

Leilei Yu

List of Publications by Year in descending order

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69
papers

1,769
citations

304368

22
h-index

344852

36
g-index

70
all docs

70
docs citations

70
times ranked

1646
citing authors

#	ARTICLE	IF	CITATIONS
1	Gut microbiota: A target for heavy metal toxicity and a probiotic protective strategy. <i>Science of the Total Environment</i> , 2020, 742, 140429.	3.9	112
2	Screening of lactic acid bacteria with potential protective effects against cadmium toxicity. <i>Food Control</i> , 2015, 54, 23-30.	2.8	109
3	Effects of subchronic oral toxic metal exposure on the intestinal microbiota of mice. <i>Science Bulletin</i> , 2017, 62, 831-840.	4.3	106
4	Effect of dietary probiotic supplementation on intestinal microbiota and physiological conditions of Nile tilapia (<i>Oreochromis niloticus</i>) under waterborne cadmium exposure. <i>Antonie Van Leeuwenhoek</i> , 2017, 110, 501-513.	0.7	93
5	Beneficial effect of GABA-rich fermented milk on insomnia involving regulation of gut microbiota. <i>Microbiological Research</i> , 2020, 233, 126409.	2.5	82
6	Antibiotic-induced gut dysbiosis and barrier disruption and the potential protective strategies. <i>Critical Reviews in Food Science and Nutrition</i> , 2022, 62, 1427-1452.	5.4	56
7	Protective effects of different <i>Bacteroides vulgatus</i> strains against lipopolysaccharide-induced acute intestinal injury, and their underlying functional genes. <i>Journal of Advanced Research</i> , 2022, 36, 27-37.	4.4	53
8	Postharvest control of <i>Penicillium expansum</i> in fruits: A review. <i>Food Bioscience</i> , 2020, 36, 100633.	2.0	51
9	Progress in the distribution, toxicity, control, and detoxification of patulin: A review. <i>Toxicon</i> , 2020, 184, 83-93.	0.8	48
10	Role of dietary edible mushrooms in the modulation of gut microbiota. <i>Journal of Functional Foods</i> , 2021, 83, 104538.	1.6	48
11	Dietary <i>Lactobacillus plantarum</i> supplementation enhances growth performance and alleviates aluminum toxicity in tilapia. <i>Ecotoxicology and Environmental Safety</i> , 2017, 143, 307-314.	2.9	47
12	Oral Supplementation of Lead-Intolerant Intestinal Microbes Protects Against Lead (Pb) Toxicity in Mice. <i>Frontiers in Microbiology</i> , 2019, 10, 3161.	1.5	44
13	Dietary supplementation with probiotics regulates gut microbiota structure and function in Nile tilapia exposed to aluminum. <i>PeerJ</i> , 2019, 7, e6963.	0.9	42
14	Identification of the key physiological characteristics of <i>Lactobacillus plantarum</i> strains for ulcerative colitis alleviation. <i>Food and Function</i> , 2020, 11, 1279-1291.	2.1	38
15	Potential of <i>Lactobacillus plantarum</i> CCFM639 in Protecting against Aluminum Toxicity Mediated by Intestinal Barrier Function and Oxidative Stress. <i>Nutrients</i> , 2016, 8, 783.	1.7	35
16	The binding characters study of lead removal by <i>Lactobacillus plantarum</i> CCFM8661. <i>European Food Research and Technology</i> , 2016, 242, 1621-1629.	1.6	33
17	<i>Lactobacillus plantarum</i> CCFM639 Alleviate Trace Element Imbalance-Related Oxidative Stress in Liver and Kidney of Chronic Aluminum Exposure Mice. <i>Biological Trace Element Research</i> , 2017, 176, 342-349.	1.9	31
18	The characteristics of patulin detoxification by <i>Lactobacillus plantarum</i> 13M5. <i>Food and Chemical Toxicology</i> , 2020, 146, 111787.	1.8	30

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19	Effects of Probiotic Supplementation on Dyslipidemia in Type 2 Diabetes Mellitus: A Meta-Analysis of Randomized Controlled Trials. <i>Foods</i> , 2020, 9, 1540.	1.9	30
20	Efficacy of probiotics in multiple sclerosis: a systematic review of preclinical trials and meta-analysis of randomized controlled trials. <i>Food and Function</i> , 2021, 12, 2354-2377.	2.1	29
21	<i>Akkermansia muciniphila</i> Exerts Strain-Specific Effects on DSS-Induced Ulcerative Colitis in Mice. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 698914.	1.8	27
22	Dose-dependent effects of lead induced gut injuries: An in vitro and in vivo study. <i>Chemosphere</i> , 2021, 266, 129130.	4.2	25
23	<i>Lactobacillus plantarum</i> CCFM639 alleviates aluminium toxicity. <i>Applied Microbiology and Biotechnology</i> , 2016, 100, 1891-1900.	1.7	24
24	<i>Lactobacillus curvatus</i> : A Candidate Probiotic with Excellent Fermentation Properties and Health Benefits. <i>Foods</i> , 2020, 9, 1366.	1.9	24
25	Meta-analysis of randomized controlled trials of the effects of probiotics on type 2 diabetes in adults. <i>Clinical Nutrition</i> , 2022, 41, 365-373.	2.3	24
26	Identification of the key characteristics of <i>Bifidobacterium longum</i> strains for the alleviation of ulcerative colitis. <i>Food and Function</i> , 2021, 12, 3476-3492.	2.1	23
27	The effects of diet and gut microbiota on the regulation of intestinal mucin glycosylation. <i>Carbohydrate Polymers</i> , 2021, 258, 117651.	5.1	23
28	Human gut-derived <i>B. longum</i> subsp. <i>longum</i> strains protect against aging in a d-galactose-induced aging mouse model. <i>Microbiome</i> , 2021, 9, 180.	4.9	22
29	The roles of different <i>Bacteroides fragilis</i> strains in protecting against DSS-induced ulcerative colitis and related functional genes. <i>Food and Function</i> , 2021, 12, 8300-8313.	2.1	21
30	<i>Lactobacillus plantarum</i> CCFM8610 Alleviates Irritable Bowel Syndrome and Prevents Gut Microbiota Dysbiosis: A Randomized, Double-Blind, Placebo-Controlled, Pilot Clinical Trial. <i>Engineering</i> , 2021, 7, 376-385.	3.2	20
31	<i>Lactobacillus plantarum</i> -Mediated Regulation of Dietary Aluminum Induces Changes in the Human Gut Microbiota: an In Vitro Colonic Fermentation Study. <i>Probiotics and Antimicrobial Proteins</i> , 2021, 13, 398-412.	1.9	19
32	Evaluation of the Effects of Different <i>Bacteroides vulgatus</i> Strains against DSS-Induced Colitis. <i>Journal of Immunology Research</i> , 2021, 2021, 1-15.	0.9	18
33	The therapeutic protection of a living and dead <i>Lactobacillus</i> strain against aluminum-induced brain and liver injuries in C57BL/6 mice. <i>PLoS ONE</i> , 2017, 12, e0175398.	1.1	16
34	Effects of probiotic supplementation on cardiovascular risk factors in hypercholesterolemia: A systematic review and meta-analysis of randomized clinical trial. <i>Journal of Functional Foods</i> , 2020, 74, 104177.	1.6	16
35	<i>Pediococcus acidilactici</i> Strains Improve Constipation Symptoms and Regulate Intestinal Flora in Mice. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 655258.	1.8	16
36	Behavioral disorders caused by nonylphenol and strategies for protection. <i>Chemosphere</i> , 2021, 275, 129973.	4.2	16

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37	Protective effects of <i>Bacteroides fragilis</i> against lipopolysaccharide-induced systemic inflammation and their potential functional genes. <i>Food and Function</i> , 2022, 13, 1015-1025.	2.1	16
38	Dietary Patterns and Gut Microbiota: The Crucial Actors in Inflammatory Bowel Disease. <i>Advances in Nutrition</i> , 2022, 13, 1628-1651.	2.9	16
39	A comparison of the inhibitory activities of <i>Lactobacillus</i> and <i>Bifidobacterium</i> against <i>Penicillium expansum</i> and an analysis of potential antifungal metabolites. <i>FEMS Microbiology Letters</i> , 2020, 367, .	0.7	15
40	Strain-Specific Effects of <i>Bifidobacterium longum</i> on Hypercholesterolemic Rats and Potential Mechanisms. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1305.	1.8	15
41	<i>Lactobacillus plantarum</i> CCFM639 can prevent aluminium-induced neural injuries and abnormal behaviour in mice. <i>Journal of Functional Foods</i> , 2017, 30, 142-150.	1.6	14
42	Physiological Characteristics of <i>Lactobacillus casei</i> Strains and Their Alleviation Effects against Inflammatory Bowel Disease. <i>Journal of Microbiology and Biotechnology</i> , 2021, 31, 92-103.	0.9	14
43	Effects of acute oral lead exposure on the levels of essential elements of mice: a metallomics and dose-dependent study. <i>Journal of Trace Elements in Medicine and Biology</i> , 2020, 62, 126624.	1.5	13
44	The Protection of <i>Lactiplantibacillus plantarum</i> CCFM8661 Against Benzopyrene-Induced Toxicity via Regulation of the Gut Microbiota. <i>Frontiers in Immunology</i> , 2021, 12, 736129.	2.2	13
45	Evidence from comparative genomic analyses indicating that <i>Lactobacillus</i> -mediated irritable bowel syndrome alleviation is mediated by conjugated linoleic acid synthesis. <i>Food and Function</i> , 2021, 12, 1121-1134.	2.1	13
46	Effects of <i>Bacteroides</i> -Based Microecologies against Antibiotic-Associated Diarrhea in Mice. <i>Microorganisms</i> , 2021, 9, 2492.	1.6	13
47	<i>Ganoderma applanatum</i> polysaccharides and ethanol extracts promote the recovery of colitis through intestinal barrier protection and gut microbiota modulations. <i>Food and Function</i> , 2022, 13, 688-701.	2.1	13
48	Effects of probiotic administration on hepatic antioxidative parameters depending on oxidative stress models: A meta-analysis of animal experiments. <i>Journal of Functional Foods</i> , 2020, 71, 103936.	1.6	12
49	Metabolomic analysis reveals the mechanism of aluminum cytotoxicity in HT-29 cells. <i>PeerJ</i> , 2019, 7, e7524.	0.9	12
50	Protective Effects of <i>Lactobacillus plantarum</i> CCFM8610 against Acute Toxicity Caused by Different Food-Derived Forms of Cadmium in Mice. <i>International Journal of Molecular Sciences</i> , 2021, 22, 11045.	1.8	11
51	Dose-dependent effects of chronic lead toxicity in vivo: Focusing on trace elements and gut microbiota. <i>Chemosphere</i> , 2022, 301, 134670.	4.2	11
52	Relief of Cadmium-Induced Intestinal Motility Disorder in Mice by <i>Lactobacillus plantarum</i> CCFM8610. <i>Frontiers in Immunology</i> , 2020, 11, 619574.	2.2	10
53	Niche-Specific Adaptive Evolution of <i>Lactobacillus plantarum</i> Strains Isolated From Human Feces and Paocai. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020, 10, 615876.	1.8	10
54	Integrated Phenotypic-Genotypic Analysis of <i>Lactobacillus sakei</i> from Different Niches. <i>Foods</i> , 2021, 10, 1717.	1.9	10

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55	Lead-induced gut injuries and the dietary protective strategies: A review. <i>Journal of Functional Foods</i> , 2021, 83, 104528.	1.6	9
56	The effect of probiotic supplementation on lipid profiles in adults with overweight or obesity: A meta-analysis of randomized controlled trials. <i>Journal of Functional Foods</i> , 2021, 86, 104711.	1.6	9
57	<i>A. muciniphila</i> Supplementation in Mice during Pregnancy and Lactation Affects the Maternal Intestinal Microenvironment. <i>Nutrients</i> , 2022, 14, 390.	1.7	9
58	Phylogenetic and Comparative Genomic Analysis of <i>Lactobacillus fermentum</i> Strains and the Key Genes Related to their Intestinal Anti-Inflammatory Effects. <i>Engineering</i> , 2022, 17, 170-182.	3.2	8
59	Comparative Genomic Analysis Determines the Functional Genes Related to Bile Salt Resistance in <i>Lactobacillus salivarius</i> . <i>Microorganisms</i> , 2021, 9, 2038.	1.6	7
60	Effects of <i>Bacillus coagulans</i> GBI-30, 6086 as an adjunct starter culture on the production of yogurt. <i>Food Research International</i> , 2022, 160, 111398.	2.9	7
61	Phenotype-genotype analysis of <i>Lactobacillus curvatus</i> from different niches: Carbohydrate metabolism, antibiotic resistance, bacteriocin, phage fragments and linkages with CRISPR-Cas systems. <i>Food Research International</i> , 2022, 160, 111640.	2.9	7
62	Synergistic Protective Effects of Different Dietary Supplements Against Type 2 Diabetes via Regulating Gut Microbiota. <i>Journal of Medicinal Food</i> , 2021, 24, 319-330.	0.8	6
63	<i>Phocaeicola faecalis</i> sp. nov., a strictly anaerobic bacterial strain adapted to the human gut ecosystem. <i>Antonie Van Leeuwenhoek</i> , 2021, 114, 1225-1235.	0.7	6
64	Genomic analysis of <i>B. coagulans</i> ATCC 7050T reveals its adaption to fermented milk as an adjunct starter culture for yogurt. <i>LWT - Food Science and Technology</i> , 2022, 154, 112721.	2.5	5
65	An optimized culture medium to isolate <i>Lactobacillus fermentum</i> strains from the human intestinal tract. <i>Food and Function</i> , 2021, 12, 6740-6754.	2.1	4
66	Characteristics of an In Vitro Mesenteric Lymph Node Cell Suspension Model and Its Possible Association with In Vivo Functional Evaluation. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1003.	1.8	3
67	Safety Evaluation of Lactic Acid Bacteria. , 2019, , 371-409.		2
68	Screening and safety evaluation of lactic acid bacteria with selenium adsorption capacity. <i>Chinese Science Bulletin</i> , 2019, 64, 327-336.	0.4	1
69	Novel Thermostable Heparinase Based on the Genome of <i>Bacteroides</i> Isolated from Human Gut Microbiota. <i>Foods</i> , 2022, 11, 1462.	1.9	1