

Ting Luo

List of Publications by Year in descending order

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papers

677
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567281

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#	ARTICLE	IF	CITATIONS
1	Granny Smith apple procyanidin extract upregulates tight junction protein expression and modulates oxidative stress and inflammation in lipopolysaccharide-induced Caco-2 cells. <i>Food and Function</i> , 2018, 9, 3321-3329.	4.6	59
2	Consumption of Quercetin and Quercetin-Containing Apple and Cherry Extracts Affects Blood Glucose Concentration, Hepatic Metabolism, and Gene Expression Patterns in Obese C57BL/6J High Fat Fed Mice. <i>Journal of Nutrition</i> , 2016, 146, 1001-1007.	2.9	56
3	Protective effect of rhein against oxidative stress-related endothelial cell injury. <i>Molecular Medicine Reports</i> , 2012, 5, 1261-6.	2.4	48
4	Absorption Mechanism of Ginsenoside Compound K and Its Butyl and Octyl Ester Prodrugs in Caco-2 Cells. <i>Journal of Agricultural and Food Chemistry</i> , 2012, 60, 10278-10284.	5.2	48
5	Development of obesity is reduced in high-fat fed mice fed whole raspberries, raspberry juice concentrate, and a combination of the raspberry phytochemicals ellagic acid and raspberry ketone. <i>Journal of Berry Research</i> , 2016, 6, 213-223.	1.4	36
6	Controlling lipid digestion profiles using mixtures of different types of microgel: Alginate beads and carrageenan beads. <i>Journal of Food Engineering</i> , 2018, 238, 156-163.	5.2	36
7	Pancreatitis is an FGF21-deficient state that is corrected by replacement therapy. <i>Science Translational Medicine</i> , 2020, 12, .	12.4	29
8	A polysaccharide from <i>Fagopyrum esculentum</i> Moench bee pollen alleviates microbiota dysbiosis to improve intestinal barrier function in antibiotic-treated mice. <i>Food and Function</i> , 2020, 11, 10519-10533.	4.6	26
9	Tyrosol Ameliorates the Symptoms of Obesity, Promotes Adipose Thermogenesis, and Modulates the Composition of Gut Microbiota in HFD Fed Mice. <i>Molecular Nutrition and Food Research</i> , 2022, 66, e2101015.	3.3	26
10	Microstructure, physicochemical properties, and adsorption capacity of deoiled red raspberry pomace and its total dietary fiber. <i>LWT - Food Science and Technology</i> , 2022, 153, 112478.	5.2	24
11	Genistein and daidzein decrease food intake and body weight gain in mice, and alter LXR signaling <i>in vivo</i> and <i>in vitro</i> . <i>Food and Function</i> , 2018, 9, 6257-6267.	4.6	23
12	Time-restricted feeding improves the reproductive function of female mice via liver fibroblast growth factor 21. <i>Clinical and Translational Medicine</i> , 2020, 10, e195.	4.0	21
13	Predictable Effects of Dietary Lipid Sources on the Fatty Acids Compositions of Four 1-Year-Old Wild Freshwater Fish from Poyang Lake. <i>Journal of Agricultural and Food Chemistry</i> , 2013, 61, 210-218.	5.2	19
14	Consumption of a single serving of red raspberries per day reduces metabolic syndrome parameters in high-fat fed mice. <i>Food and Function</i> , 2017, 8, 4081-4088.	4.6	17
15	Changes in Organic Acids, Phenolic Compounds, and Antioxidant Activities of Lemon Juice Fermented by <i>Issatchenkia terricola</i> . <i>Molecules</i> , 2021, 26, 6712.	3.8	17
16	Consumption of Walnuts in Combination with Other Whole Foods Produces Physiologic, Metabolic, and Gene Expression Changes in Obese C57BL/6J High-Fat Fed Male Mice. <i>Journal of Nutrition</i> , 2016, 146, 1641-1650.	2.9	16
17	Isolation of a novel characterized <i>Issatchenkia terricola</i> from red raspberry fruits on the degradation of citric acid and enrichment of flavonoid and volatile profiles in fermented red raspberry juice. <i>Food Science and Human Wellness</i> , 2022, 11, 1018-1027.	4.9	16
18	Food Chemistry of Selenium and Controversial Roles of Selenium in Affecting Blood Cholesterol Concentrations. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 4935-4945.	5.2	15

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19	Dietary Intake Regulates White Adipose Tissues Angiogenesis via Liver Fibroblast Growth Factor 21 in Male Mice. <i>Endocrinology</i> , 2021, 162, .	2.8	15
20	Gene Expression Patterns Are Altered in Athymic Mice and Metabolic Syndrome Factors Are Reduced in C57BL/6J Mice Fed High-Fat Diets Supplemented with Soy Isoflavones. <i>Journal of Agricultural and Food Chemistry</i> , 2016, 64, 7492-7501.	5.2	13
21	Polysaccharides from soybean residue fermented by <i>Neurospora crassa</i> alleviate DSS-induced gut barrier damage and microbiota disturbance in mice. <i>Food and Function</i> , 2022, 13, 5739-5751.	4.6	12
22	Polymerization of proanthocyanidins catalyzed by polyphenol oxidase from lotus seedpod. <i>European Food Research and Technology</i> , 2014, 238, 727-739.	3.3	10
23	Phytochemical composition and potential biological activities assessment of raspberry leaf extracts from nine different raspberry species and raspberry leaf tea. <i>Journal of Berry Research</i> , 2020, 10, 295-309.	1.4	10
24	Linolelaic Acid Induces a Stronger Proliferative Effect on Human Umbilical Vein Smooth Muscle Cells Compared to Elaidic Acid. <i>Lipids</i> , 2013, 48, 395-403.	1.7	9
25	Interaction between Flavonoids and Carotenoids on Ameliorating Oxidative Stress and Cellular Uptake in Different Cells. <i>Foods</i> , 2021, 10, 3096.	4.3	8
26	The immunomodulatory effects of ginsenoside derivative Rh2-O on splenic lymphocytes in H22 tumor-bearing mice is partially mediated by TLR4. <i>International Immunopharmacology</i> , 2021, 101, 108316.	3.8	7
27	Triolein and Trilinolein Ameliorate Oxidized Low-Density Lipoprotein-Induced Oxidative Stress in Endothelial Cells. <i>Lipids</i> , 2014, 49, 495-504.	1.7	6
28	Potential metabolic activities of raspberry ketone. <i>Journal of Food Biochemistry</i> , 2022, 46, e14018.	2.9	6
29	Equimolar mixture of c9,t11 and t9,t11 CLA inhibits the growth and induces apoptosis in Caco-2 cells. <i>European Journal of Lipid Science and Technology</i> , 2012, 114, 479-485.	1.5	5
30	Medium- and long-chain triglycerides attenuate lipid accumulation and regulate the expression of proteins related to lipid metabolism in oleic acid-induced lipid deposition in human hepatic LO2 cells. <i>Journal of Functional Foods</i> , 2021, 78, 104354.	3.4	5
31	The influence of microbial contamination on rice bran rancidity. <i>LWT - Food Science and Technology</i> , 2021, 146, 111468.	5.2	5
32	Effect of <i>Issatchenkia terricola</i> WJL-G4 on Deacidification Characteristics and Antioxidant Activities of Red Raspberry Wine Processing. <i>Journal of Fungi (Basel, Switzerland)</i> , 2022, 8, 17.	3.5	5
33	The Structure Basis of Phytochemicals as Metabolic Signals for Combating Obesity. <i>Frontiers in Nutrition</i> , 0, 9, .	3.7	5
34	Stability comparison of four lipases and catalytic mechanism during the synthesis of 1,3-tri-oleic-2-medium chain triacylglycerols in a trace water-in-oil system: Experimental analyses and computational simulations. <i>Journal of Food Biochemistry</i> , 2021, 45, e13667.	2.9	4
35	Trans triacylglycerols from dairy products and industrial hydrogenated oil exhibit different effects on the function of human umbilical vein endothelial cells via modulating phospholipase A2/arachidonic acid metabolism pathways. <i>Journal of Dairy Science</i> , 2021, 104, 6399-6414.	3.4	4
36	Classified processing of different rice bran fractions according to their component distributions. <i>International Journal of Food Science and Technology</i> , 2022, 57, 4052-4064.	2.7	4

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37	Effects of Different Simple Triglycerides on Cell Fatty Acid Compositions, Proliferation-Related Protein, and Gene Expressions Induced by Oxidized LDL in HUVMSCs. <i>Journal of Food Science</i> , 2017, 82, 529-535.	3.1	3
38	Iron homeostasis in the human body and nutritional iron deficiency and solutions in China. <i>Journal of Food Biochemistry</i> , 2018, 42, e12673.	2.9	3
39	Metabolic Syndrome Is Reduced in C57BL/6J Mice Fed High-Fat Diets Supplemented with Oak Tannins. <i>Current Developments in Nutrition</i> , 2020, 4, nzaa033.	0.3	3
40	Responses of <i>Issatchenkia terricola</i> WJL-G4 upon Citric Acid Stress. <i>Molecules</i> , 2022, 27, 2664.	3.8	2
41	Potential Pathways Involved in Elaidic Acid Induced Atherosclerosis in Human Umbilical Vein Endothelial Cells. <i>Journal of Chemistry</i> , 2017, 2017, 1-10.	1.9	1
42	Metabolic Syndrome and Hepatic Steatosis is Reduced in C57BL/6J Mice Fed High-fat Diets Supplemented with Soy Isoflavones. <i>FASEB Journal</i> , 2015, 29, 402.4.	0.5	0