Jin Sun

List of Publications by Year in Descending Order

50 papers	1,051 citations	19 h-index	31 g-index
53 ext. papers	1,455 ext. citations	5 avg, IF	4.47 L-index

#	Paper	IF	Citations
50	Gastrointestinal biotransformation and tissue distribution of pterostilbene after long-term dietary administration in mice. *Food Chemistry*, **2022**, 372, 131213	8.5	2
49	Prevention of High-Fat Diet-Induced Hypercholesterolemia by Fn041 Through Promoting Cholesterol and Bile Salt Excretion and Intestinal Mucosal Barrier Functions.. *Frontiers in Nutrition*, **2022**, 9, 851541	6.2	2
48	Prevention of Atopic Dermatitis in Mice by Lactobacillus Reuteri Fn041 Through Induction of Regulatory T Cells and Modulation of the Gut Microbiota. *Molecular Nutrition and Food Research*, **2021**, e2100699	5.9	2
47	Oxidized Pork Induces Hepatic Steatosis by Impairing Thyroid Hormone Function in Mice. *Molecular Nutrition and Food Research*, **2021**, e2100602	5.9	1
46	Lactation-dependent vertical transmission of natural probiotics from the mother to the infant gut through breast milk. *Food and Function*, **2021**,	6.1	1
45	Sex-dependent modulation of immune development in mice by secretory IgA-coated Lactobacillus reuteri isolated from breast milk. *Journal of Dairy Science*, **2021**, 104, 3863-3875	4	8
44	Decrease in abundance of bacteria of the genus in gut microbiota may be related to pre-eclampsia progression in women from East China. *Food and Nutrition Research*, **2021**, 65,	3.1	5
43	Deoiled sunflower seeds ameliorate depression by promoting the production of monoamine neurotransmitters and inhibiting oxidative stress. *Food and Function*, **2021**, 12, 573-586	6.1	10
42	Depletion of gut secretory immunoglobulin A coated is associated with gestational diabetes mellitus-related intestinal mucosal barrier damage. *Food and Function*, **2021**, 12, 10783-10794	6.1	1
41	Oxidized Pork Induces Disorders of Glucose Metabolism in Mice. *Molecular Nutrition and Food Research*, **2021**, 65, e2000859	5.9	7
40	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	5.7	14
39	A pregnancy complication-dependent change in SIgA-targeted microbiota during third trimester. *Food and Function*, **2020**, 11, 1513-1524	6.1	11
38	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	5.1	4
37	Dietary resveratrol attenuated colitis and modulated gut microbiota in dextran sulfate sodium-treated mice. *Food and Function*, **2020**, 11, 1063-1073	6.1	34
36	Oxidized Pork Induces Oxidative Stress and Inflammation by Altering Gut Microbiota in Mice. *Molecular Nutrition and Food Research*, **2020**, 64, e1901012	5.9	24
35	Dietary methionine restriction reduces hepatic steatosis and oxidative stress in high-fat-fed mice by promoting HS production. *Food and Function*, **2019**, 10, 61-77	6.1	34
34	Geographical location specific composition of cultured microbiota and Lactobacillus occurrence in human breast milk in China. *Food and Function*, **2019**, 10, 554-564	6.1	30

33	Triacylglycerol Composition of Breast Milk during Different Lactation Stages. *Journal of Agricultural and Food Chemistry*, **2019**, 67, 2272-2278	5.7	27
32	IgA-Targeted Modulated Gut Barrier and Microbiota in High-Fat Diet-Fed Mice. *Frontiers in Microbiology*, **2019**, 10, 1179	5.7	9
31	Dietary methionine restriction improves glucose metabolism in the skeletal muscle of obese mice. *Food and Function*, **2019**, 10, 2676-2690	6.1	14
30	Myricetin alleviated hepatic steatosis by acting on microRNA-146b/thyroid hormone receptor b pathway in high-fat diet fed C57BL/6J mice. *Food and Function*, **2019**, 10, 1465-1477	6.1	11
29	The gastrointestinal fate of limonin and its effect on gut microbiota in mice. *Food and Function*, **2019**, 10, 5521-5530	6.1	6
28	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	6.1	32
27	Lactobacillus reuteri improves gut barrier function and affects diurnal variation of the gut microbiota in mice fed a high-fat diet. *Food and Function*, **2019**, 10, 4705-4715	6.1	20
26	Dietary methionine restriction ameliorates the impairment of learning and memory function induced by obesity in mice. *Food and Function*, **2019**, 10, 1411-1425	6.1	22
25	Modulation of fat metabolism and gut microbiota by resveratrol on high-fat diet-induced obese mice. *Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy*, **2019**, 12, 97-107	3.4	41
24	Heavy metals in milk: global prevalence and health risk assessment. *Toxin Reviews*, **2019**, 38, 1-12	2.3	19
23	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. *Molecular Nutrition and Food Research*, **2019**, 63, e1800735	5.9	11
22	The impact of lactation and gestational age on the composition of branched-chain fatty acids in human breast milk. *Food and Function*, **2018**, 9, 1747-1754	6.1	8
21	Peyeras patch-specific Lactobacillus reuteri strains increase extracellular microbial DNA and antimicrobial peptide expression in the mouse small intestine. *Food and Function*, **2018**, 9, 2989-2997	6.1	4
20	Fatty Acid Profile and the sn-2 Position Distribution in Triacylglycerols of Breast Milk during Different Lactation Stages. *Journal of Agricultural and Food Chemistry*, **2018**, 66, 3118-3126	5.7	40
19	Dietary methionine restriction regulated energy and protein homeostasis by improving thyroid function in high fat diet mice. *Food and Function*, **2018**, 9, 3718-3731	6.1	25
18	Total and sn-2 fatty acid profile of breast milk from women delivering preterm infants under the influence of maternal characteristics. *Food and Function*, **2018**, 9, 5750-5758	6.1	3
17	Changes in the metabolite profile of breast milk over lactation stages and their relationship with dietary intake in Chinese women: HPLC-QTOFMS based metabolomic analysis. *Food and Function*, **2018**, 9, 5189-5197	6.1	9
16	Aqueous extracts from asparagus stems prevent memory impairments in scopolamine-treated mice. *Food and Function*, **2017**, 8, 1460-1467	6.1	21

15	Salvianolic Acid B Inhibits High-Fat Diet-Induced Inflammation by Activating the Nrf2 Pathway. *Journal of Food Science*, **2017**, 82, 1953-1960	3.4	19
14	Composition and immuno-stimulatory properties of extracellular DNA from mouse gut flora. *World Journal of Gastroenterology*, **2017**, 23, 7830-7839	5.6	16
13	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 Candida albicans. *Journal of Peptide Science*, **2016**, 22, 427-33	2.1	6
12	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, 3245-53	5.7	54
11	High-fat-diet-induced obesity is associated with decreased antiinflammatory Lactobacillus reuteri sensitive to oxidative stress in mouse Peyeras patches. *Nutrition*, **2016**, 32, 265-72	4.8	32
10	Isolation of lactobacillus reuteri from Peyeras patches and their effects on sIgA production and gut microbiota diversity. *Molecular Nutrition and Food Research*, **2016**, 60, 2020-30	5.9	15
9	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	5.1	46
8	High fat diet induced obesity is associated with increased abundance of pro-inflammatory Lactobacillus in Peyeras patches of small intestine. *FASEB Journal*, **2015**, 29, 385.4	0.9	
7	Antioxidant and antibacterial activities of extracts from Conyza bonariensis growing in Yemen. *Pakistan Journal of Pharmaceutical Sciences*, **2015**, 28, 129-34	0.4	3
6	Effects of resveratrol on gut microbiota and fat storage in a mouse model with high-fat-induced obesity. *Food and Function*, **2014**, 5, 1241-9	6.1	225
5	Propensity to high-fat diet-induced obesity in mice is associated with the indigenous opportunistic bacteria on the interior of Peyeras patches. *Journal of Clinical Biochemistry and Nutrition*, **2014**, 55, 120-8	3.1	37
4	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	4.4	15
3	Inhibition of Fe-induced colon oxidative stress by lactobacilli in mice. *World Journal of Microbiology and Biotechnology*, **2013**, 29, 209-16	4.4	12
2	Association of Lactobacillus acidophilus with mice Peyeras patches. *Nutrition*, **2010**, 26, 1008-13	4.8	7
1	Distinct immune response induced by peptidoglycan derived from Lactobacillus sp. *World Journal of Gastroenterology*, **2005**, 11, 6330-7	5.6	49