

Direct transesterification of all classes of lipids in a one-

Journal of Lipid Research
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Citation Report

#	ARTICLE	IF	CITATIONS
1	Chapter 1 General Strategies for Practical Chromatographic Analysis of LIPIDS. Journal of Chromatography Library, 1987, 37, 1-47.	0.1	1
2	Separation and quantitation of fatty acids, sterols and bile acids in feces by gas chromatography as the butyl ester acetate derivatives. Biomedical Applications, 1987, 415, 13-26.	1.7	39
3	The influence of dietary fat on the lipogenic activity and fatty acid composition of rat white adipose tissue. Lipids, 1987, 22, 338-344.	0.7	31
4	Plasma and lipoprotein fatty acid composition in glycogen storage disease type I. Lipids, 1987, 22, 381-385.	0.7	18
5	Lipids of the developing human retina. I. Total fatty acids, plasmalogens, and fatty acid composition of ethanolamine and choline phosphoglycerides. Journal of Neuroscience Research, 1988, 20, 484-490.	1.3	85
6	Lipid abnormalities in pancreatic tissue of streptozotocin-induced diabetic rats. Lipids, 1988, 23, 771-778.	0.7	12
7	Transesterification of cholesteryl esters. JAOCS, Journal of the American Oil Chemists' Society, 1988, 65, 780-782.	0.8	12
8	Hexacosanoate contents in Japanese common foods.. Journal of Nutritional Science and Vitaminology, 1988, 34, 633-639.	0.2	4
9	Lipid Extraction. , 0, , 1-62.		4
10	Beneficial Effect of Coinfusing a Lipid Emulsion on Venous Patency. Journal of Parenteral and Enteral Nutrition, 1989, 13, 637-640.	1.3	26
11	Polyunsaturated fatty acid changes suggesting a new enzymatic defect in Zellweger Syndrome. Lipids, 1989, 24, 261-265.	0.7	70
12	A rapid screening technique for determining the lipid composition of soybean seeds. JAOCS, Journal of the American Oil Chemists' Society, 1989, 66, 543-548.	0.8	53
13	Fatty acid and lipid analysis of the house cricket, Acheta domesticus. Insect Biochemistry, 1989, 19, 767-774.	1.8	35
14	Lipid abnormalities in the brain in adult Down's syndrome and Alzheimer's disease. Molecular and Chemical Neuropathology, 1989, 11, 157-185.	1.0	58
15	Improved determination of very-long-chain fatty acids in plasma and cultured skin fibroblasts: applications to the diagnosis of peroxisomal disorders. Biomedical Applications, 1989, 494, 31-41.	1.7	23
16	Phospholipid and fatty acid composition of erythrocytes in type I and type II diabetes. Metabolism: Clinical and Experimental, 1989, 38, 673-678.	1.5	30
17	Fluorescence Polarization Changes with Gestational Age in Amniotic Fluid of Rabbit and Guinea Pig. Experimental Lung Research, 1990, 16, 507-519.	0.5	0
18	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. Journal of Neurochemistry, 1990, 54, 2110-2117.	2.1	18

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19	Sample preparation for organic acids in biological fluids. <i>Analytica Chimica Acta</i> , 1990, 236, 121-130.	2.6	18
20	Fatty acid content of marine oil capsules. <i>Lipids</i> , 1990, 25, 523-528.	0.7	49
21	Phospholipid fatty acid composition of various mouse tissues after feeding $\hat{1}\pm$ -linolenate ($18\hat{a}^{\wedge}3\hat{n}\hat{a}^{\wedge}3$) or eicosatrienoate ($20\hat{a}^{\wedge}3\hat{n}\hat{a}^{\wedge}3$). <i>Lipids</i> , 1990, 25, 473-480.	0.7	33
22	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
23	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
24	Arachidonic and eicosapentaenoic acids in brachytheciaceae and hypnaceae moss species. <i>Phytochemistry</i> , 1990, 29, 3749-3754.	1.4	30
25	Dietary fish oil reduces progression of chronic inflammatory lesions in a rat model of granulomatous colitis.. <i>Gut</i> , 1990, 31, 539-544.	6.1	173
26	Effects of medium-chain triglyceride feeding on energy balance in adult humans. <i>Metabolism: Clinical and Experimental</i> , 1990, 39, 887-891.	1.5	23
27	Further studies of enhanced growth of pancreatic carcinoma in diabetes. <i>Journal of Surgical Research</i> , 1990, 48, 403-407.	0.8	12
28	Influence of polyunsaturated and saturated dietary lipids on adipose tissue, brain and mitochondrial membrane fatty acid composition of a mammalian hibernator. <i>Lipids and Lipid Metabolism</i> , 1990, 1046, 159-166.	2.6	74
29	Erythrocyte eicosapentaenoic acid versus docosahexaenoic acid as a marker for fish and fish oil consumption. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 1991, 44, 103-106.	1.0	38
30	Phospholipid fatty acid composition and respiratory properties of heart and liver mitochondria from rats fed with or deprived of linolenic acid. <i>Nutrition Research</i> , 1991, 11, 71-77.	1.3	16
31	Partially purified rabbit gastric lipase: in vitro and in vivo experiments to assess its potential contribution to gastric and intestinal lipolysis. <i>Nutrition Research</i> , 1991, 11, 607-619.	1.3	5
32	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. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1991, 1070, 127-134.	1.4	24
33	Dietary fat saturation in rhesus monkey affects LDL concentrations by modulating the independent production of LDL apolipoprotein B. <i>Lipids and Lipid Metabolism</i> , 1991, 1083, 46-56.	2.6	41
34	Extensive incorporation of dietary $\hat{1}$ -5,11,14 eicosatrienoate into the phosphatidylinositol pool. <i>Lipids and Lipid Metabolism</i> , 1991, 1085, 371-376.	2.6	43
35	Fish and fish oil intake: Effect on haematological variables related to cardiovascular disease. <i>Thrombosis Research</i> , 1991, 64, 169-178.	0.8	33
36	Lipid production by <i>Phaeodactylum tricornutum</i> . <i>Bioresource Technology</i> , 1991, 38, 115-119.	4.8	44

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37	Analysis of polyunsaturated fatty acids in blood serum after fish oil administration. <i>Biomedical Applications</i> , 1991, 572, 1-9.	1.7	33
38	Effects of culture conditions on accumulation of arachidonic and eicosapentaenoic acids in cultured cells of <i>Rhytidadelphus squarrosus</i> and <i>Eurhynchium striatum</i> . <i>Phytochemistry</i> , 1991, 30, 1837-1841.	1.4	17
39	Location of double bonds in polyunsaturated fatty acids by gas chromatography-mass spectrometry after 4,4-dimethyloxazoline derivatization. <i>Journal of Chromatography A</i> , 1991, 541, 89-98.	1.8	240
40	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
41	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
42	Headspace gas chromatography of volatile lipid peroxidation products from human red blood cell membranes. <i>Lipids</i> , 1991, 26, 479-484.	0.7	43
43	Peroxisomal disorders. <i>Clinical Biochemistry</i> , 1991, 24, 343-351.	0.8	22
44	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
45	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
46	Determination of fatty acids in the main lipoprotein classes by capillary gas chromatography: BF ₃ /methanol transesterification of lyophilized samples instead of folch extraction gives higher yields. <i>Analytical Biochemistry</i> , 1991, 198, 184-190.	1.1	91
47	Incorporation and metabolism of radiolabelled linoleic acid in cultured cells of the moss <i>Rhytidadelphus squarrosus</i> . <i>Phytochemistry</i> , 1991, 30, 2899-2903.	1.4	4
48	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
49	Long-term storage of red blood cells and correlations between red cell and dietary fatty acids: Results from a pilot study. <i>Nutrition and Cancer</i> , 1991, 16, 183-188.	0.9	52
50	Effect of Feeding Palmitic, Oleic, and Linoleic Acids to Japanese Quail Hens (<i>Coturnix coturnix</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 1071	1.5	18
51	Modulation of cellular phospholipid fatty acids and leukotriene B ₄ synthesis in the human intestinal cell (CaCo-2). <i>Gut</i> , 1992, 33, 622-627.	6.1	41
52	Dietary palmitic and oleic acids exert similar effects on serum cholesterol and lipoprotein profiles in normocholesterolemic men and women. <i>Journal of the American College of Nutrition</i> , 1992, 11, 383-390.	1.1	166
53	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
54	Fatty acids regulate hepatic low density lipoprotein receptor activity through redistribution of intracellular cholesterol pools. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1992, 89, 10797-10801.	3.3	123

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55	Modulation of infant formula fat profile alters the low-density lipoprotein/high-density lipoprotein ratio and plasma fatty acid distribution relative to those with breast-feeding. <i>Journal of Pediatrics</i> , 1992, 120, S109-S116.	0.9	28
56	Abnormal profiles of polyunsaturated fatty acids in the brain, liver, kidney and retina of patients with peroxisomal disorders. <i>Brain Research</i> , 1992, 583, 171-182.	1.1	172
57	Metabolic effects of dietary stearic acid in mice: changes in the fatty acid composition of triglycerides and phospholipids in various tissues. <i>Atherosclerosis</i> , 1992, 94, 119-127.	0.4	50
58	A prospective study of obesity, lipids, apolipoproteins and ischaemic heart disease in women. <i>Atherosclerosis</i> , 1992, 92, 177-185.	0.4	61
59	Effects of dietary essential fatty acid deficiency on the development of the rat thymus and immune system. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 1992, 46, 183-190.	1.0	29
60	Age-related changes in antioxidant enzymes and lipid peroxidation in brains of control and transgenic mice overexpressing copper-zinc superoxide dismutase. <i>Mutation Research - DNAging</i> , 1992, 275, 281-293.	3.3	112
61	Quantitative Analysis of Cellular Fatty Acids (CFAs) Composition of the Seven Species of <i>Listeria</i> . <i>Systematic and Applied Microbiology</i> , 1992, 15, 76-81.	1.2	8
62	A novel pharmacological approach for paraquat poisoning in rat and A549 cell line using ambroxol, a lung surfactant synthesis inducer. <i>Food and Chemical Toxicology</i> , 1992, 30, 789-794.	1.8	26
63	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)). <i>Lipids and Lipid Metabolism</i> , 1992, 1125, 262-267.	2.6	22
64	Effect of docosahexaenoic acid on membrane fluidity and function in intact cultured Y-79 retinoblastoma cells. <i>Archives of Biochemistry and Biophysics</i> , 1992, 294, 564-570.	1.4	88
65	Cultured human skin fibroblasts modify their plasma membrane lipid composition and fluidity according to growth temperature suggesting homeoviscous adaptation at hypothermic (30 $\hat{\circ}$ C) but not at hyperthermic (40 $\hat{\circ}$ C) temperatures. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1992, 1104, 31-37.	1.4	23
66	Red blood cells and platelet membrane fatty acids in non-dialyzed and dialyzed uremies. <i>Clinica Chimica Acta</i> , 1992, 211, 155-166.	0.5	21
67	Red Blood Cell Susceptibility to Lipid Peroxidation, Membrane Lipid Composition, and Antioxidant Enzymes in Continuous Ambulatory Peritoneal Dialysis Patients. <i>Peritoneal Dialysis International</i> , 1992, 12, 205-210.	1.1	23
68	Polyunsaturated dietary lipids lower the selected body temperature of a lizard. <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 1992, 162, 1-4.	0.7	48
69	Digestive tract morphology and digestion in the wombats (Marsupialia: Vombatidae). <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 1992, 162, 552-60.	0.7	25
70	LIPID COMPOSITION OF BOB AND SPECIAL-FED VEAL. <i>Journal of Muscle Foods</i> , 1992, 3, 33-44.	0.5	5
71	Color Stability, Lipid Stability, and Nutrient Composition of Red and White Veal. <i>Journal of Food Science</i> , 1992, 57, 302-304.	1.5	40
72	Porcine Somatotropin (PST) Administration to Growing Pigs: Effects on Adipose Tissue Composition and Processed Product Characteristics. <i>Journal of Food Science</i> , 1992, 57, 312-317.	1.5	17

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74	Nonessential fatty acids in formula fat blends influence essential fatty acid metabolism and composition in plasma and organ lipid classes in piglets. <i>Lipids</i> , 1992, 27, 1024-1031.	0.7	11
75	Docosahexaenoic acid in developing brain and retina of piglets fed high or low $\hat{\pm}$ -linolenate formula with and without fish oil. <i>Lipids</i> , 1992, 27, 89-93.	0.7	72
76	Effect of human mammary MX-1 tumor on plasma free fatty acids in fasted and fasted-refed nude mice. <i>Lipids</i> , 1992, 27, 33-37.	0.7	2
77	One-step extraction/methylation method for determining the fatty acid composition of processed foods. <i>JAOCs, Journal of the American Oil Chemists' Society</i> , 1992, 69, 174-177.	0.8	71
78	Changes in fatty acids, amino acids and carbon/nitrogen biomass during nitrogen starvation of ammonium- and nitrate-grown <i>sochrysis galbana</i> . <i>Journal of Applied Phycology</i> , 1992, 4, 95-104.	1.5	38
79	Chemical composition and nutritional evaluation of quinoa (<i>Chenopodium quinoa</i> Willd.). <i>Journal of Food Composition and Analysis</i> , 1992, 5, 35-68.	1.9	353
80	Gas chromatography of fatty acids. <i>Journal of Chromatography A</i> , 1992, 624, 37-51.	1.8	137
81	X-linked adrenoleukodystrophy: Biochemical diagnosis and enzyme defect. <i>Journal of Inherited Metabolic Disease</i> , 1992, 15, 634-644.	1.7	48
82	A method for specific analysis of free fatty acids in biological samples by capillary gas chromatography. <i>Analytical Biochemistry</i> , 1992, 206, 241-245.	1.1	22
83	Effect of a high fat diet on phospholipid class distribution and fatty acid composition in rat liver. <i>International Journal of Biochemistry & Cell Biology</i> , 1993, 25, 1539-1547.	0.8	7
84	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
85	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
86	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
87	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
88	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
89	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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92	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
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97	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
98	Plasmalogen-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
99	Polyunsaturated fatty acid status in patients with phenylketonuria. <i>Journal of Inherited Metabolic Disease</i> , 1994, 17, 704-709.	1.7	37
100	Dietary fats, selected body temperature and tissue fatty acid composition of agamid lizards (<i>Amphibolurus nuchalis</i>). <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 1994, 164, 55-61.	0.7	35
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102	One-step conversion of fatty acids into their 2-alkenyl-4,4-dimethyloxazoline derivatives directly from total lipids. <i>Journal of Chromatography A</i> , 1994, 673, 101-105.	1.8	52
103	Preparation of fatty acid methyl esters for gas-chromatographic analysis of lipids in biological materials. <i>JAOCs, Journal of the American Oil Chemists' Society</i> , 1994, 71, 1179-1187.	0.8	331
104	The potential of the hydrocarbon breath test as a measure of lipid peroxidation. <i>Free Radical Biology and Medicine</i> , 1994, 17, 127-160.	1.3	336
105	Comparison of linoleic acid and eicosapentaenoic acid incorporation into human breast cancer cells. <i>Lipids</i> , 1994, 29, 831-837.	0.7	30
106	Reactions of diazomethane with glycerolipids in the presence of serum or inorganic salts. <i>Lipids</i> , 1994, 29, 883-887.	0.7	7
107	Blood polyunsaturated fatty acids in patients with peroxisomal disorders. A multicenter study. <i>Lipids</i> , 1994, 29, 273-280.	0.7	53
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110	Structure of a human Clara cell phospholipid-binding proteinâ€“ligand complex at 1.9 Å... resolution. <i>Nature Structural Biology</i> , 1994, 1, 538-545.	9.7	65
111	Low levels of essential fatty acids are related to impaired delayed skin hypersensitivity in malnourished chronically ill elderly people. <i>European Journal of Clinical Investigation</i> , 1994, 24, 615-620.	1.7	16
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113	Intrauterine growth retardation and plasma fatty acids in the mother and the fetus. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 1994, 57, 189-193.	0.5	18
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118	Short-term feeding of a diet enriched in phospholipids increases bile formation and the bile acid transport maximum in rats. <i>Lipids and Lipid Metabolism</i> , 1994, 1214, 193-202.	2.6	20
119	Renal brush border membrane lipid composition in Basenji dogs with spontaneous idiopathic Fanconi syndrome. <i>Metabolism: Clinical and Experimental</i> , 1994, 43, 1073-1078.	1.5	4
120	Oral absorption of omega-3 fatty acids in patients with cystic fibrosis who have pancreatic insufficiency and in healthy control subjects. <i>Journal of Pediatrics</i> , 1994, 124, 400-408.	0.9	64
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124	Development and characterization of essential fatty acid deficiency in human endothelial cells in culture.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1995, 92, 1147-1151.	3.3	27
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126	Specific Inhibition of Plant Fatty Acid Elongation by a Long-Chain Cerulenin Analogue. <i>FEBS Journal</i> , 1995, 228, 704-709.	0.2	0

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129	Measurement of very long-chain fatty acids, phytanic and pristanic acid in plasma and cultured fibroblasts by gas chromatography. <i>Journal of Inherited Metabolic Disease</i> , 1995, 18, 76-83.	1.7	40
130	Assay of plasmalogens and polyunsaturated fatty acids (PUFA) in erythrocytes and fibroblasts. <i>Journal of Inherited Metabolic Disease</i> , 1995, 18, 84-89.	1.7	67
131	Determination of plasma non-esterified fatty acids and triglyceride fatty acids by gas chromatography of their methyl esters after isolation by column chromatography on silica gel. <i>Biomedical Applications</i> , 1995, 666, 1-12.	1.7	25
132	Gas chromatographic analysis of fatty acid methyl esters. <i>Biomedical Applications</i> , 1995, 671, 113-131.	1.7	308
133	Supercritical CO ₂ extraction of carotenoids and other lipids from <i>Chlorella vulgaris</i> . <i>Food Chemistry</i> , 1995, 53, 99-103.	4.2	197
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136	Identification of furan fatty acids in human blood cells and plasma by multi-dimensional gas chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , 1995, 697, 453-459.	1.8	11
137	Composition of phospholipids of white muscle of six tuna species. <i>Lipids</i> , 1995, 30, 1127-1135.	0.7	62
138	Plasma lipids are affected similarly by dietary lauric or palmitic acid in gerbils and monkeys. <i>Lipids</i> , 1995, 30, 1157-1161.	0.7	6
139	Lymphatic fatty acids from rats fed human milk and formula supplemented with fish oil. <i>Lipids</i> , 1995, 30, 673-676.	0.7	9
140	Glycosyl inositolphospholipid-anchored structures in <i>Herpetomonas davidi</i> . <i>Molecular and Biochemical Parasitology</i> , 1995, 74, 65-75.	0.5	6
141	The Effect of α -Tocopherol Supplementation on LDL Oxidation. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 1995, 15, 190-198.	1.1	338
142	New Data on Content and Distribution of Gangliosides in Human Milk. <i>Biological Chemistry Hoppe-Seyler</i> , 1995, 376, 723-728.	1.4	54
143	Effects of linoleic acid and α -linolenic acid on the growth and metastasis of a human breast cancer cell line in nude mice and on its growth and invasive capacity <i>in vitro</i> . <i>Nutrition and Cancer</i> , 1995, 24, 33-45.	0.9	40
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975	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
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979	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

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987	Brain lipid composition in rabbits after total parenteral nutrition with two different lipid emulsions. <i>Nutrition</i> , 2013, 29, 313-317.	1.1	4
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999	The effect of linseed and psyllium fibre on the gelling properties of unwashed mince from farmed meagre (<i>Argyrosomus regius</i>). <i>International Journal of Food Science and Technology</i> , 2013, 48, 2023-2033.	1.3	3
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1054	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
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1089	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
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1107	A novel mutation in the PEX12 gene causing a peroxisomal biogenesis disorder. <i>Molecular Biology Reports</i> , 2015, 42, 1359-1363.	1.0	5
1108	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
1109	Impact of cell wall encapsulation of almonds on in vitro duodenal lipolysis. <i>Food Chemistry</i> , 2015, 185, 405-412.	4.2	66
1110	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
1111	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
1112	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
1113	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
1114	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
1115	Peroxisomal D-bifunctional protein deficiency: First case reports from Slovakia. <i>Gene</i> , 2015, 568, 61-68.	1.0	5
1116	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
1117	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
1118	Validation of the omega-3 fatty acid intake measured by a web-based food frequency questionnaire against omega-3 fatty acids in red blood cells in men with prostate cancer. <i>European Journal of Clinical Nutrition</i> , 2015, 69, 1004-1008.	1.3	11
1119	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
1120	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
1121	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
1122	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
1123	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

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1125	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
1126	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
1127	Evaluation of the potential for some isolated microalgae to produce biodiesel. <i>Egyptian Journal of Petroleum</i> , 2015, 24, 97-101.	1.2	23
1128	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
1129	Higher Plasma Phospholipid n-3 PUFAs, but Lower n-6 PUFAs, Are Associated with Lower Pulse Wave Velocity among Older Adults. <i>Journal of Nutrition</i> , 2015, 145, 2317-2324.	1.3	20
1130	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
1131	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
1132	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
1133	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
1134	Profiling of esterified fatty acids as biomarkers in the blood of dengue fever patients using a microliter-scale extraction followed by gas chromatography and mass spectrometry. <i>Journal of Separation Science</i> , 2015, 38, 316-324.	1.3	15
1135	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
1136	Hepatitis C viral proteins perturb metabolic liver zonation. <i>Journal of Hepatology</i> , 2015, 62, 278-285.	1.8	23
1137	Whole Algal Biomass In situ Transesterification to Fatty Acid Methyl Esters as Biofuel Feedstocks. , 2015, , 367-378.		0
1138	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
1139	The anticancer gene ORCTL3 targets stearyl-CoA desaturase-1 for tumour-specific apoptosis. <i>Oncogene</i> , 2015, 34, 1718-1728.	2.6	10
1140	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
1141	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

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1143	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
1144	Enzymatic production of bioactive docosahexaenoic acid phenolic ester. <i>Food Chemistry</i> , 2015, 171, 397-404.	4.2	16
1145	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
1146	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
1147	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
1148	Increasing the proportion of female lambs by feeding Merino ewes a diet high in omega-6 fatty acids around mating. <i>Animal Production Science</i> , 2016, 56, 1174.	0.6	9
1149	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
1150	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
1151	COX-2 Inhibition Reduces Brucella Bacterial Burden in Draining Lymph Nodes. <i>Frontiers in Microbiology</i> , 2016, 07, 1987.	1.5	12
1152	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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1154	Proximate composition and fatty acid analysis of <i>Lablab purpureus</i> (L.) legume seed: implicates to both protein and essential fatty acid supplementation. <i>SpringerPlus</i> , 2016, 5, 1899.	1.2	34
1155	Lauric Acid Stimulates Ketone Body Production in the KT-5 Astrocyte Cell Line. <i>Journal of Oleo Science</i> , 2016, 65, 693-699.	0.6	38
1156	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
1157	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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1159	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

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1161	The influence of peri-conception and first trimester dietary restriction of protein in cattle on meat quality traits of entire male progeny. <i>Meat Science</i> , 2016, 121, 141-147.	2.7	14
1162	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
1163	Engineering <i>Rhodospiridium toruloides</i> for increased lipid production. <i>Biotechnology and Bioengineering</i> , 2016, 113, 1056-1066.	1.7	143
1164	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
1165	Increased proportion of female lambs by feeding Border Leicester × Merino ewes a diet high in omega-6 fatty acids around mating. <i>Animal Production Science</i> , 2016, 56, 824.	0.6	12
1166	Sex-dependent association between erythrocyte n-3 PUFA and type 2 diabetes in older overweight people. <i>British Journal of Nutrition</i> , 2016, 115, 1379-1386.	1.2	18
1167	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
1168	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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1170	Circulating n-3 fatty acids and trans-fatty acids, PLA2G2A gene variation and sudden cardiac arrest. <i>Journal of Nutritional Science</i> , 2016, 5, e12.	0.7	3
1171	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
1172	Development of a reliable GC-MS method for fatty acid profiling using direct transesterification of minimal quantities of microscopic orchid seeds. <i>Seed Science Research</i> , 2016, 26, 84-91.	0.8	7
1173	Risk of secondary lymphedema in breast cancer survivors is related to serum phospholipid fatty acid desaturation. <i>Supportive Care in Cancer</i> , 2016, 24, 3767-3774.	1.0	4
1174	Effect of DHA supplementation in a very low-calorie ketogenic diet in the treatment of obesity: a randomized clinical trial. <i>Endocrine</i> , 2016, 54, 111-122.	1.1	40
1175	Parameters affecting the analytical profile of fatty acids in the macroalgal genus <i>Ulva</i> . <i>Food Chemistry</i> , 2016, 209, 332-340.	4.2	28
1176	Changes in relative and absolute concentrations of plasma phospholipid fatty acids observed in a randomized trial of Omega-3 fatty acids supplementation in Uganda. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2016, 114, 11-16.	1.0	5
1177	Association of serum n-3 polyunsaturated fatty acids with psychological distress in the second and third trimesters of pregnancy: Adjunct Study of Japan Environment and Children's Study. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2016, 114, 21-27.	1.0	2

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1178	Metabolic engineering of the oleaginous yeast <i>Rhodospiridium toruloides</i> IFO0880 for lipid overproduction during high-density fermentation. <i>Applied Microbiology and Biotechnology</i> , 2016, 100, 9393-9405.	1.7	101
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1181	Krill oil extract suppresses cell growth and induces apoptosis of human colorectal cancer cells. <i>BMC Complementary and Alternative Medicine</i> , 2016, 16, 328.	3.7	28
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1183	Can Senegalese sole post-larvae effectively grow on low dietary DHA and lipid levels during weaning?. <i>Aquaculture</i> , 2016, 463, 234-240.	1.7	10
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1185	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
1186	Compensatory induction of <i>Fads1</i> gene expression in heterozygous <i>Fads2</i> -null mice and by diet with a high n-6/n-3 PUFA ratio. <i>Journal of Lipid Research</i> , 2016, 57, 1995-2004.	2.0	27
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1188	<i>trans</i> Fatty Acids in Colostrum, Mature Milk and Diet of Lactating Adolescents. <i>Lipids</i> , 2016, 51, 1363-1373.	0.7	16
1189	Perinatal Dietary Choline Deficiency in Sows Influences Concentrations of Choline Metabolites, Fatty Acids, and Amino Acids in Milk throughout Lactation. <i>Journal of Nutrition</i> , 2016, 146, 2216-2223.	1.3	27
1190	Dietary supplementation with docosahexaenoic acid (DHA) improves seminal antioxidant status and decreases sperm DNA fragmentation. <i>Systems Biology in Reproductive Medicine</i> , 2016, 62, 387-395.	1.0	97
1191	Does heat stress alter the pig's response to dietary fat?1. <i>Journal of Animal Science</i> , 2016, 94, 4688-4703.	0.2	21
1192	Effect of Gelatin Cross-linking on the Characteristics of Fish Oil Powder. <i>Journal of the Japanese Society for Food Science and Technology</i> , 2016, 63, 209-216.	0.1	1
1193	A 6-month randomised controlled trial investigating effects of Mediterranean-style diet and fish oil supplementation on dietary behaviour change, mental and cardiometabolic health and health-related quality of life in adults with depression (HELFIMED): study protocol. <i>BMC Nutrition</i> , 2016, 2, .	0.6	5
1194	Dried blood spot omega-3 and omega-6 long chain polyunsaturated fatty acid levels in 7-9 year old Zimbabwean children: a cross sectional study. <i>BMC Clinical Pathology</i> , 2016, 16, 14.	1.8	9
1195	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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1196	Differential effects of docosahexaenoic and arachidonic acid on fatty acid composition and myosin heavy chain-related genes of slow- and fast-twitch skeletal muscle tissues. <i>Molecular and Cellular Biochemistry</i> , 2016, 415, 169-181.	1.4	14
1197	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
1198	Maternal n-3 polyunsaturated fatty acid deprivation during pregnancy and lactation affects neurogenesis and apoptosis in adult offspring: associated with DNA methylation of brain-derived neurotrophic factor transcripts. <i>Nutrition Research</i> , 2016, 36, 1013-1021.	1.3	31
1199	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
1200	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
1201	Essentiality of arachidonic acid intake in murine early development. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2016, 108, 51-57.	1.0	17
1202	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
1203	Sea cucumber <i>Holothuria forskali</i> , a new resource for aquaculture? Reproductive biology and nutraceutical approach. <i>Aquaculture Research</i> , 2016, 47, 2307-2323.	0.9	31
1204	Valorization of fatty acids-containing wastes and byproducts into short- and medium-chain length polyhydroxyalkanoates. <i>New Biotechnology</i> , 2016, 33, 206-215.	2.4	75
1205	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
1206	Effects of dietary saturated and n-6 polyunsaturated fatty acids on the incorporation of long-chain n-3 polyunsaturated fatty acids into blood lipids. <i>European Journal of Clinical Nutrition</i> , 2016, 70, 812-818.	1.3	25
1207	Serum n-3 polyunsaturated fatty acids and psychological distress in early pregnancy: Adjunct Study of Japan Environment and Children's Study. <i>Translational Psychiatry</i> , 2016, 6, e737-e737.	2.4	10
1208	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
1209	High-Fat Diets Containing Different Amounts of n3 and n6 Polyunsaturated Fatty Acids Modulate Inflammatory Cytokine Production in Mice. <i>Lipids</i> , 2016, 51, 571-582.	0.7	25
1210	Enhanced Bioavailability of EPA From Emulsified Fish Oil Preparations Versus Capsular Triacylglycerol. <i>Lipids</i> , 2016, 51, 643-651.	0.7	15
1211	Formation of malondialdehyde (MDA), 4-hydroxy-2-hexenal (HHE) and 4-hydroxy-2-nonenal (HNE) in fish and fish oil during dynamic gastrointestinal in vitro digestion. <i>Food and Function</i> , 2016, 7, 1176-1187.	2.1	52
1212	Potential renoprotective effects of piceatannol in ameliorating the early-stage nephropathy associated with obesity in obese Zucker rats. <i>Journal of Physiology and Biochemistry</i> , 2016, 72, 555-566.	1.3	14
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1215	Association between omega-3 index and blood lipids in older Australians. <i>Journal of Nutritional Biochemistry</i> , 2016, 27, 233-240.	1.9	20
1216	The effect of flaxseed dose on circulating concentrations of alpha-linolenic acid and secoisolariciresinol diglucoside derived enterolignans in young, healthy adults. <i>European Journal of Nutrition</i> , 2016, 55, 651-663.	1.8	23
1217	A high-fat, high-saturated fat diet decreases insulin sensitivity without changing intra-abdominal fat in weight-stable overweight and obese adults. <i>European Journal of Nutrition</i> , 2017, 56, 431-443.	4.6	43
1218	Fatty acid status and antioxidant defense system in mothers and their newborns after salmon intake during late pregnancy. <i>Nutrition</i> , 2017, 33, 157-162.	1.1	10
1219	Choline and polyunsaturated fatty acids in preterm infants' maternal milk. <i>European Journal of Nutrition</i> , 2017, 56, 1733-1742.	1.8	41
1220	Lipid quantification techniques for screening oleaginous species of microalgae for biofuel production. <i>European Journal of Lipid Science and Technology</i> , 2017, 119, 1500469.	1.0	17
1221	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
1222	The essentiality of arachidonic acid in addition to docosahexaenoic acid for brain growth and function. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2017, 116, 9-18.	1.0	45
1223	Natural fortification of trout with dietary macroalgae and selenised-yeast increases the nutritional contribution in iodine and selenium. <i>Food Research International</i> , 2017, 99, 1103-1109.	2.9	23
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1227	Endothelial cells' biophysical, biochemical, and chromosomal aberrancies in high-glucose condition within the diabetic range. <i>Cell Biochemistry and Function</i> , 2017, 35, 83-97.	1.4	37
1228	Feeding corn distillers grains as an energy source to gestating and lactating beef heifers: Impact of excess protein on feedlot performance, glucose tolerance, carcass characteristics and Longissimus muscle fatty acid profile of steer progeny. <i>Animal Science Journal</i> , 2017, 88, 1364-1371.	0.6	3
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1230	Alterations in erythrocyte fatty acid composition in preclinical Alzheimer's disease. <i>Scientific Reports</i> , 2017, 7, 676.	1.6	35
1231	Hydrolyzed feather meal as a partial fishmeal replacement in diets for European seabass (<i>Dicentrarchus labrax</i>) juveniles. <i>Aquaculture</i> , 2017, 476, 152-159.	1.7	61
1232	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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1234	CRISPRi mediated phosphoenolpyruvate carboxylase regulation to enhance the production of lipid in <i>Chlamydomonas reinhardtii</i> . <i>Bioresource Technology</i> , 2017, 245, 1527-1537.	4.8	156
1235	<i>In Vitro</i> Digestion and Fermentation of Microencapsulated Tributyrin for the Delivery of Butyrate. <i>Journal of Food Science</i> , 2017, 82, 1491-1499.	1.5	18
1236	Dietary long-chain fatty acids and carbohydrate biomarker evaluation in a controlled feeding study in participants from the Women's Health Initiative cohort. <i>American Journal of Clinical Nutrition</i> , 2017, 105, 1272-1282.	2.2	25
1237	Effect of lysophospholipids in diets differing in fat contents on growth performance, nutrient digestibility, milk composition and litter performance of lactating sows. <i>Animal</i> , 2017, 11, 984-990.	1.3	25
1239	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
1240	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
1241	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
1242	Ethanol extraction renders a phenolic compounds-enriched and highly stable jussara fruit (<i>Euterpe</i>) Tj ETQq0 0.0 rgBT /Qverlock 10	1.0	7
1243	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
1244	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
1245	<i>Phaeodactylum tricornutum</i> in finishing diets for gilthead seabream: effects on skin pigmentation, sensory properties and nutritional value. <i>Journal of Applied Phycology</i> , 2017, 29, 1945-1956.	1.5	23
1246	Uteroplacental insufficiency reduces rat plasma leptin concentrations and alters placental leptin transporters: ameliorated with enhanced milk intake and nutrition. <i>Journal of Physiology</i> , 2017, 595, 3389-3407.	1.3	22
1247	Effect of salinity stress on growth, lipid productivity, fatty acid composition, and biodiesel properties in <i>Acutodesmus obliquus</i> and <i>Chlorella vulgaris</i> . <i>Environmental Science and Pollution Research</i> , 2017, 24, 13437-13451.	2.7	126
1248	<i>Trans</i> Fatty Acids Suppress TNF α -induced Inflammatory Gene Expression in Endothelial (HUVEC) and Hepatocellular Carcinoma (HepG2) Cells. <i>Lipids</i> , 2017, 52, 315-325.	0.7	41
1249	Effect of nutritionally induced hyperlipidaemia on in vitro bovine embryo quality depends on the type of major fatty acid in the diet. <i>Reproduction, Fertility and Development</i> , 2017, 29, 1856.	0.1	14
1250	A fully validated GC-TOF-MS method for the quantification of fatty acids revealed alterations in the metabolic profile of fatty acids after smoking cessation. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2017, 1041-1042, 141-150.	1.2	23
1251	Ongrowing and enhancement of n-3 HUFA profile in adult <i>Artemia</i> : short- vs long-time enrichment. <i>Journal of Applied Phycology</i> , 2017, 29, 1409-1420.	1.5	15

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1254	Fatty acid profile of maternal and fetal erythrocytes and placental expression of fatty acid transport proteins in normal and intrauterine growth restriction pregnancies. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2017, 125, 24-31.	1.0	19
1255	DHA and EPA in red blood cell membranes are associated with dietary intakes of omega-3-rich fish in healthy children. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2017, 124, 11-16.	1.0	16
1256	Fatty acid profiles of the main lipid classes of green seaweeds from fish pond aquaculture. <i>Food Science and Nutrition</i> , 2017, 5, 1186-1194.	1.5	37
1257	Cytokine distribution in mothers and breastfed children after omega-3 LCPUFAs supplementation during the last trimester of pregnancy and the lactation period: A randomized, controlled trial. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2017, 126, 32-38.	1.0	8
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1259	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
1260	Broodstock conditioning of the Portuguese oyster (<i>Crassostrea angulata</i> , Lamarck, 1819): influence of different diets. <i>Aquaculture Research</i> , 2017, 48, 3859-3878.	0.9	15
1261	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
1262	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
1263	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
1264	Commercial tuna can is not a source of omega-3 fatty acids. <i>Journal of Lipid Nutrition</i> , 2017, 26, 217-224.	0.1	1
1265	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
1266	Dietary whole and cracked linseed increases the proportion of oleic and $\hat{\pm}$ -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
1268	Chronic Psychological Stress Was Not Ameliorated by Omega-3 Eicosapentaenoic Acid (EPA). <i>Frontiers in Pharmacology</i> , 2017, 8, 551.	1.6	8
1269	Concerns with the Study on Australian and New Zealand Fish Oil Products by Nichols et al. (<i>Nutrients</i>) Tj ETQq0 0 0 rgBT /Overlock 10 T	1.7	3
1270	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

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1275	Lauric acid as feed additive " An approach to reducing Campylobacter spp. in broiler meat. PLoS ONE, 2017, 12, e0175693.	1.1	34
1276	Dietary arachidonic acid increases deleterious effects of amyloid- β^2 oligomers on learning abilities and expression of AMPA receptors: putative role of the ACSL4-cPLA2 balance. Alzheimer's Research and Therapy, 2017, 9, 69.	3.0	16
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1279	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. British Journal of Nutrition, 2018, 119, 368-380.	1.2	26
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1285	Study of low temperature chlorine atom initiated oxidation of methyl and ethyl butyrate using synchrotron photoionization TOF-mass spectrometry. Physical Chemistry Chemical Physics, 2018, 20, 5785-5794.	1.3	3
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1290	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
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1292	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
1293	Skeletal muscle expression of p43, a truncated thyroid hormone receptor $\hat{\pm}$, affects lipid composition and metabolism. <i>Journal of Bioenergetics and Biomembranes</i> , 2018, 50, 71-79.	1.0	1
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1303	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
1304	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
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1306	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

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1308	DETERMINATION OF DOCOSAHEXAENOIC ACID IN INFANT FORMULAS WITH GAS CHROMATOGRAPHY. <i>Asian Journal of Pharmaceutical and Clinical Research</i> , 2018, 11, 247.	0.3	0
1309	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
1310	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
1311	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
1312	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
1313	Influence of lauric acid on the susceptibility of chickens to an experimental <i>Campylobacter jejuni</i> colonisation. <i>PLoS ONE</i> , 2018, 13, e0204483.	1.1	16
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1319	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
1320	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
1321	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
1322	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
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1324	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

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1326	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
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1329	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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1332	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
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1334	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
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1336	Jussara berry (<i>Euterpe edulis</i> M.) oil-in-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
1337	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
1338	Dietary fatty acid profile influences circulating and tissue fatty acid ethanolamide 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
1339	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
1340	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
1341	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
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1344	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
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1346	Linoleic acid supplementation of cell culture media influences the phospholipid and lipid profiles of human reconstructed adipose tissue. <i>PLoS ONE</i> , 2019, 14, e0224228.	1.1	12
1347	Effects of Industrial Boiling on the Nutritional Profile of Common Octopus (<i>Octopus vulgaris</i>). <i>Foods</i> , 2019, 8, 411.	1.9	13
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1349	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
1350	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
1351	<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
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1354	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
1355	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
1356	Nutritional composition of lamb retail cuts from the carcasses of extensively finished lambs. <i>Meat Science</i> , 2019, 154, 126-132.	2.7	27
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1358	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
1359	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
1360	Total and Free Fatty Acids Analysis in Milk and Dairy Fat. <i>Separations</i> , 2019, 6, 14.	1.1	59

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1362	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
1363	Understanding the degree of estolide enzymatic polymerization and the effects on its lubricant properties. <i>Fuel</i> , 2019, 245, 286-293.	3.4	16
1364	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
1365	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
1366	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
1367	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
1368	Variability of fatty acid profiles in ferns: Relation to fern taxonomy and seasonal development. <i>Phytochemistry</i> , 2019, 162, 47-55.	1.4	18
1369	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
1370	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
1371	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
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1373	Development of bioprocesses for the integral valorisation of fish discards. <i>Biochemical Engineering Journal</i> , 2019, 144, 198-208.	1.8	32
1374	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
1375	Critical Review on the Utilization of Handheld and Portable Raman Spectrometry in Meat Science. <i>Foods</i> , 2019, 8, 49.	1.9	39
1376	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
1377	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
1378	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

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1380	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
1381	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
1382	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
1383	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
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1386	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
1387	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
1388	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
1389	Natural history of a cohort of ABCD1 variant female carriers. <i>European Journal of Neurology</i> , 2019, 26, 326-332.	1.7	19
1390	Environmentally Driven Changes in Fatty Acid Profiles of a Commercially Important Penaeid Prawn. <i>Estuaries and Coasts</i> , 2019, 42, 528-536.	1.0	7
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1392	THREE-YEAR OUTCOMES IN A RANDOMIZED SINGLE-BLIND CONTROLLED TRIAL OF INTRAVITREAL RANIBIZUMAB AND ORAL SUPPLEMENTATION WITH DOCOSAHEXAENOIC ACID AND ANTIOXIDANTS FOR DIABETIC MACULAR EDEMA. <i>Retina</i> , 2019, 39, 1083-1090.	1.0	20
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1395	Supplementing rainbow trout (<i>Oncorhynchus mykiss</i>) broodstock diets with choline and methionine improves growth in offspring. <i>Journal of the World Aquaculture Society</i> , 2020, 51, 266-281.	1.2	4
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1398	Effects of fish oil and curcumin supplementation on cerebrovascular function in older adults: A randomized controlled trial. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2020, 30, 625-633.	1.1	23
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1406	Effect of Maternal Docosahexaenoic Acid (DHA) Supplementation on Offspring Neurodevelopment at 12 Months in India: A Randomized Controlled Trial. <i>Nutrients</i> , 2020, 12, 3041.	1.7	12
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1409	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
1410	A Response to: Letter to the Editor Regarding "Critical Differences Between Dietary Supplement and Prescription Omega-3 Fatty Acids: a Narrative Review". <i>Advances in Therapy</i> , 2020, 37, 4046-4048.	1.3	0
1411	A Comparison of Rice Straw and Whole-Crop Barley (<i>Hordeum vulgare</i> L.) Silage Supplements on Performance and Carcass Characteristics of Hanwoo (<i>Bos taurus coreanae</i>) Steers. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 7725.	1.3	1
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1413	Administration of an Intravenous Fat Emulsion Enriched with Medium-Chain Triglyceride/ $\hat{\omega}$ -3 Fatty Acids is Beneficial Towards Anti-Inflammatory Related Fatty Acid Profile in Preterm Neonates: A Randomized, Double-Blind Clinical Trial. <i>Nutrients</i> , 2020, 12, 3526.	1.7	7
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1423	Levels of n-3 and n-6 Fatty Acids in Maternal Erythrocytes during Pregnancy and in Human Milk and Its Association with Perinatal Mental Health. <i>Nutrients</i> , 2020, 12, 2773.	1.7	10
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1426	A Multidisciplinary Experimental Study on the Effects of Breeders Diet on Newborn Seahorses (<i>Hippocampus guttulatus</i>). <i>Frontiers in Marine Science</i> , 2020, 7, .	1.2	13
1427	Fructose Consumption During Pregnancy Influences Milk Lipid Composition and Offspring Lipid Profiles in Guinea Pigs. <i>Frontiers in Endocrinology</i> , 2020, 11, 550.	1.5	10
1428	Lablab purpureus (L) bean flour ameliorates plasma proteins and accretion of docosahexaenoic acid (DHA, 22:6, ω -3) in the plasma, liver, and brain of malnourished rats. , 2020, 2, 181-193.		0
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1430	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
1431	Assessment of Periprostatic and Subcutaneous Adipose Tissue Lipolysis and Adipocyte Size from Men with Localized Prostate Cancer. <i>Cancers</i> , 2020, 12, 1385.	1.7	9
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1434	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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1436	Investigation of the proximate composition, lipid quality, volatile and sensory profiles of wild vs. reared Greater amberjack (<i>Seriola dumerili</i> , Risso). <i>Aquaculture Research</i> , 2020, 51, 2443-2455.	0.9	6
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1439	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
1440	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
1441	Serial Biomarkers of De Novo Lipogenesis Fatty Acids and Incident Heart Failure in Older Adults: The Cardiovascular Health Study. <i>Journal of the American Heart Association</i> , 2020, 9, e014119.	1.6	23
1442	Effects of diet on body weight, body composition, metabolic status, and physical activity levels of adult female dogs after spay surgery. <i>Journal of Animal Science</i> , 2020, 98, .	0.2	9
1443	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
1444	Characterising a Weight Loss Intervention in Obese Asthmatic Children. <i>Nutrients</i> , 2020, 12, 507.	1.7	3
1445	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
1446	Biopolymer Coated Nanoliposome as Enhanced Carrier System of Perilla Oil. <i>Food Biophysics</i> , 2020, 15, 273-287.	1.4	9
1447	Biocomponent-based microalgal transformations into biofuels during the pretreatment and fermentation process. <i>Bioresource Technology</i> , 2020, 302, 122809.	4.8	33
1448	Rapid and miniaturized qualitative and quantitative gas chromatography profiling of human blood total fatty acids. <i>Analytical and Bioanalytical Chemistry</i> , 2020, 412, 2327-2337.	1.9	23
1449	The influence of sodium alginate and genipin on physico-chemical properties and stability of WPI coated liposomes. <i>Food Research International</i> , 2020, 130, 108966.	2.9	25
1450	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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1458	Hepatic Fatty Acid and Transcriptome Profiles during the Transition from Vegetable to Fish Oil Based Diets in Rainbow Trout (<i>Oncorhynchus mykiss</i>). <i>Lipids</i> , 2021, 56, 189-200.	0.7	5
1459	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
1460	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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1463	Microbiological Effects of Virgin Coconut Oil Pulling in Comparison with Palm Oil Pulling as an Adjunctive Oral Hygiene Care for Patients with Gingival Inflammation: A Randomized Controlled Clinical Trial. <i>Journal of Indian Society of Periodontology</i> , 2022, 26, 58.	0.3	5
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1465	Effects of a pineapple (<i>Ananas comosus</i> L.) cannery by-product on growth performance and carcass characteristics in finishing Hanwoo steers. <i>Animal Bioscience</i> , 2021, 34, 233-242.	0.8	4
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1467	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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1473	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
1474	Seasonal Changes in the Nutritional Composition of Agarophyton vermiculophyllum (Rhodophyta.) <i>Tj ETQq1 1 0.784314 rgBT/Overlock</i>	1.9	27
1475	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
1476	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
1477	Nutritional value, antimicrobial and antioxidant activities of micro- and macroalgae, single or blended, unravel their potential use for aquafeeds. <i>Journal of Applied Phycology</i> , 2021, 33, 3507-3518.	1.5	19
1478	Effect of fattening period on growth performance, carcass characteristics, and economic traits of Holstein steers. <i>Journal of Animal Science and Technology</i> , 2021, 63, 1008-1017.	0.8	2
1479	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
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1481	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
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1483	Effects of a Fish Oil Rich in Docosahexaenoic Acid on Cardiometabolic Risk Factors and Oxidative Stress in Healthy Rats. <i>Marine Drugs</i> , 2021, 19, 555.	2.2	6
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1485	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
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1488	Lipid Biomarkers of Adherence to Low Fat Diets. <i>Advances in Experimental Medicine and Biology</i> , 1996, 399, 115-129.	0.8	3
1489	Erythrocyte Membrane Fatty Acid Composition of Brazilian Nursing Women. <i>Advances in Experimental Medicine and Biology</i> , 2002, , 321-322.	0.8	1
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1491	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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1494	Whole algal biomass in situ transesterification to fatty acid methyl esters as biofuel feedstocks. , 2020, , 525-537.		2
1495	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
1496	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
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1503	Intestinal apoB synthesis, lipids, and lipoproteins in chylomicron retention disease. <i>Journal of Lipid Research</i> , 1987, 28, 1263-1274.	2.0	86
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