

Taiki Miyazawa

List of Publications by Year in descending order

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Version: 2024-02-01

36
papers

1,015
citations

516710

16
h-index

434195

31
g-index

37
all docs

37
docs citations

37
times ranked

1460
citing authors

#	ARTICLE	IF	CITATIONS
1	The inhibition of interaction with serum albumin enhances the physiological activity of curcumin by increasing its cellular uptake. Food and Function, 2022, 13, 639-648.	4.6	5
2	Quantification of Bisacurone and Curcuminoids in Turmeric Products by Liquid Chromatography Coupled with Tandem Mass Spectrometry. Journal of Nutritional Science and Vitaminology, 2022, 68, 137-139.	0.6	0
3	Determination of intracellular ascorbic acid using tandem mass spectrometry. Analyst, The, 2022, 147, 2640-2643.	3.5	4
4	Biological Functions of Antioxidant Dipeptides. Journal of Nutritional Science and Vitaminology, 2022, 68, 162-171.	0.6	9
5	Removal of chlorophyll and pheophorbide from <i>Chlorella pyrenoidosa</i> by supercritical fluid extraction: potential of protein resource. Bioscience, Biotechnology and Biochemistry, 2021, 85, 1759-1762.	1.3	2
6	Boronic Acid Ligands Can Target Multiple Subpopulations of Pancreatic Cancer Stem Cells via pH-Dependent Glycan-Terminal Sialic Acid Recognition. ACS Applied Bio Materials, 2021, 4, 6647-6651.	4.6	13
7	A Critical Review of the Use of Surfactant-Coated Nanoparticles in Nanomedicine and Food Nanotechnology. International Journal of Nanomedicine, 2021, Volume 16, 3937-3999.	6.7	77
8	Effects of Dietary Food Components on Cognitive Functions in Older Adults. Nutrients, 2021, 13, 2804.	4.1	21
9	C-type lectin Mincle mediates cell death-triggered inflammation in acute kidney injury. Journal of Experimental Medicine, 2020, 217, .	8.5	35
10	Hollow fiber-combined glucose-responsive gel technology as an in vivo electronics-free insulin delivery system. Communications Biology, 2020, 3, 313.	4.4	12
11	Structural Control of Boronic Acid Ligands Enhances Intratumoral Targeting of Sialic Acid To Eradicate Cancer Stem-like Cells. ACS Applied Bio Materials, 2020, 3, 5030-5039.	4.6	18
12	Vitamin E: Regulatory Redox Interactions. IUBMB Life, 2019, 71, 430-441.	3.4	162
13	Determination of cellular vitamin C dynamics by HPLC-DAD. Analyst, The, 2019, 144, 3483-3487.	3.5	8
14	The differential cellular uptake of curcuminoids in vitro depends dominantly on albumin interaction. Phytomedicine, 2019, 59, 152902.	5.3	15
15	Amadori-glycated phosphatidylethanolamine enhances the physical stability and selective targeting ability of liposomes. Royal Society Open Science, 2018, 5, 171249.	2.4	8
16	Curcumin and piperine supplementation of obese mice under caloric restriction modulates body fat and interleukin-1 β . Nutrition and Metabolism, 2018, 15, 12.	3.0	33
17	Synthetic "smart gel" provides glucose-responsive insulin delivery in diabetic mice. Science Advances, 2017, 3, eaaq0723.	10.3	118
18	Heterocyclic boronic acids display sialic acid selective binding in a hypoxic tumor relevant acidic environment. Chemical Science, 2017, 8, 6165-6170.	7.4	48

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19	Metabolic fate of poly-(lactic-co-glycolic acid)-based curcumin nanoparticles following oral administration. International Journal of Nanomedicine, 2016, Volume 11, 3009-3022.	6.7	23
20	The combination of maternal and offspring high-fat diets causes marked oxidative stress and development of metabolic syndrome in mouse offspring. Life Sciences, 2016, 151, 70-75.	4.3	35
21	Young Persimmon Ingestion Suppresses Lipid Oxidation in Rats. Journal of Nutritional Science and Vitaminology, 2015, 61, 90-95.	0.6	6
22	Distribution of β -carotene-encapsulated polysorbate 80-coated poly(D, L-lactide-co-glycolide) nanoparticles in rodent tissues following intravenous administration. International Journal of Nanomedicine, 2015, 10, 7223.	6.7	8
23	Carbon tetrachloride-induced hepatic and renal damages in rat: inhibitory effects of cacao polyphenol. Bioscience, Biotechnology and Biochemistry, 2015, 79, 1669-1675.	1.3	20
24	Polysorbate 80 coated β -carotene (encapsulated polymeric) nanoparticles accumulate in rat lungs after intravenous injection. FASEB Journal, 2015, 29, 604.8.	0.5	0
25	Oxidative Stress during Development of Alcoholic Fatty Liver: Therapeutic Potential of Cacao Polyphenol. Bioscience, Biotechnology and Biochemistry, 2013, 77, 1792-1794.	1.3	10
26	Chlorella is an Effective Dietary Source of Lutein for Human Erythrocytes. Journal of Oleo Science, 2013, 62, 773-779.	1.4	25
27	Ingestion of Chlorella Reduced the Oxidation of Erythrocyte Membrane Lipids in Senior Japanese Subjects. Journal of Oleo Science, 2013, 62, 873-881.	1.4	26
28	Chapter 12. Liquid Chromatography-based Assay for Carotenoids in Human Blood. Food and Nutritional Components in Focus, 2012, , 184-203.	0.1	0
29	Plasma Carotenoid Concentrations before and after Supplementation with Astaxanthin in Middle-Aged and Senior Subjects. Bioscience, Biotechnology and Biochemistry, 2011, 75, 1856-1858.	1.3	33
30	Amyloid β Induces Adhesion of Erythrocytes to Endothelial Cells and Affects Endothelial Viability and Functionality. Bioscience, Biotechnology and Biochemistry, 2011, 75, 2030-2033.	1.3	26
31	One-pot Synthesis of Manganese Oxide Nanoparticles from Microemulsion Systems. Chemistry Letters, 2011, 40, 1262-1263.	1.3	3
32	Erythrocytes Carotenoids after Astaxanthin Supplementation in Middle-Aged and Senior Japanese Subjects. Journal of Oleo Science, 2011, 60, 495-499.	1.4	9
33	Amyloid β -induced erythrocytic damage and its attenuation by carotenoids. FEBS Letters, 2011, 585, 1249-1254.	2.8	42
34	Antioxidant effect of astaxanthin on phospholipid peroxidation in human erythrocytes. British Journal of Nutrition, 2011, 105, 1563-1571.	2.3	106
35	A challenge for preventing senile dementia with marine plasmalogen. Sessile Organisms, 2010, 27, 85-87.	0.2	0
36	Tocotrienol Distribution in Foods: Estimation of Daily Tocotrienol Intake of Japanese Population. Journal of Agricultural and Food Chemistry, 2010, 58, 3350-3355.	5.2	45