

Junya Ito

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

948
citations

471509

17
h-index

477307

29
g-index

52
all docs

52
docs citations

52
times ranked

1145
citing authors

#	ARTICLE	IF	CITATIONS
1	Total Synthesis of the Broad-Spectrum Antibiotic Amycolamicin. <i>Journal of the American Chemical Society</i> , 2022, 144, 5253-5257.	13.7	11
2	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
3	Isolation and structural elucidation of unique δ^3 -oryzanol species in rice bran oil. <i>Food Chemistry</i> , 2021, 337, 127956.	8.2	12
4	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
5	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
6	Analysis of oxidation products of α -tocopherol in extra virgin olive oil using liquid chromatography-tandem mass spectrometry. <i>Food Chemistry</i> , 2020, 306, 125582.	8.2	19
7	Drugs Repurposed as Antiferroptosis Agents Suppress Organ Damage, Including AKI, by Functioning as Lipid Peroxyl Radical Scavengers. <i>Journal of the American Society of Nephrology: JASN</i> , 2020, 31, 280-296.	6.1	95
8	Direct Separation of the Diastereomers of Cholesterol Ester Hydroperoxide Using LC-MS/MS to Evaluate Enzymatic Lipid Oxidation. <i>Symmetry</i> , 2020, 12, 1127.	2.2	5
9	Revealing the thermal oxidation stability and its mechanism of rice bran oil. <i>Scientific Reports</i> , 2020, 10, 14091.	3.3	16
10	Structural changes of ethanolamine plasmalogen during intestinal absorption. <i>Food and Function</i> , 2020, 11, 8068-8076.	4.6	11
11	Ferroptosis driven by radical oxidation of n-6 polyunsaturated fatty acids mediates acetaminophen-induced acute liver failure. <i>Cell Death and Disease</i> , 2020, 11, 144.	6.3	166
12	Metabolic and pathologic profiles of human LSS deficiency recapitulated in mice. <i>PLoS Genetics</i> , 2020, 16, e1008628.	3.5	21
13	Kinetic Study of Singlet-Oxygen Quenching and Aroxyl-Radical Scavenging Activities of Vitamin E Homologs and Fatty Acids Present in Vegetable Oils. <i>Journal of Oleo Science</i> , 2020, 69, 7-22.	1.4	1
14	Metabolic and pathologic profiles of human LSS deficiency recapitulated in mice. , 2020, 16, e1008628.		0
15	Metabolic and pathologic profiles of human LSS deficiency recapitulated in mice. , 2020, 16, e1008628.		0
16	Metabolic and pathologic profiles of human LSS deficiency recapitulated in mice. , 2020, 16, e1008628.		0
17	Metabolic and pathologic profiles of human LSS deficiency recapitulated in mice. , 2020, 16, e1008628.		0
18	Metabolic and pathologic profiles of human LSS deficiency recapitulated in mice. , 2020, 16, e1008628.		0

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19	Metabolic and pathologic profiles of human LSS deficiency recapitulated in mice. , 2020, 16, e1008628.		0
20	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
21	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
22	Definitive evidence of the presence of 24-methylenecycloartanyl ferulate and 24-methylenecycloartanyl caffeate in barley. Scientific Reports, 2019, 9, 12572.	3.3	9
23	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
24	Evaluation of lipid oxidation mechanisms in beverages and cosmetics via analysis of lipid hydroperoxide isomers. Scientific Reports, 2019, 9, 7387.	3.3	17
25	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
26	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
27	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
28	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
29	Determination of triacylglycerol oxidation mechanisms in canola oil using liquid chromatography-tandem mass spectrometry. Npj Science of Food, 2018, 2, 1.	5.5	81
30	Amadori-glycated phosphatidylethanolamine enhances the physical stability and selective targeting ability of liposomes. Royal Society Open Science, 2018, 5, 171249.	2.4	8
31	Effects of Extraction Methods on Phytochemicals of Rice Bran Oils Produced from Colored Rice. Journal of Oleo Science, 2018, 67, 135-142.	1.4	17
32	Modulation of Telomerase Activity in Cancer Cells by Dietary Compounds: A Review. International Journal of Molecular Sciences, 2018, 19, 478.	4.1	30
33	Kinetic Study of the Scavenging Reaction of the Aroxyl Radical by Eight Kinds of Vegetable Oils in Solution. JAOCS, Journal of the American Oil Chemists' Society, 2018, 95, 731-742.	1.9	3
34	Evaluation of the anti-hyperglycemic effect and safety of microorganism 1-deoxynojirimycin. PLoS ONE, 2018, 13, e0199057.	2.5	17
35	Development of quantitation method for glycated aminophospholipids at the molecular species level in powdered milk and powdered buttermilk. Scientific Reports, 2018, 8, 8729.	3.3	17
36	Oxidation of squalene by singlet oxygen and free radicals results in different compositions of squalene monohydroperoxide isomers. Scientific Reports, 2018, 8, 9116.	3.3	33

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37	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
38	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
39	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
40	Mass Spectrometric Discrimination of Squalene Monohydroperoxide Isomers. <i>Journal of Oleo Science</i> , 2017, 66, 227-234.	1.4	21
41	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
42	Presence of orally administered rice bran oil $\hat{\beta}$ -oryzanol in its intact form in mouse plasma. <i>Food and Function</i> , 2016, 7, 4816-4822.	4.6	21
43	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
44	$\hat{\alpha}$ and $\hat{\beta}$ 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
45	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
46	Evaluation of Lipid Peroxidation Process Using MS/MS, HPLC-MS/MS, and Chiral Stationary Phase-HPLC-MS/MS. <i>Oleoscience</i> , 2016, 16, 233-242.	0.0	1
47	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
48	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
49	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
50	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