

Jin Sun

List of Publications by Year in descending order

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Version: 2024-02-01

52
papers

1,780
citations

279487

23
h-index

288905

40
g-index

53
all docs

53
docs citations

53
times ranked

2463
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	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> , 2016, 100, 3245-3253.	1.7	98
3	Fatty Acid Profile and the sn-2 Position Distribution in Triacylglycerols of Breast Milk during Different Lactation Stages. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 3118-3126.	2.4	78
4	Dietary resveratrol attenuated colitis and modulated gut microbiota in dextran sulfate sodium-treated mice. <i>Food and Function</i> , 2020, 11, 1063-1073.	2.1	75
5	Dietary methionine restriction improves the gut microbiota and reduces intestinal permeability and inflammation in high-fat-fed mice. <i>Food and Function</i> , 2019, 10, 5952-5968.	2.1	67
6	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
7	Effects of different <i>Lactobacillus reuteri</i> on inflammatory and fat storage in high-fat diet-induced obesity mice model. <i>Journal of Functional Foods</i> , 2015, 14, 424-434.	1.6	59
8	Modulation of fat metabolism and gut microbiota by resveratrol on high-fat diet-induced obese mice. <i>Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy</i> , 2019, Volume 12, 97-107.	1.1	58
9	Distinct immune response induced by peptidoglycan derived from <i>Lactobacillus sp</i> . <i>World Journal of Gastroenterology</i> , 2005, 11, 6330.	1.4	58
10	Geographical location specific composition of cultured microbiota and <i>Lactobacillus</i> occurrence in human breast milk in China. <i>Food and Function</i> , 2019, 10, 554-564.	2.1	54
11	Triacylglycerol Composition of Breast Milk during Different Lactation Stages. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 2272-2278.	2.4	50
12	High-fat-diet-induced obesity is associated with decreased antiinflammatory <i>Lactobacillus reuteri</i> sensitive to oxidative stress in mouse Peyer's patches. <i>Nutrition</i> , 2016, 32, 265-272.	1.1	47
13	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> , 2014, 55, 120-128.	0.6	45
14	Heavy metals in milk: global prevalence and health risk assessment. <i>Toxin Reviews</i> , 2019, 38, 1-12.	1.5	44
15	<i>Lactobacillus reuteri</i> improves gut barrier function and affects diurnal variation of the gut microbiota in mice fed a high-fat diet. <i>Food and Function</i> , 2019, 10, 4705-4715.	2.1	43
16	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
17	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
18	Dietary methionine restriction regulated energy and protein homeostasis by improving thyroid function in high fat diet mice. <i>Food and Function</i> , 2018, 9, 3718-3731.	2.1	36

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19	Dietary methionine restriction ameliorates the impairment of learning and memory function induced by obesity in mice. <i>Food and Function</i> , 2019, 10, 1411-1425.	2.1	36
20	Composition and immuno-stimulatory properties of extracellular DNA from mouse gut flora. <i>World Journal of Gastroenterology</i> , 2017, 23, 7830-7839.	1.4	30
21	Salvianolic Acid B Inhibits High-Fat Diet-Induced Inflammation by Activating the Nrf2 Pathway. <i>Journal of Food Science</i> , 2017, 82, 1953-1960.	1.5	29
22	Isolation of <i>Lactobacillus reuteri</i> from Peyer's patches and their effects on sIgA production and gut microbiota diversity. <i>Molecular Nutrition and Food Research</i> , 2016, 60, 2020-2030.	1.5	26
23	Aqueous extracts from asparagus stems prevent memory impairments in scopolamine-treated mice. <i>Food and Function</i> , 2017, 8, 1460-1467.	2.1	26
24	Deoiled sunflower seeds ameliorate depression by promoting the production of monoamine neurotransmitters and inhibiting oxidative stress. <i>Food and Function</i> , 2021, 12, 573-586.	2.1	26
25	Dietary methionine restriction improves glucose metabolism in the skeletal muscle of obese mice. <i>Food and Function</i> , 2019, 10, 2676-2690.	2.1	25
26	Dietary Methionine Restriction Upregulates Endogenous H ₂ S via miR-328p: 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> , 2019, 63, e1800735.	1.5	24
27	A pregnancy complication-dependent change in SIgA-targeted microbiota during third trimester. <i>Food and Function</i> , 2020, 11, 1513-1524.	2.1	23
28	IgA-Targeted <i>Lactobacillus jensenii</i> Modulated Gut Barrier and Microbiota in High-Fat Diet-Fed Mice. <i>Frontiers in Microbiology</i> , 2019, 10, 1179.	1.5	22
29	Sex-dependent modulation of immune development in mice by secretory IgA-coated <i>Lactobacillus reuteri</i> isolated from breast milk. <i>Journal of Dairy Science</i> , 2021, 104, 3863-3875.	1.4	22
30	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> , 2014, 288, 39-46.	1.4	20
31	Myricetin alleviated hepatic steatosis by acting on microRNA-146b/thyroid hormone receptor β pathway in high-fat diet fed C57BL/6J mice. <i>Food and Function</i> , 2019, 10, 1465-1477.	2.1	19
32	The impact of lactation and gestational age on the composition of branched-chain fatty acids in human breast milk. <i>Food and Function</i> , 2018, 9, 1747-1754.	2.1	18
33	Prevention of Atopic Dermatitis in Mice by <i>Lactobacillus Reuteri</i> Fn041 Through Induction of Regulatory T Cells and Modulation of the Gut Microbiota. <i>Molecular Nutrition and Food Research</i> , 2022, 66, e2100699.	1.5	18
34	Lactation-dependent vertical transmission of natural probiotics from the mother to the infant gut through breast milk. <i>Food and Function</i> , 2022, 13, 304-315.	2.1	18
35	Decrease in abundance of bacteria of the genus <i>Bifidobacterium</i> in gut microbiota may be related to pre-eclampsia progression in women from East China. <i>Food and Nutrition Research</i> , 2021, 65, .	1.2	17
36	Inhibition of Fe-induced colon oxidative stress by lactobacilli in mice. <i>World Journal of Microbiology and Biotechnology</i> , 2013, 29, 209-216.	1.7	16

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37	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. <i>Food and Function</i> , 2018, 9, 5189-5197.	2.1	16
38	Oxidized Pork Induces Disorders of Glucose Metabolism in Mice. <i>Molecular Nutrition and Food Research</i> , 2021, 65, e2000859.	1.5	14
39	The gastrointestinal fate of limonin and its effect on gut microbiota in mice. <i>Food and Function</i> , 2019, 10, 5521-5530.	2.1	12
40	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
41	Prevention of High-Fat Diet-Induced Hypercholesterolemia by <i>Lactobacillus reuteri</i> Fn041 Through Promoting Cholesterol and Bile Salt Excretion and Intestinal Mucosal Barrier Functions. <i>Frontiers in Nutrition</i> , 2022, 9, 851541.	1.6	11
42	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> , 2016, 22, 427-433.	0.8	10
43	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
44	Association of <i>Lactobacillus acidophilus</i> with mice Peyer's patches. <i>Nutrition</i> , 2010, 26, 1008-1013.	1.1	8
45	Depletion of gut secretory immunoglobulin A coated <i>Lactobacillus reuteri</i> is associated with gestational diabetes mellitus-related intestinal mucosal barrier damage. <i>Food and Function</i> , 2021, 12, 10783-10794.	2.1	8
46	The Antidepressant Effect of Deoiled Sunflower Seeds on Chronic Unpredictable Mild Stress in Mice Through Regulation of Microbiota-Gut-Brain Axis. <i>Frontiers in Nutrition</i> , 0, 9, .	1.6	8
47	Total and sn-2 fatty acid profile of breast milk from women delivering preterm infants under the influence of maternal characteristics. <i>Food and Function</i> , 2018, 9, 5750-5758.	2.1	6
48	<i>Lactobacillus casei</i> Improve Anti-Tuberculosis Drugs-Induced Intestinal Adverse Reactions in Rat by Modulating Gut Microbiota and Short-Chain Fatty Acids. <i>Nutrients</i> , 2022, 14, 1668.	1.7	6
49	Gastrointestinal biotransformation and tissue distribution of pterostilbene after long-term dietary administration in mice. <i>Food Chemistry</i> , 2022, 372, 131213.	4.2	5
50	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
51	Peyer's patch-specific <i>Lactobacillus reuteri</i> strains increase extracellular microbial DNA and antimicrobial peptide expression in the mouse small intestine. <i>Food and Function</i> , 2018, 9, 2989-2997.	2.1	4
52	High fat diet induced obesity is associated with increased abundance of pro-inflammatory <i>Lactobacillus</i> in Peyer's patches of small intestine. <i>FASEB Journal</i> , 2015, 29, 385.4.	0.2	0