

Xue Tang

List of Publications by Year in descending order

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56
papers

1,433
citations

331259

21
h-index

360668

35
g-index

58
all docs

58
docs citations

58
times ranked

2259
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of resveratrol on gut microbiota and fat storage in a mouse model with high-fat-induced obesity. <i>Food and Function</i> , 2014, 5, 1241.	2.1	283
2	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, 325-331.	1.0	76
3	Dietary methionine restriction reduces hepatic steatosis and oxidative stress in high-fat-fed mice by promoting H ₂ S production. <i>Food and Function</i> , 2019, 10, 61-77.	2.1	60
4	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.	1.3	53
5	Effects of heat treatment on structural modification and in vivo antioxidant capacity of soy protein. <i>Nutrition</i> , 2012, 28, 1180-1185.	1.1	50
6	Regressive Effect of Myricetin on Hepatic Steatosis in Mice Fed a High-Fat Diet. <i>Nutrients</i> , 2016, 8, 799.	1.7	48
7	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, 566-579.	1.5	44
8	Combined effect of electrolyzed oxidizing water and chitosan on the microbiological, physicochemical, and sensory attributes of American shad (<i>Alosa sapidissima</i>) during refrigerated storage. <i>Food Control</i> , 2014, 46, 397-402.	2.8	39
9	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.	2.4	39
10	<i>Rhizobium rhizoryzae</i> sp. nov., isolated from rice roots. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2014, 64, 1373-1377.	0.8	37
11	Oxidized Pork Induces Oxidative Stress and Inflammation by Altering Gut Microbiota in Mice. <i>Molecular Nutrition and Food Research</i> , 2020, 64, e1901012.	1.5	37
12	Effect of long-term moderate exercise on muscle cellularity and texture, antioxidant activities, tissue composition, freshness indicators and flavor characteristics in largemouth bass (<i>Micropterus</i>) Tj ETQq0 0 0 rgBT /Overlock 101f 50 297		
13	First-Principles Predictions of Janus MoSSe and WSSe for FET Applications. <i>Journal of Physical Chemistry C</i> , 2020, 124, 21197-21206.	1.5	31
14	Comparison of surgical fixation and nonsurgical management of flail chest and pulmonary contusion. <i>American Journal of Emergency Medicine</i> , 2015, 33, 937-940.	0.7	30
15	Evaluating the Activity of Sodium Butyrate to Prevent Osteoporosis in Rats by Promoting Osteal GSK-3 β /Nrf2 Signaling and Mitochondrial Function. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 6588-6603.	2.4	30
16	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.	1.5	26
17	Effects of Dehydroepiandrosterone (DHEA) on Hepatic Lipid Metabolism Parameters and Lipogenic Gene mRNA Expression in Broiler Chickens. <i>Lipids</i> , 2007, 42, 1025-33.	0.7	24
18	Bioactive eudesmane and germacrane derivatives from <i>Inula wissmanniana</i> Hand.-Mazz.. <i>Phytochemistry</i> , 2013, 96, 214-222.	1.4	24

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19	Obesity prevention of synthetic polysaccharides in high-fat diet fed C57BL/6 mice. <i>Journal of Functional Foods</i> , 2015, 17, 563-574.	1.6	24
20	<p>Superparamagnetic iron oxide nanoparticle-mediated expression of miR-326 inhibits human endometrial carcinoma stem cell growth</p>. <i>International Journal of Nanomedicine</i> , 2019, Volume 14, 2719-2731.	3.3	24
21	Functional tissue-engineered bone-like graft made of a fibrin scaffold and TG2 gene-modified EMSCs for bone defect repair. <i>NPG Asia Materials</i> , 2021, 13, .	3.8	24
22	Protective effects of Î³-aminobutyric acid against H2O2-induced oxidative stress in RIN-m5F pancreatic cells. <i>Nutrition and Metabolism</i> , 2018, 15, 60.	1.3	21
23	Type 1 5â€²-deiodinase activity is inhibited by oxidative stress and restored by alpha-lipoic acid in HepG2 cells. <i>Biochemical and Biophysical Research Communications</i> , 2016, 472, 496-501.	1.0	19
24	Quality parameters of black carp (<i>Mylopharyngodon piceus</i>) raised in lotic and lentic freshwater systems. <i>LWT - Food Science and Technology</i> , 2018, 90, 45-52.	2.5	19
25	Myricetin alleviated hepatic steatosis by acting on microRNA-146b/thyroid hormone receptor b pathway in high-fat diet fed C57BL/6J mice. <i>Food and Function</i> , 2019, 10, 1465-1477.	2.1	19
26	Expression and significance of HIF-1Î± in pulmonary fibrosis induced by paraquat. <i>Experimental Biology and Medicine</i> , 2013, 238, 1062-1068.	1.1	18
27	The expression of serum steroid sex hormones and steroidogenic enzymes following intraperitoneal administration of dehydroepiandrosterone (DHEA) in male rats. <i>Steroids</i> , 2010, 75, 213-218.	0.8	16
28	Differences in muscle cellularity and flesh quality between wild and farmed <i>Coilia nasus</i> (Engraulidae). <i>Journal of the Science of Food and Agriculture</i> , 2012, 92, 1504-1510.	1.7	16
29	Salvianolic acid B counteracts cognitive decline triggered by oxidative stress in mice fed with high-fat diets. <i>Journal of Functional Foods</i> , 2014, 11, 278-292.	1.6	16
30	Role of miR-383 and miR-146b in different propensities to obesity in male mice. <i>Journal of Endocrinology</i> , 2017, 234, 201-216.	1.2	16
31	Benefits of blended oil consumption over other sources of lipids on the cardiovascular system in obese rats. <i>Food and Function</i> , 2019, 10, 5290-5301.	2.1	16
32	Paraquat-induced pulmonary fibrosis starts at an early stage of inflammation in rats. <i>Immunotherapy</i> , 2012, 4, 1809-1815.	1.0	15
33	Dietary Dityrosine Induces Mitochondrial Dysfunction by Diminished Thyroid Hormone Function in Mouse Myocardia. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 9223-9234.	2.4	15
34	Noni (<i>Morinda citrifolia</i>) wine prevents the oxidative stress and obesity in mice induced by high-fat diet. <i>Journal of Food Biochemistry</i> , 2020, 44, e13460.	1.2	14
35	Oxidized Pork Induces Disorders of Glucose Metabolism in Mice. <i>Molecular Nutrition and Food Research</i> , 2021, 65, e2000859.	1.5	14
36	Effects of maternal treatment of dehydroepiandrosterone (DHEA) on serum lipid profile and hepatic lipid metabolism-related gene expression in embryonic chickens. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2010, 155, 380-386.	0.7	13

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37	Effects of dietary oxidized tyrosine products on insulin secretion via the thyroid hormone T3-regulated TR11AktmTOR pathway in the pancreas. <i>RSC Advances</i> , 2017, 7, 54610-54625.	1.7	12
38	Use of Comparative Proteomics to Identify Key Proteins Related to Hepatic Lipid Metabolism in Broiler Chickens: Evidence Accounting for Differential Fat Deposition Between Strains. <i>Lipids</i> , 2010, 45, 81-89.	0.7	11
39	First studies of embryonic and larval development of <i>Coilia nasus</i> (Engraulidae) under controlled conditions. <i>Aquaculture Research</i> , 2011, 42, 593-601.	0.9	11
40	Comparative in vivo antioxidant capacity of DL-2-hydroxy-4-methylthiobutanoic acid (HMTBA) and DL-methionine in male mice fed a high-fat diet. <i>Journal of the Science of Food and Agriculture</i> , 2011, 91, n/a-n/a.	1.7	11
41	Oxidized Pork Induces Hepatic Steatosis by Impairing Thyroid Hormone Function in Mice. <i>Molecular Nutrition and Food Research</i> , 2022, 66, e2100602.	1.5	11
42	Dehydroepiandrosterone activates cyclic adenosine 3',5'-monophosphate/protein kinase A signalling and suppresses sterol regulatory element-binding protein-1 expression in cultured primary chicken hepatocytes. <i>British Journal of Nutrition</i> , 2009, 102, 680-686.	1.2	10
43	Comparative proteomics and phosphoproteomics analyses of DHEA-induced on hepatic lipid metabolism in broiler chickens. <i>Steroids</i> , 2011, 76, 1566-1574.	0.8	9
44	A comparison study of the influence of milk protein versus whey protein in high-protein diets on adiposity in rats. <i>Food and Function</i> , 2021, 12, 1008-1019.	2.1	9
45	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.	1.6	9
46	Major yolk protein from sea cucumber (<i>Stichopus japonicus</i>) attenuates acute colitis via regulation of microbial dysbiosis and inflammatory responses. <i>Food Research International</i> , 2022, 151, 110841.	2.9	8
47	Repeated pulse intramuscular injection of pralidoxime chloride in severe acute organophosphorus pesticide poisoning. <i>American Journal of Emergency Medicine</i> , 2013, 31, 946-949.	0.7	7
48	Differences in energy metabolism and mitochondrial redox status account for the differences in propensity for developing obesity in rats fed on high-fat diet. <i>Food Science and Nutrition</i> , 2021, 9, 1603-1613.	1.5	6
49	Effects of dynamic ventilatory factors on ventilator-induced lung injury in acute respiratory distress syndrome dogs. <i>World Journal of Emergency Medicine</i> , 2012, 3, 287.	0.5	6
50	Black Phosphorus Nanoparticles Promote Osteogenic Differentiation of EMSCs Through Upregulated TG2 Expression. <i>Nanoscale Research Letters</i> , 2021, 16, 154.	3.1	6
51	Lycopene Regulates Dietary Dityrosine-Induced Mitochondrial Lipid Homeostasis by Increasing Mitochondrial Complex Activity. <i>Molecular Nutrition and Food Research</i> , 2021, , 2100724.	1.5	6
52	Effects of resveratrol on mitochondrial biogenesis and physiological diseases. <i>Advances in Traditional Medicine</i> , 2021, 21, 1-14.	1.0	5
53	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.	0.2	5
54	The effect of dehydroepiandrosterone on lipogenic gene mRNA expression in cultured primary chicken hepatocytes. <i>European Journal of Lipid Science and Technology</i> , 2009, 111, 432-441.	1.0	4

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55	Sodium butyrate protects against oxidative stress in high-fat diet-induced obese rats by promoting GSK β /Nrf2 signaling pathway and mitochondrial function. Journal of Food Biochemistry, 2022, 46, .	1.2	3
56	Spermatozoal ultrastructure and the main biological characteristics of Paracanthobrama guichenoti. , 2011, , .		0