

# Guowei Le

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

40  
papers

702  
citations

16  
h-index

25  
g-index

44  
ext. papers

901  
ext. citations

4.2  
avg, IF

4.09  
L-index

#	Paper	IF	Citations
40	Oxidized Pork Induces Hepatic Steatosis by Impairing Thyroid Hormone Function in Mice. <i>Molecular Nutrition and Food Research</i> , <b>2021</b> , e2100602	5.9	1
39	Effects of resveratrol on mitochondrial biogenesis and physiological diseases. <i>Advances in Traditional Medicine</i> , <b>2021</b> , 21, 1-14	1.4	3
38	Oxidized Pork Induces Disorders of Glucose Metabolism in Mice. <i>Molecular Nutrition and Food Research</i> , <b>2021</b> , 65, e2000859	5.9	7
37	Dityrosine suppresses the cytoprotective action of thyroid hormone T3 inhibiting thyroid hormone receptor-mediated transcriptional activation.. <i>RSC Advances</i> , <b>2020</b> , 10, 21057-21070	3.7	1
36	Dietary methionine restriction improves the impairment of cardiac function in middle-aged obese mice. <i>Food and Function</i> , <b>2020</b> , 11, 1764-1778	6.1	8
35	Oxidized Pork Induces Oxidative Stress and Inflammation by Altering Gut Microbiota in Mice. <i>Molecular Nutrition and Food Research</i> , <b>2020</b> , 64, e1901012	5.9	24
34	Sea Cucumber Peptides Improved the Mitochondrial Capacity of Mice: A Potential Mechanism to Enhance Gluconeogenesis and Fat Catabolism during Exercise for Improved Antifatigue Property. <i>Oxidative Medicine and Cellular Longevity</i> , <b>2020</b> , 2020, 4604387	6.7	4
33	Effect of the heating process on the physicochemical characteristics and nutritional properties of whole cotyledon soymilk and tofu.. <i>RSC Advances</i> , <b>2020</b> , 10, 40625-40636	3.7	2
32	IgA-Targeted Modulated Gut Barrier and Microbiota in High-Fat Diet-Fed Mice. <i>Frontiers in Microbiology</i> , <b>2019</b> , 10, 1179	5.7	9
31	Dietary methionine restriction improves the gut microbiota and reduces intestinal permeability and inflammation in high-fat-fed mice. <i>Food and Function</i> , <b>2019</b> , 10, 5952-5968	6.1	32
30	Processing milk causes the formation of protein oxidation products which impair spatial learning and memory in rats.. <i>RSC Advances</i> , <b>2019</b> , 9, 22161-22175	3.7	15
29	Thymoquinone ameliorates obesity-induced metabolic dysfunction, improves reproductive efficiency exhibiting a dose-organ relationship. <i>Systems Biology in Reproductive Medicine</i> , <b>2019</b> , 65, 367-382	3.9	7
28	Spatial Learning and Memory Impairment in Growing Mice Induced by Major Oxidized Tyrosine Product Dityrosine. <i>Journal of Agricultural and Food Chemistry</i> , <b>2019</b> , 67, 9039-9049	5.7	10
27	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. <i>Molecular Nutrition and Food Research</i> , <b>2019</b> , 63, e1800735	5.9	11
26	Association of hyperuricemia with metabolic syndrome among university workers: sex and occupational differences. <i>African Health Sciences</i> , <b>2018</b> , 18, 842-851	1.1	8
25	Protective effects of ̢-aminobutyric acid against HO-induced oxidative stress in RIN-m5F pancreatic cells. <i>Nutrition and Metabolism</i> , <b>2018</b> , 15, 60	4.6	14
24	Dityrosine administration induces dysfunction of insulin secretion accompanied by diminished thyroid hormones T3 function in pancreas of mice. <i>Amino Acids</i> , <b>2017</b> , 49, 1401-1414	3.5	16

23	Metabolomic studies on the systemic responses of mice with oxidative stress induced by short-term oxidized tyrosine administration. <i>RSC Advances</i> , <b>2017</b> , 7, 28591-28605	3.7	11
22	Statistical methods and molecular docking for the prediction of thyroid hormone receptor subtype binding affinity and selectivity. <i>Structural Chemistry</i> , <b>2017</b> , 28, 833-847	1.8	2
21	Effect of dietary oxidized tyrosine products on insulin secretion via the oxidative stress-induced mitochondria damage in mice pancreas. <i>RSC Advances</i> , <b>2017</b> , 7, 26809-26826	3.7	15
20	Health Effects of Dietary Oxidized Tyrosine and Dityrosine Administration in Mice with Nutrimental Strategies. <i>Journal of Agricultural and Food Chemistry</i> , <b>2017</b> , 65, 6957-6971	5.7	25
19	Salvianolic Acid B Inhibits High-Fat Diet-Induced Inflammation by Activating the Nrf2 Pathway. <i>Journal of Food Science</i> , <b>2017</b> , 82, 1953-1960	3.4	19
18	Dietary oxidized tyrosine (O-Tyr) stimulates TGF- $\beta$ -induced extracellular matrix production via the JNK/p38 signaling pathway in rat kidneys. <i>Amino Acids</i> , <b>2017</b> , 49, 241-260	3.5	24
17	Effects of dietary oxidized tyrosine products on insulin secretion via the thyroid hormone T3-regulated TRK/Akt/mTOR pathway in the pancreas. <i>RSC Advances</i> , <b>2017</b> , 7, 54610-54625	3.7	7
16	Membrane damage as first and DNA as the secondary target for anti-candidal activity of antimicrobial peptide P7 derived from cell-penetrating peptide ppTG20 against <i>Candida albicans</i> . <i>Journal of Peptide Science</i> , <b>2016</b> , 22, 427-33	2.1	6
15	Cardioprotective effects of lipoic acid, quercetin and resveratrol on oxidative stress related to thyroid hormone alterations in long-term obesity. <i>Journal of Nutritional Biochemistry</i> , <b>2016</b> , 33, 36-44	6.3	27
14	Type 1 5 $\alpha$ -deiodinase activity is inhibited by oxidative stress and restored by alpha-lipoic acid in HepG2 cells. <i>Biochemical and Biophysical Research Communications</i> , <b>2016</b> , 472, 496-501	3.4	16
13	Mechanism of antifungal activity of antimicrobial peptide APP, a cell-penetrating peptide derivative, against <i>Candida albicans</i> : intracellular DNA binding and cell cycle arrest. <i>Applied Microbiology and Biotechnology</i> , <b>2016</b> , 100, 3245-53	5.7	54
12	24-Week Exposure to Oxidized Tyrosine Induces Hepatic Fibrosis Involving Activation of the MAPK/TGF- $\beta$ Signaling Pathway in Sprague-Dawley Rats Model. <i>Oxidative Medicine and Cellular Longevity</i> , <b>2016</b> , 2016, 3123294	6.7	13
11	Sodium butyrate protects against oxidative stress in HepG2 cells through modulating Nrf2 pathway and mitochondrial function. <i>Journal of Physiology and Biochemistry</i> , <b>2016</b> , 73, 405-414	5	36
10	Dityrosine administration induces novel object recognition deficits in young adulthood mice. <i>Physiology and Behavior</i> , <b>2016</b> , 164, 292-9	3.5	22
9	A cell-penetrating peptide analogue, P7, exerts antimicrobial activity against <i>Escherichia coli</i> ATCC25922 via penetrating cell membrane and targeting intracellular DNA. <i>Food Chemistry</i> , <b>2015</b> , 166, 231-239	8.5	34
8	Preparation and structural characterization of poly-mannose synthesized by phosphoric acid catalyzed under microwave irradiation. <i>Carbohydrate Polymers</i> , <b>2015</b> , 121, 355-61	10.3	12
7	Resveratrol restores the circadian rhythmic disorder of lipid metabolism induced by high-fat diet in mice. <i>Biochemical and Biophysical Research Communications</i> , <b>2015</b> , 458, 86-91	3.4	63
6	Rapid microwave-assisted synthesis of polydextrose and identification of structure and function. <i>Carbohydrate Polymers</i> , <b>2014</b> , 113, 225-30	10.3	21

5	Oxidized casein impairs antioxidant defense system and induces hepatic and renal injury in mice. <i>Food and Chemical Toxicology</i> , <b>2014</b> , 64, 86-93	4.7	44
4	Propensity to high-fat diet-induced obesity in mice is associated with the indigenous opportunistic bacteria on the interior of Peyer's patches. <i>Journal of Clinical Biochemistry and Nutrition</i> , <b>2014</b> , 55, 120-8 <sup>3-1</sup>		37
3	Increased oxidative stress and the apoptosis of regulatory T cells in obese mice but not resistant mice in response to a high-fat diet. <i>Cellular Immunology</i> , <b>2014</b> , 288, 39-46	4.4	15
2	First studies of embryonic and larval development of <i>Coilia nasus</i> (Engraulidae) under controlled conditions. <i>Aquaculture Research</i> , <b>2011</b> , 42, 593-601	1.9	11
1	Electrochemiluminescence Detection of Clarithromycin in Biological Fluids after Capillary Electrophoresis Separation. <i>Analytical Letters</i> , <b>2008</b> , 41, 1184-1199	2.2	15