

Taiki Miyazawa

List of Publications by Year in descending order

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Version: 2024-02-01

36
papers

1,015
citations

516215

16
h-index

433756

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. <i>Food and Function</i> , 2022, 13, 639-648. | 2.1 | 5 |
| 2 | Quantification of Bisacurone and Curcuminoids in Turmeric Products by Liquid Chromatography Coupled with Tandem Mass Spectrometry. <i>Journal of Nutritional Science and Vitaminology</i> , 2022, 68, 137-139. | 0.2 | 0 |
| 3 | Determination of intracellular ascorbic acid using tandem mass spectrometry. <i>Analyst, The</i> , 2022, 147, 2640-2643. | 1.7 | 4 |
| 4 | Biological Functions of Antioxidant Dipeptides. <i>Journal of Nutritional Science and Vitaminology</i> , 2022, 68, 162-171. | 0.2 | 9 |
| 5 | Removal of chlorophyll and pheophorbide from <i>Chlorella pyrenoidosa</i> by supercritical fluid extraction: potential of protein resource. <i>Bioscience, Biotechnology and Biochemistry</i> , 2021, 85, 1759-1762. | 0.6 | 2 |
| 6 | Boronic Acid Ligands Can Target Multiple Subpopulations of Pancreatic Cancer Stem Cells via pH-Dependent Glycan-Terminal Sialic Acid Recognition. <i>ACS Applied Bio Materials</i> , 2021, 4, 6647-6651. | 2.3 | 13 |
| 7 | 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. | 3.3 | 77 |
| 8 | Effects of Dietary Food Components on Cognitive Functions in Older Adults. <i>Nutrients</i> , 2021, 13, 2804. | 1.7 | 21 |
| 9 | C-type lectin Mincle mediates cell death-triggered inflammation in acute kidney injury. <i>Journal of Experimental Medicine</i> , 2020, 217, . | 4.2 | 35 |
| 10 | Hollow fiber-combined glucose-responsive gel technology as an in vivo electronics-free insulin delivery system. <i>Communications Biology</i> , 2020, 3, 313. | 2.0 | 12 |
| 11 | Structural Control of Boronic Acid Ligands Enhances Intratumoral Targeting of Sialic Acid To Eradicate Cancer Stem-like Cells. <i>ACS Applied Bio Materials</i> , 2020, 3, 5030-5039. | 2.3 | 18 |
| 12 | Vitamin E: Regulatory Redox Interactions. <i>IUBMB Life</i> , 2019, 71, 430-441. | 1.5 | 162 |
| 13 | Determination of cellular vitamin C dynamics by HPLC-DAD. <i>Analyst, The</i> , 2019, 144, 3483-3487. | 1.7 | 8 |
| 14 | The differential cellular uptake of curcuminoids in vitro depends dominantly on albumin interaction. <i>Phytomedicine</i> , 2019, 59, 152902. | 2.3 | 15 |
| 15 | Amadori-glycated phosphatidylethanolamine enhances the physical stability and selective targeting ability of liposomes. <i>Royal Society Open Science</i> , 2018, 5, 171249. | 1.1 | 8 |
| 16 | Curcumin and piperine supplementation of obese mice under caloric restriction modulates body fat and interleukin-1 β . <i>Nutrition and Metabolism</i> , 2018, 15, 12. | 1.3 | 33 |
| 17 | Synthetic "smart gel" provides glucose-responsive insulin delivery in diabetic mice. <i>Science Advances</i> , 2017, 3, eaaq0723. | 4.7 | 118 |
| 18 | Heterocyclic boronic acids display sialic acid selective binding in a hypoxic tumor relevant acidic environment. <i>Chemical Science</i> , 2017, 8, 6165-6170. | 3.7 | 48 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | 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. | 3.3 | 23 |
| 20 | 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. | 2.0 | 35 |
| 21 | Young Persimmon Ingestion Suppresses Lipid Oxidation in Rats. <i>Journal of Nutritional Science and Vitaminology</i> , 2015, 61, 90-95. | 0.2 | 6 |
| 22 | 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. | 3.3 | 8 |
| 23 | Carbon tetrachloride-induced hepatic and renal damages in rat: inhibitory effects of cacao polyphenol. <i>Bioscience, Biotechnology and Biochemistry</i> , 2015, 79, 1669-1675. | 0.6 | 20 |
| 24 | Polysorbate 80 coated β -carotene (encapsulated polymeric) nanoparticles accumulate in rat lungs after intravenous injection. <i>FASEB Journal</i> , 2015, 29, 604.8. | 0.2 | 0 |
| 25 | Oxidative Stress during Development of Alcoholic Fatty Liver: Therapeutic Potential of Cacao Polyphenol. <i>Bioscience, Biotechnology and Biochemistry</i> , 2013, 77, 1792-1794. | 0.6 | 10 |
| 26 | Chlorella is an Effective Dietary Source of Lutein for Human Erythrocytes. <i>Journal of Oleo Science</i> , 2013, 62, 773-779. | 0.6 | 25 |
| 27 | Ingestion of Chlorella Reduced the Oxidation of Erythrocyte Membrane Lipids in Senior Japanese Subjects. <i>Journal of Oleo Science</i> , 2013, 62, 873-881. | 0.6 | 26 |
| 28 | Chapter 12. Liquid Chromatography-based Assay for Carotenoids in Human Blood. <i>Food and Nutritional Components in Focus</i> , 2012, , 184-203. | 0.1 | 0 |
| 29 | Plasma Carotenoid Concentrations before and after Supplementation with Astaxanthin in Middle-Aged and Senior Subjects. <i>Bioscience, Biotechnology and Biochemistry</i> , 2011, 75, 1856-1858. | 0.6 | 33 |
| 30 | 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. | 0.6 | 26 |
| 31 | One-pot Synthesis of Manganese Oxide Nanoparticles from Microemulsion Systems. <i>Chemistry Letters</i> , 2011, 40, 1262-1263. | 0.7 | 3 |
| 32 | Erythrocytes Carotenoids after Astaxanthin Supplementation in Middle-Aged and Senior Japanese Subjects. <i>Journal of Oleo Science</i> , 2011, 60, 495-499. | 0.6 | 9 |
| 33 | Amyloid β -induced erythrocytic damage and its attenuation by carotenoids. <i>FEBS Letters</i> , 2011, 585, 1249-1254. | 1.3 | 42 |
| 34 | Antioxidant effect of astaxanthin on phospholipid peroxidation in human erythrocytes. <i>British Journal of Nutrition</i> , 2011, 105, 1563-1571. | 1.2 | 106 |
| 35 | A challenge for preventing senile dementia with marine plasmalogen. <i>Sessile Organisms</i> , 2010, 27, 85-87. | 0.3 | 0 |
| 36 | Tocotrienol Distribution in Foods: Estimation of Daily Tocotrienol Intake of Japanese Population. <i>Journal of Agricultural and Food Chemistry</i> , 2010, 58, 3350-3355. | 2.4 | 45 |