.	2.4	0
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1925	Regulation of Peroxisome Proliferator-Activated Receptor Pathway During Torpor in the Garden Dormouse, Eliomys quercinus. Frontiers in Physiology, 2020, 11, 615025.	1.3	4
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1929	Docosahexaenoic acid-rich algae oil supplementation on breast milk fatty acid profile of mothers who delivered prematurely: a randomized clinical trial. <i>Scientific Reports</i> , 2021, 11, 21492.	1.6	5
1930	<i>Gloeotheca</i> sp. "Exploiting a New Source of Antioxidant, Anti-Inflammatory, and Antitumor Agents. <i>Marine Drugs</i> , 2021, 19, 623.	2.2	0
1931	Linseed oil as a substitute for fish oil in the diet of Arctic charr (<i>Salvelinus alpinus</i>), brook charr (<i>S. Tj ETQq1 1 0.784314 rgBT /Overlo</i>	0.7	6
1932	Biochemical Characterization and Storage Stability of Process Waters from Industrial Shrimp Production. <i>ACS Omega</i> , 2021, 6, 30960-30970.	1.6	4
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1935	Influence of n-3 fatty acids on maternal behavior and brain oxytocin in the murine perinatal period. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2022, 176, 102386.	1.0	3
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1938	Chemical composition of selected insect meals and their effect on apparent total tract digestibility, fecal metabolites, and microbiota of adult cats fed insect-based retorted diets. <i>Journal of Animal Science</i> , 2022, 100, .	0.2	3
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1941	Effect of trimmed asparagus by-products supplementation in broiler diets on performance, nutrients digestibility, gut ecology, and functional meat production. <i>Veterinary World</i> , 2022, 15, 147-161.	0.7	4
1942	Effect of Plant-Derived n-3 Polyunsaturated Fatty Acids on Blood Lipids and Gut Microbiota: A Double-Blind Randomized Controlled Trial. <i>Frontiers in Nutrition</i> , 2022, 9, 830960.	1.6	5
1943	Assessing chemometric models developed using Raman spectroscopy and fatty acid data for Northern and Southern Australian beef production systems. <i>Meat Science</i> , 2022, 187, 108753.	2.7	2
1944	Effects of starch sugar by-product on rumen <i>in vitro</i> digestibility, <i>in situ</i> disappearance rate, and milking productivity of the lactating dairy cow. <i>PeerJ</i> , 2022, 10, e12998.	0.9	0
1945	Diets Rich in Olive Oil, Palm Oil, or Lard Alter Mitochondrial Biogenesis and Mitochondrial Membrane Composition in Rat Liver. <i>Biochemistry Research International</i> , 2022, 2022, 1-10.	1.5	2
1946	Leptin Receptor Deficiency Results in Hyperphagia and Increased Fatty Acid Mobilization during Fasting in Rainbow Trout (<i>Oncorhynchus mykiss</i>). <i>Biomolecules</i> , 2022, 12, 516.	1.8	5

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1948	Association of fish oil containing lipid emulsions with retinopathy of prematurity: a retrospective observational study. <i>BMC Pediatrics</i> , 2022, 22, 113.	0.7	4
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1952	A rapid method for the screening of fatty acids in lipids in plasma or serum without prior extraction. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2022, 178, 102416.	1.0	2
1953	Molecular characterization of biosynthesis of polyunsaturated fatty acids during different developmental stages in the copepod <i>Apocyclops royi</i> . <i>Aquaculture Reports</i> , 2022, 23, 101064.	0.7	2
1954	Photoionization of Two Potential Biofuel Additives: δ^3 -Valerolactone and Methyl Butyrate. <i>Journal of Physical Chemistry A</i> , 2021, 125, 10711-10724.	1.1	4
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1956	Effect of hatching time and starvation on morphometrics and biochemical composition of <i>Octopus tetricus</i> paralarvae. <i>Aquaculture Research</i> , 2022, 53, 1739-1754.	0.9	1
1963	Effect of propionyl-L-carnitine treatment on membrane phospholipid fatty acid turnover in diabetic rat erythrocytes. <i>Molecular and Cellular Biochemistry</i> , 1995, 152, 31-37.	1.4	7
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1965	Associations of Plasma Fatty Acid Patterns During Pregnancy With Gestational Diabetes Mellitus. <i>Frontiers in Nutrition</i> , 2022, 9, .	1.6	1
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1967	Dietary Pistachio (<i>Pistacia vera</i> L.) Beneficially Alters Fatty Acid Profiles in Streptozotocin-Induced Diabetic Rat. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 4606.	1.3	4
1968	<i>Tannockella kyphosi</i> gen. nov., sp. nov., a member of the family Erysipelotrichaceae, isolated from the hindgut of the marine herbivorous fish <i>Kyphosus sydneyanus</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2022, 72, .	0.8	9
1969	Correlation network analysis of metabolites reveals the role of nitrogen-containing metabolic stressors in stimulating high-value compounds biosynthesis in <i>Arthrospira platensis</i> . <i>Journal of Applied Phycology</i> , 0, , 1.	1.5	0
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1973	Biodiesel from microalgae. , 2022, , 417-438.		1
1975	Bioavailability and biotransformation of linolenic acid from basil seed oil as a novel source of omega-3 fatty acids tested on a rat experimental model. <i>Food and Function</i> , 2022, 13, 7614-7628.	2.1	3
1976	Fatty acids of type 2 diabetic serum decrease the stemness properties of human adiposeâ€derived mesenchymal stem cells. <i>Journal of Cellular Biochemistry</i> , 2022, 123, 1157-1170.	1.2	3
1977	The Greenland population health survey 2018 â€ methods of a prospective study of risk factors for lifestyle related diseases and social determinants of health amongst Inuit. <i>International Journal of Circumpolar Health</i> , 2022, 81, .	0.5	3
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1979	Evaluation of eicosapentaenoic Acid/Arachidonic acid ratio using dried blood spot. <i>Food Science and Technology Research</i> , 2022, , .	0.3	0
1980	The Short-Term Opening of Cyclosporin A-Independent Palmitate/Sr2+-Induced Pore Can Underlie Ion Efflux in the Oscillatory Mode of Functioning of Rat Liver Mitochondria. <i>Membranes</i> , 2022, 12, 667.	1.4	1
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1982	Effect of starvation on the nutritional condition of juvenile green-lipped mussels of different sizes. <i>Aquaculture</i> , 2022, 560, 738580.	1.7	6
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1984	The association of dietary intake and plasma fatty acid panel in pancreatic cancer patients: Results from Golestan cohort study. <i>Nutrition and Health</i> , 0, , 026010602211147.	0.6	2
1985	Differential Effect of Dietary Supplementation with a Soybean Oil Enriched in Oleic Acid versus Linoleic Acid on Plasma Lipids and Atherosclerosis in LDLR-Deficient Mice. <i>International Journal of Molecular Sciences</i> , 2022, 23, 8385.	1.8	9
1986	Variations in nutritional quality and fatty acids composition of sardine (<i>Sardina pilchardus</i>) during canning process in grape seed and olive oils. <i>Journal of Food Science and Technology</i> , 2022, 59, 4844-4852.	1.4	4
1987	Effects of feeding high oleic soybean oil to growingâ€finishing pigs on loin and belly quality. <i>Journal of Animal Science</i> , 2022, 100, .	0.2	1
1988	Effect of the Intake of Lean Red-Meat from Beef-(Pirenaica Breed) versus Lean White-Meat on Body Composition, Fatty Acids Profile and Cardiovascular Risk Indicators: A Randomized Cross-Over Study in Healthy Young Adults. <i>Nutrients</i> , 2022, 14, 3724.	1.7	0
1989	Nutritional Composition and Estimated Iron and Zinc Bioavailability of Meat Substitutes Available on the Swedish Market. <i>Nutrients</i> , 2022, 14, 3903.	1.7	21

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1992	Designer meat production, carcass quality, and hemato-biochemical parameters of broilers fed dietary synbiotic derived from trimmed asparagus by-products combined with probiotic supplementation. <i>Journal of Advanced Veterinary and Animal Research</i> , 2022, 9, 516.	0.5	0
1993	Automated sample preparation and fast GC-MS determination of fatty acids in blood samples and dietary supplements. <i>Analytical and Bioanalytical Chemistry</i> , 2022, 414, 8423-8435.	1.9	8
1994	Comparison of Three Artificial Diets for the Larviculture of Giant Kākōpū (<i>Galaxias argenteus</i>). <i>Fishes</i> , 2022, 7, 310.	0.7	2
1995	Direct lipid and carotenoid extraction from <i>Rhodospiridium toruloides</i> broth culture after high pressure homogenization cell disruption: Strategies, methodologies, and yields. <i>Biochemical Engineering Journal</i> , 2022, 189, 108712.	1.8	8
1996	Association of dietary n - 3 polyunsaturated fatty acids with breast cancer risk: Serial mediating roles of erythrocyte n - 3 polyunsaturated fatty acids. <i>Frontiers in Nutrition</i> , 0, 9, .	1.6	0
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2000	Free Fatty Acids from Type 2 Diabetes Mellitus Serum Remodel Mesenchymal Stem Cell Lipids, Hindering Differentiation into Primordial Germ Cells. <i>Applied Biochemistry and Biotechnology</i> , 0, , .	1.4	2
2001	Placental F4-Neuroprostanes and F2-Isoprostanes are altered in Gestational Diabetes Mellitus and maternal obesity. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2022, , 102529.	1.0	0
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2003	Nutritional, organoleptic and sensory quality of market-sized European sea bass (<i>Dicentrarchus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 20 739210.	1.7	5
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2006	Determination of vitamin D, iron and n-3 fatty acids in adolescents with different eating habits. <i>Central European Journal of Public Health</i> , 2022, 30, 248-252.	0.4	0
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2013	Essential Fatty Acid Deficiency Associates with Growth Faltering and Environmental Enteric Dysfunction in Children. Metabolites, 2023, 13, 489.	1.3	2
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2052	Association Between Serum Free Fatty Acids and Total Bilirubin Concentrations in Bosnian Individuals with Diabetes Mellitus Type 2. IFMBE Proceedings, 2024, , 402-411.	0.2	0