Guowei Le

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/815166/publications.pdf

Version: 2024-02-01

41	1,073	393982	433756
papers	citations	19 h-index	31 g-index

44	44	44	1521
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Mechanism of antifungal activity of antimicrobial peptide APP, a cell-penetrating peptide derivative, against Candida albicans: intracellular DNA binding and cell cycle arrest. Applied Microbiology and Biotechnology, 2016, 100, 3245-3253.	1.7	98
2	Resveratrol restores the circadian rhythmic disorder of lipid metabolism induced by high-fat diet in mice. Biochemical and Biophysical Research Communications, 2015, 458, 86-91.	1.0	88
3	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
4	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
5	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
6	Propensity to high-fat diet-induced obesity in mice is associated with the indigenous opportunistic bacteria on the interior of Peyerâ€™s patches. Journal of Clinical Biochemistry and Nutrition, 2014, 55, 120-128.	0.6	45
7	A cell-penetrating peptide analogue, P7, exerts antimicrobial activity against Escherichia coli ATCC25922 via penetrating cell membrane and targeting intracellular DNA. Food Chemistry, 2015, 166, 231-239.	4.2	41
8	Cardioprotective effects of lipoic acid, quercetin and resveratrol on oxidative stress related to thyroid hormone alterations in long-term obesity. Journal of Nutritional Biochemistry, 2016, 33, 36-44.	1.9	37
9	Oxidized Pork Induces Oxidative Stress and Inflammation by Altering Gut Microbiota in Mice. Molecular Nutrition and Food Research, 2020, 64, e1901012.	1.5	37
10	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
11	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
12	Salvianolic Acid B Inhibits Highâ€Fat Dietâ€Induced Inflammation by Activating the Nrf2 Pathway. Journal of Food Science, 2017, 82, 1953-1960.	1.5	29
13	Rapid microwave-assisted synthesis of polydextrose and identification of structure and function. Carbohydrate Polymers, 2014, 113, 225-230.	5.1	28
14	Dityrosine administration induces novel object recognition deficits in young adulthood mice. Physiology and Behavior, 2016, 164, 292-299.	1.0	27
15	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
16	Dietary Methionine Restriction Upregulates Endogenous H₂S 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
17	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
18	IgA-Targeted Lactobacillus jensenii Modulated Gut Barrier and Microbiota in High-Fat Diet-Fed Mice. Frontiers in Microbiology, 2019, 10, 1179.	1.5	22

#	Article	IF	Citations
19	Protective effects of Î³-aminobutyric acid against H2O2-induced oxidative stress in RIN-m5F pancreatic cells. Nutrition and Metabolism, 2018, 15, 60.	1.3	21
20	Increased oxidative stress and the apoptosis of regulatory T cells in obese mice but not resistant mice in response to a high-fat diet. Cellular Immunology, 2014, 288, 39-46.	1.4	20
21	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
22	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
23	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
24	Type 1 5â€²-deiodinase activity is inhibited by oxidative stress and restored by alpha-lipoic acid in HepG2 cells. Biochemical and Biophysical Research Communications, 2016, 472, 496-501.	1.0	19
25	Sea Cucumber Peptides Improved the Mitochondrial Capacity of Mice: A Potential Mechanism to Enhance Gluconeogenesis and Fat Catabolism during Exercise for Improved Antifatigue Property. Oxidative Medicine and Cellular Longevity, 2020, 2020, 1-17.	1.9	19
26	Dietary methionine restriction improves the impairment of cardiac function in middle-aged obese mice. Food and Function, 2020, 11, 1764-1778.	2.1	17
27	Preparation and structural characterization of poly-mannose synthesized by phosphoric acid catalyzation under microwave irradiation. Carbohydrate Polymers, 2015, 121, 355-361.	5.1	16
28	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
29	Electrochemiluminescence Detection of Clarithromycin in Biological Fluids after Capillary Electrophoresis Separation. Analytical Letters, 2008, 41, 1184-1199.	1.0	15
30	Oxidized Pork Induces Disorders of Glucose Metabolism inÂMice. Molecular Nutrition and Food Research, 2021, 65, e2000859.	1.5	14
31	Association of hyperuricemia with metabolic syndrome among university workers: sex and occupational differences. African Health Sciences, 2018, 18, 842.	0.3	13
32	Thymoquinone ameliorates obesity-induced metabolic dysfunction, improves reproductive efficiency exhibiting a dose-organ relationship. Systems Biology in Reproductive Medicine, 2019, 65, 367-382.	1.0	13
33	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
34	First studies of embryonic and larval development of Coilia nasus (Engraulidae) under controlled conditions. Aquaculture Research, 2011, 42, 593-601.	0.9	11
35	Oxidized Pork Induces Hepatic Steatosis by Impairing Thyroid Hormone Function in Mice. Molecular Nutrition and Food Research, 2022, 66, e2100602.	1.5	11
36	Membrane damage as first and DNA as the secondary target for antiâ€candidal activity of antimicrobial peptide P7 derived from cellâ€penetrating peptide ppTG20 against Candida albicans. Journal of Peptide Science, 2016, 22, 427-433.	0.8	10

#	Article	IF	Citations
37	Effect of the heating process on the physicochemical characteristics and nutritional properties of whole cotyledon soymilk and tofu. RSC Advances, 2020, 10, 40625-40636.	1.7	7
38	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
39	Effects of resveratrol on mitochondrial biogenesis and physiological diseases. Advances in Traditional Medicine, 2021, 21, 1-14.	1.0	5
40	Dityrosine suppresses the cytoprotective action of thyroid hormone T3viainhibiting thyroid hormone receptor-mediated transcriptional activation. RSC Advances, 2020, 10, 21057-21070.	1.7	4
41	Statistical methods and molecular docking for the prediction of thyroid hormone receptor subtype binding affinity and selectivity. Structural Chemistry, 2017, 28, 833-847.	1.0	3