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**n-3 polyunsaturated fatty acids, inflammation, and inflammatory diseases**

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1640	Dietary impacts on the resistance of Merino lambs to <i>Trichostrongylus colubriformis</i> . <b>2009</b> , 57, 102-8	4
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1635	Altered monocyte CD44 expression in peripheral arterial disease is corrected by fish oil supplementation. <b>2009</b> , 19, 247-52	12

1634	Dietary intakes of alpha-linolenic and linoleic acids are inversely associated with serum C-reactive protein levels among Japanese men. <b>2009</b> , 29, 363-70		61
1633	In vitro modulatory effect of omega-3 polyunsaturated fatty acid (EPA and DHA) on phagocytosis and ROS production of goat neutrophils. <b>2009</b> , 131, 79-85		42
1632	Dietary linoleic acid has no effect on arachidonic acid, but increases n-6 eicosadienoic acid, and lowers dihomo-gamma-linolenic and eicosapentaenoic acid in plasma of adult men. <b>2009</b> , 80, 201-6		45
1631	Dietary docosahexaenoic and eicosapentaenoic acid: emerging mediators of inflammation. <b>2009</b> , 81, 187-91		206
1630	Dietary reference intakes for DHA and EPA. <b>2009</b> , 81, 99-104		253
1629	Advancements in anti-inflammatory therapy for dry eye syndrome. <b>2009</b> , 80, 555-66		26
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1625	Inverse association of erythrocyte n-3 fatty acid levels with inflammatory biomarkers in patients with stable coronary artery disease: The Heart and Soul Study. <b>2009</b> , 205, 538-43		129
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1622	Nuts and novel biomarkers of cardiovascular disease. <i>American Journal of Clinical Nutrition</i> , <b>2009</b> , 89, 1649S-56S	7	193
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1618	Modulation of rat neutrophil function in vitro by cis- and trans-MUFA. <b>2009</b> , 101, 1351-9		15
1617	Herring ( <i>Clupea harengus</i> ) intake influences lipoproteins but not inflammatory and oxidation markers in overweight men. <b>2009</b> , 101, 383-90		43

1616	Regular consumption of n-3 fatty acid-enriched pork modifies cardiovascular risk factors. <b>2009</b> , 101, 592-7	34
1615	Prenatal arachidonic acid exposure and selected immune-related variables in childhood. <b>2009</b> , 102, 387-97	6
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1612	Feeding long-chain n-3 polyunsaturated fatty acids to obese leptin receptor-deficient JCR:LA- cp rats modifies immune function and lipid-raft fatty acid composition. <b>2009</b> , 101, 1341-50	22
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1610	Peripartal feeding strategy with different n-6: n-3 ratios in sows: effects on sows' performance, inflammatory and periparturient metabolic parameters. <b>2009</b> , 101, 348-57	33
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1599	Rationale and use of n-3 fatty acids in artificial nutrition. <b>2010</b> , 69, 565-73	50

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1541	Docosahexaenoic acid-enriched fish oil attenuates kidney disease and prolongs median and maximal life span of autoimmune lupus-prone mice. <b>2010</b> , 184, 5280-6		65
1540	Effect of dietary meat and fish on endogenous nitrosation, inflammation and genotoxicity of faecal water. <b>2010</b> , 25, 243-7		15
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1477	Neuroinflammation and aging: influence of dietary n-3 polyunsaturated fatty acid. <b>2011</b> , 18, 301-306	2
1476	Applications of Omega-3 Fats in Foods. <b>2011</b> , 151-176	2
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1474	Purple Viper's Bugloss ( <i>Echium plantagineum</i> ) Seed Oil in Human Health. <b>2011</b> , 951-958	3
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1455	Relationship of electrophilic stress to aging. <b>2011</b> , 51, 1087-105	90

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1446	Atopy risk in infants and children in relation to early exposure to fish, oily fish, or long-chain omega-3 fatty acids: a systematic review. <b>2011</b> , 41, 36-66	134
1445	Thirteen-year prospective study between fish consumption, long-chain n-3 fatty acids intakes and cognitive function. <b>2011</b> , 15, 115-20	32
1444	Purification of Stearidonic Acid from Modified Soybean Oil by Argentation Silica Gel Column Chromatography. <b>2011</b> , 88, 1161-1171	11
1443	Concentration of Stearidonic Acid in Free Fatty Acid and Fatty Acid Ethyl Ester Forms from Modified Soybean Oil by Winterization. <b>2011</b> , 88, 1775-1785	24
1442	Oxidative Stability of Polyunsaturated Edible Oils Mixed With Microcrystalline Cellulose. <b>2011</b> , 88, 1883-1895	17
1441	Effects of acute ingestion of different fats on oxidative stress and inflammation in overweight and obese adults. <b>2011</b> , 10, 122	64
1440	Incorporation of n-3 PUFA and linolenic acid in blood lipids and red blood cell lipids together with their influence on disease activity in patients with chronic inflammatory arthritis--a randomized controlled human intervention trial. <b>2011</b> , 10, 130	34
1439	Composition of fatty acids in plasma and erythrocytes and eicosanoids level in patients with metabolic syndrome. <b>2011</b> , 10, 82	40
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1435	Genotype-specific responses in Atlantic salmon ( <i>Salmo salar</i> ) subject to dietary fish oil replacement by vegetable oil: a liver transcriptomic analysis. <b>2011</b> , 12, 255	125
1434	The effects of dietary fish oil on inflammation, fibrosis and oxidative stress associated with obstructive renal injury in rats. <b>2011</b> , 55, 400-10	24
1433	Role of cytochrome P450 enzymes in the bioactivation of polyunsaturated fatty acids. <b>2011</b> , 1814, 210-22	156
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1431	Dietary intake of linolenic acid and low ratio of n-6:n-3 PUFA are associated with decreased exhaled NO and improved asthma control. <b>2011</b> , 106, 441-50	59
1430	Evaluation of breed effects on n-3 PUFA metabolism with dietary flaxseed oil supplementation in dogs. <b>2011</b> , 106 Suppl 1, S139-41	2
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1428	Dietary fish oil modestly attenuates the effect of age on diastolic function but has no effect on memory or brain inflammation in aged rats. <b>2011</b> , 66, 521-33	8
1427	Impact of the omega-3 to omega-6 polyunsaturated fatty acid ratio on cytokine release in human alveolar cells. <b>2011</b> , 35, 114-21	32
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1425	Disrupted fat distribution and composition due to medium-chain triglycerides in mice with a $\beta$ oxidation defect. <i>American Journal of Clinical Nutrition</i> , <b>2011</b> , 94, 439-49	7 28
1424	Effects of n-6:n-3 polyunsaturated fatty acid ratio on heterophil: lymphocyte ratio and T lymphocyte subsets in the peripheral blood of the Yangzhou gosling. <b>2011</b> , 90, 824-9	8
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1420	Algal docosahexaenoic acid affects plasma lipoprotein particle size distribution in overweight and obese adults. <b>2011</b> , 141, 207-13	72
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1406	Impact of a mixed chain length omega-3 fatty acid diet on production variables in commercial free-range laying hens. <b>2012</b> , 53, 360-5		6
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1399	Menhaden oil decreases high-fat diet-induced markers of hepatic damage, steatosis, inflammation, and fibrosis in obese Ldlr <sup>-/-</sup> mice. <b>2012</b> , 142, 1495-503		35
1398	Dietary supplementation of krill oil attenuates inflammation and oxidative stress in experimental ulcerative colitis in rats. <b>2012</b> , 47, 49-58		50
1397	Re: Hepatocellular carcinoma and other liver diseases among Greenlanders chronically infected with hepatitis B virus: a population-based study. <b>2012</b> , 104, 1515-6; author reply 1516		2
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1392	Effects of similar intakes of marine n-3 fatty acids from enriched food products and fish oil on cardiovascular risk markers in healthy human subjects. <b>2012</b> , 107, 1339-49		19
1391	The tumor necrosis factor- $\beta$ gene -238G>A polymorphism, dietary fat intake, obesity risk and serum lipid concentrations in black and white South African women. <b>2012</b> , 66, 1295-302		13
1390	Plasma inflammatory and vascular homeostasis biomarkers increase during human pregnancy but are not affected by oily fish intake. <b>2012</b> , 142, 1191-6		14
1389	Influence of marine n-3 polyunsaturated fatty acids on immune function and a systematic review of their effects on clinical outcomes in rheumatoid arthritis. <b>2012</b> , 107 Suppl 2, S171-84		253
1388	Fish oil enhances intestinal integrity and inhibits TLR4 and NOD2 signaling pathways in weaned pigs after LPS challenge. <b>2012</b> , 142, 2017-24		168
1387	Modulation of PPAR- $\beta$ by Nutraceuticals as Complementary Treatment for Obesity-Related Disorders and Inflammatory Diseases. <b>2012</b> , 2012, 318613		34
1386	Effect of marine omega 3 fatty acids on methylmercury-induced toxicity in fish and mammalian cells in vitro. <b>2012</b> , 2012, 417652		18
1385	Dietary supplementation with fish gelatine modifies nutrient intake and leads to sex-dependent responses in TAG and C-reactive protein levels of insulin-resistant subjects. <b>2012</b> , 1, e15		4
1384	Growth, clinical chemistry and immune function in domestic piglets fed varying ratios of arachidonic acid and DHA. <b>2012</b> , 107, 809-16		8
1383	Editorial: lipohepatotoxicity and nonalcoholic steatohepatitis (NASH)-like metabolic disorders. <b>2012</b> , 13, 1357		

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1368	Fatty Acid Profile of Indian Shad <i>Tenulosa ilisha</i> Oil and its Dietary Significance. <b>2012</b> , 35, 263-269	16
1367	Association between fish consumption and nephropathy in American Indians--the Strong Heart Study. <b>2012</b> , 22, 221-227	6
1366	Increased intake of oily fish in pregnancy: effects on neonatal immune responses and on clinical outcomes in infants at 6 mo. <i>American Journal of Clinical Nutrition</i> , <b>2012</b> , 95, 395-404	7 77
1365	Plasma phospholipid fatty acid content is related to disease activity in ankylosing spondylitis. <b>2012</b> , 39, 327-33	19

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1344	Omega-3 fatty acids and inflammatory bowel diseases - a systematic review. <b>2012</b> , 107 Suppl 2, S240-52	101
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1334	Lipase-Catalyzed Concentration of Stearidonic Acid in Modified Soybean Oil by Partial Hydrolysis. <b>2012</b> , 89, 1999-2010	11
1333	Dietary supplementation of herring roe and milt enhances hepatic fatty acid catabolism in female mice transgenic for hTNF $\alpha$ . <b>2012</b> , 51, 741-53	27
1332	Effect of n-3 fatty acids on immune function in broiler chickens. <b>2012</b> , 91, 74-88	48
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1324	Dietary Supplements and Cardiovascular Disease: What is the Evidence and What Should We Recommend?. <b>2012</b> ,	
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1322	The Impact of Macrophage Membrane Lipid Composition on Innate Immune Response Mechanisms. <b>2012</b> ,	1
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1319	Food polyamine and cardiovascular disease--an epidemiological study. <b>2012</b> , 4, 170-8	24
1318	Production of TNF- $\alpha$ , nitric oxide and hydrogen peroxide by macrophages from mice with paracoccidiodomycosis that were fed a linseed oil-enriched diet. <b>2012</b> , 107, 303-9	7
1317	Alterations in innate antibacterial response after immunomodulatory nutrition. <b>2012</b> , 3, 115-124	
1316	Enrichment of stearidonic acid in modified soybean oil by low temperature crystallisation. <b>2012</b> , 130, 147-155	25
1315	Effect of diet on the incidence of and mortality owing to gastritis and renal disease in captive cheetahs ( <i>Acinonyx jubatus</i> ) in South Africa. <b>2012</b> , 31, 669-82	8
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1309	Suppressive effect of docosahexaenoyl-lysophosphatidylcholine and 17-hydroxydocosahexaenoyl-lysophosphatidylcholine on levels of cytokines in spleen of mice treated with lipopolysaccharide. <b>2012</b> , 114, 114-122	2
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1298	Modulation of blood cell gene expression by DHA supplementation in hypertriglyceridemic men. <b>2012</b> , 23, 616-21	19
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1291	Omega-3 polyunsaturated fatty acids enrichment alters performance and immune response in infectious bursal disease challenged broilers. <b>2012</b> , 11, 15	20
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1287	Polyunsaturated fatty acids induce modification in the lipid composition and the prostaglandin production of the conjunctival epithelium cells. <b>2012</b> , 250, 211-22	5
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1285	A diet based on multiple functional concepts improves cognitive performance in healthy subjects. <b>2013</b> , 10, 49	22
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1283	Role of omega-3 fatty acids in obesity, metabolic syndrome, and cardiovascular diseases: a review of the evidence. <b>2013</b> , 69, 633-51	274
1282	Lipidomics of oxidized polyunsaturated fatty acids. <b>2013</b> , 59, 45-55	113
1281	The impact of supplemental n-3 long chain polyunsaturated fatty acids and dietary antioxidants on physical performance in postmenopausal women. <b>2013</b> , 17, 76-80	92
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1279	Fish oil administration in older adults: is there potential for adverse events? A systematic review of the literature. <b>2013</b> , 13, 41	27
1278	Effects of increase in fish oil intake on intestinal eicosanoids and inflammation in a mouse model of colitis. <b>2013</b> , 12, 81	17
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1276	From NAFLD to NASH to cirrhosis-new insights into disease mechanisms. <b>2013</b> , 10, 627-36	381
1275	Polyunsaturated fatty acids and their relation with bone and muscle health in adults. <b>2013</b> , 11, 203-12	48

1274	The role of systemic inflammatory and nutritional blood-borne markers in predicting response to neoadjuvant chemotherapy and survival in oesophagogastric cancer. <b>2013</b> , 30, 596	29
1273	Omega-3 polyunsaturated fatty acids and inflammatory processes: nutrition or pharmacology?. <b>2013</b> , 75, 645-62	728
1272	Gastroprotective Effects of Bioactive Foods. <b>2013</b> , 465-483	1
1271	Omega-3 and omega-6 fatty acid intakes and endometrial cancer risk in a population-based case-control study. <b>2013</b> , 52, 1251-60	31
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1269	The effectiveness of fish oil supplementation in asthmatic rats is limited by an inefficient action on ASM function. <b>2013</b> , 48, 889-97	4
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1267	Distinct fatty acid profile of ten brown macroalgae. <b>2013</b> , 23, 608-613	34
1266	Reduced protein oxidation in Wistar rats supplemented with marine $\beta$ PUFAs. <b>2013</b> , 55, 8-20	41
1265	Inflammatory response following heart surgery and association with n-3 and n-6 long-chain polyunsaturated fatty acids in plasma and red blood cell membrane lipids. <b>2013</b> , 89, 189-94	6
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1261	The longer-term impacts of Western diet on human cognition and the brain. <b>2013</b> , 63, 119-28	201
1260	Omega-3 fatty acids reduce adipose tissue macrophages in human subjects with insulin resistance. <b>2013</b> , 62, 1709-17	119
1259	Astaxanthin and omega-3 fatty acids individually and in combination protect against oxidative stress via the Nrf2-ARE pathway. <b>2013</b> , 62, 869-75	94
1258	Fatty acids in plasma, white and red blood cells, and tissues after oral or intravenous administration of fish oil in rats. <b>2013</b> , 32, 993-8	12
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1256	A fish protein hydrolysate alters fatty acid composition in liver and adipose tissue and increases plasma carnitine levels in a mouse model of chronic inflammation. <b>2013</b> , 12, 143	34
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1253	Effects of the n-6/n-3 polyunsaturated fatty acids ratio on postprandial metabolism in hypertriacylglycerolemia patients. <b>2013</b> , 12, 181	13
1252	General Mechanisms for Disease Prevention. <b>2013</b> , 187-233	
1251	Prevention of postoperative atrial fibrillation in open heart surgery patients by preoperative supplementation of n-3 polyunsaturated fatty acids: an updated meta-analysis. <b>2013</b> , 146, 906-11	49
1250	Potentiality and safety assessment of combination therapy with silymarin and celecoxib in osteoarthritis of rat model. <b>2013</b> , 3, 209-212	3
1249	Effect of polyunsaturated fatty acids on tight junctions in a model of the human intestinal epithelium under normal and inflammatory conditions. <b>2013</b> , 4, 923-31	42
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1247	The bioaccessibility of eicosapentaenoic acid was higher from phospholipid food products than from mono- and triacylglycerol food products in a dynamic gastrointestinal model. <b>2013</b> , 1, 409-15	9
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1245	Integrating nutrition and immunology: a new frontier. <b>2013</b> , 59, 130-7	93
1244	Marine Omega-3 Polyunsaturated Fatty Acids and Rheumatoid Arthritis. <b>2013</b> , 113-132	0
1243	Immune factors and fatty acid composition in human milk from river/lake, coastal and inland regions of China. <b>2013</b> , 109, 1949-61	27
1242	Supplementing long-chain n-3 polyunsaturated fatty acids in canned wild Pacific pink salmon with Alaska salmon oil. <b>2013</b> , 1, 15-26	2
1241	Icosapent ethyl, a pure EPA omega-3 fatty acid: effects on plasma and red blood cell fatty acids in patients with very high triglyceride levels (results from the MARINE study). <b>2013</b> , 89, 195-201	40
1240	Concentrations of n-3 and n-6 fatty acids in Dutch bovine milk fat and their contribution to human dietary intake. <b>2013</b> , 96, 4173-81	19
1239	Comparison of effects of serum n-3 to n-6 polyunsaturated fatty acid ratios on coronary atherosclerosis in patients treated with pitavastatin or pravastatin undergoing percutaneous coronary intervention. <b>2013</b> , 111, 1570-5	19

1238	Omega-3 Fatty Acid Supplementation Reduces Basal TNF $\alpha$ but Not Toll-Like Receptor-Stimulated TNF $\alpha$ in Full-Sized and Miniature Mares. <b>2013</b> , 33, 523-529	5
1237	Fish consumption, omega-3 fatty acids, and environmental contaminants in relation to low-grade inflammation and early atherosclerosis. <b>2013</b> , 120, 43-54	33
1236	Intake and serum profile of fatty acids are weakly correlated with global dietary quality in European adolescents. <b>2013</b> , 29, 411-9.e1-3	11
1235	A comparative study: In vitro effects of EPA and DHA on immune functions of head-kidney macrophages isolated from large yellow croaker ( <i>Larimichthys crocea</i> ). <b>2013</b> , 35, 933-40	52
1234	Effects of EPA and DHA on lipid droplet accumulation and mRNA abundance of PAT proteins in caprine monocytes. <b>2013</b> , 94, 246-51	18
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1232	APOE genotype modifies the association between plasma omega-3 fatty acids and plasma lipids in the Multi-Ethnic Study of Atherosclerosis (MESA). <b>2013</b> , 228, 181-7	21
1231	Comparative effects of sandalwood seed oil on fatty acid profiles and inflammatory factors in rats. <b>2013</b> , 48, 105-13	17
1230	The role of marine n-3 fatty acids in improving cardiovascular health: a review. <b>2013</b> , 4, 357-65	45
1229	Fish oil supplementation alters circulating eicosanoid concentrations in young healthy men. <b>2013</b> , 62, 1107-13	33
1228	Lifestyle and nutritional imbalances associated with Western diseases: causes and consequences of chronic systemic low-grade inflammation in an evolutionary context. <b>2013</b> , 24, 1183-201	130
1227	Fatty acid-regulated transcription factors in the liver. <b>2013</b> , 33, 249-69	138
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1225	The associations between high-density lipoprotein mean particle size and its fatty acid composition. <b>2013</b> , 7, 235-45	5
1224	Effects of ALA, EPA and DHA in high-carbohydrate, high-fat diet-induced metabolic syndrome in rats. <b>2013</b> , 24, 1041-52	115
1223	n-3 fatty acids, inflammation and immunity: new mechanisms to explain old actions. <b>2013</b> , 72, 326-36	235
1222	Discarded species in the west Mediterranean sea as sources of omega-3 PUFA. <b>2013</b> , 115, 982-989	25
1221	Fish oil, melatonin and vitamin E attenuates midbrain cyclooxygenase-2 activity and oxidative stress after the administration of 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine. <b>2013</b> , 28, 705-9	26

1220	Effect of eicosapentaenoic acid-derived prostaglandin E3 on intestinal epithelial barrier function. <b>2013</b> , 88, 339-45	16
1219	Effects of serum n-3 to n-6 polyunsaturated fatty acids ratios on coronary atherosclerosis in statin-treated patients with coronary artery disease. <b>2013</b> , 111, 6-11	42
1218	Effects of environmental factors on edible oil quality of organically grown <i>Camelina sativa</i> . <b>2013</b> , 61, 3179-85	34
1217	Composition characterization and clinical efficacy study of a salmon egg extract. <b>2013</b> , 35, 515-22	3
1216	Fatty-acid composition of maternal and umbilical cord plasma and early childhood atopic eczema in a Spanish cohort. <b>2013</b> , 67, 658-63	30
1215	Influence of monochromatic light on quality traits, nutritional, fatty acid, and amino acid profiles of broiler chicken meat. <b>2013</b> , 92, 2844-52	22
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1213	Do high levels of n-3 polyunsaturated fatty acids in cell membranes increase the risk of postoperative atrial fibrillation?. <b>2013</b> , 126, 107-14	7
1212	Release of EPA and DHA from salmon oil - a comparison of in vitro digestion with human and porcine gastrointestinal enzymes. <b>2013</b> , 110, 1402-10	12
1211	A novel oral nutraceutical formula of omega-3 and omega-6 fatty acids with vitamins (PLP10) in relapsing remitting multiple sclerosis: a randomised, double-blind, placebo-controlled proof-of-concept clinical trial. <b>2013</b> , 3,	42
1210	Parenteral $\omega$ 3 fatty acid lipid emulsions for children with intestinal failure and other conditions: a systematic review. <b>2013</b> , 37, 44-55	39
1209	Understanding resolvin signaling pathways to improve oral health. <b>2013</b> , 14, 5501-18	19
1208	Dietary polyunsaturated fatty acids and inflammation: the role of phospholipid biosynthesis. <b>2013</b> , 14, 21167-88	97
1207	Role of omega-3 polyunsaturated fatty acids in the production of prostaglandin E2 and nitric oxide during experimental murine paracoccidiodomycosis. <b>2013</b> , 2013, 947687	10
1206	The ability of walnut extract and fatty acids to protect against the deleterious effects of oxidative stress and inflammation in hippocampal cells. <b>2013</b> , 16, 13-20	38
1205	Nutritional properties of dietary omega-3-enriched phospholipids. <b>2013</b> , 2013, 965417	39
1204	Changes in gut microbiota due to supplemented fatty acids in diet-induced obese mice. <b>2013</b> , 110, 711-20	119
1203	Continuous administration of enteral lipid- and protein-rich nutrition limits inflammation in a human endotoxemia model. <b>2013</b> , 41, 1258-65	37

1202	Evaluation of suppressive and pro-resolving effects of EPA and DHA in human primary monocytes and T-helper cells. <b>2013</b> , 54, 923-35	56
1201	Dietary fats and health: dietary recommendations in the context of scientific evidence. <b>2013</b> , 4, 294-302	103
1200	Genetic variants at PSMD3 interact with dietary fat and carbohydrate to modulate insulin resistance. <b>2013</b> , 143, 354-61	12
1199	A salmon peptide diet alleviates experimental colitis as compared with fish oil. <b>2013</b> , 2, e2	13
1198	Oral joint supplements in the management of osteoarthritis. <b>2013</b> , 549-557	1
1197	Effects of statins on serum n-3 to n-6 polyunsaturated fatty acid ratios in patients with coronary artery disease. <b>2013</b> , 18, 320-6	9
1196	The multifaceted effects of omega-3 polyunsaturated Fatty acids on the hallmarks of cancer. <b>2013</b> , 2013, 261247	29
1195	Dietary Lipid During Late-Pregnancy and Early-Lactation to Manipulate Metabolic and Inflammatory Gene Network Expression in Dairy Cattle Liver with a Focus on PPARs. <b>2013</b> , 7, 103-23	10
1194	Elevated lipogenesis and diminished cholesterol synthesis in patients with hepatitis C viral infection compared to healthy humans. <b>2013</b> , 57, 1697-704	40
1193	Omega-3 fatty acid therapy reduces triglycerides and interleukin-6 in hypertriglyceridemic HIV patients. <b>2013</b> , 14, 530-9	22
1192	Nutritional benefits of omega-3 fatty acids. <b>2013</b> , 3-26	2
1191	Physicochemical characterisation and oxidative stability of refined hoki oil, unrefined hoki oil and unrefined tuna oil. <b>2013</b> , 48, n/a-n/a	4
1190	Effect of fortified milk on lyso-platelet-activating factor acetyltransferase and lipoprotein-associated phospholipase A2 in hypercholesterolemic adults. <b>2013</b> , 115, 142-152	1
1189	Long-chain fatty acids and inflammatory processes. <b>2013</b> , 457-483	
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1187	A quick, optimized method for routine analysis of essential and trans-octadecenoic acids in edible fats and oils by GLC. <b>2013</b> , 51, 70-81	5
1186	LXR activation by GW3965 alters fat tissue distribution and adipose tissue inflammation in ob/ob female mice. <b>2013</b> , 54, 1300-11	34
1185	Enrichment of meat products with omega-3 fatty acids by methods other than modification of animal diet. <b>2013</b> , 299-318	2

1184	Emu oil expedites small intestinal repair following 5-fluorouracil-induced mucositis in rats. <b>2013</b> , 238, 1305-17	37
1183	Sheep cheese naturally enriched in linolenic, conjugated linoleic and vaccenic acids improves the lipid profile and reduces anandamide in the plasma of hypercholesterolaemic subjects. <b>2013</b> , 109, 1453-62	90
1182	Fish oil attenuates liver injury caused by LPS in weaned pigs associated with inhibition of TLR4 and nucleotide-binding oligomerization domain protein signaling pathways. <b>2013</b> , 19, 504-15	31
1181	- Fucoidan: A Potential Ingredient of Marine Nutraceuticals. <b>2013</b> , 152-171	
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1179	Effects of dietary fish meal and soybean meal on the ovine innate and acquired immune response during pregnancy and lactation. <b>2013</b> , 7, 151-9	7
1178	Lipids for intravenous nutrition in hospitalised adult patients: a multiple choice of options. <b>2013</b> , 72, 263-76	38
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1175	Dietary fat modification in patients with chronic kidney disease: n-3 fatty acids and beyond. <b>2013</b> , 26, 960-74	27
1174	Omega-6 and Omega-3 Polyunsaturated Fatty Acids and Inflammatory Bowel Diseases. <b>2013</b> , 55-79	
1173	Uso de terapêutica com ácidos graxos ômega-3 em pacientes com dor crônica e sintomas ansiosos e depressivos. <b>2013</b> , 14, 48-51	2
1172	Kinetics of chronic inflammation in Nile tilapia fed n-3 and n-6 essential fatty acids. <b>2013</b> , 48, 313-319	10
1171	Omega-3 polyunsaturated fatty acid (PUFA) status in major depressive disorder with comorbid anxiety disorders. <b>2013</b> , 74, 732-8	50
1170	Mechanisms of Fish Oil-Modulated Inflammation and Health. <b>2013</b> , 545-553	
1169	The eicosapentaenoic acid metabolite 15-deoxy-(12,14)-prostaglandin J3 increases adiponectin secretion by adipocytes partly via a PPAR $\beta$ -dependent mechanism. <b>2013</b> , 8, e63997	41
1168	Ratio of pro-resolving and pro-inflammatory lipid mediator precursors as potential markers for aggressive periodontitis. <b>2013</b> , 8, e70838	40
1167	Fish oil has beneficial effects on allergen-induced airway inflammation and hyperreactivity in mice. <b>2013</b> , 8, e75059	25

1166	Fish and fish oil intake in relation to risk of asthma: a systematic review and meta-analysis. <b>2013</b> , 8, e80048	55
1165	The effect of low-dose marine n-3 fatty acids on plasma levels of sCD36 in overweight subjects: a randomized, double-blind, placebo-controlled trial. <b>2013</b> , 11, 3324-34	6
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1163	The relationship between dietary fatty acids and inflammatory genes on the obese phenotype and serum lipids. <b>2013</b> , 5, 1672-705	46
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1161	Asthma in the 21st Century – Unexpected Applications of Ancient Treatments. <b>2013</b> ,	
1160	Marine-derived omega-3 fatty acids: fishing for clues for cancer prevention. <b>2013</b> , 97-101	4
1159	Role of omega-3 fatty acids in the treatment of depressive disorders: a comprehensive meta-analysis of randomized clinical trials. <b>2014</b> , 9, e96905	285
1158	Global metabolomic analysis of human saliva and plasma from healthy and diabetic subjects, with and without periodontal disease. <b>2014</b> , 9, e105181	102
1157	Reduced dietary omega-6 to omega-3 fatty acid ratio and 12/15-lipoxygenase deficiency are protective against chronic high fat diet-induced steatohepatitis. <b>2014</b> , 9, e107658	36
1156	A pharmaco-metabonomic study on chronic kidney disease and therapeutic effect of ergone by UPLC-QTOF/HDMS. <b>2014</b> , 9, e115467	48
1155	Oxidative stress and metabolic pathologies: from an adipocentric point of view. <b>2014</b> , 2014, 908539	150
1154	Omega-3 fatty acids and depression: scientific evidence and biological mechanisms. <b>2014</b> , 2014, 313570	152
1153	Maternal obesity, inflammation, and developmental programming. <b>2014</b> , 2014, 418975	128
1152	Flaxseed oil supplementation alters the expression of inflammatory-related genes in dogs. <b>2014</b> , 13, 5322-32	3
1151	Omega-3 fatty acid supplementation in horses. <b>2014</b> , 43, 677-683	3
1150	Nano- and microdelivery systems for marine bioactive lipids. <b>2014</b> , 12, 6014-27	9
1149	Interleukin-6 gene polymorphisms, dietary fat intake, obesity and serum lipid concentrations in black and white South African women. <b>2014</b> , 6, 2436-65	14

1148	Omega 3 fatty acids as a host modulator in chronic periodontitis patients: a randomised, double-blind, placebo-controlled, clinical trial. <b>2014</b> , 44, 25-32	32
1147	Platelet Oxidative Stress and Antioxidant Nutrients. <b>2014</b> , 02,	2
1146	Dietary Antioxidant Properties of Vegetable Oils and Nuts âThe Race Against Cardiovascular Disease Progression. <b>2014</b> ,	1
1145	Effect of astaxanthin and fish oil on enzymatic antioxidant system and $\alpha$ -amylase activity of salivary glands from rats. <b>2014</b> , 13, 58-63	2
1144	Comparison of fatty acid content of fresh and frozen fillets of rainbow trout ( <i>Oncorhynchus mykiss</i> ) Walbaum. <b>2014</b> , 57, 103-109	17
1143	The Role of Lipids and Lipid Metabolism in Age-Related Macular Degeneration. <b>2014</b> , 65-76	
1142	Nutrition and Lifelong Wellbeing. <b>2014</b> , 1-13	
1141	Dietary N-3 Polyunsaturated Fatty Acids and Dry Eye. <b>2014</b> , 177-187	1
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1139	The study of n-3PUFAs protecting the intestinal barrier in rat HS/R model. <b>2014</b> , 13, 146	9
1138	Isotopic estimates of sugar intake are related to chronic disease risk factors but not obesity in an Alaska native (Yup'ik) study population. <b>2014</b> , 68, 91-6	11
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1136	Maternal dietary counseling during pregnancy and infant fatty acid profiles. <b>2014</b> , 65, 268-72	1
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1134	The Role of Chondroprotectants, Nutraceuticals, and Nutrition in Rehabilitation. <b>2014</b> , 254-276	3
1133	Anti-inflammatory mechanism of polyunsaturated fatty acids in <i>Helicobacter pylori</i> -infected gastric epithelial cells. <b>2014</b> , 2014, 128919	21
1132	Sustainable Production of Omega-3 Fatty Acids. <b>2014</b> , 129-169	
1131	From stress to inflammation and major depressive disorder: a social signal transduction theory of depression. <b>2014</b> , 140, 774-815	1015

1130	Unraveling the complex relationship triad between lipids, obesity, and inflammation. <b>2014</b> , 2014, 502749	36
1129	Treatment of rheumatoid arthritis with marine and botanical oils: an 18-month, randomized, and double-blind trial. <b>2014</b> , 2014, 857456	22
1128	Creatine, L-carnitine, and $\beta$ polyunsaturated fatty acid supplementation from healthy to diseased skeletal muscle. <b>2014</b> , 2014, 613890	24
1127	Dietary long-chain omega-3 fatty acids do not diminish eosinophilic pulmonary inflammation in mice. <b>2014</b> , 50, 626-36	29
1126	Anti-Inflammatory and Anti-Superbacterial Properties of Sulforaphane from Shepherd's Purse. <b>2014</b> , 18, 33-9	18
1125	Ultrasound-assisted aqueous enzymatic extraction of oil from perilla ( <i>Perilla frutescens</i> L.) seeds. <b>2014</b> , 12, 16-21	29
1124	Effect of cytochrome P-450 epoxygenase and hydroxylase metabolites on rat myometrium contractility in non-pregnancy, late pregnancy and late pregnancy under inflammatory conditions. <b>2014</b> , 40, 661-9	5
1123	Stability of fatty acid composition after thermal, high pressure, and microwave processing of cow milk as affected by polyunsaturated fatty acid concentration. <b>2014</b> , 97, 7307-15	29
1122	Postprandial fatty acid specific changes in circulating oxylipins in lean and obese men after high-fat challenge tests. <b>2014</b> , 58, 591-600	33
1121	Eicosapentaenoic acid free fatty acid prevents and suppresses colonic neoplasia in colitis-associated colorectal cancer acting on Notch signaling and gut microbiota. <b>2014</b> , 135, 2004-13	64
1120	The effect of dietary estimates calculated using food frequency questionnaires on micronuclei formation in European pregnant women: a NewGeneris study. <b>2014</b> , 29, 393-400	7
1119	Impact of new-generation lipid emulsions on cellular mechanisms of parenteral nutrition-associated liver disease. <b>2014</b> , 5, 82-91	53
1118	Does omega-3 fatty acid supplementation enhance neural efficiency? A review of the literature. <b>2014</b> , 29, 8-18	15
1117	Use of Fish Oil Emulsion in Parenteral Nutrition: A Review of 20 Cases. <b>2014</b> , 6, 30-34	1
1116	Genome-wide interaction of genotype by erythrocyte n-3 fatty acids contributes to phenotypic variance of diabetes-related traits. <b>2014</b> , 15, 781	5
1115	Plasma n-3 and n-6 fatty acids and inflammatory markers in Chinese vegetarians. <b>2014</b> , 13, 151	13
1114	The influence of EPA and DHA on markers of inflammation in 3T3-L1 cells at different stages of cellular maturation. <b>2014</b> , 13, 3	41
1113	DHA suppresses <i>Prevotella intermedia</i> lipopolysaccharide-induced production of proinflammatory mediators in murine macrophages. <b>2014</b> , 111, 1221-30	28

1112	Maternal supplementation with fishmeal protects against late gestation endotoxin-induced fetal programming of the ovine hypothalamic-pituitary-adrenal axis. <b>2014</b> , 5, 206-13	12
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1110	Chronic oral or intraarticular administration of docosahexaenoic acid reduces nociception and knee edema and improves functional outcomes in a mouse model of Complete Freund's Adjuvant-induced knee arthritis. <b>2014</b> , 16, R64	27
1109	Using high-dose omega-3 fatty acid supplements to lower triglyceride levels in 10- to 19-year-olds. <b>2014</b> , 53, 428-38	34
1108	Bioactive compounds from macroalgae in the new millennium: implications for neurodegenerative diseases. <b>2014</b> , 12, 4934-72	97
1107	Fatty acid composition and preclinical resarches on Anthemis wiedemanniana Fisch. & Mey.: Discovery of a new anti-inflammatory agent. <b>2014</b> , 10, 53-60	8
1106	Anti-inflammatory, Antioxidant and Antimicrobial Effects of Artemisinin Extracts from Artemisia annua L. <b>2015</b> , 19, 21-7	76
1105	Fish oil supplementation induces expression of genes related to cell cycle, endoplasmic reticulum stress and apoptosis in peripheral blood mononuclear cells: a transcriptomic approach. <b>2014</b> , 276, 498-511	28
1104	An overview of the role of diet in the treatment of rheumatoid arthritis. <b>2014</b> , 39, 74-88	7
1103	Oxidative balance score and risk for incident prostate cancer in a prospective U.S. cohort study. <b>2014</b> , 24, 475-478.e4	16
1102	Influence of dietary docosahexaenoic acid in combination with other long-chain polyunsaturated fatty acids on expression of biosynthesis genes and phospholipid fatty acid compositions in tissues of post-smolt Atlantic salmon ( <i>Salmo salar</i> ). <b>2014</b> , 172-173, 74-89	52
1101	DHA effects in Parkinson disease depression. <b>2014</b> , 4, 61-66	10
1100	Polyunsaturated fatty acids balance affects platelet NOX2 activity in patients with liver cirrhosis. <b>2014</b> , 46, 632-8	9
1099	Dietary n-3 polyunsaturated fatty acids or soy protein isolate did not attenuate disease progression in a female rat model of autosomal recessive polycystic kidney disease. <b>2014</b> , 34, 526-34	9
1098	A surface-tethered spheroid model for functional evaluation of 3T3-L1 adipocytes. <b>2014</b> , 111, 174-83	28
1097	Periodontal disease: modulation of the inflammatory cascade by dietary n-3 polyunsaturated fatty acids. <b>2014</b> , 49, 277-81	9
1096	Modulation of obesity-induced inflammation by dietary fats: mechanisms and clinical evidence. <b>2014</b> , 13, 12	92
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538	Effects of Fat Supplementation in Dairy Goats on Lipid Metabolism and Health Status. <b>2019</b> , 9,	4
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411	The Metabolomics of Childhood Atopic Diseases: A Comprehensive Pathway-Specific Review. <b>2020</b> , 10,	9

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393	Blood fatty acids in Alzheimer's disease and mild cognitive impairment: A meta-analysis and systematic review. <b>2020</b> , 60, 101043	12

392	Quality improvement of common carp ( <i>Cyprinus carpio</i> L.) meat fortified with n-3 PUFA. <b>2020</b> , 139, 111261	11
391	Plant-based eating patterns and endurance performance: A focus on inflammation, oxidative stress and immune responses. <b>2020</b> , 45, 123-132	7
390	The Effects of Dietary Nutrition on Sleep and Sleep Disorders. <b>2020</b> , 2020, 3142874	14
389	Biologically active and health promoting food components of nuts, oilseeds, fruits, vegetables, cereals, and legumes. <b>2020</b> , 609-656	7
388	Supplemental linseed oil and antioxidants affect fatty acid composition, oxidation and colour stability of frozen pork. <b>2020</b> , 50, 253-263	1
387	SIRONA: Sustainable Integration of Regenerative Outer-space Nature and Agriculture. Part 2 – design development and projected performance. <b>2020</b> ,	2
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379	Evaluation of Nutritional, Inflammatory, and Fatty Acid Status in Patients with Gastric and Colorectal Cancer Receiving Chemotherapy. <b>2021</b> , 73, 420-432	1
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375	Metabolic indices of polyunsaturated fatty acids: current evidence, research controversies, and clinical utility. <b>2021</b> , 61, 259-274	6

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