Guo-Wei Le

List of Publications by Year in Descending Order

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	Oxidized Pork Induces Hepatic Steatosis by Impairing Thyroid Hormone Function in Mice. *Molecular Nutrition and Food Research*, **2021**, e2100602	5.9	1
47	Oxidized Pork Induces Disorders of Glucose Metabolism in Mice. *Molecular Nutrition and Food Research*, **2021**, 65, e2000859	5.9	7
46	Dityrosine suppresses the cytoprotective action of thyroid hormone T3 inhibiting thyroid hormone receptor-mediated transcriptional activation.. *RSC Advances*, **2020**, 10, 21057-21070	3.7	1
45	Dietary Methionine Restriction Ameliorated Fat Accumulation, Systemic Inflammation, and Increased Energy Metabolism by Altering Gut Microbiota in Middle-Aged Mice Administered Different Fat Diets. *Journal of Agricultural and Food Chemistry*, **2020**, 68, 7745-7756	5.7	14
44	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. *Journal of Functional Foods*, **2020**, 65, 103782	5.1	4
43	Dietary methionine restriction improves the impairment of cardiac function in middle-aged obese mice. *Food and Function*, **2020**, 11, 1764-1778	6.1	8
42	Oxidized Pork Induces Oxidative Stress and Inflammation by Altering Gut Microbiota in Mice. *Molecular Nutrition and Food Research*, **2020**, 64, e1901012	5.9	24
41	Chemical Space Charting of Different Parts of Wall.: Upregulation of Expression of Nrf2 and Correlated Antioxidants Enzymes. *Molecules*, **2020**, 25,	4.8	1
40	Dietary methionine restriction reduces hepatic steatosis and oxidative stress in high-fat-fed mice by promoting HS production. *Food and Function*, **2019**, 10, 61-77	6.1	34
39	Dietary methionine restriction improves glucose metabolism in the skeletal muscle of obese mice. *Food and Function*, **2019**, 10, 2676-2690	6.1	14
38	Dietary methionine restriction improves the gut microbiota and reduces intestinal permeability and inflammation in high-fat-fed mice. *Food and Function*, **2019**, 10, 5952-5968	6.1	32
37	Processing milk causes the formation of protein oxidation products which impair spatial learning and memory in rats.. *RSC Advances*, **2019**, 9, 22161-22175	3.7	15
36	Spatial Learning and Memory Impairment in Growing Mice Induced by Major Oxidized Tyrosine Product Dityrosine. *Journal of Agricultural and Food Chemistry*, **2019**, 67, 9039-9049	5.7	10
35	Dietary methionine restriction ameliorates the impairment of learning and memory function induced by obesity in mice. *Food and Function*, **2019**, 10, 1411-1425	6.1	22
34	Dietary Methionine Restriction Upregulates Endogenous H S via miR-328-3p: A Potential Mechanism to Improve Liver Protein Metabolism Efficiency in a Mouse Model of High-fat-diet-induced Obesity. *Molecular Nutrition and Food Research*, **2019**, 63, e1800735	5.9	11
33	Dietary methionine restriction regulated energy and protein homeostasis by improving thyroid function in high fat diet mice. *Food and Function*, **2018**, 9, 3718-3731	6.1	25
32	Aqueous extracts from asparagus stems prevent memory impairments in scopolamine-treated mice. *Food and Function*, **2017**, 8, 1460-1467	6.1	21

31	Dityrosine administration induces dysfunction of insulin secretion accompanied by diminished thyroid hormones T3 function in pancreas of mice. *Amino Acids*, **2017**, 49, 1401-1414	3.5	16
30	Role of miR-383 and miR-146b in different propensities to obesity in male mice. *Journal of Endocrinology*, **2017**, 234, 201-216	4.7	12
29	Metabolomic studies on the systemic responses of mice with oxidative stress induced by short-term oxidized tyrosine administration. *RSC Advances*, **2017**, 7, 28591-28605	3.7	11
28	Probing the structural requirements for thyroid hormone receptor inhibitory activity of sulfonylnitrophenylthiazoles (SNPTs) using 2D-QSAR and 3D-QSAR approaches. *Medicinal Chemistry Research*, **2017**, 26, 344-360	2.2	2
27	Effect of dietary oxidized tyrosine products on insulin secretion via the oxidative stress-induced mitochondria damage in mice pancreas. *RSC Advances*, **2017**, 7, 26809-26826	3.7	15
26	Health Effects of Dietary Oxidized Tyrosine and Dityrosine Administration in Mice with Nutrimetabolomic Strategies. *Journal of Agricultural and Food Chemistry*, **2017**, 65, 6957-6971	5.7	25
25	Dietary oxidized tyrosine (O-Tyr) stimulates TGF-β1-induced extracellular matrix production via the JNK/p38 signaling pathway in rat kidneys. *Amino Acids*, **2017**, 49, 241-260	3.5	24
24	Effects of dietary oxidized tyrosine products on insulin secretion via the thyroid hormone T3-regulated TRβ1/Akt/mTOR pathway in the pancreas. *RSC Advances*, **2017**, 7, 54610-54625	3.7	7
23	In silico study on β-aminoketone derivatives as thyroid hormone receptor inhibitors: a combined 3D-QSAR and molecular docking study. *Journal of Biomolecular Structure and Dynamics*, **2016**, 34, 2619-2631	3.6	3
22	Structure-based approach for the study of thyroid hormone receptor binding affinity and subtype selectivity. *Journal of Biomolecular Structure and Dynamics*, **2016**, 34, 2251-67	3.6	6
21	High-fat-diet-induced obesity is associated with decreased antiinflammatory Lactobacillus reuteri sensitive to oxidative stress in mouse Peyer's patches. *Nutrition*, **2016**, 32, 265-72	4.8	32
20	24-Week Exposure to Oxidized Tyrosine Induces Hepatic Fibrosis Involving Activation of the MAPK/TGF-β1 Signaling Pathway in Sprague-Dawley Rats Model. *Oxidative Medicine and Cellular Longevity*, **2016**, 2016, 3123294	6.7	13
19	Regressive Effect of Myricetin on Hepatic Steatosis in Mice Fed a High-Fat Diet. *Nutrients*, **2016**, 8,	6.7	36
18	Isolation of lactobacillus reuteri from Peyer's patches and their effects on sIgA production and gut microbiota diversity. *Molecular Nutrition and Food Research*, **2016**, 60, 2020-30	5.9	15
17	Sodium butyrate protects against oxidative stress in HepG2 cells through modulating Nrf2 pathway and mitochondrial function. *Journal of Physiology and Biochemistry*, **2016**, 73, 405-414	5	36
16	Dityrosine administration induces novel object recognition deficits in young adulthood mice. *Physiology and Behavior*, **2016**, 164, 292-9	3.5	22
15	Association Between Thyroid Hormones, Lipids and Oxidative Stress Markers in Subclinical Hypothyroidism. *Journal of Medical Biochemistry*, **2015**, 34, 323-331	1.9	16
14	Role of thyroid hormone homeostasis in obesity-prone and obesity-resistant mice fed a high-fat diet. *Metabolism: Clinical and Experimental*, **2015**, 64, 566-79	12.7	35

13	Effects of different Lactobacillus reuteri on inflammatory and fat storage in high-fat diet-induced obesity mice model. *Journal of Functional Foods*, **2015**, 14, 424-434	5.1	46
12	Molecular determinants of thyroid hormone receptor selectivity in a series of phosphonic acid derivatives: 3D-QSAR analysis and molecular docking. *Chemico-Biological Interactions*, **2015**, 240, 324-35	5	8
11	Differential effects of quercetin on hippocampus-dependent learning and memory in mice fed with different diets related with oxidative stress. *Physiology and Behavior*, **2015**, 138, 325-31	3.5	68
10	Antioxidant and antibacterial activities of extracts from Conyza bonariensis growing in Yemen. *Pakistan Journal of Pharmaceutical Sciences*, **2015**, 28, 129-34	0.4	3
9	Antioxidant Activities of Roselle (Hibiscus Sabdariffa L.) Seed Protein Hydrolysate and its Derived Peptide Fractions. *International Journal of Food Properties*, **2014**, 17, 1998-2011	3	11
8	Oxidized casein impairs antioxidant defense system and induces hepatic and renal injury in mice. *Food and Chemical Toxicology*, **2014**, 64, 86-93	4.7	44
7	Disparities in the Prevalence of Metabolic Syndrome (MS) and its Components Among University Employees by Age, Gender and Occupation. *Journal of Clinical and Diagnostic Research JCDR*, **2014**, 8, 65-9	0	10
6	Evaluation of Antimicrobial, Antioxidant Activities, and Nutritional Values of Fermented Foxtail Millet Extracts by Lactobacillus paracasei Fn032. *International Journal of Food Properties*, **2013**, 16, 1179-1190	3	18
5	Structural and antioxidant modification of wheat peptides modified by the heat and lipid peroxidation product malondialdehyde. *Journal of Food Science*, **2012**, 77, H16-22	3.4	22
4	OPTIMIZED LACTOBACILLUS PLANTARUM LP6 SOLID-STATE FERMENTATION AND PROTEOLYTIC HYDROLYSIS IMPROVE SOME NUTRITIONAL ATTRIBUTES OF SOYBEAN PROTEIN MEAL. *Journal of Food Biochemistry*, **2011**, 35, 1686-1694	3.3	24
3	Reducing, Radical Scavenging, and Chelation Properties of Fermented Soy Protein Meal Hydrolysate by Lactobacillus plantarum LP6. *International Journal of Food Properties*, **2011**, 14, 654-665	3	29
2	The effect of diet with different glycemic index on the redox status of duodenums in mice and its underlying mechanism. *European Food Research and Technology*, **2010**, 230, 935-941	3.4	7
1	Antihypertensive effect of alcalase generated mung bean protein hydrolysates in spontaneously hypertensive rats. *European Food Research and Technology*, **2006**, 222, 733-736	3.4	33