

Guo-Wei Le

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48
papers

894
citations

20
h-index

27
g-index

50
ext. papers

1,112
ext. citations

4.5
avg. IF

4.2
L-index

#	Paper	IF	Citations
48	Differential effects of quercetin on hippocampus-dependent learning and memory in mice fed with different diets related with oxidative stress. <i>Physiology and Behavior</i> , 2015 , 138, 325-31	3.5	68
47	Effects of different <i>Lactobacillus reuteri</i> on inflammatory and fat storage in high-fat diet-induced obesity mice model. <i>Journal of Functional Foods</i> , 2015 , 14, 424-434	5.1	46
46	Oxidized casein impairs antioxidant defense system and induces hepatic and renal injury in mice. <i>Food and Chemical Toxicology</i> , 2014 , 64, 86-93	4.7	44
45	Regressive Effect of Myricetin on Hepatic Steatosis in Mice Fed a High-Fat Diet. <i>Nutrients</i> , 2016 , 8,	6.7	36
44	Sodium butyrate protects against oxidative stress in HepG2 cells through modulating Nrf2 pathway and mitochondrial function. <i>Journal of Physiology and Biochemistry</i> , 2016 , 73, 405-414	5	36
43	Role of thyroid hormone homeostasis in obesity-prone and obesity-resistant mice fed a high-fat diet. <i>Metabolism: Clinical and Experimental</i> , 2015 , 64, 566-79	12.7	35
42	Dietary methionine restriction reduces hepatic steatosis and oxidative stress in high-fat-fed mice by promoting HS production. <i>Food and Function</i> , 2019 , 10, 61-77	6.1	34
41	Antihypertensive effect of alcalase generated mung bean protein hydrolysates in spontaneously hypertensive rats. <i>European Food Research and Technology</i> , 2006 , 222, 733-736	3.4	33
40	High-fat-diet-induced obesity is associated with decreased antiinflammatory <i>Lactobacillus reuteri</i> sensitive to oxidative stress in mouse Peyer's patches. <i>Nutrition</i> , 2016 , 32, 265-72	4.8	32
39	Dietary methionine restriction improves the gut microbiota and reduces intestinal permeability and inflammation in high-fat-fed mice. <i>Food and Function</i> , 2019 , 10, 5952-5968	6.1	32
38	Reducing, Radical Scavenging, and Chelation Properties of Fermented Soy Protein Meal Hydrolysate by <i>Lactobacillus plantarum</i> LP6. <i>International Journal of Food Properties</i> , 2011 , 14, 654-665	3	29
37	Dietary methionine restriction regulated energy and protein homeostasis by improving thyroid function in high fat diet mice. <i>Food and Function</i> , 2018 , 9, 3718-3731	6.1	25
36	Health Effects of Dietary Oxidized Tyrosine and Dityrosine Administration in Mice with Nutrimental Strategies. <i>Journal of Agricultural and Food Chemistry</i> , 2017 , 65, 6957-6971	5.7	25
35	Dietary oxidized tyrosine (O-Tyr) stimulates TGF- β -induced extracellular matrix production via the JNK/p38 signaling pathway in rat kidneys. <i>Amino Acids</i> , 2017 , 49, 241-260	3.5	24
34	OPTIMIZED LACTOBACILLUS PLANTARUM LP6 SOLID-STATE FERMENTATION AND PROTEOLYTIC HYDROLYSIS IMPROVE SOME NUTRITIONAL ATTRIBUTES OF SOYBEAN PROTEIN MEAL. <i>Journal of Food Biochemistry</i> , 2011 , 35, 1686-1694	3.3	24
33	Oxidized Pork Induces Oxidative Stress and Inflammation by Altering Gut Microbiota in Mice. <i>Molecular Nutrition and Food Research</i> , 2020 , 64, e1901012	5.9	24
32	Structural and antioxidant modification of wheat peptides modified by the heat and lipid peroxidation product malondialdehyde. <i>Journal of Food Science</i> , 2012 , 77, H16-22	3.4	22

31	Dityrosine administration induces novel object recognition deficits in young adulthood mice. <i>Physiology and Behavior</i> , 2016 , 164, 292-9	3.5	22
30	Dietary methionine restriction ameliorates the impairment of learning and memory function induced by obesity in mice. <i>Food and Function</i> , 2019 , 10, 1411-1425	6.1	22
29	Aqueous extracts from asparagus stems prevent memory impairments in scopolamine-treated mice. <i>Food and Function</i> , 2017 , 8, 1460-1467	6.1	21
28	Evaluation of Antimicrobial, Antioxidant Activities, and Nutritional Values of Fermented Foxtail Millet Extracts by <i>Lactobacillus paracasei</i> Fn032. <i>International Journal of Food Properties</i> , 2013 , 16, 1179-1190	3.190	18
27	Dityrosine administration induces dysfunction of insulin secretion accompanied by diminished thyroid hormones T3 function in pancreas of mice. <i>Amino Acids</i> , 2017 , 49, 1401-1414	3.5	16
26	Association Between Thyroid Hormones, Lipids and Oxidative Stress Markers in Subclinical Hypothyroidism. <i>Journal of Medical Biochemistry</i> , 2015 , 34, 323-331	1.9	16
25	Processing milk causes the formation of protein oxidation products which impair spatial learning and memory in rats.. <i>RSC Advances</i> , 2019 , 9, 22161-22175	3.7	15
24	Effect of dietary oxidized tyrosine products on insulin secretion via the oxidative stress-induced mitochondria damage in mice pancreas. <i>RSC Advances</i> , 2017 , 7, 26809-26826	3.7	15
23	Isolation of <i>Lactobacillus reuteri</i> from Peyer's patches and their effects on sIgA production and gut microbiota diversity. <i>Molecular Nutrition and Food Research</i> , 2016 , 60, 2020-30	5.9	15
22	Dietary methionine restriction improves glucose metabolism in the skeletal muscle of obese mice. <i>Food and Function</i> , 2019 , 10, 2676-2690	6.1	14
21	Dietary Methionine Restriction Ameliorated Fat Accumulation, Systemic Inflammation, and Increased Energy Metabolism by Altering Gut Microbiota in Middle-Aged Mice Administered Different Fat Diets. <i>Journal of Agricultural and Food Chemistry</i> , 2020 , 68, 7745-7756	5.7	14
20	24-Week Exposure to Oxidized Tyrosine Induces Hepatic Fibrosis Involving Activation of the MAPK/TGF- β Signaling Pathway in Sprague-Dawley Rats Model. <i>Oxidative Medicine and Cellular Longevity</i> , 2016 , 2016, 3123294	6.7	13
19	Role of miR-383 and miR-146b in different propensities to obesity in male mice. <i>Journal of Endocrinology</i> , 2017 , 234, 201-216	4.7	12
18	Metabolomic studies on the systemic responses of mice with oxidative stress induced by short-term oxidized tyrosine administration. <i>RSC Advances</i> , 2017 , 7, 28591-28605	3.7	11
17	Antioxidant Activities of Roselle (<i>Hibiscus Sabdariffa</i> L.) Seed Protein Hydrolysate and its Derived Peptide Fractions. <i>International Journal of Food Properties</i> , 2014 , 17, 1998-2011	3	11
16	Dietary Methionine Restriction Upregulates Endogenous H ₂ S via miR-328-3p: A Potential Mechanism to Improve Liver Protein Metabolism Efficiency in a Mouse Model of High-fat-diet-induced Obesity. <i>Molecular Nutrition and Food Research</i> , 2019 , 63, e1800735	5.9	11
15	Spatial Learning and Memory Impairment in Growing Mice Induced by Major Oxidized Tyrosine Product Dityrosine. <i>Journal of Agricultural and Food Chemistry</i> , 2019 , 67, 9039-9049	5.7	10
14	Disparities in the Prevalence of Metabolic Syndrome (MS) and its Components Among University Employees by Age, Gender and Occupation. <i>Journal of Clinical and Diagnostic Research JCDR</i> , 2014 , 8, 65-9	0	10

13	Molecular determinants of thyroid hormone receptor selectivity in a series of phosphonic acid derivatives: 3D-QSAR analysis and molecular docking. <i>Chemico-Biological Interactions</i> , 2015 , 240, 324-355	5	8
12	Dietary methionine restriction improves the impairment of cardiac function in middle-aged obese mice. <i>Food and Function</i> , 2020 , 11, 1764-1778	6.1	8
11	Effects of dietary oxidized tyrosine products on insulin secretion via the thyroid hormone T3-regulated TRH/Akt/mTOR pathway in the pancreas. <i>RSC Advances</i> , 2017 , 7, 54610-54625	3.7	7
10	The effect of diet with different glycemic index on the redox status of duodenum in mice and its underlying mechanism. <i>European Food Research and Technology</i> , 2010 , 230, 935-941	3.4	7
9	Oxidized Pork Induces Disorders of Glucose Metabolism in Mice. <i>Molecular Nutrition and Food Research</i> , 2021 , 65, e2000859	5.9	7
8	Structure-based approach for the study of thyroid hormone receptor binding affinity and subtype selectivity. <i>Journal of Biomolecular Structure and Dynamics</i> , 2016 , 34, 2251-67	3.6	6
7	Effect of different levels of dietary methionine restriction on relieving oxidative stress and behavioral deficits in middle-aged mice fed low-, medium-, or high-fat diet. <i>Journal of Functional Foods</i> , 2020 , 65, 103782	5.1	4
6	In silico study on Eaminoketone derivatives as thyroid hormone receptor inhibitors: a combined 3D-QSAR and molecular docking study. <i>Journal of Biomolecular Structure and Dynamics</i> , 2016 , 34, 2619-2631	3.6	3
5	Antioxidant and antibacterial activities of extracts from <i>Conyza bonariensis</i> growing in Yemen. <i>Pakistan Journal of Pharmaceutical Sciences</i> , 2015 , 28, 129-34	0.4	3
4	Probing the structural requirements for thyroid hormone receptor inhibitory activity of sulfonylnitrophenylthiazoles (SNPTs) using 2D-QSAR and 3D-QSAR approaches. <i>Medicinal Chemistry Research</i> , 2017 , 26, 344-360	2.2	2
3	Dityrosine suppresses the cytoprotective action of thyroid hormone T3 inhibiting thyroid hormone receptor-mediated transcriptional activation.. <i>RSC Advances</i> , 2020 , 10, 21057-21070	3.7	1
2	Oxidized Pork Induces Hepatic Steatosis by Impairing Thyroid Hormone Function in Mice. <i>Molecular Nutrition and Food Research</i> , 2021 , e2100602	5.9	1
1	Chemical Space Charting of Different Parts of Wall.: Upregulation of Expression of Nrf2 and Correlated Antioxidants Enzymes. <i>Molecules</i> , 2020 , 25,	4.8	1