

# 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	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
2	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
3	Determination of triacylglycerol oxidation mechanisms in canola oil using liquid chromatography-tandem mass spectrometry. <i>Npj Science of Food</i> , 2018, 2, 1.	5.5	81
4	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
5	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
6	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
7	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
8	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
9	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
10	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
11	Mass Spectrometric Discrimination of Squalene Monohydroperoxide Isomers. <i>Journal of Oleo Science</i> , 2017, 66, 227-234.	1.4	21
12	Metabolic and pathologic profiles of human LSS deficiency recapitulated in mice. <i>PLoS Genetics</i> , 2020, 16, e1008628.	3.5	21
13	Significance of Squalene in Rice Bran Oil and Perspectives on Squalene Oxidation. <i>Journal of Nutritional Science and Vitaminology</i> , 2019, 65, S62-S66.	0.6	20
14	Analysis of oxidation products of $\hat{\alpha}$ -tocopherol in extra virgin olive oil using liquid chromatography-tandem mass spectrometry. <i>Food Chemistry</i> , 2020, 306, 125582.	8.2	19
15	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
16	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
17	Evaluation of the anti-hyperglycemic effect and safety of microorganism 1-deoxynojirimycin. <i>PLoS ONE</i> , 2018, 13, e0199057.	2.5	17
18	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

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19	Evaluation of lipid oxidation mechanisms in beverages and cosmetics via analysis of lipid hydroperoxide isomers. <i>Scientific Reports</i> , 2019, 9, 7387.	3.3	17
20	Absorption and Metabolism of $\hat{1}^3$ -Oryzanol, a Characteristic Functional Ingredient in Rice Bran. <i>Journal of Nutritional Science and Vitaminology</i> , 2019, 65, S180-S184.	0.6	16
21	Evaluation of $\hat{1}^3$ -oryzanol Accumulation and Lipid Metabolism in the Body of Mice Following Long-Term Administration of $\hat{1}^3$ -oryzanol. <i>Nutrients</i> , 2019, 11, 104.	4.1	16
22	Revealing the thermal oxidation stability and its mechanism of rice bran oil. <i>Scientific Reports</i> , 2020, 10, 14091.	3.3	16
23	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
24	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
25	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
26	$\hat{1}$ and $\hat{1}^3$ 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
27	Isolation and structural elucidation of unique $\hat{1}^3$ -oryzanol species in rice bran oil. <i>Food Chemistry</i> , 2021, 337, 127956.	8.2	12
28	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
29	Evaluation of squalene oxidation mechanisms in human skin surface lipids and shark liver oil supplements. <i>Annals of the New York Academy of Sciences</i> , 2019, 1457, 158-165.	3.8	11
30	Structural changes of ethanolamine plasmalogen during intestinal absorption. <i>Food and Function</i> , 2020, 11, 8068-8076.	4.6	11
31	Total Synthesis of the Broad-Spectrum Antibiotic Amycolamicin. <i>Journal of the American Chemical Society</i> , 2022, 144, 5253-5257.	13.7	11
32	Definitive evidence of the presence of 24-methylenecycloartanyl ferulate and 24-methylenecycloartanyl caffeate in barley. <i>Scientific Reports</i> , 2019, 9, 12572.	3.3	9
33	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
34	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
35	Comparison of Blood Profiles of $\hat{1}^3$ -Oryzanol and Ferulic Acid in Rats after Oral Intake of $\hat{1}^3$ -Oryzanol. <i>Nutrients</i> , 2019, 11, 1174.	4.1	6
36	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

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37	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
38	Kinetic Study of the Scavenging Reaction of the Aroxyl Radical by Eight Kinds of Vegetable Oils in Solution. <i>JAOCs, Journal of the American Oil Chemists' Society</i> , 2018, 95, 731-742.	1.9	3
39	Kinetic Study of the Quenching Reaction of Singlet Oxygen by Eight Vegetable Oils in Solution. <i>Journal of Oleo Science</i> , 2019, 68, 21-31.	1.4	3
40	Physiological Effects and Organ Distribution of <i>Bacillus amyloliquefaciens</i> AS385 Culture Broth Powder Containing 1-Deoxyojirimycin in C57BL/6J Mice. <i>Journal of Nutritional Science and Vitaminology</i> , 2019, 65, 157-163.	0.6	2
41	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
42	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
43	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
44	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
45	Metabolic and pathologic profiles of human LSS deficiency recapitulated in mice. , 2020, 16, e1008628.		0
46	Metabolic and pathologic profiles of human LSS deficiency recapitulated in mice. , 2020, 16, e1008628.		0
47	Metabolic and pathologic profiles of human LSS deficiency recapitulated in mice. , 2020, 16, e1008628.		0
48	Metabolic and pathologic profiles of human LSS deficiency recapitulated in mice. , 2020, 16, e1008628.		0
49	Metabolic and pathologic profiles of human LSS deficiency recapitulated in mice. , 2020, 16, e1008628.		0
50	Metabolic and pathologic profiles of human LSS deficiency recapitulated in mice. , 2020, 16, e1008628.		0