

# Kazuo K Miyashita

## List of Publications by Year in descending order

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230  
papers

10,425  
citations

36271

51  
h-index

40954

93  
g-index

243  
all docs

243  
docs citations

243  
times ranked

7253  
citing authors

#	ARTICLE	IF	CITATIONS
1	Fucoxanthin from edible seaweed, <i>Undaria pinnatifida</i> , shows antiobesity effect through UCP1 expression in white adipose tissues. <i>Biochemical and Biophysical Research Communications</i> , 2005, 332, 392-397.	1.0	535
2	Radical Scavenging and Singlet Oxygen Quenching Activity of Marine Carotenoid Fucoxanthin and Its Metabolites. <i>Journal of Agricultural and Food Chemistry</i> , 2007, 55, 8516-8522.	2.4	425
3	Carotenoids Affect Proliferation of Human Prostate Cancer Cells. <i>Journal of Nutrition</i> , 2001, 131, 3303-3306.	1.3	369
4	Fucoxanthin induces apoptosis and enhances the antiproliferative effect of the PPAR $\alpha$ ligand, troglitazone, on colon cancer cells. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2004, 1675, 113-119.	1.1	283
5	Dietary Combination of Fucoxanthin and Fish Oil Attenuates the Weight Gain of White Adipose Tissue and Decreases Blood Glucose in Obese/Diabetic KK-A <sup>ly</sup> Mice. <i>Journal of Agricultural and Food Chemistry</i> , 2007, 55, 7701-7706.	2.4	280
6	Pomegranate seed oil rich in conjugated linolenic acid suppresses chemically induced colon carcinogenesis in rats. <i>Cancer Science</i> , 2004, 95, 481-486.	1.7	247
7	Anti-obesity and anti-diabetic effects of fucoxanthin on diet-induced obesity conditions in a murine model. <i>Molecular Medicine Reports</i> , 2009, 02, 897-902.	1.1	226
8	Study on the oxidative rate and prooxidant activity of free fatty acids. <i>JAOCs, Journal of the American Oil Chemists' Society</i> , 1986, 63, 1380-1384.	0.8	221
9	Dual action of isoprenols from herbal medicines on both PPAR $\beta$ and PPAR $\delta$ in 3T3-L1 adipocytes and HepG2 hepatocytes. <i>FEBS Letters</i> , 2002, 514, 315-322.	1.3	196
10	Fucoxanthin: A Marine Carotenoid Exerting Anti-Cancer Effects by Affecting Multiple Mechanisms. <i>Marine Drugs</i> , 2013, 11, 5130-5147.	2.2	189
11	The allenic carotenoid fucoxanthin, a novel marine nutraceutical from brown seaweeds. <i>Journal of the Science of Food and Agriculture</i> , 2011, 91, 1166-1174.	1.7	185
12	Effects of fucoxanthin on lipopolysaccharide-induced inflammation in vitro and in vivo. <i>Experimental Eye Research</i> , 2005, 81, 422-428.	1.2	183
13	Cytotoxic effect of conjugated trienoic fatty acids on mouse tumor and human monocytic leukemia cells. <i>Lipids</i> , 2001, 36, 477-482.	0.7	168
14	Fucoxanthin regulates adipocytokine mRNA expression in white adipose tissue of diabetic/obese KK-A mice. <i>Archives of Biochemistry and Biophysics</i> , 2010, 504, 17-25.	1.4	162
15	EVALUATION OF RECOVERABLE FUNCTIONAL LIPID COMPONENTS OF SEVERAL BROWN SEAWEEDS (PHAEOPHYTA) FROM JAPAN WITH SPECIAL REFERENCE TO FUCOXANTHIN AND FUCOSTEROL CONTENTS. <i>Journal of Phycology</i> , 2009, 45, 974-980.	1.0	151
16	Single and repeated oral dose toxicity study of fucoxanthin (FX), a marine carotenoid, in mice. <i>Journal of Toxicological Sciences</i> , 2009, 34, 501-510.	0.7	143
17	Fucoxanthin and its metabolite, fucoxanthinol, suppress adipocyte differentiation in 3T3-L1 cells. <i>International Journal of Molecular Medicine</i> , 2006, 18, 147-52.	1.8	140
18	Comparative Antioxidant Activity of Edible Japanese Brown Seaweeds. <i>Journal of Food Science</i> , 2011, 76, C104-11.	1.5	138

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19	Autoxidation of ethyl eicosapentaenoate and docosahexaenoate. <i>JAACS, Journal of the American Oil Chemists' Society</i> , 1987, 64, 876-879.	0.8	136
20	Dietary astaxanthin inhibits colitis and colitis-associated colon carcinogenesis in mice via modulation of the inflammatory cytokines. <i>Chemico-Biological Interactions</i> , 2011, 193, 79-87.	1.7	132
21	Bacterial microflora of carp ( <i>Cyprinus carpio</i> ) and its shelf-life extension by essential oil compounds. <i>Food Microbiology</i> , 2004, 21, 657-666.	2.1	130
22	Oxidative Stability of Polyunsaturated Fatty Acids in an Aqueous Solution. <i>Bioscience, Biotechnology and Biochemistry</i> , 1993, 57, 1638-1640.	0.6	126
23	Bitter gourd seed fatty acid rich in 9c,11t,13t-conjugated linolenic acid induces apoptosis and up-regulates the GADD45, p53 and PPAR $\gamma$ in human colon cancer Caco-2 cells. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2005, 73, 113-119.	1.0	124
24	Chemical and nutritional characteristics of brown seaweed lipids: A review. <i>Journal of Functional Foods</i> , 2013, 5, 1507-1517.	1.6	123
25	Physiological Effects of Eicosapentaenoic Acid (EPA) and Docosahexaenoic Acid (DHA) – A Review. <i>Food Reviews International</i> , 2006, 22, 291-307.	4.3	122
26	Potent inhibitory effect of trans9, trans11 isomer of conjugated linoleic acid on the growth of human colon cancer cells. <i>Journal of Nutritional Biochemistry</i> , 2006, 17, 830-836.	1.9	121
27	Suppressive effects of the marine carotenoids, fucoxanthin and fucoxanthinol on triglyceride absorption in lymph duct-cannulated rats. <i>European Journal of Nutrition</i> , 2010, 49, 243-249.	1.8	107
28	Effect of Medium-chain Triacylglycerols on Anti-obesity Effect of Fucoxanthin. <i>Journal of Oleo Science</i> , 2007, 56, 615-621.	0.6	106
29	Acyclic Carotenoids and Their Oxidation Mixtures Inhibit the Growth of HL-60 Human Promyelocytic Leukemia Cells. <i>Nutrition and Cancer</i> , 2001, 39, 273-283.	0.9	101
30	Dietary Conjugated Linolenic Acid Inhibits Azoxymethane-induced Colonic Aberrant Crypt Foci in Rats. <i>Japanese Journal of Cancer Research</i> , 2002, 93, 133-142.	1.7	100
31	Inhibition of proliferation of a hepatoma cell line by fucoxanthin in relation to cell cycle arrest and enhanced gap junctional intercellular communication. <i>Chemico-Biological Interactions</i> , 2009, 182, 165-172.	1.7	98
32	Fucoxanthin and Fucoxanthinol Enhance the Amount of Docosahexaenoic Acid in the Liver of KKAY Obese/Diabetic Mice. <i>Journal of Agricultural and Food Chemistry</i> , 2007, 55, 5025-5029.	2.4	95
33	Comparative evaluation of growth inhibitory effect of stereoisomers of fucoxanthin in human cancer cell lines. <i>Journal of Functional Foods</i> , 2009, 1, 88-97.	1.6	94
34	Dietary seed oil rich in conjugated linolenic acid from bitter melon inhibits azoxymethane-induced rat colon carcinogenesis through elevation of colonic PPAR $\gamma$ expression and alteration of lipid composition. <i>International Journal of Cancer</i> , 2004, 110, 896-901.	2.3	90
35	Fucoxanthin promotes translocation and induction of glucose transporter 4 in skeletal muscles of diabetic/obese KK-A mice. <i>Phytomedicine</i> , 2012, 19, 389-394.	2.3	87
36	Effect of Brown Seaweed Lipids on Fatty Acid Composition and Lipid Hydroperoxide Levels of Mouse Liver. <i>Journal of Agricultural and Food Chemistry</i> , 2011, 59, 4156-4163.	2.4	86

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37	Suppressive Effect of Neoxanthin on the Differentiation of 3T3-L1 Adipose Cells. <i>Journal of Oleo Science</i> , 2008, 57, 345-351.	0.6	84
38	Seasonal variations of total lipids, fatty acid composition, and fucoxanthin contents of <i>Sargassum horneri</i> (Turner) and <i>Cystoseira hakodatensis</i> (Yendo) from the northern seashore of Japan. <i>Journal of Applied Phycology</i> , 2013, 25, 1159-1169.	1.5	83
39	Suppressive Effects of Amarouciaxanthin A on 3T3-L1 Adipocyte Differentiation through Down-regulation of PPAR $\alpha$ and C/EBP $\beta$ mRNA Expression. <i>Journal of Agricultural and Food Chemistry</i> , 2011, 59, 1646-1652.	2.4	77
40	Fucoxanthin and its metabolite, fucoxanthinol, suppress adipocyte differentiation in 3T3-L1 cells. <i>International Journal of Molecular Medicine</i> , 2006, 18, 147.	1.8	76
41	Nutraceutical characteristics of the brown seaweed carotenoid fucoxanthin. <i>Archives of Biochemistry and Biophysics</i> , 2020, 686, 108364.	1.4	74
42	Inhibition properties of dipeptides from salmon muscle hydrolysate on angiotensin I-converting enzyme. <i>International Journal of Food Science and Technology</i> , 2006, 41, 383-386.	1.3	73
43	Oxidative Stability of Polyunsaturated Fatty Acid in Phosphatidylcholine Liposomes. <i>Bioscience, Biotechnology and Biochemistry</i> , 2002, 66, 2573-2577.	0.6	72
44	Halocynthiaxanthin and fucoxanthinol isolated from <i>Halocynthia roretzi</i> induce apoptosis in human leukemia, breast and colon cancer cells. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2006, 142, 53-59.	1.3	72
45	Lipids, Fatty Acids, and Fucoxanthin Content from Temperate and Tropical Brown Seaweeds. <i>Aquatic Procedia</i> , 2016, 7, 66-75.	0.9	70
46	Fucoxanthinol, Metabolite of Fucoxanthin, Improves Obesity-Induced Inflammation in Adipocyte Cells. <i>Marine Drugs</i> , 2015, 13, 4799-4813.	2.2	65
47	Function of Marine Carotenoids. <i>Forum of Nutrition</i> , 2009, 61, 136-146.	3.7	64
48	Anticancer effects of fucoxanthin and fucoxanthinol on colorectal cancer cell lines and colorectal cancer tissues. <i>Oncology Letters</i> , 2015, 10, 1463-1467.	0.8	61
49	The carotenoid fucoxanthin from brown seaweed affects obesity. <i>Lipid Technology</i> , 2009, 21, 186-190.	0.3	55
50	Effects of dietary fucoxanthin on cholesterol metabolism in diabetic/obese KK-A y mice. <i>Lipids in Health and Disease</i> , 2012, 11, 112.	1.2	55
51	Effective Prevention of Oxidative Deterioration of Fish Oil: Focus on Flavor Deterioration. <i>Annual Review of Food Science and Technology</i> , 2018, 9, 209-226.	5.1	55
52	Preservative effect of combined treatment with electrolyzed NaCl solutions and essential oil compounds on carp fillets during convectional air-drying. <i>International Journal of Food Microbiology</i> , 2006, 106, 331-337.	2.1	52
53	In vitro and in vivo evaluation of mutagenicity of fucoxanthin (FX) and its metabolite fucoxanthinol (FXOH). <i>Journal of Toxicological Sciences</i> , 2009, 34, 693-698.	0.7	52
54	Dietary Effects of Bitter Gourd Oil on Blood and Liver Lipids of Rats. <i>Archives of Biochemistry and Biophysics</i> , 2001, 396, 207-212.	1.4	51

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55	Oxidative stability of salmon and herring roe lipids and their dietary effect on plasma cholesterol levels of rats. <i>Fisheries Science</i> , 2007, 73, 668-674.	0.7	49
56	ANALYSIS OF FUCOXANTHIN CONTENT AND PURIFICATION OF ALL-TRANS-FUCOXANTHIN FROM <i>Turbinaria turbinata</i> AND <i>Sargassum plagyophyllum</i> BY SiO <sub>2</sub> OPEN COLUMN CHROMATOGRAPHY AND REVERSED PHASE-HPLC. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2013, 36, 1340-1354.	0.5	47
57	Comparative Evaluation of Fatty Acid Composition of Different <i>Sargassum</i> (Fucales, Phaeophyta) Species Harvested from Temperate and Tropical Waters. <i>Journal of Aquatic Food Product Technology</i> , 2005, 13, 53-70.	0.6	46
58	Fatty Acid and Lipid Class Composition of the Microalga <i>Phaeodactylum tricornutum</i> . <i>Journal of Oleo Science</i> , 2017, 66, 363-368.	0.6	45
59	Down-regulation of Hepatic Stearoyl-CoA Desaturase-1 Expression by Fucoxanthin via Leptin Signaling in Diabetic/Obese Mice. <i>Lipids</i> , 2013, 48, 449-455.	0.7	44
60	Antiobesity Effects of <i>Undaria</i> Lipid Capsules Prepared with Scallop Phospholipids. <i>Journal of Food Science</i> , 2011, 76, H2-6.	1.5	43
61	Enhancement of hepatic docosahexaenoic acid and arachidonic acid contents in C57BL/6J mice by dietary fucoxanthin. <i>Fisheries Science</i> , 2009, 75, 261-263.	0.7	42
62	Fucoxanthin Extractions of Brown Seaweeds and Analysis of Their Lipid Fraction in Methanol. <i>Food Science and Technology Research</i> , 2012, 18, 251-257.	0.3	41
63	Tocopherol content of Japanese algae and its seasonal variation.. <i>Agricultural and Biological Chemistry</i> , 1987, 51, 3115-3118.	0.3	39
64	Cancer Chemopreventive Ability of Conjugated Linolenic Acids. <i>International Journal of Molecular Sciences</i> , 2011, 12, 7495-7509.	1.8	39
65	Seasonal variation in nutritional composition and anti-proliferative activity of brown seaweed, <i>Sargassum oligocystum</i> . <i>Journal of Applied Phycology</i> , 2018, 30, 101-111.	1.5	39
66	Effect of Droplet Size on the Oxidative Stability of Soybean Oil TAG and Fish Oil TAG in Oil-in-Water Emulsion. <i>Journal of Oleo Science</i> , 2009, 58, 329-338.	0.6	38
67	Dimers formed in oxygenated methyl linoleate hydroperoxides. <i>Lipids</i> , 1985, 20, 578-587.	0.7	37
68	Conjugated Linoleic Acid Deteriorates Insulin Resistance in Obese/Diabetic Mice in Association with Decreased Production of Adiponectin and Leptin. <i>Journal of Nutritional Science and Vitaminology</i> , 2004, 50, 416-421.	0.2	37
69	Effects of pepsin and trypsin on the anti-adipogenic action of lactoferrin against pre-adipocytes derived from rat mesenteric fat. <i>British Journal of Nutrition</i> , 2011, 105, 200-211.	1.2	37
70	Reduction of HbA1c levels by fucoxanthin-enriched akamoku oil possibly involves the thrifty allele of uncoupling protein 1 ( <i>UCP1</i> ): a randomised controlled trial in normal-weight and obese Japanese adults. <i>Journal of Nutritional Science</i> , 2017, 6, e5.	0.7	37
71	Occurrence of Conjugated Polyenoic Fatty Acids in Seaweeds from the Indian Ocean. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2004, 59, 310-314.	0.6	35
72	Suppressive Effects of Alloxanthin and Diatoxanthin from <i>Halocynthia roretzi</i> on LPS-induced Expression of Pro-inflammatory Genes in RAW264.7 Cells. <i>Journal of Oleo Science</i> , 2008, 57, 181-189.	0.6	35

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73	Effect of Caffeine and Capsaicin on the Blood Glucose Levels of Obese/Diabetic KK-Ay Mice. <i>Journal of Oleo Science</i> , 2012, 61, 515-523.	0.6	35
74	Fucoxanthin in the management of obesity and its related disorders. <i>Journal of Functional Foods</i> , 2017, 36, 195-202.	1.6	35
75	Fucoxanthin potentiates anoikis in colon mucosa and prevents carcinogenesis in AOM/DSS model mice. <i>Journal of Nutritional Biochemistry</i> , 2019, 64, 198-205.	1.9	35
76	Oxidative Stability of Liposomes Prepared from Soybean PC, Chicken Egg PC, and Salmon Egg PC. <i>Bioscience, Biotechnology and Biochemistry</i> , 1997, 61, 1736-1738.	0.6	34
77	Bovine lactoferrin reduces visceral fat and liver triglycerides in ICR mice. <i>Journal of Oleo Science</i> , 2013, 62, 97-103.	0.6	34
78	Paradox of omega-3 PUFA oxidation. <i>European Journal of Lipid Science and Technology</i> , 2014, 116, 1268-1279.	1.0	34
79	Spatial and seasonal variations in the biofunctional lipid substances (fucoxanthin and fucosterol) of the laboratory-grown edible Japanese seaweed ( <i>Sargassum horneri</i> Turner) cultured in the open sea. <i>Saudi Journal of Biological Sciences</i> , 2017, 24, 1475-1482.	1.8	34
80	Fucoxanthin inhibits hepatic oxidative stress, inflammation, and fibrosis in diet-induced nonalcoholic steatohepatitis model mice. <i>Biochemical and Biophysical Research Communications</i> , 2020, 528, 305-310.	1.0	34
81	Growth inhibition and apoptosis induction by all-trans-conjugated linolenic acids on human colon cancer cells. <i>Anticancer Research</i> , 2006, 26, 1855-60.	0.5	34
82	Antioxidant activity of polar carotenoids including astaxanthin-beta-glucoside from marine bacterium on PC liposomes. <i>Fisheries Science</i> , 2000, 66, 980-985.	0.7	33
83	Oxidative stability of lipids from squid tissues. <i>Fisheries Science</i> , 2001, 67, 738-743.	0.7	33
84	Dietary Fucoxanthin Induces Anoikis in Colorectal Adenocarcinoma by Suppressing Integrin Signaling in a Murine Colorectal Cancer Model. <i>Journal of Clinical Medicine</i> , 2020, 9, 90.	1.0	33
85	Alteration of fecal microbiota by fucoxanthin results in prevention of colorectal cancer in AOM/DSS mice. <i>Carcinogenesis</i> , 2021, 42, 210-219.	1.3	33
86	Comparative Study on the Oxidative Stability of Phosphatidylcholines from Salmon Egg and Soybean in an Aqueous Solution. <i>Bioscience, Biotechnology and Biochemistry</i> , 1994, 58, 1772-1775.	0.6	32
87	Comparative study of the product components of lipid oxidation in aqueous and organic systems. <i>Chemistry and Physics of Lipids</i> , 2003, 126, 111-120.	1.5	31
88	Antioxidative Activity of a Cathodic Solution Produced by the Electrolysis of a Dilute NaCl Solution. <i>Bioscience, Biotechnology and Biochemistry</i> , 1999, 63, 421-423.	0.6	30
89	Occurrence of Conjugated Linolenic Acid in Flesh and Seed of Bitter Gourd.. <i>Journal of Oleo Science</i> , 2001, 50, 753-758.	0.6	30
90	Variation in Lipid Components from 15 Species of Tropical and Temperate Seaweeds. <i>Marine Drugs</i> , 2019, 17, 630.	2.2	30

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91	Production of phosphatidylcholine containing conjugated linoleic acid mediated by phospholipase A2. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2006, 41, 92-96.	1.8	29
92	Unsaturated Phosphatidylethanolamine as Effective Synergist in Combination with .ALPHA.-Tocopherol. <i>Journal of Oleo Science</i> , 2007, 56, 511-516.	0.6	29
93	Carotenoid Profile of Edible Japanese Seaweeds: An Improved HPLC Method for Separation of Major Carotenoids. <i>Journal of Aquatic Food Product Technology</i> , 2012, 21, 468-479.	0.6	29
94	Fabrication of Fucoxanthin-Loaded Microsphere(F-LM) By Two Steps Double-Emulsion Solvent Evaporation Method and Characterization of Fucoxanthin before and after Microencapsulation. <i>Journal of Oleo Science</i> , 2016, 65, 641-653.	0.6	29
95	Docosapentaenoic Acid (22:5n-3) Downregulates mRNA Expression of Pro-inflammatory Factors in LPS-activated Murine Macrophage Like RAW264.7 Cells. <i>Journal of Oleo Science</i> , 2017, 66, 1149-1156.	0.6	29
96	Formation of dimers during the initial stage of autoxidation in methyl linoleate.. <i>Agricultural and Biological Chemistry</i> , 1982, 46, 751-755.	0.3	28
97	Dietary Combination of Fish Oil and Taurine Decreases Fat Accumulation and Ameliorates Blood Glucose Levels in Type 2 Diabetic/Obese Mice. <i>Journal of Food Science</i> , 2012, 77, H114-20.	1.5	28
98	Synthesis of novel phospholipids that bind phenylalkanols and hydroquinone via phospholipase D-catalyzed transphosphatidylation. <i>New Biotechnology</i> , 2011, 28, 1-6.	2.4	27
99	Synergistic Antioxidant Activity of Milk Sphingomyeline and Its Sphingoid Base with Î±-Tocopherol on Fish Oil Triacylglycerol. <i>Journal of Agricultural and Food Chemistry</i> , 2013, 61, 7969-7975.	2.4	27
100	Oxidative Stability of Free Fatty Acid Mixtures from Soybean, Linseed, and Sardine Oils in an Aqueous Solution. <i>Fisheries Science</i> , 1994, 60, 315-318.	0.7	26
101	Lipid Profiles and Oxidative Stability of Silkworm Pupal Oil., <i>Journal of Oleo Science</i> , 2002, 51, 681-690.	0.6	26
102	Lipid Peroxidation of a Human Hepatoma Cell Line (HepG2) after Incorporation of Linoleic Acid, Arachidonic Acid, and Docosahexaenoic Acid. <i>Bioscience, Biotechnology and Biochemistry</i> , 2005, 69, 483-490.	0.6	26
103	New C <sub>37</sub> Skeletal Carotenoid from the Clam, <i>Paphia amabilis</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2008, 56, 12069-12072.	2.4	26
104	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). <i>Journal of Functional Foods</i> , 2011, 3, 313-320.	1.6	26
105	Combined effect of astaxanthin and squalene on oxidative stress in vivo. <i>Molecular and Cellular Biochemistry</i> , 2016, 417, 57-65.	1.4	26
106	Induction of Anoikis in Human Colorectal Cancer Cells by Fucoxanthinol. <i>Nutrition and Cancer</i> , 2017, 69, 1043-1052.	0.9	26
107	A marine bio-functional lipid, fucoxanthinol, attenuates human colorectal cancer stem-like cell tumorigenicity and sphere formation. <i>Journal of Clinical Biochemistry and Nutrition</i> , 2017, 61, 25-32.	0.6	26
108	Carotenoid Profiling of a Red Seaweed <i>Pyropia yezoensis</i> : Insights into Biosynthetic Pathways in the Order Bangiales. <i>Marine Drugs</i> , 2018, 16, 426.	2.2	26

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109	Fucoxanthin and Colorectal Cancer Prevention. <i>Cancers</i> , 2021, 13, 2379.	1.7	26
110	Preparation of Phosphatidylated Terpenes via Phospholipase D-Mediated Transphosphatidylation. <i>JAACS, Journal of the American Oil Chemists' Society</i> , 2008, 85, 313.	0.8	25
111	Glycine and succinic acid are effective indicators of the suppression of epithelial-mesenchymal transition by fucoxanthin in colorectal cancer stem-like cells. <i>Oncology Reports</i> , 2018, 40, 414-424.	1.2	25
112	Effective extraction of carotenoids from brown seaweeds and vegetable leaves with edible oils. <i>Innovative Food Science and Emerging Technologies</i> , 2020, 60, 102302.	2.7	25
113	Comparative study of the autoxidation of TAG containing conjugated and nonconjugated C18 PUFA. <i>JAACS, Journal of the American Oil Chemists' Society</i> , 2004, 81, 563-569.	0.8	24
114	Aqueous Oxidation of Ethyl Linoleate, Ethyl Linolenate, and Ethyl Docosahexaenoate. <i>Bioscience, Biotechnology and Biochemistry</i> , 1997, 61, 281-285.	0.6	23
115	The Oxidative Stabilities of Polyunsaturated Fatty Acids in Salmon Egg Phosphatidylcholine Liposomes. <i>Fisheries Science</i> , 1998, 64, 282-286.	0.7	23
116	Effects of emulsifiers on the oxidative stability of soybean oil TAG in emulsions. <i>JAACS, Journal of the American Oil Chemists' Society</i> , 2002, 79, 567-570.	0.8	23
117	Catalpa seed oil rich in 9t,11t,13c-conjugated linolenic acid suppresses the development of colonic aberrant crypt foci induced by azoxymethane in rats. <i>Oncology Reports</i> , 2006, 16, 989-96.	1.2	23
118	Oxidative stability of Triglycerides from Orbital Fat of Tuna and Soybean Oil in an Emulsion. <i>Fisheries Science</i> , 1995, 61, 273-275.	0.7	22
119	9trans,11trans Conjugated Linoleic Acid Inhibits the Development of Azoxymethane-Induced Colonic Aberrant Crypt Foci in Rats. <i>Nutrition and Cancer</i> , 2007, 59, 82-91.	0.9	22
120	Oxidative Stability of Glyceroglycolipids Containing Polyunsaturated Fatty Acids. <i>Journal of Oleo Science</i> , 2012, 61, 505-513.	0.6	22
121	Bioactive significance of fucoxanthin and its effective extraction. <i>Biocatalysis and Agricultural Biotechnology</i> , 2020, 26, 101639.	1.5	22
122	Antioxidant Activity of Water Extracts from Fish Eggs on PC Liposomes.. <i>Nippon Suisan Gakkaishi</i> , 1999, 65, 488-494.	0.0	21
123	Potent Lipolytic Activity of Lactoferrin in Mature Adipocytes. <i>Bioscience, Biotechnology and Biochemistry</i> , 2013, 77, 566-571.	0.6	20
124	Effect of Spirulina lipids on high-fat and high-sucrose diet induced obesity and hepatic lipid accumulation in C57BL/6J mice. <i>Journal of Functional Foods</i> , 2020, 65, 103741.	1.6	20
125	Total Lipids Content, Lipid Class and Fatty Acid Composition of Ten Species of Microalgae. <i>Journal of Oleo Science</i> , 2020, 69, 1181-1189.	0.6	20
126	Autoxidation of ethyl eicosapentaenoate and docosahexaenoate under light irradiation.. <i>Nippon Suisan Gakkaishi</i> , 1987, 53, 813-817.	0.0	19



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127	Oxidized Ethyl Linoleate Induces Mucosal Hypertrophy of the Large Intestine and Affects Cecal Fermentation of Dietary Fiber in Rats. <i>Journal of Nutrition</i> , 1996, 126, 800-806.	1.3	19
128	Synthesis of phosphatidylated-monoterpene alcohols catalyzed by phospholipase D and their antiproliferative effects on human cancer cells. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2008, 18, 4044-4046.	1.0	19
129	Stability of Fucoxanthin in Dried <i>Undaria Pinnatifida</i> (Wakame) and Baked Products (Scones) Containing Wakame Powder. <i>Food Science and Technology Research</i> , 2012, 18, 687-693.	0.3	19
130	Regulation of Apoptosis Through Arachidonate Cascade in Mammalian Cells. <i>Applied Biochemistry and Biotechnology</i> , 2002, 102-103, 239-250.	1.4	18
131	Separation of Sardine Oil without Heating from Surimi Waste and Its Effect on Lipid Metabolism in Rats. <i>Journal of Agricultural and Food Chemistry</i> , 2004, 52, 2372-2375.	2.4	18
132	Occurrence of Conjugated Linolenic Acids in Purified Soybean Oil. <i>JAOCS, Journal of the American Oil Chemists' Society</i> , 2007, 84, 23-29.	0.8	18
133	Nitrocapsanthin and Nitrofucoxanthin, Respective Products of Capsanthin and Fucoxanthin Reaction with Peroxynitrite. <i>Journal of Agricultural and Food Chemistry</i> , 2011, 59, 10572-10578.	2.4	18
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