# Kazuo K Miyashita

## List of Publications by Citations



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| 237 papers | 8,420 citations | 46 h-index | 84 g-index |
| 243 ext. papers | 9,300 ext. citations | 3.2 avg, IF | 6.01 L-index |

| # | Paper | IF | Citations |
|---|---|---|---|
| 237 | Fucoxanthin from edible seaweed, Undaria pinnatifida, shows antiobesity effect through UCP1 expression in white adipose tissues. *Biochemical and Biophysical Research Communications*, **2005**, 332, 392-7 | 3.4 | 456 |
| 236 | Radical scavenging and singlet oxygen quenching activity of marine carotenoid fucoxanthin and its metabolites. *Journal of Agricultural and Food Chemistry*, **2007**, 55, 8516-22 | 5.7 | 348 |
| 235 | Carotenoids affect proliferation of human prostate cancer cells. *Journal of Nutrition*, **2001**, 131, 3303-6 | 4.1 | 312 |
| 234 | Dietary combination of fucoxanthin and fish oil attenuates the weight gain of white adipose tissue and decreases blood glucose in obese/diabetic KK-Ay mice. *Journal of Agricultural and Food Chemistry*, **2007**, 55, 7701-6 | 5.7 | 243 |
| 233 | Fucoxanthin induces apoptosis and enhances the antiproliferative effect of the PPARgamma ligand, troglitazone, on colon cancer cells. *Biochimica Et Biophysica Acta - General Subjects*, **2004**, 1675, 113-9 | 4 | 239 |
| 232 | Pomegranate seed oil rich in conjugated linolenic acid suppresses chemically induced colon carcinogenesis in rats. *Cancer Science*, **2004**, 95, 481-6 | 6.9 | 201 |
| 231 | Study on the oxidative rate and prooxidant activity of free fatty acids. *JAOCS, Journal of the American Oil Chemistsj Society*, **1986**, 63, 1380-1384 | 1.8 | 197 |
| 230 | Anti-obesity and anti-diabetic effects of fucoxanthin on diet-induced obesity conditions in a murine model. *Molecular Medicine Reports*, **2009**, 2, 897-902 | 2.9 | 189 |
| 229 | Dual action of isoprenols from herbal medicines on both PPARgamma and PPARalpha in 3T3-L1 adipocytes and HepG2 hepatocytes. *FEBS Letters*, **2002**, 514, 315-22 | 3.8 | 177 |
| 228 | The allenic carotenoid fucoxanthin, a novel marine nutraceutical from brown seaweeds. *Journal of the Science of Food and Agriculture*, **2011**, 91, 1166-74 | 4.3 | 157 |
| 227 | Effects of fucoxanthin on lipopolysaccharide-induced inflammation in vitro and in vivo. *Experimental Eye Research*, **2005**, 81, 422-8 | 3.7 | 152 |
| 226 | Fucoxanthin: a marine carotenoid exerting anti-cancer effects by affecting multiple mechanisms. *Marine Drugs*, **2013**, 11, 5130-47 | 6 | 148 |
| 225 | Cytotoxic effect of conjugated trienoic fatty acids on mouse tumor and human monocytic leukemia cells. *Lipids*, **2001**, 36, 477-82 | 1.6 | 141 |
| 224 | Fucoxanthin regulates adipocytokine mRNA expression in white adipose tissue of diabetic/obese KK-Ay mice. *Archives of Biochemistry and Biophysics*, **2010**, 504, 17-25 | 4.1 | 135 |
| 223 | Fucoxanthin and its metabolite, fucoxanthinol, suppress adipocyte differentiation in 3T3-L1 cells. *International Journal of Molecular Medicine*, **2006**, 18, 147-52 | 4.4 | 128 |
| 222 | EVALUATION OF RECOVERABLE FUNCTIONAL LIPID COMPONENTS OF SEVERAL BROWN SEAWEEDS (PHAEOPHYTA) FROM JAPAN WITH SPECIAL REFERENCE TO FUCOXANTHIN AND FUCOSTEROL CONTENTS(1). *Journal of Phycology*, **2009**, 45, 974-80 | 3 | 121 |
| 221 | Bacterial microflora of carp (Cyprinus carpio) and its shelf-life extension by essential oil compounds. *Food Microbiology*, **2004**, 21, 657-666 | 6 | 114 |

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| 220 | Autoxidation of ethyl eicosapentaenoate and docosahexaenoate. *JAOCS, Journal of the American Oil Chemistsj Society*, **1987**, 64, 876-879 | 1.8 | 114 |
| 219 | Single and repeated oral dose toxicity study of fucoxanthin (FX), a marine carotenoid, in mice. *Journal of Toxicological Sciences*, **2009**, 34, 501-10 | 1.9 | 112 |
| 218 | Comparative antioxidant activity of edible Japanese brown seaweeds. *Journal of Food Science*, **2011**, 76, C104-11 | 3.4 | 111 |
| 217 | Dietary astaxanthin inhibits colitis and colitis-associated colon carcinogenesis in mice via modulation of the inflammatory cytokines. *Chemico-Biological Interactions*, **2011**, 193, 79-87 | 5 | 107 |
| 216 | Bitter gourd seed fatty acid rich in 9c,11t,13t-conjugated linolenic acid induces apoptosis and up-regulates the GADD45, p53 and PPARgamma in human colon cancer Caco-2 cells. *Prostaglandins Leukotrienes and Essential Fatty Acids*, **2005**, 73, 113-9 | 2.8 | 107 |
| 215 | Potent inhibitory effect of trans9, trans11 isomer of conjugated linoleic acid on the growth of human colon cancer cells. *Journal of Nutritional Biochemistry*, **2006**, 17, 830-6 | 6.3 | 106 |
| 214 | Oxidative Stability of Polyunsaturated Fatty Acids in an Aqueous Solution. *Bioscience, Biotechnology and Biochemistry*, **1993**, 57, 1638-1640 | 2.1 | 104 |
| 213 | Physiological Effects of Eicosapentaenoic Acid (EPA) and Docosahexaenoic Acid (DHA)A Review. *Food Reviews International*, **2006**, 22, 291-307 | 5.5 | 94 |
| 212 | Suppressive effects of the marine carotenoids, fucoxanthin and fucoxanthinol on triglyceride absorption in lymph duct-cannulated rats. *European Journal of Nutrition*, **2010**, 49, 243-9 | 5.2 | 90 |
| 211 | Acyclic carotenoids and their oxidation mixtures inhibit the growth of HL-60 human promyelocytic leukemia cells. *Nutrition and Cancer*, **2001**, 39, 273-83 | 2.8 | 90 |
| 210 | Chemical and nutritional characteristics of brown seaweed lipids: A review. *Journal of Functional Foods*, **2013**, 5, 1507-1517 | 5.1 | 88 |
| 209 | Inhibition of proliferation of a hepatoma cell line by fucoxanthin in relation to cell cycle arrest and enhanced gap junctional intercellular communication. *Chemico-Biological Interactions*, **2009**, 182, 165-72 | 5 | 88 |
| 208 | Fucoxanthin and fucoxanthinol enhance the amount of docosahexaenoic acid in the liver of KKAy obese/diabetic mice. *Journal of Agricultural and Food Chemistry*, **2007**, 55, 5025-9 | 5.7 | 86 |
| 207 | Effect of medium-chain triacylglycerols on anti-obesity effect of fucoxanthin. *Journal of Oleo Science*, **2007**, 56, 615-21 | 1.6 | 85 |
| 206 | Dietary conjugated linolenic acid inhibits azoxymethane-induced colonic aberrant crypt foci in rats. *Japanese Journal of Cancer Research*, **2002**, 93, 133-42 | | 80 |
| 205 | Fucoxanthin promotes translocation and induction of glucose transporter 4 in skeletal muscles of diabetic/obese KK-A(y) mice. *Phytomedicine*, **2012**, 19, 389-94 | 6.5 | 77 |
| 204 | Dietary seed oil rich in conjugated linolenic acid from bitter melon inhibits azoxymethane-induced rat colon carcinogenesis through elevation of colonic PPARgamma expression and alteration of lipid composition. *International Journal of Cancer*, **2004**, 110, 896-901 | 7.5 | 77 |
| 203 | Comparative evaluation of growth inhibitory effect of stereoisomers of fucoxanthin in human cancer cell lines. *Journal of Functional Foods*, **2009**, 1, 88-97 | 5.1 | 76 |

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| 202 | Suppressive effects of Amarouciaxanthin A on 3T3-L1 adipocyte differentiation through down-regulation of PPARγ and C/EBPα mRNA expression. *Journal of Agricultural and Food Chemistry*, **2011**, 59, 1646-52 | 5.7 | 71 |
| 201 | Suppressive effect of neoxanthin on the differentiation of 3T3-L1 adipose cells. *Journal of Oleo Science*, **2008**, 57, 345-51 | 1.6 | 71 |
| 200 | Effect of brown seaweed lipids on fatty acid composition and lipid hydroperoxide levels of mouse liver. *Journal of Agricultural and Food Chemistry*, **2011**, 59, 4156-63 | 5.7 | 69 |
| 199 | Inhibition properties of dipeptides from salmon muscle hydrolysate on angiotensin I-converting enzyme. *International Journal of Food Science and Technology*, **2006**, 41, 383-386 | 3.8 | 68 |
| 198 | Oxidative stability of polyunsaturated fatty acid in phosphatidylcholine liposomes. *Bioscience, Biotechnology and Biochemistry*, **2002**, 66, 2573-7 | 2.1 | 68 |
| 197 | Seasonal variations of total lipids, fatty acid composition, and fucoxanthin contents of Sargassum horneri (Turner) and Cystoseira hakodatensis (Yendo) from the northern seashore of Japan. *Journal of Applied Phycology*, **2013**, 25, 1159-1169 | 3.2 | 63 |
| 196 | Function of marine carotenoids. *Forum of Nutrition*, **2009**, 61, 136-146 | | 56 |
| 195 | Halocynthiaxanthin and fucoxanthinol isolated from Halocynthia roretzi induce apoptosis in human leukemia, breast and colon cancer cells. *Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology*, **2006**, 142, 53-9 | 3.2 | 56 |
| 194 | The carotenoid fucoxanthin from brown seaweed affects obesity. *Lipid Technology*, **2009**, 21, 186-190 | | 48 |
| 193 | Oxidative stability of salmon and herring roe lipids and their dietary effect on plasma cholesterol levels of rats. *Fisheries Science*, **2007**, 73, 668-674 | 1.9 | 47 |
| 192 | Lipids, Fatty Acids, and Fucoxanthin Content from Temperate and Tropical Brown Seaweeds. *Aquatic Procedia*, **2016**, 7, 66-75 | | 47 |
| 191 | Preservative effect of combined treatment with electrolyzed NaCl solutions and essential oil compounds on carp fillets during convectional air-drying. *International Journal of Food Microbiology*, **2006**, 106, 331-7 | 5.8 | 46 |
| 190 | Dietary effects of bitter gourd oil on blood and liver lipids of rats. *Archives of Biochemistry and Biophysics*, **2001**, 396, 207-12 | 4.1 | 45 |
| 189 | Fucoxanthinol, Metabolite of Fucoxanthin, Improves Obesity-Induced Inflammation in Adipocyte Cells. *Marine Drugs*, **2015**, 13, 4799-813 | 6 | 44 |
| 188 | Anticancer effects of fucoxanthin and fucoxanthinol on colorectal cancer cell lines and colorectal cancer tissues. *Oncology Letters*, **2015**, 10, 1463-1467 | 2.6 | 44 |
| 187 | In vitro and in vivo evaluation of mutagenicity of fucoxanthin (FX) and its metabolite fucoxanthinol (FXOH). *Journal of Toxicological Sciences*, **2009**, 34, 693-8 | 1.9 | 44 |
| 186 | Down-regulation of hepatic stearoyl-CoA desaturase-1 expression by fucoxanthin via leptin signaling in diabetic/obese KK-A(y) mice. *Lipids*, **2013**, 48, 449-55 | 1.6 | 43 |
| 185 | Effects of dietary fucoxanthin on cholesterol metabolism in diabetic/obese KK-A(y) mice. *Lipids in Health and Disease*, **2012**, 11, 112 | 4.4 | 42 |

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| 184 | Nutraceutical characteristics of the brown seaweed carotenoid fucoxanthin. *Archives of Biochemistry and Biophysics*, **2020**, 686, 108364 | 4.1 | 37 |
| 183 | Antiobesity effects of Undaria lipid capsules prepared with scallop phospholipids. *Journal of Food Science*, **2011**, 76, H2-6 | 3.4 | 37 |
| 182 | Fucoxanthin and its metabolite, fucoxanthinol, suppress adipocyte differentiation in 3T3-L1 cells. *International Journal of Molecular Medicine*, **2006**, 18, 147 | 4.4 | 37 |
| 181 | ANALYSIS OF FUCOXANTHIN CONTENT AND PURIFICATION OF ALL-TRANS-FUCOXANTHIN FROM Turbinaria turbinata AND Sargassum plagyophyllum BY SiO2 OPEN COLUMN CHROMATOGRAPHY AND REVERSED PHASE-HPLC. *Journal of Liquid Chromatography and Related Technologies*, **2013**, 36, 1340-1354 | 1.3 | 36 |
| 180 | Fatty Acid and Lipid Class Composition of the Microalga Phaeodactylum tricornutum. *Journal of Oleo Science*, **2017**, 66, 363-368 | 1.6 | 36 |
| 179 | Enhancement of hepatic docosahexaenoic acid and arachidonic acid contents in C57BL/6J mice by dietary fucoxanthin. *Fisheries Science*, **2009**, 75, 261-263 | 1.9 | 35 |
| 178 | Comparative Evaluation of Fatty Acid Composition of Different Sargassum (Fucales, Phaeophyta) Species Harvested from Temperate and Tropical Waters. *Journal of Aquatic Food Product Technology*, **2005**, 13, 53-70 | 1.6 | 35 |
| 177 | Tocopherol content of Japanese algae and its seasonal variation.. *Agricultural and Biological Chemistry*, **1987**, 51, 3115-3118 | | 35 |
| 176 | Effective Prevention of Oxidative Deterioration of Fish Oil: Focus on Flavor Deterioration. *Annual Review of Food Science and Technology*, **2018**, 9, 209-226 | 14.7 | 34 |
| 175 | Conjugated linoleic acid deteriorates insulin resistance in obese/diabetic mice in association with decreased production of adiponectin and leptin. *Journal of Nutritional Science and Vitaminology*, **2004**, 50, 416-21 | 1.1 | 33 |
| 174 | Oxidative stability of lipids from squid tissues. *Fisheries Science*, **2001**, 67, 738-743 | 1.9 | 32 |
| 173 | Dimers formed in oxygenated methyl linoleate hydroperoxides. *Lipids*, **1985**, 20, 578-587 | 1.6 | 32 |
| 172 | Cancer chemopreventive ability of conjugated linolenic acids. *International Journal of Molecular Sciences*, **2011**, 12, 7495-509 | 6.3 | 31 |
| 171 | Effect of droplet size on the oxidative stability of soybean oil TAG and fish oil TAG in oil-in-water emulsion. *Journal of Oleo Science*, **2009**, 58, 329-38 | 1.6 | 31 |
| 170 | Oxidative stability of liposomes prepared from soybean PC, chicken egg PC, and salmon egg PC. *Bioscience, Biotechnology and Biochemistry*, **1997**, 61, 1736-8 | 2.1 | 31 |
| 169 | Fucoxanthin Extractions of Brown Seaweeds and Analysis of Their Lipid Fraction in Methanol. *Food Science and Technology Research*, **2012**, 18, 251-257 | 0.8 | 30 |
| 168 | Effect of caffeine and capsaicin on the blood glucose levels of obese/diabetic KK-A(y) mice. *Journal of Oleo Science*, **2012**, 61, 515-23 | 1.6 | 29 |
| 167 | Production of phosphatidylcholine containing conjugated linoleic acid mediated by phospholipase A2. *Journal of Molecular Catalysis B: Enzymatic*, **2006**, 41, 92-96 | | 29 |

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| 166 | Growth inhibition and apoptosis induction by all-trans-conjugated linolenic acids on human colon cancer cells. *Anticancer Research*, **2006**, 26, 1855-60 | 2.3 | 29 |
| 165 | Antioxidant activity of polar carotenoids including astaxanthin-beta-glucoside from marine bacterium on PC liposomes. *Fisheries Science*, **2000**, 66, 980-985 | 1.9 | 28 |
| 164 | Comparative Study on the Oxidative Stability of Phosphatidylcholines from Salmon Egg and Soybean in an Aqueous Solution. *Bioscience, Biotechnology and Biochemistry*, **1994**, 58, 1772-1775 | 2.1 | 28 |
| 163 | Formation of dimers during the initial stage of autoxidation in methyl linoleate.. *Agricultural and Biological Chemistry*, **1982**, 46, 751-755 | | 28 |
| 162 | Dietary combination of fish oil and taurine decreases fat accumulation and ameliorates blood glucose levels in type 2 diabetic/obese KK-A(y) mice. *Journal of Food Science*, **2012**, 77, H114-20 | 3.4 | 27 |
| 161 | Bovine lactoferrin reduces visceral fat and liver triglycerides in ICR mice. *Journal of Oleo Science*, **2013**, 62, 97-103 | 1.6 | 27 |
| 160 | Effects of pepsin and trypsin on the anti-adipogenic action of lactoferrin against pre-adipocytes derived from rat mesenteric fat. *British Journal of Nutrition*, **2011**, 105, 200-11 | 3.6 | 27 |
| 159 | Occurrence of conjugated polyenoic fatty acids in seaweeds from the Indian Ocean. *Zeitschrift Fur Naturforschung - Section C Journal of Biosciences*, **2004**, 59, 310-4 | 1.7 | 27 |
| 158 | Comparative study of the product components of lipid oxidation in aqueous and organic systems. *Chemistry and Physics of Lipids*, **2003**, 126, 111-20 | 3.7 | 27 |
| 157 | Occurrence of Conjugated Linolenic Acid in Flesh and Seed of Bitter Gourd.. *Journal of Oleo Science*, **2001**, 50, 753-758 | 1.6 | 27 |
| 156 | Spatial and seasonal variations in the biofunctional lipid substances (fucoxanthin and fucosterol) of the laboratory-grown edible Japanese seaweed ( Turner) cultured in the open sea. *Saudi Journal of Biological Sciences*, **2017**, 24, 1475-1482 | 4 | 24 |
| 155 | Suppressive effects of alloxanthin and diatoxanthin from Halocynthia roretzi on LPS-induced expression of pro-inflammatory genes in RAW264.7 cells. *Journal of Oleo Science*, **2008**, 57, 181-9 | 1.6 | 24 |
| 154 | Unsaturated phosphatidylethanolamine as effective synergist in combination with alpha-tocopherol. *Journal of Oleo Science*, **2007**, 56, 511-6 | 1.6 | 24 |
| 153 | Antioxidative Activity of a Cathodic Solution Produced by the Electrolysis of a Dilute NaCl Solution. *Bioscience, Biotechnology and Biochemistry*, **1999**, 63, 421-3 | 2.1 | 24 |
| 152 | Reduction of HbA1c levels by fucoxanthin-enriched akamoku oil possibly involves the thrifty allele of uncoupling protein 1 (): a randomised controlled trial in normal-weight and obese Japanese adults. *Journal of Nutritional Science*, **2017**, 6, e5 | 2.7 | 23 |
| 151 | Seasonal variation in nutritional composition and anti-proliferative activity of brown seaweed, Sargassum oligocystum. *Journal of Applied Phycology*, **2018**, 30, 101-111 | 3.2 | 23 |
| 150 | Paradox of omega-3 PUFA oxidation. *European Journal of Lipid Science and Technology*, **2014**, 116, 1268-1279 | 3 | 23 |
| 149 | The effect of milk polar lipids separated from butter serum on the lipid levels in the liver and the plasma of obese-model mouse (KK-A ). *Journal of Functional Foods*, **2011**, 3, 313-320 | 5.1 | 23 |

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| 148 | Carotenoid Profile of Edible Japanese Seaweeds: An Improved HPLC Method for Separation of Major Carotenoids. *Journal of Aquatic Food Product Technology*, **2012**, 21, 468-479 | 1.6 | 22 |
| 147 | Synthesis of novel phospholipids that bind phenylalkanols and hydroquinone via phospholipase D-catalyzed transphosphatidylation. *New Biotechnology*, **2011**, 28, 1-6 | 6.4 | 22 |
| 146 | Preparation of Phosphatidylated Terpenes via Phospholipase D-Mediated Transphosphatidylation. *JAOCS, Journal of the American Oil Chemistsj Society*, **2008**, 85, 313-320 | 1.8 | 22 |
| 145 | Lipid peroxidation of a human hepatoma cell line (HepG2) after incorporation of linoleic acid, arachidonic acid, and docosahexaenoic acid. *Bioscience, Biotechnology and Biochemistry*, **2005**, 69, 483-90 | 2.1 | 22 |
| 144 | Fucoxanthin potentiates anoikis in colon mucosa and prevents carcinogenesis in AOM/DSS model mice. *Journal of Nutritional Biochemistry*, **2019**, 64, 198-205 | 6.3 | 22 |
| 143 | Fucoxanthin in the management of obesity and its related disorders. *Journal of Functional Foods*, **2017**, 36, 195-202 | 5.1 | 21 |
| 142 | A marine bio-functional lipid, fucoxanthinol, attenuates human colorectal cancer stem-like cell tumorigenicity and sphere formation. *Journal of Clinical Biochemistry and Nutrition*, **2017**, 61, 25-32 | 3.1 | 21 |
| 141 | Oxidative Stability of Free Fatty Acid Mixtures from Soybean, Linseed, and Sardine Oils in an Aqueous Solution. *Fisheries Science*, **1994**, 60, 315-318 | 1.9 | 21 |
| 140 | Dietary Fucoxanthin Induces Anoikis in Colorectal Adenocarcinoma by Suppressing Integrin Signaling in a Murine Colorectal Cancer Model. *Journal of Clinical Medicine*, **2019**, 9, | 5.1 | 21 |
| 139 | Aqueous Oxidation of Ethyl Linoleate, Ethyl Linolenate, and Ethyl Docosahexaenoate. *Bioscience, Biotechnology and Biochemistry*, **1997**, 61, 281-285 | 2.1 | 20 |
| 138 | New C37 skeletal carotenoid from the clam, Paphia amabillis. *Journal of Agricultural and Food Chemistry*, **2008**, 56, 12069-72 | 5.7 | 20 |
| 137 | Effects of emulsifiers on the oxidative stability of soybean oil TAG in emulsions. *JAOCS, Journal of the American Oil Chemistsj Society*, **2002**, 79, 567-570 | 1.8 | 20 |
| 136 | Fabrication of Fucoxanthin-Loaded Microsphere(F-LM) By Two Steps Double-Emulsion Solvent Evaporation Method and Characterization of Fucoxanthin before and after Microencapsulation. *Journal of Oleo Science*, **2016**, 65, 641-53 | 1.6 | 20 |
| 135 | Synthesis of phosphatidylated-monoterpene alcohols catalyzed by phospholipase D and their antiproliferative effects on human cancer cells. *Bioorganic and Medicinal Chemistry Letters*, **2008**, 18, 4044-6 | 2.9 | 19 |
| 134 | Comparative study of the autoxidation of TAG containing conjugated and nonconjugated C18 PUFA. *JAOCS, Journal of the American Oil Chemistsj Society*, **2004**, 81, 563-569 | 1.8 | 19 |
| 133 | Lipid Profiles and Oxidative Stability of Silkworm Pupal Oil,. *Journal of Oleo Science*, **2002**, 51, 681-690 | 1.6 | 19 |
| 132 | Combined effect of astaxanthin and squalene on oxidative stress in vivo. *Molecular and Cellular Biochemistry*, **2016**, 417, 57-65 | 4.2 | 19 |
| 131 | Catalpa seed oil rich in 9t,11t,13c-conjugated linolenic acid suppresses the development of colonic aberrant crypt foci induced by azoxymethane in rats. *Oncology Reports*, **2006**, 16, 989-96 | 3.5 | 19 |

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| 130 | Induction of Anoikis in Human Colorectal Cancer Cells by Fucoxanthinol. *Nutrition and Cancer*, **2017**, 69, 1043-1052 | 2.8 | 18 |
| 129 | Glycine and succinic acid are effective indicators of the suppression of epithelial-mesenchymal transition by fucoxanthinol in colorectal cancer stem-like cells. *Oncology Reports*, **2018**, 40, 414-424 | 3.5 | 18 |
| 128 | Synergistic antioxidant activity of milk sphingomyeline and its sphingoid base with Ɛtocopherol on fish oil triacylglycerol. *Journal of Agricultural and Food Chemistry*, **2013**, 61, 7969-75 | 5.7 | 18 |
| 127 | Oxidative stability of glyceroglycolipids containing polyunsaturated fatty acids. *Journal of Oleo Science*, **2012**, 61, 505-13 | 1.6 | 18 |
| 126 | 9trans,11trans conjugated linoleic acid inhibits the development of azoxymethane-induced colonic aberrant crypt foci in rats. *Nutrition and Cancer*, **2007**, 59, 82-91 | 2.8 | 18 |
| 125 | Oxidized ethyl linoleate induces mucosal hypertrophy of the large intestine and affects cecal fermentation of dietary fiber in rats. *Journal of Nutrition*, **1996**, 126, 800-6 | 4.1 | 18 |
| 124 | Carotenoid Profiling of a Red Seaweed : Insights into Biosynthetic Pathways in the Order Bangiales. *Marine Drugs*, **2018**, 16, | 6 | 18 |
| 123 | Fucoxanthin inhibits hepatic oxidative stress, inflammation, and fibrosis in diet-induced nonalcoholic steatohepatitis model mice. *Biochemical and Biophysical Research Communications*, **2020**, 528, 305-310 | 3.4 | 17 |
| 122 | Effective extraction of carotenoids from brown seaweeds and vegetable leaves with edible oils. *Innovative Food Science and Emerging Technologies*, **2020**, 60, 102302 | 6.8 | 17 |
| 121 | The Oxidative Stabilities of Polyunsaturated Fatty Acids in Salmon Egg Phosphatidylcholine Liposomes. *Fisheries Science*, **1998**, 64, 282-286 | 1.9 | 17 |
| 120 | Autoxidation of ethyl eicosapentaenoate and docosahexaenoate under light irradiation.. *Nippon Suisan Gakkaishi*, **1987**, 53, 813-817 | 0.2 | 17 |
| 119 | Nitrocapsanthin and nitrofucoxanthin, respective products of capsanthin and fucoxanthin reaction with peroxynitrite. *Journal of Agricultural and Food Chemistry*, **2011**, 59, 10572-8 | 5.7 | 16 |
| 118 | Occurrence of Conjugated Linolenic Acids in Purified Soybean Oil. *JAOCS, Journal of the American Oil Chemistsj Society*, **2007**, 84, 23-29 | 1.8 | 16 |
| 117 | Separation of sardine oil without heating from surimi waste and its effect on lipid metabolism in rats. *Journal of Agricultural and Food Chemistry*, **2004**, 52, 2372-5 | 5.7 | 16 |
| 116 | Oxidative stability of Triglycerides from Orbital Fat of Tuna and Soybean Oil in an Emulsion. *Fisheries Science*, **1995**, 61, 273-275 | 1.9 | 16 |
| 115 | Antioxidant Activity of Water Extracts from Fish Eggs on PC Liposomes.. *Nippon Suisan Gakkaishi*, **1999**, 65, 488-494 | 0.2 | 15 |
| 114 | Proton NMR Relaxation Times of Polyunsaturated Fatty Acids in Chloroform Solutions and Aqueous Micelles. *Journal of Oleo Science*, **2004**, 53, 105-108 | 1.6 | 15 |
| 113 | Variation in Lipid Components from 15 Species of Tropical and Temperate Seaweeds. *Marine Drugs*, **2019**, 17, | 6 | 15 |

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| 112 | Alteration of fecal microbiota by fucoxanthin results in prevention of colorectal cancer in AOM/DSS mice. *Carcinogenesis*, **2021**, 42, 210-219 | 4.6 | 15 |
| 111 | Formation of Acrolein in the Autoxidation of Triacylglycerols with Different Fatty Acid Compositions. *JAOCS, Journal of the American Oil Chemistsj Society*, **2015**, 92, 1661-1670 | 1.8 | 14 |
| 110 | Docosapentaenoic Acid (22:5n-3) Downregulates mRNA Expression of Pro-inflammatory Factors in LPS-activated Murine Macrophage Like RAW264.7 Cells. *Journal of Oleo Science*, **2017**, 66, 1149-1156 | 1.6 | 14 |
| 109 | Antiobesity Effect of Fucoxanthin from Edible Seaweeds and Its Multibiological Functions. *ACS Symposium Series*, **2008**, 376-388 | 0.4 | 14 |
| 108 | Regulation of apoptosis through arachidonate cascade in mammalian cells. *Applied Biochemistry and Biotechnology*, **2002**, 102-103, 239-50 | 3.2 | 14 |
| 107 | Potent lipolytic activity of lactoferrin in mature adipocytes. *Bioscience, Biotechnology and Biochemistry*, **2013**, 77, 566-71 | 2.1 | 13 |
| 106 | Stability of Fucoxanthin in Dried Undaria Pinnatifida (Wakame) and Baked Products (Scones) Containing Wakame Powder. *Food Science and Technology Research*, **2012**, 18, 687-693 | 0.8 | 13 |
| 105 | Effect of Tween 20 on the Oxidative Stability of Sodium Linoleate and Sodium Docosahexaenoate. *Bioscience, Biotechnology and Biochemistry*, **1997**, 61, 716-717 | 2.1 | 12 |
| 104 | Surface Sterilization of Dried Fishery Products in Superheated Steam and Hot Air. *Journal of the Japanese Society for Food Science and Technology*, **2006**, 53, 373-379 | 0.2 | 12 |
| 103 | Autoxidation rates of various esters of safflower oil and linoleic acid. *JAOCS, Journal of the American Oil Chemistsj Society*, **1988**, 65, 1156-1158 | 1.8 | 12 |
| 102 | Structures of dimers produced from methyl linoleate during initial stage of autoxidation.. *Agricultural and Biological Chemistry*, **1982**, 46, 2293-2297 | | 12 |
| 101 | Fucoxanthin administration delays occurrence of tumors in xenograft mice by colonospheres, with an anti-tumor predictor of glycine. *Journal of Clinical Biochemistry and Nutrition*, **2019**, 64, 52-58 | 3.1 | 11 |
| 100 | Structural studies of polar dimers in autoxidized methyl linoleate during the initial stages of autoxidation.. *Agricultural and Biological Chemistry*, **1984**, 48, 2511-2515 | | 11 |
| 99 | Bioactive significance of fucoxanthin and its effective extraction. *Biocatalysis and Agricultural Biotechnology*, **2020**, 26, 101639 | 4.2 | 11 |
| 98 | Salivary Glycine Is a Significant Predictor for the Attenuation of Polyp and Tumor Microenvironment Formation by Fucoxanthin in AOM/DSS Mice. *In Vivo*, **2019**, 33, 365-374 | 2.3 | 11 |
| 97 | The dietary effect of milk sphingomyelin on the lipid metabolism of obese/diabetic KK-A(y) mice and wild-type C57BL/6J mice. *Food and Function*, **2016**, 7, 3854-67 | 6.1 | 10 |
| 96 | Factors influencing the induction of adventitious bud and callus in the brown alga Sargassum horneri (Turner) C. Agardh. *Journal of Applied Phycology*, **2016**, 28, 2435-2443 | 3.2 | 10 |
| 95 | Lipids Alleviate Oxidative Stress and Inflammation in Mice Fed a High-Fat and High-Sucrose Diet. *Marine Drugs*, **2020**, 18, | 6 | 9 |

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| 94 | Acrolein as a Major Volatile in the Early Stages of Fish Oil TAG Oxidation. *Journal of Oleo Science*, **2018**, 67, 515-524 | 1.6 | 9 |
| 93 | Purified canola lutein selectively inhibits specific isoforms of mammalian DNA polymerases and reduces inflammatory response. *Lipids*, **2010**, 45, 713-21 | 1.6 | 9 |
| 92 | A simple and quick determination of aldehydes in autoxidized vegetable and fish oils. *JAOCS, Journal of the American Oil Chemistsj Society*, **1991**, 68, 748-751 | 1.8 | 9 |
| 91 | Oxidative Stability of Polyunsaturated Monoacylglycerol and Triacylglycerol in Aqueous Micelles. **1997**, 46, 205-208 | | 9 |
| 90 | Squalene modulates fatty acid metabolism: Enhanced EPA/DHA in obese/diabetic mice (KK-Ay) model. *European Journal of Lipid Science and Technology*, **2016**, 118, 1935-1941 | 3 | 9 |
| 89 | Regulation of polyunsaturated fatty acid biosynthesis by seaweed fucoxanthin and its metabolite in cultured hepatocytes. *Lipids*, **2014**, 49, 133-41 | 1.6 | 8 |
| 88 | Antiobesity Effect of Allenic Carotenoid, Fucoxanthin145-160 | | 8 |
| 87 | Effects of sea squirt (Halocynthia roretzi) lipids on white adipose tissue weight and blood glucose in diabetic/obese KK-Ay mice. *Molecular Medicine Reports*, **2010**, 3, 449-53 | 2.9 | 8 |
| 86 | Control of life cycle of mouse adipogenic 3T3-L1 cells by dietary lipids and metabolic factors. *Applied Biochemistry and Biotechnology*, **2004**, 118, 97-114 | 3.2 | 8 |
| 85 | Formation of conjugated diene and triene products in lipoxygenase oxidation of C18, C20, C22 PUFAs. *JAOCS, Journal of the American Oil Chemistsj Society*, **1987**, 64, 1320-1323 | 1.8 | 8 |
| 84 | Autoxidative rates of nonmethylene-interrupted polyenoic fatty acids. *JAOCS, Journal of the American Oil Chemistsj Society*, **1987**, 64, 407-413 | 1.8 | 8 |
| 83 | Health impact of marine carotenoids. *Journal of Food Bioactives: an Official Scientific Publication of the International Society of Nutraceuticals and Functional Foods (ISNFF)*,1, | 3.7 | 8 |
| 82 | Oxidative Stability of Geometric and Positional Isomers of Unsaturated Fatty Acids in Aqueous Solution. *Journal of Japan Oil Chemists Society*, **1995**, 44, 425-430 | | 8 |
| 81 | Fucoxanthinol attenuates oxidative stress-induced atrophy and loss in myotubes and reduces the triacylglycerol content in mature adipocytes. *Molecular Biology Reports*, **2020**, 47, 2703-2711 | 2.8 | 7 |
| 80 | Dietary ALA from Spinach Enhances Liver n-3 Fatty Acid Content to Greater Extent than Linseed Oil in Mice Fed Equivalent Amounts of ALA. *Lipids*, **2016**, 51, 39-48 | 1.6 | 7 |
| 79 | Docosahexaenoic acid-containing phosphatidylethanolamine enhances HL-60 cell differentiation by regulation of c-jun and c-myc expression. *Molecular and Cellular Biochemistry*, **2005**, 275, 127-33 | 4.2 | 7 |
| 78 | Analysis of conjugated linoleic acids as 9-anthrylmethyl esters by reversed-phase high-performance liquid chromatography with fluorescence detection. *Journal of Chromatographic Science*, **2005**, 43, 494-9 | 1.4 | 7 |
| 77 | Oxidative Stability of PC Containing Linoleate and Docosahexaenoate in an Aqueous Solution with or without Chicken Egg Albumin. *Bioscience, Biotechnology and Biochemistry*, **1995**, 59, 2319-2320 | 2.1 | 7 |

| | | | |
|---|---|---|---|
| 76 | Formation of Dimers during the Initial Stage of Autoxidation in Methyl Linoleate. *Agricultural and Biological Chemistry*, **1982**, 46, 751-755 | | 7 |
| 75 | Total Lipids Content, Lipid Class and Fatty Acid Composition of Ten Species of Microalgae. *Journal of Oleo Science*, **2020**, 69, 1181-1189 | 1.6 | 7 |
| 74 | Effect of Spirulina lipids on high-fat and high-sucrose diet induced obesity and hepatic lipid accumulation in C57BL/6J mice. *Journal of Functional Foods*, **2020**, 65, 103741 | 5.1 | 7 |
| 73 | High fucoxanthin wakame (Undaria pinnatifida) prevents tumor microenvironment formation in an AOM/DSS mouse carcinogenic model. *Journal of Functional Foods*, **2020**, 64, 103709 | 5.1 | 7 |
| 72 | Fucoxanthin and Colorectal Cancer Prevention. *Cancers*, **2021**, 13, | 6.6 | 7 |
| 71 | Does squalene alter the antioxidant potential of astaxanthin and fucoxanthinol? In vitro evidence in RAW 264.7 cells, a murine macrophage. *Journal of Food Science and Technology*, **2016**, 53, 2139-43 | 3.3 | 7 |
| 70 | Effect of alpha-tocopherol on the synthesis of phosphatidylglycerol catalyzed by phospholipase D in an aqueous system. *Biotechnology Letters*, **2009**, 31, 719-23 | 3 | 6 |
| 69 | A facile method for the detection of aldehydes in oxidized lipids using solid-phase microextraction fiber and gas chromatograph equipped with a septum-free injector. *Journal of Oleo Science*, **2009**, 58, 17-22 | 1.6 | 6 |
| 68 | Decomposition products of Dimers Arising from Secondary Oxidation of Methyl Linoleate Hydroperoxides. *Agricultural and Biological Chemistry*, **1985**, 49, 2633-2640 | | 6 |
| 67 | Glycine Is a Predictor for a Suppressive Effect of Fucoxanthinol on Colonosphere Formation Under Hypoxia. *Anticancer Research*, **2018**, 38, 2169-2179 | 2.3 | 6 |
| 66 | Fucoxanthin Prevents Colorectal Cancer Development in Dextran Sodium Sulfate-treated Mice. *Anticancer Research*, **2021**, 41, 1299-1305 | 2.3 | 6 |
| 65 | Inhibitory Effect of Dihydrosphingosine with □Tocopherol on Volatile Formation during the Autoxidation of Polyunsaturated Triacylglycerols. *Journal of Oleo Science*, **2016**, 65, 713-22 | 1.6 | 6 |
| 64 | A Fucoxanthinol Induces Apoptosis in a Pancreatic Intraepithelial Neoplasia Cell. *Cancer Genomics and Proteomics*, **2021**, 18, 133-146 | 3.3 | 6 |
| 63 | Composition, Functionality and Potential Applications of Seaweed Lipids463-490 | | 5 |
| 62 | Oxidative Stability of Conjugated Polyunsaturated Fatty Acids and Their Esters in Bulk Phase.. *Journal of Oleo Science*, **2001**, 50, 491-495 | 1.6 | 5 |
| 61 | Suppression of C-C chemokine receptor 1 is a key regulation for colon cancer chemoprevention in AOM/DSS mice by fucoxanthin. *Journal of Nutritional Biochemistry*, **2022**, 99, 108871 | 6.3 | 5 |
| 60 | Preparation of n-3 Polyunsaturated Phosphatidylglycerol from Salmon Roe Lipids by Phospholipase D and In Vitro Digestion. *European Journal of Lipid Science and Technology*, **2020**, 122, 1900201 | 3 | 5 |
| 59 | The Effect of -3 PUFA Binding Phosphatidylglycerol on Metabolic Syndrome-Related Parameters and -3 PUFA Accretion in Diabetic/Obese KK- Mice. *Nutrients*, **2019**, 11, | 6.7 | 5 |

| | | | |
|---|---|---|---|
| 58 | A Marine Carotenoid of Fucoxanthinol Accelerates the Growth of Human Pancreatic Cancer PANC-1 Cells. *Nutrition and Cancer*, **2021**, 1-16 | 2.8 | 5 |
| 57 | Marine antioxidants **2014**, 219-235 | | 4 |
| 56 | Marine Oils and other Marine Nutraceuticals **2010**, 444-454 | | 4 |
| 55 | The effect of bio-converted polyunsaturated fatty acids on the oxidation of TAG containing highly unsaturated fatty acids. *Journal of Industrial Microbiology and Biotechnology*, **2006**, 33, 17-21 | 4.2 | 4 |
| 54 | Effects of Fucoxanthin on the Inhibition of Dexamethasone-Induced Skeletal Muscle Loss in Mice. *Nutrients*, **2021**, 13, | 6.7 | 4 |
| 53 | Effects of CLIC4 on Fucoxanthinol-Induced Apoptosis in Human Colorectal Cancer Cells. *Nutrition and Cancer*, **2021**, 73, 889-898 | 2.8 | 4 |
| 52 | Bioconversion of Docosapentaenoic Acid in Human Cell Lines, Caco-2, HepG2, and THP-1. *Journal of Oleo Science*, **2016**, 65, 1017-1022 | 1.6 | 3 |
| 51 | Therapeutic Effect of Fucoxanthin on Metabolic Syndrome and Type 2 Diabetes **2018**, 343-355 | | 3 |
| 50 | The extracts of Japanese willow tree species are effective forapoptotic desperation or differentiation of acute myeloid leukemia cells. *Pharmacognosy Magazine*, **2014**, 10, 125-31 | 0.8 | 3 |
| 49 | Oxidation and Stability of Food-Grade Fish Oil: Role of Antioxidants **2010**, 317-334 | | 3 |
| 48 | Oxidative stability of marine lipids in aqueous solution. *Nippon Suisan Gakkaishi*, **2006**, 72, 636-639 | 0.2 | 3 |
| 47 | Lipid Extraction with Electrolyzed Cathode Water from Marine Products.. *Journal of Oleo Science*, **2003**, 52, 1-6 | 1.6 | 3 |
| 46 | Effects of alkylamines and PC on the oxidative stability of soybean oil TAG in milk casein emulsions. *JAOCS, Journal of the American Oil Chemistsj Society*, **2003**, 80, 431-435 | 1.8 | 3 |
| 45 | Anti-Obesity by Marine Lipids **2007**, 463-475 | | 3 |
| 44 | Continuity of Tumor Microenvironmental Suppression in AOM/DSS Mice by Fucoxanthin May Be Able to Track With Salivary Glycine. *In Vivo*, **2020**, 34, 3205-3215 | 2.3 | 3 |
| 43 | Effect of Fucoxanthinol on Pancreatic Ductal Adenocarcinoma Cells from an -Nitrosobis(2-oxopropyl)amine-initiated Syrian Golden Hamster Pancreatic Carcinogenesis Model. *Cancer Genomics and Proteomics*, **2021**, 18, 407-423 | 3.3 | 3 |
| 42 | Structure of a novel monocyclic carotenoid, 3?-hydroxy-2?-isopentenylsaproxanthin ((3R,2?S)-2?-(3-hydroxy-3-methylbutyl)-3?, 4?-didehydro-1?, 2?-dihydro-□□carotene-3, 1?-diol), from a flavobacterium Gillisia limnaea strain DSM 15749. *Biocatalysis and Agricultural Biotechnology* , **2015**, 4, 174-179 | 4.2 | 2 |
| 41 | Draft Genome Sequences of Marine Flavobacterium Nonlabens Strains NR17, NR24, NR27, NR32, NR33, and Ara13. *Genome Announcements*, **2014**, 2, | | 2 |

| | | | |
|---|---|---|---|
| 40 | Therapeutic Effect of Fucoxanthin on Metabolic Syndrome and Type 2 Diabetes **2012**, 367-379 | | 2 |
| 39 | Skin Photoprotection by Marine Carotenoids **2011**, 105-118 | | 2 |
| 38 | ??????????????????????????*Journal of Lipid Nutrition*, **2010**, 19, 39-45 | 0 | 2 |
| 37 | Enzymatic Production of Marine-Derived Protein Hydrolysates and Their Bioactive Peptides for Use in Foods and Nutraceuticals491-519 | | 2 |
| 36 | Catalpa seed oil rich in 9t,11t,13c-conjugated linolenic acid suppresses the development of colonic aberrant crypt foci induced by azoxymethane in rats. *Oncology Reports*, **2006**, 16, 989 | 3.5 | 2 |
| 35 | Occurrence of Conjugated Fatty Acids in Aquatic and Terrestrial Plants and their Physiological Effects. *Nutraceutical Science and Technology*, **2006**, 201-218 | | 2 |
| 34 | Polyunsaturated Lipid Oxidation in Aqueous System. *Food Additives*, **2008**, | | 2 |
| 33 | Oxidative Stability of Triacylglycerols in Aqueous Solution **1999**, 48, 21-27,57 | | 2 |
| 32 | Identification of Paracentrone in Fucoxanthin-Fed Mice and Anti-Inflammatory Effect against Lipopolysaccharide-Stimulated Macrophages and Adipocytes. *Molecular Nutrition and Food Research*, **2021**, 65, e2000405 | 5.9 | 2 |
| 31 | Fucoxanthin Prevents Pancreatic Tumorigenesis in C57BL/6J Mice That Received Allogenic and Orthotopic Transplants of Cancer Cells.. *International Journal of Molecular Sciences*, **2021**, 22, | 6.3 | 2 |
| 30 | Oxidative stability of lipids rich in EPA and DHA extracted from fermented scallop ovary. *Journal of Food Science*, **2013**, 78, C1348-53 | 3.4 | 1 |
| 29 | Algal Carotenoids as Potent Antioxidants **2011**, 403-414 | | 1 |
| 28 | Brown Seaweed Lipids as Potential Source of Omega-3 PUFA in Biological Systems **2011**, 329-339 | | 1 |
| 27 | Essential Oils: Natural Antimicrobials for Fish Preservation **2010**, 217-225 | | 1 |
| 26 | Value Addition to Seafood Processing Discards **2010**, 390-401 | | 1 |
| 25 | Functional and Nutraceutical Ingredients from Marine Macroalgae **2010**, 508-521 | | 1 |
| 24 | ????????,????????????. *Kagaku To Seibutsu*, **2008**, 46, 483-490 | 0 | 1 |
| 23 | Structures of Dimers Produced from Methyl Linoleate during Initial Stage of Autoxidation. *Agricultural and Biological Chemistry*, **1982**, 46, 2293-2297 | | 1 |

| | | | |
|---|---|---|---|
| 22 | Application of Phospholipases for Highly Functional Phospholipid Preparation **2009**, 317-338 | | 1 |
| 21 | Antioxidant Systems in Squid Eyes **2000**, 49, 53-58,84 | | 1 |
| 20 | Anticancer Effect of Conjugated Linolenic Acids (CLN). *Oleoscience*, **2002**, 2, 333-338,330 | 0.1 | 1 |
| 19 | Carotenoids as a Nutraceutical Therapy for Visceral Obesity **2019**, 459-477 | | 1 |
| 18 | Antioxidant activity toward fish oil triacylglycerols exerted by sphingoid bases isolated from butter serum with Ɛocopherol. *Food Chemistry*, **2021**, 334, 127588 | 8.5 | 1 |
| 17 | The Beneficial Health Effects of Fucoxanthin122-134 | | 0 |
| 16 | Preparation of Phosphatidyl-panthenol by phospholipase D-mediated transphosphatidylation and its anti-inflammatory activity on macrophage-like RAW264.7 cells. *Biocatalysis and Agricultural Biotechnology*, **2020**, 26, 101629 | 4.2 | |
| 15 | Carotenoids as a Nutraceutical Therapy for Visceral Obesity **2014**, 329-340 | | |
| 14 | Substrate and Droplet Size **2013**, 155-176 | | |
| 13 | Synergistic/Additive Health Effects of Fish Oil and Bio-Active Compounds **2011**, 177-203 | | |
| 12 | Role of Marine Foods in Prevention of Obesity **2010**, 402-413 | | |
| 11 | Seafood Enzymes and their Potential Industrial Application **2010**, 522-535 | | |
| 10 | Multi-functional carotenoid in seaweeds: fucoxanthin. *Nippon Suisan Gakkaishi*, **2008**, 74, 261-262 | 0.2 | |
| 9 | Occurrence of Conjugated Cyclopropanoid Acid in Purified Fish Oil. *JAOCS, Journal of the American Oil Chemistsj Society*, **2007**, 84, 749-754 | 1.8 | |
| 8 | Catalytic Effect of Acetic Acid on the Autoxidation of Methyl Linoleate. *Agricultural and Biological Chemistry*, **1987**, 51, 1179-1181 | | |
| 7 | Structural Studies of Polar Dimers in Autoxidized Methyl Linoleate during the Initial Stages of Autoxidation. *Agricultural and Biological Chemistry*, **1984**, 48, 2511-2515 | | |
| 6 | Chemopreventive Effect of Bitter Gourd Seed Oil Rich in Conjugated Linolenic Acid **2006**, 30-41 | | |
| 5 | Dietary Conjugated Linolenic Acid Modifies Body Fat Mass, and Serum and Liver Lipid Levels in Rats **2006**, 92-105 | | |

| | | |
|---|---|---|
| 4 | Synergistic Antioxidant Activity of Sphingoid Base with □Tocopherol on the Oxidation of Highly Unsaturated Fatty Acids. *Oleoscience*, **2018**, 18, 317-324 | 0.1 |
| 3 | Conjugated Linolenic Acids **2015**, 1-2 | |
| 2 | A Simple Method for Preparation of Pure Isomers of Methyl Linoleate Hydroperoxide by Dry Silica Gel Column Chromatography. *Journal of Japan Oil Chemists Society*, **1985**, 34, 1029-1031 | |
| 1 | n-3 Polyunsaturated fatty acid-enriched phosphatidylglycerol suppresses inflammation in RAW264.7 cells through Nrf2 activation via alteration of fatty acids in cellular phospholipids. *Fisheries Science*, **2021**, 87, 727-737 | 1.9 |