Tai L Guo

List of Publications by Year
in descending order

49 papers	921 citations	471371 17 h-index	477173 29 g-index
49 all docs	49 docs citations	49 times ranked	1217 citing authors

#	Article	IF	Citations
1	Genistein Modulates Immune Responses and Increases Host Resistance to B16F10 Tumor in Adult Female B6C3F1 Mice. Journal of Nutrition, 2001, 131, 3251-3258.	1.3	105
2	Developmental Bisphenol A Exposure Modulates Immune-Related Diseases. Toxics, 2016, 4, 23.	1.6	77
3	TCDD modulation of gut microbiome correlated with liver and immune toxicity in streptozotocin (STZ)-induced hyperglycemic mice. Toxicology and Applied Pharmacology, 2016, 304, 48-58.	1.3	60
4	Genistein prevention of hyperglycemia and improvement of glucose tolerance in adult non-obese diabetic mice are associated with alterations of gut microbiome and immune homeostasis. Toxicology and Applied Pharmacology, 2017, 332, 138-148.	1.3	57
5	Toxicity of bisphenol analogues on the reproductive, nervous, and immune systems, and their relationships to gut microbiome and metabolism: insights from a multi-species comparison. Critical Reviews in Toxicology, 2021, 51, 283-300.	1.9	47
6	Genistein Protects Female Nonobese Diabetic Mice from Developing Type 1 Diabetes When Fed a Soy- and Alfalfa-free Diet. Toxicologic Pathology, 2015, 43, 435-448.	0.9	40
7	Decreased 7,12-dimethylbenz[a]anthracene-induced carcinogenesis coincides with the induction of antitumor immunities in adult female B6C3F1 mice pretreated with genistein. Carcinogenesis, 2007, 28, 2560-2566.	1.3	39
8	Modulation of cytokine/chemokine production in human macrophages by bisphenol A: A comparison to analogues and interactions with genistein. Journal of Immunotoxicology, 2018, 15, 96-103.	0.9	31
9	Bisphenol A alteration of type 1 diabetes in non-obese diabetic (NOD) female mice is dependent on window of exposure. Archives of Toxicology, 2019, 93, 1083-1093.	1.9	31
10	Sex-dependent effects of bisphenol A on type 1 diabetes development in non-obese diabetic (NOD) mice. Archives of Toxicology, 2019, 93, 997-1008.	1.9	30
11	Subchronic exposure to cellulose nanofibrils induces nutritional risk by non-specifically reducing the intestinal absorption. Carbohydrate Polymers, 2020, 229, 115536.	5.1	28
12	Antifungal activity of Brevibacillus laterosporus JX-5 and characterization of its antifungal components. World Journal of Microbiology and Biotechnology, 2015, 31, 1605-1618.	1.7	27
13	Improving the thermostability of Î²-lactoglobulin via glycation: The effect of sugar structures. Food Research International, 2015, 69, 106-113.	2.9	25
14	Isoflavone daidzein regulates immune responses in the B6C3F1 and non-obese diabetic (NOD) mice. International Immunopharmacology, 2019, 71, 277-284.	1.7	22
15	Bisphenol S Modulates Type 1 Diabetes Development in Non-Obese Diabetic (NOD) Mice with Diet- and Sex-Related Effects. Toxics, 2019, 7, 35.	1.6	20
16	Genistein modulation of streptozotocin diabetes in male B6C3F1 mice can be induced by diet. Toxicology and Applied Pharmacology, 2014, 280, 455-466.	1.3	19
17	Antibacterial and antitumor activity of Bogorol B-JX isolated from Brevibacillus laterosporus JX-5. World Journal of Microbiology and Biotechnology, 2017, 33, 177.	1.7	18
18	Exacerbation of Type 1 Diabetes in Perinatally Genistein Exposed Female Non-Obese Diabetic (NOD) Mouse Is Associated With Alterations of Gut Microbiota and Immune Homeostasis. Toxicological Sciences, 2018, 165, 291-301.	1.4	18

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19	Stimulation of the Immune Response in B6C3F1 Mice by Genistein Is Affected by Exposure Duration, Gender, and Litter Order. Journal of Nutrition, 2005, 135, 2449-2456.	1.3	17
20	Transplantation of mesenchymal stem cells into the renal medulla attenuated salt-sensitive hypertension in Dahl S rat. Journal of Molecular Medicine, 2014, 92, 1139-1145.	1.7	17
21	Dietary advanced glycation end-products elicit toxicological effects by disrupting gut microbiome and immune homeostasis. Journal of Immunotoxicology, 2021, 18, 93-104.	0.9	17
22	Dietary Glycation Products Regulate Immune Homeostasis: Early Glycation Products Promote Prostate Cancer Cell Proliferation through Modulating Macrophages. Molecular Nutrition and Food Research, 2018, 62, 1700641.	1.5	16
23	Gut microbiome in neuroendocrine and neuroimmune interactions: The case of genistein. Toxicology and Applied Pharmacology, 2020, 402, 115130.	1.3	16
24	Type 3 innate lymphoid cells are altered in colons of C57BL/6 mice with dioxin exposure. Science of the Total Environment, 2019, 662, 639-645.	3.9	15
25	Chronic oral exposure to glycated whey proteins increases survival of aged male NOD mice with autoimmune prostatitis by regulating the gut microbiome and anti-inflammatory responses. Food and Function, 2020, 11, 153-162.	2.1	14
26	Genistein Enhancement of Respiratory Allergen Trimellitic Anhydride-induced IgE Production by Adult B6C3F1 Mice Following In Utero and Postnatal Exposure. Toxicological Sciences, 2005, 87, 399-408.	1.4	13
27	DIFFERENTIAL STAT5 ACTIVATION AND PHENOTYPIC MARKER EXPRESSION BY IMMUNE CELLS FOLLOWING LOW LEVELS OF ETHANOL CONSUMPTION IN MICE. Immunopharmacology and Immunotoxicology, 2002, 24, 121-138.	1.1	12
28	IMMUNOTOXICITY OF SODIUM BROMATE IN FEMALE B6C3F1 MICE: A 28-DAY DRINKING WATER STUDY. Drug and Chemical Toxicology, 2001, 24, 129-149.	1.2	11
29	Regulation of lead toxicity by heat shock protein 90 (daf-21) is affected by temperature in Caenorhabditis elegans. Ecotoxicology and Environmental Safety, 2014, 104, 317-322.	2.9	11
30	Chronic TCDD exposure results in the dysregulation of gene expression in splenic B-lymphocytes and in the impairments in T-cell and B-cell differentiation in mouse model. Journal of Environmental Sciences, 2016, 39, 218-227.	3.2	7
31	Glycated whey proteins protect NOD mice against type 1 diabetes by increasing anti-inflammatory responses and decreasing autoreactivity to self-antigens. Journal of Functional Foods, 2019, 56, 171-181.	1.6	7
32	Dietary Early Glycation Products Promote the Growth of Prostate Tumors More than Advanced Glycation Endâ€Products through Modulation of Macrophage Polarization. Molecular Nutrition and Food Research, 2019, 63, e1800885.	1.5	6
33	Thalidomide enhances both primary and secondary host resistances to infection by a neutrophil-related mechanism in female B6C3F1 mice. Toxicology and Applied Pharmacology, 2005, 209, 244-254.	1.3	5
34	Polarizability and aromaticity index govern AhR-mediated potencies of PAHs: A QSAR with consideration of freely dissolved concentrations. Chemosphere, 2021, 268, 129343.	4.2	5
35	In Utero exposure to genistein enhanced intranasal house dust mite allergen-induced respiratory sensitization in young adult B6C3F1 mice. Toxicology Letters, 2016, 253, 17-26.	0.4	4
36	Behavioral changes and hyperglycemia in NODEF mice following bisphenol S exposure are affected by diets. NeuroToxicology, 2021, 85, 209-221.	1.4	4

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37	Modulation of folliculogenesis in adult laying chickens by bisphenol A and bisphenol S: Perspectives on ovarian morphology and gene expression. Reproductive Toxicology, 2021, 103, 181-190.	1.3	4
38	Developmental toxicity of bisphenol S in Caenorhabditis elegans and NODEF mice. NeuroToxicology, 2021, 87, 156-166.	1.4	4
39	HIF-1alpha/VEGF pathway mediates 1,3,6,8-tetrabromo-9ÂH-carbazole-induced angiogenesis: a potential vascular toxicity of an emerging contaminant. Journal of Hazardous Materials, 2022, 432, 128718.	6.5	4
40	Immunomodulation in female B₆C₃F₁mice following treatment with the HIV protease inhibitor saquinavir for 28 days by gavage. Journal of Immunotoxicology, 2010, 7, 289-297.	0.9	3
41	In utero exposure to genistein decreased intranasal house dust mite-induced respiratory allergy in middle-aged male B6C3F1 offspring. Toxicology Letters, 2020, 333, 222-231.	0.4	3
42	Subacute effects of the chlorinated flame retardant dechlorane 602 on intestinal microenvironment in mice. Environment International, 2022, 166, 107394.	4.8	3
43	EVALUATION OF THE IMMUNOMODULATORY EFFECTS OF THE DISINFECTION BY-PRODUCT, SODIUM CHLORITE, IN FEMALE B6C3F1 MICE: A DRINKING WATER STUDY. Drug and Chemical Toxicology, 2001, 24, 239-258.	1.2	2
44	Immunotoxicological profile of chloramine in female B₆C₃F₁mice when administered in the drinking water for 28 days. Journal of Immunotoxicology, 2011, 8, 381-388.	0.9	2
45	HDDM, a formula consisting of seven herbs, had anti-diabetic but no immunomodulatory activities in multiple low doses of streptozotocin-treated female of B6C3F1 mice. Oriental Pharmacy and Experimental Medicine, 2009, 9, 20-38.	1.2	2
46	Immunomodulation in female B6C3F1 mice following treatment with Chai-Ling-Tang, a formula consisting of twelve herbs. Oriental Pharmacy and Experimental Medicine, 2011, 11, 91.	1.2	1
47	Exposure to Polyphenolic Compounds Modulates Type 1 Diabetes: The Case of Genistein. , 2018, , 193-203.		1
48	Immunotoxicity studies of trans-resveratrol in male B6C3F1/N mice. Journal of Immunotoxicology, 2020, 17, 194-201.	0.9	1
49	(Xeno)estrogen Regulation of Food Allergy. Journal of Immunotoxicology, 2008, 5, 259-270.	0.9	0