# Guo-Wei Le

List of Publications by Year
in descending order



| 50 | 1,326 | 257101 24 | 377514 34 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 50 | 50 | 50 | 1737 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | 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, 325-331. | 1.0 | 76 |
| 2 | 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. | 2.1 | 67 |
| 3 | Dietary methionine restriction reduces hepatic steatosis and oxidative stress in high-fat-fed mice by promoting H<sub>2</sub>S production. Food and Function, 2019, 10, 61-77. | 2.1 | 60 |
| 4 | 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. | 1.6 | 59 |
| 5 | 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. | 1.3 | 53 |
| 6 | Oxidized casein impairs antioxidant defense system and induces hepatic and renal injury in mice. Food and Chemical Toxicology, 2014, 64, 86-93. | 1.8 | 52 |
| 7 | Antihypertensive effect of alcalase generated mung bean protein hydrolysates in spontaneously hypertensive rats. European Food Research and Technology, 2006, 222, 733-736. | 1.6 | 48 |
| 8 | Regressive Effect of Myricetin on Hepatic Steatosis in Mice Fed a High-Fat Diet. Nutrients, 2016, 8, 799. | 1.7 | 48 |
| 9 | High-fat-dietâ€“induced obesity is associated with decreased antiinflammatory Lactobacillus reuteri sensitive to oxidative stress in mouse Peyer's patches. Nutrition, 2016, 32, 265-272. | 1.1 | 47 |
| 10 | Role of thyroid hormone homeostasis in obesity-prone and obesity-resistant mice fed a high-fat diet. Metabolism: Clinical and Experimental, 2015, 64, 566-579. | 1.5 | 44 |
| 11 | 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. | 2.4 | 39 |
| 12 | Oxidized Pork Induces Oxidative Stress and Inflammation by Altering Gut Microbiota in Mice. Molecular Nutrition and Food Research, 2020, 64, e1901012. | 1.5 | 37 |
| 13 | Reducing, Radical Scavenging, and Chelation Properties of Fermented Soy Protein Meal Hydrolysate byLactobacillus plantarumLP6. International Journal of Food Properties, 2011, 14, 654-665. | 1.3 | 36 |
| 14 | Dietary methionine restriction regulated energy and protein homeostasis by improving thyroid function in high fat diet mice. Food and Function, 2018, 9, 3718-3731. | 2.1 | 36 |
| 15 | Dietary methionine restriction ameliorates the impairment of learning and memory function induced by obesity in mice. Food and Function, 2019, 10, 1411-1425. | 2.1 | 36 |
| 16 | Health Effects of Dietary Oxidized Tyrosine and Dityrosine Administration in Mice with Nutrimetabolomic Strategies. Journal of Agricultural and Food Chemistry, 2017, 65, 6957-6971. | 2.4 | 35 |
| 17 | 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. | 1.2 | 32 |
| 18 | Dietary oxidized tyrosine (O-Tyr) stimulates TGF-Î²1-induced extracellular matrix production via the JNK/p38 signaling pathway in rat kidneys. Amino Acids, 2017, 49, 241-260. | 1.2 | 31 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Dityrosine administration induces novel object recognition deficits in young adulthood mice. Physiology and Behavior, 2016, 164, 292-299. | 1.0 | 27 |
| 20 | Structural and Antioxidant Modification of Wheat Peptides Modified by the Heat and Lipid Peroxidation Product Malondialdehyde. Journal of Food Science, 2012, 77, H16-22. | 1.5 | 26 |
| 21 | 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, 2020-2030. | 1.5 | 26 |
| 22 | Aqueous extracts from asparagus stems prevent memory impairments in scopolamine-treated mice. Food and Function, 2017, 8, 1460-1467. | 2.1 | 26 |
| 23 | Evaluation of Antimicrobial, Antioxidant Activities, and Nutritional Values of Fermented Foxtail Millet Extracts byLactobacillus paracaseiFn032. International Journal of Food Properties, 2013, 16, 1179-1190. | 1.3 | 25 |
| 24 | Processing milk causes the formation of protein oxidation products which impair spatial learning and memory in rats. RSC Advances, 2019, 9, 22161-22175. | 1.7 | 25 |
| 25 | Dietary methionine restriction improves glucose metabolism in the skeletal muscle of obese mice. Food and Function, 2019, 10, 2676-2690. | 2.1 | 25 |
| 26 | Association Between Thyroid Hormones, Lipids and Oxidative Stress Markers in Subclinical Hypothyroidism / Povezanost IzmeU Tireoidnih Hormona, Lipida I Markera Oksidativnog Stresa U SubkliniÄ‰Koj Hipotireozi. Journal of Medical Biochemistry, 2015, 34, 323-331. | 0.7 | 24 |
| 27 | Dietary Methionine Restriction Upregulates Endogenous H<sub>2</sub>S via miRâ€328â€3p: A Potential Mechanism to Improve Liver Protein Metabolism Efficiency in a Mouse Model of Highâ€fatâ€dietâ€induced Obesity. Molecular Nutrition and Food Research, 2019, 63, e1800735. | 1.5 | 24 |
| 28 | 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. | 1.7 | 22 |
| 29 | Antioxidant Activities of Roselle(Hibiscus Sabdariffa L.) Seed Protein Hydrolysate and its Derived Peptide Fractions. International Journal of Food Properties, 2014, 17, 1998-2011. | 1.3 | 20 |
| 30 | Dityrosine administration induces dysfunction of insulin secretion accompanied by diminished thyroid hormones T3 function in pancreas of mice. Amino Acids, 2017, 49, 1401-1414. | 1.2 | 20 |
| 31 | 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. | 2.4 | 20 |
| 32 | 24-Week Exposure to Oxidized Tyrosine Induces Hepatic Fibrosis Involving Activation of the MAPK/TGF-Î²1 Signaling Pathway in Sprague-Dawley Rats Model. Oxidative Medicine and Cellular Longevity, 2016, 2016, 1-12. | 1.9 | 19 |
| 33 | Dietary methionine restriction improves the impairment of cardiac function in middle-aged obese mice. Food and Function, 2020, 11, 1764-1778. | 2.1 | 17 |
| 34 | Role of miR-383 and miR-146b in different propensities to obesity in male mice. Journal of Endocrinology, 2017, 234, 201-216. | 1.2 | 16 |
| 35 | Metabolomic studies on the systemic responses of mice with oxidative stress induced by short-term oxidized tyrosine administration. RSC Advances, 2017, 7, 28591-28605. | 1.7 | 16 |
| 36 | Oxidized Pork Induces Disorders of Glucose Metabolism inÂMice. Molecular Nutrition and Food Research, 2021, 65, e2000859. | 1.5 | 14 |

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|---|---|---|---|
| 37 | 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. | 0.8 | 12 |
| 38 | Effects of dietary oxidized tyrosine products on insulin secretion via the thyroid hormone T3-regulated TRÎ²1â€“Aktâ€“mTOR pathway in the pancreas. RSC Advances, 2017, 7, 54610-54625. | 1.7 | 12 |
| 39 | Oxidized Pork Induces Hepatic Steatosis by Impairing Thyroid Hormone Function in Mice. Molecular Nutrition and Food Research, 2022, 66, e2100602. | 1.5 | 11 |
| 40 | 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, 324-335. | 1.7 | 9 |
| 41 | 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. | 1.6 | 9 |
| 42 | Structure-based approach for the study of thyroid hormone receptor binding affinity and subtype selectivity. Journal of Biomolecular Structure and Dynamics, 2016, 34, 2251-2267. | 2.0 | 8 |
| 43 | 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. | 1.6 | 7 |
| 44 | Metabolomics Based on 1H-NMR Reveal the Regulatory Mechanisms of Dietary Methionine Restriction on Splenic Metabolic Dysfunction in Obese Mice. Foods, 2021, 10, 2439. | 1.9 | 6 |
| 45 | Chemical Space Charting of Different Parts of Inula nervosa Wall.: Upregulation of Expression of Nrf2 and Correlated Antioxidants Enzymes. Molecules, 2020, 25, 4789. | 1.7 | 5 |
| 46 | Antioxidant and antibacterial activities of extracts from Conyza bonariensis growing in Yemen. Pakistan Journal of Pharmaceutical Sciences, 2015, 28, 129-34. | 0.2 | 5 |
| 47 | In silico study on Î²-aminoketone derivatives as thyroid hormone receptor inhibitors: a combined 3D-QSAR and molecular docking study. Journal of Biomolecular Structure and Dynamics, 2016, 34, 1-13. | 2.0 | 4 |
| 48 | Dityrosine suppresses the cytoprotective action of thyroid hormone T3viainhibiting thyroid hormone receptor-mediated transcriptional activation. RSC Advances, 2020, 10, 21057-21070. | 1.7 | 4 |
| 49 | High dietary methionine intake may contribute to the risk of nonalcoholic fatty liver disease by inhibiting hepatic H2S production. Food Research International, 2022, 158, 111507. | 2.9 | 4 |
| 50 | 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. | 1.1 | 2 |