

Kiyotaka Nakagawa

List of Publications by Year in descending order

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Version: 2024-02-01

183
papers

5,927
citations

61984

43
h-index

98798

67
g-index

186
all docs

186
docs citations

186
times ranked

6005
citing authors

#	ARTICLE	IF	CITATIONS
1	A comprehensive review on the production, pharmacokinetics and health benefits of mulberry leaf iminosugars: Main focus on 1-deoxynojirimycin, d-fagomine, and 2-O-É ² -d-galactopyranosyl-DNJ. <i>Critical Reviews in Food Science and Nutrition</i> , 2023, 63, 3468-3496.	10.3	9
2	Lipidomics and Redox Lipidomics Indicate Early Stage Alcohol-Induced Liver Damage. <i>Hepatology Communications</i> , 2022, 6, 513-525.	4.3	6
3	The inhibition of interaction with serum albumin enhances the physiological activity of curcumin by increasing its cellular uptake. <i>Food and Function</i> , 2022, 13, 639-648.	4.6	5
4	Total Synthesis of the Broad-Spectrum Antibiotic Amycolamicin. <i>Journal of the American Chemical Society</i> , 2022, 144, 5253-5257.	13.7	11
5	Cellular concentrations of plasmalogen species containing a polyunsaturated fatty acid significantly increase under hypoxia in human colorectal cancer, Caco2 cells. <i>Biochemical and Biophysical Research Communications</i> , 2022, 611, 1-7.	2.1	4
6	Determination of acrolein generation pathways from linoleic acid and linolenic acid: increment by photo irradiation. <i>Npj Science of Food</i> , 2022, 6, 21.	5.5	12
7	Unique Structural Information Obtained from Metal Adducts on Mass Spectrometry. <i>Oleoscience</i> , 2022, 22, 287-295.	0.0	0
8	Improving water dispersibility and bioavailability of luteolin using microemulsion system. <i>Scientific Reports</i> , 2022, 12, .	3.3	6
9	Isolation and structural elucidation of unique ¹³ C-oryzanol species in rice bran oil. <i>Food Chemistry</i> , 2021, 337, 127956.	8.2	12
10	Dietary PlsEtn Ameliorates Colon Mucosa Inflammatory Stress and ACF in DMH -Induced Colon Carcinogenesis Mice: Protective Role of Vinyl Ether Linkage. <i>Lipids</i> , 2021, 56, 167-180.	1.7	6
11	Absorption Kinetics of Ethanolamine Plasmalogen and Its Hydrolysate in Mice. <i>Journal of Oleo Science</i> , 2021, 70, 263-273.	1.4	9
12	Lipidomic Analysis of Postmortem Prefrontal Cortex Phospholipids Reveals Changes in Choline Plasmalogen Containing Docosahexaenoic Acid and Stearic Acid Between Cases With and Without Alzheimer's Disease. <i>NeuroMolecular Medicine</i> , 2021, 23, 161-175.	3.4	18
13	Ethanolamine Plasmalogen Suppresses Apoptosis in Human Intestinal Tract Cells <i>in Vitro</i> by Attenuating Induced Inflammatory Stress. <i>ACS Omega</i> , 2021, 6, 3140-3148.	3.5	16
14	Synthesis of a plasmenylethanolamine. <i>Bioscience, Biotechnology and Biochemistry</i> , 2021, 85, 1383-1389.	1.3	3
15	Linoleic acid and squalene are oxidized by discrete oxidation mechanisms in human sebum. <i>Annals of the New York Academy of Sciences</i> , 2021, 1500, 112-121.	3.8	5
16	A Critical Review of the Use of Surfactant-Coated Nanoparticles in Nanomedicine and Food Nanotechnology. <i>International Journal of Nanomedicine</i> , 2021, Volume 16, 3937-3999.	6.7	77
17	A Novel Technique for Redox Lipidomics Using Mass Spectrometry: Application on Vegetable Oils Used to Fry Potatoes. <i>Journal of the American Society for Mass Spectrometry</i> , 2021, 32, 1798-1809.	2.8	5
18	Structural Analysis of Lipid Hydroperoxides Using Mass Spectrometry with Alkali Metals. <i>Journal of the American Society for Mass Spectrometry</i> , 2021, 32, 2399-2409.	2.8	15

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19	Investigation of Lipoproteins Oxidation Mechanisms by the Analysis of Lipid Hydroperoxide Isomers. Antioxidants, 2021, 10, 1598.	5.1	7
20	Dietary Ethanolamine Plasmalogen Alleviates DSS-Induced Colitis by Enhancing Colon Mucosa Integrity, Antioxidative Stress, and Anti-inflammatory Responses via Increased Ethanolamine Plasmalogen Molecular Species: Protective Role of Vinyl Ether Linkages. Journal of Agricultural and Food Chemistry, 2021, 69, 13034-13044.	5.2	6
21	Novel Photoinduced Squalene Cyclic Peroxide Identified, Detected, and Quantified in Human Skin Surface Lipids. Antioxidants, 2021, 10, 1760.	5.1	6
22	Evaluation and development of a novel pre-treatment method for mulberry leaves to enhance their bioactivity via enzymatic degradation of GAL-DNJ to DNJ. Food and Function, 2021, 12, 12250-12255.	4.6	0
23	Analysis of oxidation products of α -tocopherol in extra virgin olive oil using liquid chromatography-tandem mass spectrometry. Food Chemistry, 2020, 306, 125582.	8.2	19
24	Drugs Repurposed as Antiferroptosis Agents Suppress Organ Damage, Including AKI, by Functioning as Lipid Peroxyl Radical Scavengers. Journal of the American Society of Nephrology: JASN, 2020, 31, 280-296.	6.1	95
25	Direct Separation of the Diastereomers of Cholesterol Ester Hydroperoxide Using LC-MS/MS to Evaluate Enzymatic Lipid Oxidation. Symmetry, 2020, 12, 1127.	2.2	5
26	Revealing the thermal oxidation stability and its mechanism of rice bran oil. Scientific Reports, 2020, 10, 14091.	3.3	16
27	Structural changes of ethanolamine plasmalogen during intestinal absorption. Food and Function, 2020, 11, 8068-8076.	4.6	11
28	Supplementation of <i>Bacillus amyloliquefaciens</i> AS385 culture broth powder containing 1-deoxynojirimycin in a high-fat diet altered the gene expressions related to lipid metabolism and insulin signaling in mice epididymal white adipose tissue. Food and Function, 2020, 11, 3926-3940.	4.6	9
29	Oxytocin Ameliorates Impaired Behaviors of High Fat Diet-Induced Obese Mice. Frontiers in Endocrinology, 2020, 11, 379.	3.5	15
30	Ferroptosis driven by radical oxidation of n-6 polyunsaturated fatty acids mediates acetaminophen-induced acute liver failure. Cell Death and Disease, 2020, 11, 144.	6.3	166
31	Metabolic and pathologic profiles of human LSS deficiency recapitulated in mice. PLoS Genetics, 2020, 16, e1008628.	3.5	21
32	Kinetic Study of Singlet-Oxygen Quenching and Aroxyl-Radical Scavenging Activities of Vitamin E Homologs and Fatty Acids Present in Vegetable Oils. Journal of Oleo Science, 2020, 69, 7-22.	1.4	1
33	Intestinal Absorption and Tissue Distribution of Aza-Sugars from Mulberry Leaves and Evaluation of Their Transport by Sugar Transporters. Journal of Agricultural and Food Chemistry, 2020, 68, 6656-6663.	5.2	7
34	Effects of Sphingolipid Fractions from Golden Oyster Mushroom (<i>Pleurotus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 147 Td (citri vitro; Model. Journal of Oleo Science, 2020, 69, 1087-1093.	1.4	7
35	Metabolic and pathologic profiles of human LSS deficiency recapitulated in mice. , 2020, 16, e1008628.		0
36	Metabolic and pathologic profiles of human LSS deficiency recapitulated in mice. , 2020, 16, e1008628.		0

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37	Metabolic and pathologic profiles of human LSS deficiency recapitulated in mice. , 2020, 16, e1008628.		0
38	Metabolic and pathologic profiles of human LSS deficiency recapitulated in mice. , 2020, 16, e1008628.		0
39	Metabolic and pathologic profiles of human LSS deficiency recapitulated in mice. , 2020, 16, e1008628.		0
40	Metabolic and pathologic profiles of human LSS deficiency recapitulated in mice. , 2020, 16, e1008628.		0
41	Randomized controlled trial of a water-soluble formulation of lutein in humans. Bioscience, Biotechnology and Biochemistry, 2019, 83, 2372-2374.	1.3	2
42	Absorption and Metabolism of $\hat{1}^3$ -Oryzanol, a Characteristic Functional Ingredient in Rice Bran. Journal of Nutritional Science and Vitaminology, 2019, 65, S180-S184.	0.6	16
43	Evaluation of squalene oxidation mechanisms in human skin surface lipids and shark liver oil supplements. Annals of the New York Academy of Sciences, 2019, 1457, 158-165.	3.8	11
44	Definitive evidence of the presence of 24-methylenecycloartanyl ferulate and 24-methylenecycloartanyl caffeate in barley. Scientific Reports, 2019, 9, 12572.	3.3	9
45	Kinetic Study of the Quenching Reaction of Singlet Oxygen by Eight Vegetable Oils in Solution. Journal of Oleo Science, 2019, 68, 21-31.	1.4	3
46	Vitamin E: Regulatory Redox Interactions. IUBMB Life, 2019, 71, 430-441.	3.4	162
47	Evaluation of lipid oxidation mechanisms in beverages and cosmetics via analysis of lipid hydroperoxide isomers. Scientific Reports, 2019, 9, 7387.	3.3	17
48	Comparison of Blood Profiles of $\hat{1}^3$ -Oryzanol and Ferulic Acid in Rats after Oral Intake of $\hat{1}^3$ -Oryzanol. Nutrients, 2019, 11, 1174.	4.1	6
49	Physiological Effects and Organ Distribution of <i>Bacillus amyloliquefaciens</i> AS385 Culture Broth Powder Containing 1-Deoxynojirimycin in C57BL/6J Mice. Journal of Nutritional Science and Vitaminology, 2019, 65, 157-163.	0.6	2
50	The differential cellular uptake of curcuminoids in vitro depends dominantly on albumin interaction. Phytomedicine, 2019, 59, 152902.	5.3	15
51	Decrease in Intramuscular Levels of Phosphatidylethanolamine Bearing Arachidonic Acid During Postmortem Aging Depends on Meat Cuts and Breed. European Journal of Lipid Science and Technology, 2019, 121, 1800370.	1.5	8
52	Significance of Squalene in Rice Bran Oil and Perspectives on Squalene Oxidation. Journal of Nutritional Science and Vitaminology, 2019, 65, S62-S66.	0.6	20
53	Evaluation of $\hat{1}^3$ -oryzanol Accumulation and Lipid Metabolism in the Body of Mice Following Long-Term Administration of $\hat{1}^3$ -oryzanol. Nutrients, 2019, 11, 104.	4.1	16
54	Estimation of lipid oxidation mechanisms by structural analysis of lipid hydroperoxides: focus on squalene oxidation. Journal of Lipid Nutrition, 2019, 28, 40.	0.1	0

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55	Identification of OsGGR2, a second geranylgeranyl reductase involved in Î±-tocopherol synthesis in rice. <i>Scientific Reports</i> , 2018, 8, 1870.	3.3	18
56	Determination of triacylglycerol oxidation mechanisms in canola oil using liquid chromatographyâ€”tandem mass spectrometry. <i>Npj Science of Food</i> , 2018, 2, 1.	5.5	81
57	Amadori-glycated phosphatidylethanolamine enhances the physical stability and selective targeting ability of liposomes. <i>Royal Society Open Science</i> , 2018, 5, 171249.	2.4	8
58	HPLCâ€”MS/MS: A potential method to track the <i>in vivo</i> degradation of zeinâ€”based biomaterial. <i>Journal of Biomedical Materials Research - Part A</i> , 2018, 106, 606-613.	4.0	8
59	Determination of pyrroloquinoline quinone by enzymatic and LC-MS/MS methods to clarify its levels in foods. <i>PLoS ONE</i> , 2018, 13, e0209700.	2.5	15
60	Absorption and Metabolism of Luteolin in Rats and Humans in Relation to <i>in Vitro</i> Anti-inflammatory Effects. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 11320-11329.	5.2	50
61	Effects of Extraction Methods on Phytochemicals of Rice Bran Oils Produced from Colored Rice. <i>Journal of Oleo Science</i> , 2018, 67, 135-142.	1.4	17
62	Effects of Dietary Supplementation of Astaxanthin and Sesamin on Daily Fatigue: A Randomized, Double-Blind, Placebo-Controlled, Two-Way Crossover Study. <i>Nutrients</i> , 2018, 10, 281.	4.1	42
63	Modulation of Telomerase Activity in Cancer Cells by Dietary Compounds: A Review. <i>International Journal of Molecular Sciences</i> , 2018, 19, 478.	4.1	30
64	Curcumin and piperine supplementation of obese mice under caloric restriction modulates body fat and interleukin-1Î². <i>Nutrition and Metabolism</i> , 2018, 15, 12.	3.0	33
65	Kinetic Study of the Scavenging Reaction of the Aroxyl Radical by Eight Kinds of Vegetable Oils in Solution. <i>JAACS, Journal of the American Oil Chemists' Society</i> , 2018, 95, 731-742.	1.9	3
66	Evaluation of the anti-hyperglycemic effect and safety of microorganism 1-deoxynojirimycin. <i>PLoS ONE</i> , 2018, 13, e0199057.	2.5	17
67	Development of quantitation method for glycated aminophospholipids at the molecular species level in powdered milk and powdered buttermilk. <i>Scientific Reports</i> , 2018, 8, 8729.	3.3	17
68	Oxidation of squalene by singlet oxygen and free radicals results in different compositions of squalene monohydroperoxide isomers. <i>Scientific Reports</i> , 2018, 8, 9116.	3.3	33
69	Plasma Phosphatidylethanolamine and Triacylglycerol Fatty Acid Concentrations are Altered in Major Depressive Disorder Patients with Seasonal Pattern. <i>Lipids</i> , 2017, 52, 559-571.	1.7	14
70	Oral Administration of Ethanolamine Glycerophospholipid Containing a High Level of Plasmalogen Improves Memory Impairment in Amyloid Î²â€”Infused Rats. <i>Lipids</i> , 2017, 52, 575-585.	1.7	40
71	A novel chiral stationary phase LC-MS/MS method to evaluate oxidation mechanisms of edible oils. <i>Scientific Reports</i> , 2017, 7, 10026.	3.3	29
72	High purity tocotrienols attenuate atherosclerotic lesion formation in apoE-KO mice. <i>Journal of Nutritional Biochemistry</i> , 2017, 48, 44-50.	4.2	10

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73	Modulation of cAMP levels by high-fat diet and curcumin and regulatory effects on CD36/FAT scavenger receptor/fatty acids transporter gene expression. <i>BioFactors</i> , 2017, 43, 42-53.	5.4	40
74	Accurate quantitation of choline and ethanolamine plasmalogen molecular species in human plasma by liquid chromatography-tandem mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017, 134, 77-85.	2.8	35
75	Lactose Increases the Production of 1-deoxynojirimycin in <i>Bacillus amyloliquefaciens</i> . <i>Food Science and Technology Research</i> , 2017, 23, 349-353.	0.6	18
76	Analysis of Lutein in Mugwort (<i>Artemisia princeps</i> Pamp.) Paste and Evaluation of Manufacturing Processes. <i>Journal of Oleo Science</i> , 2017, 66, 1257-1262.	1.4	1
77	Mass Spectrometric Discrimination of Squalene Monohydroperoxide Isomers. <i>Journal of Oleo Science</i> , 2017, 66, 227-234.	1.4	21
78	Evaluation of the Mechanisms of Mayonnaise Phospholipid Oxidation. <i>Journal of Oleo Science</i> , 2017, 66, 369-374.	1.4	11
79	High-fat Diet Increases Phospholipid Peroxidation in the Liver of Mature Fischer 344 Rats. <i>Journal of Oleo Science</i> , 2017, 66, 607-614.	1.4	1
80	Intake of mulberry 1-deoxynojirimycin prevents colorectal cancer in mice. <i>Journal of Clinical Biochemistry and Nutrition</i> , 2017, 61, 47-52.	1.4	32
81	Alterations in the Levels of Amyloid- β^2 , Phospholipid Hydroperoxide, and Plasmalogen in the Blood of Patients with Alzheimer's Disease: Possible Interactions between Amyloid- β^2 and These Lipids. <i>Journal of Alzheimer's Disease</i> , 2016, 50, 527-537.	2.6	45
82	Metabolic fate of poly-(lactic-co-glycolic acid)-based curcumin nanoparticles following oral administration. <i>International Journal of Nanomedicine</i> , 2016, Volume 11, 3009-3022.	6.7	23
83	Synergistic Anticancer Effect of Tocotrienol Combined with Chemotherapeutic Agents or Dietary Components: A Review. <i>International Journal of Molecular Sciences</i> , 2016, 17, 1605.	4.1	39
84	Presence of orally administered rice bran oil γ -oryzanol in its intact form in mouse plasma. <i>Food and Function</i> , 2016, 7, 4816-4822.	4.6	21
85	Identification of a Genetic Factor Required for High γ -Isoform Concentration in Rice Vitamin E. <i>Journal of Agricultural and Food Chemistry</i> , 2016, 64, 9368-9373.	5.2	3
86	The combination of maternal and offspring high-fat diets causes marked oxidative stress and development of metabolic syndrome in mouse offspring. <i>Life Sciences</i> , 2016, 151, 70-75.	4.3	35
87	Metabolic Fate of Luteolin in Rats: Its Relationship to Anti-inflammatory Effect. <i>Journal of Agricultural and Food Chemistry</i> , 2016, 64, 4246-4254.	5.2	66
88	γ and δ tocotrienols suppress human hepatocellular carcinoma cell proliferation via regulation of Ras-Raf-MEK-ERK pathway-associated upstream signaling. <i>Food and Function</i> , 2016, 7, 4170-4174.	4.6	13
89	A novel chiral stationary phase HPLC-MS/MS method to discriminate between enzymatic oxidation and auto-oxidation of phosphatidylcholine. <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 7785-7793.	3.7	14
90	Accumulation of lipid hydroperoxide and cell senescence. <i>Journal of Lipid Nutrition</i> , 2016, 25, 25-34.	0.1	0

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91	A Combination of δ -Tocotrienol and Ferulic Acid Synergistically Inhibits Telomerase Activity in DLD-1 Human Colorectal Adenocarcinoma Cells. <i>Journal of Nutritional Science and Vitaminology</i> , 2016, 62, 281-287.	0.6	20
92	Effect of Gelatin Cross-linking on the Characteristics of Fish Oil Powder. <i>Journal of the Japanese Society for Food Science and Technology</i> , 2016, 63, 209-216.	0.1	1
93	$\hat{\alpha}$ -Tocopherol Attenuates the Triglyceride- and Cholesterol-Lowering Effects of Rice Bran Tocotrienol in Rats Fed a Western Diet. <i>Journal of Agricultural and Food Chemistry</i> , 2016, 64, 5361-5366.	5.2	34
94	Analysis of Plasmalogen Species in Foodstuffs. <i>Lipids</i> , 2016, 51, 199-210.	1.7	38
95	Evaluation of Lipid Peroxidation Process Using MS/MS, HPLC-MS/MS, and Chiral Stationary Phase-HPLC-MS/MS. <i>Oleosience</i> , 2016, 16, 233-242.	0.0	1
96	Determination of Phosphatidylcholine Hydroperoxide (PCOOH) as a Marker of Membrane Lipid Peroxidation. <i>Journal of Nutritional Science and Vitaminology</i> , 2015, 61, S78-S80.	0.6	17
97	Distribution of β -carotene-encapsulated polysorbate 80-coated poly(D, L-lactide-co-glycolide) nanoparticles in rodent tissues following intravenous administration. <i>International Journal of Nanomedicine</i> , 2015, 10, 7223.	6.7	8
98	$\hat{\alpha}$ -Tocotrienol treatment is more effective against hypoxic tumor cells than normoxic cells: potential implications for cancer therapy. <i>Journal of Nutritional Biochemistry</i> , 2015, 26, 832-840.	4.2	21
99	Direct separation of the diastereomers of phosphatidylcholine hydroperoxide bearing 13-hydroperoxy-9Z,11E-octadecadienoic acid using chiral stationary phase high-performance liquid chromatography. <i>Journal of Chromatography A</i> , 2015, 1386, 53-61.	3.7	24
100	Tandem Mass Spectrometry Analysis of Linoleic and Arachidonic Acid Hydroperoxides via Promotion of Alkali Metal Adduct Formation. <i>Analytical Chemistry</i> , 2015, 87, 4980-4987.	6.5	47
101	$\hat{\alpha}$ -Tocopherol suppresses antiangiogenic effect of $\hat{\alpha}$ -tocotrienol in human umbilical vein endothelial cells. <i>Journal of Nutritional Biochemistry</i> , 2015, 26, 345-350.	4.2	11
102	Metabolism and cytotoxic effects of phosphatidylcholine hydroperoxide in human hepatoma HepG2 cells. <i>Biochemical and Biophysical Research Communications</i> , 2015, 458, 920-927.	2.1	8
103	MS/MS and LC-MS/MS analysis of choline/ethanolamine plasmalogens via promotion of alkali metal adduct formation. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2015, 1004, 85-92.	2.3	26
104	Kinetic study of the quenching reaction of singlet oxygen by seven rice bran extracts in ethanol solution. Development of a singlet oxygen absorption capacity (SOAC) assay method. <i>Bioscience, Biotechnology and Biochemistry</i> , 2015, 79, 2063-2072.	1.3	9
105	Extrinsic plasmalogens suppress neuronal apoptosis in mouse neuroblastoma Neuro-2A cells: importance of plasmalogen molecular species. <i>RSC Advances</i> , 2015, 5, 61012-61020.	3.6	19
106	Liquid chromatography-tandem mass spectrometry determination of human plasma 1-palmitoyl-2-hydroperoxyoctadecadienoyl-phosphatidylcholine isomers via promotion of sodium adduct formation. <i>Analytical Biochemistry</i> , 2015, 471, 51-60.	2.4	52
107	Toddaculin, Isolated from <i>Toddalia asiatica</i> (L.) Lam., Inhibited Osteoclastogenesis in RAW 264 Cells and Enhanced Osteoblastogenesis in MC3T3-E1 Cells. <i>PLoS ONE</i> , 2015, 10, e0127158.	2.5	15
108	Effect of a Traditional Japanese Dish Consisting of Boiled Fish Paste on Lipid Metabolism in Rats. <i>Journal of the Japanese Society for Food Science and Technology</i> , 2015, 62, 182-190.	0.1	0

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109	Polysorbate-80 coated β -carotene (encapsulated polymeric) nanoparticles accumulate in rat lungs after intravenous injection. <i>FASEB Journal</i> , 2015, 29, 604-8.	0.5	0
110	Preparation of Marine Plasmalogen and Selective Identification of Molecular Species by LC-MS/MS. <i>Journal of Oleo Science</i> , 2014, 63, 423-430.	1.4	32
111	Preparation of 13 or 9-Hydroperoxy-9Z,11E (9E,11E) or 10E,12Z (10E,12E)-Octadecadienoic Phosphatidylcholine Hydroperoxide. <i>Journal of Oleo Science</i> , 2014, 63, 431-437.	1.4	32
112	Separation and Detection of Plasmalogen in Marine Invertebrates by High-Performance Liquid Chromatography with Evaporative Light-Scattering Detection. <i>Lipids</i> , 2014, 49, 1261-1273.	1.7	20
113	Differential cellular uptake and metabolism of curcuminoids in monocytes/macrophages: regulatory effects on lipid accumulation. <i>British Journal of Nutrition</i> , 2014, 112, 8-14.	2.3	21
114	Kinetic Study of the Scavenging Reaction of the Aroxyl Radical by Seven Kinds of Rice Bran Extracts in Ethanol Solution. Development of an Aroxyl Radical Absorption Capacity (ARAC) Assay Method. <i>Journal of Agricultural and Food Chemistry</i> , 2014, 62, 11901-11909.	5.2	6
115	MicroRNAs in Plasma and Cerebrospinal Fluid as Potential Markers for Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2014, 39, 253-259.	2.6	214
116	Comparison of the effects of curcumin and curcumin glucuronide in human hepatocellular carcinoma HepG2 cells. <i>Food Chemistry</i> , 2014, 151, 126-132.	8.2	71
117	1-Deoxyojirimycin attenuates high glucose-accelerated senescence in human umbilical vein endothelial cells. <i>Experimental Gerontology</i> , 2014, 55, 63-69.	2.8	28
118	Aculeatin, a coumarin derived from <i>Toddalia asiatica</i> (L.) Lam., enhances differentiation and lipolysis of 3T3-L1 adipocytes. <i>Biochemical and Biophysical Research Communications</i> , 2014, 453, 787-792.	2.1	24
119	Tocotrienol modulates crucial lipid metabolism-related genes in differentiated 3T3-L1 preadipocytes. <i>Food and Function</i> , 2014, 5, 2221-2227.	4.6	20
120	Synergistic inhibition of cancer cell proliferation with a combination of γ -tocotrienol and ferulic acid. <i>Biochemical and Biophysical Research Communications</i> , 2014, 453, 606-611.	2.1	58
121	Effects of Historical Differences in Components of the Japanese Diet on the Risk of Obesity in Mice. <i>Nihon Eiyō-Shokuryō-Gakkai Shi = Nippon Eiyō-Shokuryō-Gakkaishi = Journal of Japanese Society of Nutrition and Food Science</i> , 2014, 67, 73-85.	0.2	26
122	Differential cellular uptake and metabolism of curcuminoids in monocytes/macrophages: regulatory effects on lipid accumulation (1044.5). <i>FASEB Journal</i> , 2014, 28, 1044.5.	0.5	0
123	Production of the α -glucosidase inhibitor 1-deoxyojirimycin from <i>Bacillus</i> species. <i>Food Chemistry</i> , 2013, 138, 516-523.	8.2	57
124	Intake of mulberry 1-deoxyojirimycin prevents diet-induced obesity through increases in adiponectin in mice. <i>Food Chemistry</i> , 2013, 139, 16-23.	8.2	91
125	Investigation of tocotrienol biosynthesis in rice (<i>Oryza sativa</i> L.). <i>Food Chemistry</i> , 2013, 140, 91-98.	8.2	12
126	Studies Targeting α -Glucosidase Inhibition, Antiangiogenic Effects, and Lipid Modification Regulation: Background, Evaluation, and Challenges in the Development of Food Ingredients for Therapeutic Purposes. <i>Bioscience, Biotechnology and Biochemistry</i> , 2013, 77, 900-908.	1.3	26

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127	γ -Tocotrienol Attenuates Triglyceride through Effect on Lipogenic Gene Expressions in Mouse Hepatocellular Carcinoma Hepa 1-6. <i>Journal of Nutritional Science and Vitaminology</i> , 2013, 59, 148-151.	0.6	17
128	Tocotrienol (Unsaturated Vitamin E) Suppresses Degranulation of Mast Cells and Reduces Allergic Dermatitis in Mice. <i>Journal of Oleo Science</i> , 2013, 62, 825-834.	1.4	28
129	Aging decreases antioxidant effects and increases lipid peroxidation in the Apolipoprotein E deficient mouse. <i>Journal of Clinical Biochemistry and Nutrition</i> , 2013, 52, 234-240.	1.4	20
130	Development of high 1-deoxyojirimycin (DNJ) content mulberry tea and use of response surface methodology to optimize tea-making conditions for highest DNJ extraction. <i>LWT - Food Science and Technology</i> , 2012, 45, 226-232.	5.2	44
131	Jacaric acid, a linolenic acid isomer with a conjugated triene system, has a strong antitumor effect in vitro and in vivo. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2012, 1821, 980-988.	2.4	58
132	Amadori-glycated phosphatidylethanolamine up-regulates telomerase activity in PANC-1 human pancreatic carcinoma cells. <i>FEBS Letters</i> , 2012, 586, 2542-2547.	2.8	7
133	Tocotrienol Attenuates Triglyceride Accumulation in HepG2 Cells and F344 Rats. <i>Lipids</i> , 2012, 47, 471-481.	1.7	50
134	A novel gelatin crosslinking method retards release of mulberry 1-deoxyojirimycin providing a prolonged hypoglycaemic effect. <i>Food Chemistry</i> , 2012, 134, 1823-1830.	8.2	28
135	Amyloid β Induces Adhesion of Erythrocytes to Endothelial Cells and Affects Endothelial Viability and Functionality. <i>Bioscience, Biotechnology and Biochemistry</i> , 2011, 75, 2030-2033.	1.3	26
136	Phosphatidylcholine hydroperoxide promotes VEGF-induced angiogenesis in endothelial cells and rat aorta ring cultures. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2011, 1810, 1205-1211.	2.4	10
137	Effect of mulberry leaf extract with enriched 1-deoxyojirimycin content on postprandial glycemic control in subjects with impaired glucose metabolism. <i>Journal of Diabetes Investigation</i> , 2011, 2, 318-323.	2.4	83
138	Amyloid β -induced erythrocytic damage and its attenuation by carotenoids. <i>FEBS Letters</i> , 2011, 585, 1249-1254.	2.8	42
139	Antioxidant effect of astaxanthin on phospholipid peroxidation in human erythrocytes. <i>British Journal of Nutrition</i> , 2011, 105, 1563-1571.	2.3	106
140	A challenge for preventing senile dementia with marine plasmalogen. <i>Sessile Organisms</i> , 2010, 27, 85-87.	0.2	0
141	γ -Tocotrienol Reduces Squalene Hydroperoxide-Induced Inflammatory Responses in HaCaT Keratinocytes. <i>Lipids</i> , 2010, 45, 833-841.	1.7	17
142	Determination of iminosugars in mulberry leaves and silkworms using hydrophilic interaction chromatography-tandem mass spectrometry. <i>Analytical Biochemistry</i> , 2010, 404, 217-222.	2.4	54
143	Effects of Mulberry Leaf Extract Rich in 1-Deoxyojirimycin on Blood Lipid Profiles in Humans. <i>Journal of Clinical Biochemistry and Nutrition</i> , 2010, 47, 155-161.	1.4	76
144	Tocotrienol Distribution in Foods: Estimation of Daily Tocotrienol Intake of Japanese Population. <i>Journal of Agricultural and Food Chemistry</i> , 2010, 58, 3350-3355.	5.2	45

#	ARTICLE	IF	CITATIONS
145	Î±-Tocopherol attenuates the cytotoxic effect of Î²-tocotrienol in human colorectal adenocarcinoma cells. <i>Biochemical and Biophysical Research Communications</i> , 2010, 397, 214-219.	2.1	44
146	LC-MS/MS analysis of carboxymethylated and carboxyethylated phosphatidylethanolamines in human erythrocytes and blood plasma. <i>Journal of Lipid Research</i> , 2010, 51, 2445-2453.	4.2	47
147	Effects of Co-Administration of Tea Epigallocatechin-3-gallate (EGCG) and Caffeine on Absorption and Metabolism of EGCC in Humans. <i>Bioscience, Biotechnology and Biochemistry</i> , 2009, 73, 2014-2017.	1.3	42
148	Antiangiogenic and anticancer potential of unsaturated vitamin E (tocotrienol). <i>Journal of Nutritional Biochemistry</i> , 2009, 20, 79-86.	4.2	101
149	Cross-Fertilization for Enhancing Tocotrienol Biosynthesis in Rice Plants and QTL Analysis of Their F ₂ Progenies. <i>Journal of Agricultural and Food Chemistry</i> , 2009, 57, 4620-4625.	5.2	21
150	Intake of 1-Deoxynojirimycin Suppresses Lipid Accumulation through Activation of the Î²-Oxidation System in Rat Liver. <i>Journal of Agricultural and Food Chemistry</i> , 2009, 57, 11024-11029.	5.2	63
151	Î²-Tocotrienol Suppresses VEGF Induced Angiogenesis whereas Î±-Tocopherol Does Not. <i>Journal of Agricultural and Food Chemistry</i> , 2009, 57, 8696-8704.	5.2	53
152	Optimization of 1-Deoxynojirimycin Extraction from Mulberry Leaves by Using Response Surface Methodology. <i>Bioscience, Biotechnology and Biochemistry</i> , 2009, 73, 2684-2689.	1.3	37
153	Antioxidant effect of lutein towards phospholipid hydroperoxidation in human erythrocytes. <i>British Journal of Nutrition</i> , 2009, 102, 1280-1284.	2.3	48
154	Development of a high-performance liquid chromatography-based assay for carotenoids in human red blood cells: Application to clinical studies. <i>Analytical Biochemistry</i> , 2008, 381, 129-134.	2.4	48
155	Glycation of Plasma Lipoprotein Lipid Membrane and Screening for Lipid Glycation Inhibitor. <i>Annals of the New York Academy of Sciences</i> , 2008, 1126, 288-290.	3.8	8
156	Analysis of Amadori-glycated Phosphatidylethanolamine in the Plasma of Healthy Subjects and Diabetic Patients by Liquid Chromatography-Tandem Mass Spectrometry. <i>Annals of the New York Academy of Sciences</i> , 2008, 1126, 291-294.	3.8	14
157	Tumor anti-angiogenic effect and mechanism of action of Î²-tocotrienol. <i>Biochemical Pharmacology</i> , 2008, 76, 330-339.	4.4	64
158	Tocotrienol Inhibits Secretion of Angiogenic Factors from Human Colorectal Adenocarcinoma Cells by Suppressing Hypoxia-Inducible Factor-1Î±. <i>Journal of Nutrition</i> , 2008, 138, 2136-2142.	2.9	70
159	Preparation of pure lipid hydroperoxides. <i>Journal of Lipid Research</i> , 2008, 49, 2668-2677.	4.2	35
160	Validation of an Ion Trap Tandem Mass Spectrometric Analysis of Mulberry 1-Deoxynojirimycin in Human Plasma: Application to Pharmacokinetic Studies. <i>Bioscience, Biotechnology and Biochemistry</i> , 2008, 72, 2210-2213.	1.3	35
161	Ion-trap tandem mass spectrometric analysis of squalene monohydroperoxide isomers in sunlight-exposed human skin. <i>Journal of Lipid Research</i> , 2007, 48, 2779-2787.	4.2	47
162	In Vivo Angiogenesis Is Suppressed by Unsaturated Vitamin E, Tocotrienol. <i>Journal of Nutrition</i> , 2007, 137, 1938-1943.	2.9	92

#	ARTICLE	IF	CITATIONS
163	Food-Grade Mulberry Powder Enriched with 1-Deoxynojirimycin Suppresses the Elevation of Postprandial Blood Glucose in Humans. <i>Journal of Agricultural and Food Chemistry</i> , 2007, 55, 5869-5874.	5.2	283
164	Distribution of Tocotrienols in Rats Fed a Rice Bran Tocotrienol Concentrate. <i>Bioscience, Biotechnology and Biochemistry</i> , 2007, 71, 464-471.	1.3	41
165	Quantitation of Tocotrienol and Tocopherol in Various Rice Brans. <i>Journal of Agricultural and Food Chemistry</i> , 2007, 55, 461-466.	5.2	102
166	Occurrence of Orally Administered Mulberry 1-Deoxynojirimycin in Rat Plasma. <i>Journal of Agricultural and Food Chemistry</i> , 2007, 55, 8928-8933.	5.2	63
167	Mitochondrial Oxidative Damage in Chicken Skeletal Muscle Induced by Acute Heat Stress. <i>Journal of Poultry Science</i> , 2007, 44, 439-445.	1.6	167
168	Evaporative Light-Scattering Analysis of Sulforaphane in Broccoli Samples: A Quality of Broccoli Products Regarding Sulforaphane Contents. <i>Journal of Agricultural and Food Chemistry</i> , 2006, 54, 2479-2483.	5.2	72
169	Down-regulation of telomerase activity in DLD-1 human colorectal adenocarcinoma cells by tocotrienol. <i>Biochemical and Biophysical Research Communications</i> , 2006, 348, 170-175.	2.1	88
170	Evidence of Biomembrane Lipid Glycation. <i>Bunseki Kagaku</i> , 2006, 55, 907-917.	0.2	0
171	A Convenient Method for Preparation of High-Purity, Amadori-Glycated Phosphatidylethanolamine and Its Prooxidant Effect. <i>Annals of the New York Academy of Sciences</i> , 2005, 1043, 276-279.	3.8	7
172	Angiogenic Potency of Amadori-Glycated Phosphatidylethanolamine. <i>Annals of the New York Academy of Sciences</i> , 2005, 1043, 413-416.	3.8	14
173	Ion-trap tandem mass spectrometric analysis of Amadori-glycated phosphatidylethanolamine in human plasma with or without diabetes. <i>Journal of Lipid Research</i> , 2005, 46, 2514-2524.	4.2	61
174	Polyunsaturated fatty acids inhibit telomerase activity in DLD-1 human colorectal adenocarcinoma cells: A dual mechanism approach. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2005, 1737, 1-10.	2.4	39
175	Simple and rapid determination of 1-deoxynojirimycin in mulberry leaves. <i>BioFactors</i> , 2004, 22, 341-345.	5.4	26
176	DNA chip analysis of comprehensive food function: Inhibition of angiogenesis and telomerase activity with unsaturated vitamin E, tocotrienol. <i>BioFactors</i> , 2004, 21, 5-10.	5.4	36
177	Determination of 1-Deoxynojirimycin in Mulberry Leaves Using Hydrophilic Interaction Chromatography with Evaporative Light Scattering Detection. <i>Journal of Agricultural and Food Chemistry</i> , 2004, 52, 1415-1418.	5.2	84
178	Telomerase inhibition by sulfoquinovosyldiacylglycerol from edible purple laver (<i>Porphyra</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 142 Td	7.2	53
179	Anthocyanin Administration Elevates Plasma Homocysteine in Rats. <i>Journal of Nutritional Science and Vitaminology</i> , 2002, 48, 530-535.	0.6	10
180	UV analysis of Amadori-glycated phosphatidylethanolamine in foods and biological samples. <i>Journal of Lipid Research</i> , 2002, 43, 523-529.	4.2	39

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181	UV analysis of Amadori-glycated phosphatidylethanolamine in foods and biological samples. Journal of Lipid Research, 2002, 43, 523-9.	4.2	36
182	Synthetically prepared Amadori-glycated phosphatidylethanolamine can trigger lipid peroxidation via free radical reactions. FEBS Letters, 2000, 481, 26-30.	2.8	72
183	Tea Catechin Supplementation Increases Antioxidant Capacity and Prevents Phospholipid Hydroperoxidation in Plasma of Humans. Journal of Agricultural and Food Chemistry, 1999, 47, 3967-3973.	5.2	179