

Jin Sun

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	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, 1241-9	6.1	225
49	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, 3245-53	5.7	54
48	Distinct immune response induced by peptidoglycan derived from <i>Lactobacillus</i> sp. <i>World Journal of Gastroenterology</i> , 2005 , 11, 6330-7	5.6	49
47	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	5.1	46
46	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 , 12, 97-107	3.4	41
45	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	5.7	40
44	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, 120-8 ^{3.1}	3.1	37
43	Dietary methionine restriction reduces hepatic steatosis and oxidative stress in high-fat-fed mice by promoting HS production. <i>Food and Function</i> , 2019 , 10, 61-77	6.1	34
42	Dietary resveratrol attenuated colitis and modulated gut microbiota in dextran sulfate sodium-treated mice. <i>Food and Function</i> , 2020 , 11, 1063-1073	6.1	34
41	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, 265-72	4.8	32
40	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	6.1	32
39	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	6.1	30
38	Triacylglycerol Composition of Breast Milk during Different Lactation Stages. <i>Journal of Agricultural and Food Chemistry</i> , 2019 , 67, 2272-2278	5.7	27
37	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	6.1	25
36	Oxidized Pork Induces Oxidative Stress and Inflammation by Altering Gut Microbiota in Mice. <i>Molecular Nutrition and Food Research</i> , 2020 , 64, e1901012	5.9	24
35	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	6.1	22
34	Aqueous extracts from asparagus stems prevent memory impairments in scopolamine-treated mice. <i>Food and Function</i> , 2017 , 8, 1460-1467	6.1	21

33	Lactobacillus reuteri 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	6.1	20
32	Salvianolic Acid B Inhibits High-Fat Diet-Induced Inflammation by Activating the Nrf2 Pathway. <i>Journal of Food Science</i> , 2017 , 82, 1953-1960	3.4	19
31	Heavy metals in milk: global prevalence and health risk assessment. <i>Toxin Reviews</i> , 2019 , 38, 1-12	2.3	19
30	Composition and immuno-stimulatory properties of extracellular DNA from mouse gut flora. <i>World Journal of Gastroenterology</i> , 2017 , 23, 7830-7839	5.6	16
29	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	4.4	15
28	Isolation of lactobacillus reuteri from Peyer's patches and their effects on sIgA production and gut microbiota diversity. <i>Molecular Nutrition and Food Research</i> , 2016 , 60, 2020-30	5.9	15
27	Dietary methionine restriction improves glucose metabolism in the skeletal muscle of obese mice. <i>Food and Function</i> , 2019 , 10, 2676-2690	6.1	14
26	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	5.7	14
25	Inhibition of Fe-induced colon oxidative stress by lactobacilli in mice. <i>World Journal of Microbiology and Biotechnology</i> , 2013 , 29, 209-16	4.4	12
24	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	6.1	11
23	A pregnancy complication-dependent change in SIgA-targeted microbiota during third trimester. <i>Food and Function</i> , 2020 , 11, 1513-1524	6.1	11
22	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. <i>Molecular Nutrition and Food Research</i> , 2019 , 63, e1800735	5.9	11
21	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	6.1	10
20	IgA-Targeted Modulated Gut Barrier and Microbiota in High-Fat Diet-Fed Mice. <i>Frontiers in Microbiology</i> , 2019 , 10, 1179	5.7	9
19	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	6.1	9
18	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	6.1	8
17	Sex-dependent modulation of immune development in mice by secretory IgA-coated Lactobacillus reuteri isolated from breast milk. <i>Journal of Dairy Science</i> , 2021 , 104, 3863-3875	4	8
16	Association of Lactobacillus acidophilus with mice Peyer's patches. <i>Nutrition</i> , 2010 , 26, 1008-13	4.8	7

15	Oxidized Pork Induces Disorders of Glucose Metabolism in Mice. <i>Molecular Nutrition and Food Research</i> , 2021 , 65, e2000859	5.9	7
14	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, 427-33	2.1	6
13	The gastrointestinal fate of limonin and its effect on gut microbiota in mice. <i>Food and Function</i> , 2019 , 10, 5521-5530	6.1	6
12	Decrease in abundance of bacteria of the genus in gut microbiota may be related to pre-eclampsia progression in women from East China. <i>Food and Nutrition Research</i> , 2021 , 65,	3.1	5
11	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	6.1	4
10	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	5.1	4
9	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	6.1	3
8	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	0.4	3
7	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> , 2021 , e2100699	5.9	2
6	Gastrointestinal biotransformation and tissue distribution of pterostilbene after long-term dietary administration in mice. <i>Food Chemistry</i> , 2022 , 372, 131213	8.5	2
5	Prevention of High-Fat Diet-Induced Hypercholesterolemia by Fn041 Through Promoting Cholesterol and Bile Salt Excretion and Intestinal Mucosal Barrier Functions.. <i>Frontiers in Nutrition</i> , 2022 , 9, 851541	6.2	2
4	Oxidized Pork Induces Hepatic Steatosis by Impairing Thyroid Hormone Function in Mice. <i>Molecular Nutrition and Food Research</i> , 2021 , e2100602	5.9	1
3	Lactation-dependent vertical transmission of natural probiotics from the mother to the infant gut through breast milk. <i>Food and Function</i> , 2021 ,	6.1	1
2	Depletion of gut secretory immunoglobulin A coated is associated with gestational diabetes mellitus-related intestinal mucosal barrier damage. <i>Food and Function</i> , 2021 , 12, 10783-10794	6.1	1
1	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	0.9	