

# Fengwei Tian

## 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.

103  
papers

2,063  
citations

26  
h-index

41  
g-index

111  
ext. papers

3,037  
ext. citations

5.4  
avg, IF

5.18  
L-index

#	Paper	IF	Citations
103	Protective effects of <i>Lactobacillus plantarum</i> CCFM8610 against acute cadmium toxicity in mice. <i>Applied and Environmental Microbiology</i> , <b>2013</b> , 79, 1508-15	4.8	128
102	Screening for potential new probiotic based on probiotic properties and $\alpha$ -glucosidase inhibitory activity. <i>Food Control</i> , <b>2014</b> , 35, 65-72	6.2	107
101	Oral Administration of Probiotics Inhibits Absorption of the Heavy Metal Cadmium by Protecting the Intestinal Barrier. <i>Applied and Environmental Microbiology</i> , <b>2016</b> , 82, 4429-40	4.8	93
100	Protective effects of <i>Lactobacillus plantarum</i> CCFM8610 against chronic cadmium toxicity in mice indicate routes of protection besides intestinal sequestration. <i>Applied and Environmental Microbiology</i> , <b>2014</b> , 80, 4063-71	4.8	91
99	Lactic Acid Bacteria as Antifungal and Anti-Mycotoxigenic Agents: A Comprehensive Review. <i>Comprehensive Reviews in Food Science and Food Safety</i> , <b>2019</b> , 18, 1403-1436	16.4	84
98	Surface components and metabolites of probiotics for regulation of intestinal epithelial barrier. <i>Microbial Cell Factories</i> , <b>2020</b> , 19, 23	6.4	80
97	Screening of lactic acid bacteria with potential protective effects against cadmium toxicity. <i>Food Control</i> , <b>2015</b> , 54, 23-30	6.2	80
96	<i>Lactobacillus plantarum</i> CCFM8661 alleviates lead toxicity in mice. <i>Biological Trace Element Research</i> , <b>2012</b> , 150, 264-71	4.5	77
95	Antidiabetic effect of <i>Lactobacillus casei</i> CCFM0412 on mice with type 2 diabetes induced by a high-fat diet and streptozotocin. <i>Nutrition</i> , <b>2014</b> , 30, 1061-8	4.8	56
94	Microencapsulation of <i>Bifidobacterium bifidum</i> F-35 in reinforced alginate microspheres prepared by emulsification/internal gelation. <i>International Journal of Food Science and Technology</i> , <b>2011</b> , 46, 1672-1678	3.8	54
93	Gut microbiota: A target for heavy metal toxicity and a probiotic protective strategy. <i>Science of the Total Environment</i> , <b>2020</b> , 742, 140429	10.2	48
92	Effects of Dietary Selenium Supplementation on Intestinal Barrier and Immune Responses Associated with Its Modulation of Gut Microbiota. <i>Environmental Science and Technology Letters</i> , <b>2018</b> , 5, 724-730	11	47
91	<i>Lactobacillus plantarum</i> CCFM10 alleviating oxidative stress and restoring the gut microbiota in d-galactose-induced aging mice. <i>Food and Function</i> , <b>2018</b> , 9, 917-924	6.1	39
90	Selection of Taste Markers Related to Lactic Acid Bacteria Microflora Metabolism for Chinese Traditional Paocai: A Gas Chromatography-Mass Spectrometry-Based Metabolomics Approach. <i>Journal of Agricultural and Food Chemistry</i> , <b>2016</b> , 64, 2415-22	5.7	39
89	<i>Lactobacillus rhamnosus</i> CCFM1107 treatment ameliorates alcohol-induced liver injury in a mouse model of chronic alcohol feeding. <i>Journal of Microbiology</i> , <b>2015</b> , 53, 856-63	3	37
88	Beneficial effect of GABA-rich fermented milk on insomnia involving regulation of gut microbiota. <i>Microbiological Research</i> , <b>2020</b> , 233, 126409	5.3	35
87	Identification of key proteins and pathways in cadmium tolerance of <i>Lactobacillus plantarum</i> strains by proteomic analysis. <i>Scientific Reports</i> , <b>2017</b> , 7, 1182	4.9	33

86	Immunomodulatory Effects of Different Lactic Acid Bacteria on Allergic Response and Its Relationship with In Vitro Properties. <i>PLoS ONE</i> , <b>2016</b> , 11, e0164697	3.7	32
85	Dietary Lactobacillus plantarum supplementation enhances growth performance and alleviates aluminum toxicity in tilapia. <i>Ecotoxicology and Environmental Safety</i> , <b>2017</b> , 143, 307-314	7	30
84	Multiple roles of lactic acid bacteria microflora in the formation of marker flavour compounds in traditional chinese paocai. <i>RSC Advances</i> , <b>2016</b> , 6, 89671-89678	3.7	30
83	Potential of Lactobacillus plantarum CCFM639 in Protecting against Aluminum Toxicity Mediated by Intestinal Barrier Function and Oxidative Stress. <i>Nutrients</i> , <b>2016</b> , 8,	6.7	30
82	Lactobacillus plantarum CCFM8661 modulates bile acid enterohepatic circulation and increases lead excretion in mice. <i>Food and Function</i> , <b>2019</b> , 10, 1455-1464	6.1	29
81	The cadmium binding characteristics of a lactic acid bacterium in aqueous solutions and its application for removal of cadmium from fruit and vegetable juices. <i>RSC Advances</i> , <b>2016</b> , 6, 5990-5998	3.7	28
80	Protective Effects of Lactobacillus plantarum CCFM8246 against Copper Toxicity in Mice. <i>PLoS ONE</i> , <b>2015</b> , 10, e0143318	3.7	28
79	Dietary Lactobacillus plantarum supplementation decreases tissue lead accumulation and alleviates lead toxicity in Nile tilapia ( <i>Oreochromis niloticus</i> ). <i>Aquaculture Research</i> , <b>2017</b> , 48, 5094-5103	1.9	27
78	Genetically engineered Lactococcus lactis protect against house dust mite allergy in a BALB/c mouse model. <i>PLoS ONE</i> , <b>2014</b> , 9, e109461	3.7	27
77	Molecular characteristics of an exopolysaccharide from Lactobacillus rhamnosus KF5 in solution. <i>International Journal of Biological Macromolecules</i> , <b>2015</b> , 72, 1429-34	7.9	25
76	Lactobacillus plantarum CCFM639 Alleviate Trace Element Imbalance-Related Oxidative Stress in Liver and Kidney of Chronic Aluminum Exposure Mice. <i>Biological Trace Element Research</i> , <b>2017</b> , 176, 342-349	4.5	24
75	Oligosaccharides as co-encapsulating agents: effect on oral Lactobacillus fermentum survival in a simulated gastrointestinal tract. <i>Biotechnology Letters</i> , <b>2019</b> , 41, 263-272	3	24
74	Dietary supplementation with probiotics regulates gut microbiota structure and function in Nile tilapia exposed to aluminum. <i>PeerJ</i> , <b>2019</b> , 7, e6963	3.1	23
73	The binding characters study of lead removal by Lactobacillus plantarum CCFM8661. <i>European Food Research and Technology</i> , <b>2016</b> , 242, 1621-1629	3.4	22
72	Protective Effects of Dietary Supplements Containing Probiotics, Micronutrients, and Plant Extracts Against Lead Toxicity in Mice. <i>Frontiers in Microbiology</i> , <b>2018</b> , 9, 2134	5.7	22
71	Lactobacillus plantarum CCFM639 alleviates aluminium toxicity. <i>Applied Microbiology and Biotechnology</i> , <b>2016</b> , 100, 1891-1900	5.7	20
70	Postharvest control of Penicillium expansum in fruits: A review. <i>Food Bioscience</i> , <b>2020</b> , 36, 100633	4.9	20
69	Oral Supplementation of Lead-Intolerant Intestinal Microbes Protects Against Lead (Pb) Toxicity in Mice. <i>Frontiers in Microbiology</i> , <b>2019</b> , 10, 3161	5.7	20

68	Food-borne patulin toxicity is related to gut barrier disruption and can be prevented by docosahexaenoic acid and probiotic supplementation. <i>Food and Function</i> , <b>2019</b> , 10, 1330-1339	6.1	19
67	Meta-analysis of randomized controlled trials of the effects of probiotics on functional constipation in adults. <i>Clinical Nutrition</i> , <b>2020</b> , 39, 2960-2969	5.9	19
66	Identification of the key physiological characteristics of <i>Lactobacillus plantarum</i> strains for ulcerative colitis alleviation. <i>Food and Function</i> , <b>2020</b> , 11, 1279-1291	6.1	18
65	Modulation of the gut microbiota by a galactooligosaccharide protects against heavy metal lead accumulation in mice. <i>Food and Function</i> , <b>2019</b> , 10, 3768-3781	6.1	17
64	Screening of <i>Lactobacillus salivarius</i> strains from the feces of Chinese populations and the evaluation of their effects against intestinal inflammation in mice. <i>Food and Function</i> , <b>2020</b> , 11, 221-235	6.1	17
63	Progress in the distribution, toxicity, control, and detoxification of patulin: A review. <i>Toxicon</i> , <b>2020</b> , 184, 83-93	2.8	16
62	Increased Cadmium Excretion Due to Oral Administration of <i>Lactobacillus plantarum</i> Strains by Regulating Enterohepatic Circulation in Mice. <i>Journal of Agricultural and Food Chemistry</i> , <b>2019</b> , 67, 3956-3965	5.7	15
61	Protective effects of lactic acid bacteria-fermented soymilk against chronic cadmium toxicity in mice. <i>RSC Advances</i> , <b>2015</b> , 5, 4648-4658	3.7	15
60	Varied doses and chemical forms of selenium supplementation differentially affect mouse intestinal physiology. <i>Food and Function</i> , <b>2019</b> , 10, 5398-5412	6.1	15
59	Composition and antioxidant and antimicrobial activities of white apricot almond ( <i>Amygdalus communis</i> L.) oil. <i>European Journal of Lipid Science and Technology</i> , <b>2011</b> , 113, 1138-1144	3	15
58	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> , <b>2017</b> , 12, e0175398	3.7	13
57	Metabolomics analysis reveals heavy metal copper-induced cytotoxicity in HT-29 human colon cancer cells. <i>RSC Advances</i> , <b>2016</b> , 6, 78445-78456	3.7	13
56	Effects of Probiotic Supplementation on Dyslipidemia in Type 2 Diabetes Mellitus: A Meta-Analysis of Randomized Controlled Trials. <i>Foods</i> , <b>2020</b> , 9,	4.9	13
55	New insights in integrated response mechanism of <i>Lactobacillus plantarum</i> under excessive manganese stress. <i>Food Research International</i> , <b>2017</b> , 102, 323-332	7	12
54	Antibiotic-induced gut dysbiosis and barrier disruption and the potential protective strategies. <i>Critical Reviews in Food Science and Nutrition</i> , <b>2020</b> , 1-26	11.5	12
53	The characteristics of patulin detoxification by <i>Lactobacillus plantarum</i> 13M5. <i>Food and Chemical Toxicology</i> , <b>2020</b> , 146, 111787	4.7	10
52	The Composition and Concordance of Populations of Infant Gut and the Corresponding Breast-Milk and Maternal Gut. <i>Frontiers in Microbiology</i> , <b>2020</b> , 11, 597911	5.7	10
51	<i>Lactobacillus plantarum</i> CCFM639 can prevent aluminium-induced neural injuries and abnormal behaviour in mice. <i>Journal of Functional Foods</i> , <b>2017</b> , 30, 142-150	5.1	9

50	Systematic understanding of the potential manganese-adsorption components of a screened <i>Lactobacillus plantarum</i> CCFM436. <i>RSC Advances</i> , <b>2016</b> , 6, 102804-102813	3.7	9
49	Exerts Strain-Specific Effects on DSS-Induced Ulcerative Colitis in Mice. <i>Frontiers in Cellular and Infection Microbiology</i> , <b>2021</b> , 11, 698914	5.9	9
48	Complete genome sequence of <i>Lactobacillus plantarum</i> ZS2058, a probiotic strain with high conjugated linoleic acid production ability. <i>Journal of Biotechnology</i> , <b>2015</b> , 214, 212-3	3.7	8
47	Mucosal delivery of allergen peptides expressed by <i>Lactococcus lactis</i> inhibit allergic responses in a BALB/c mouse model. <i>Applied Microbiology and Biotechnology</i> , <b>2016</b> , 100, 1915-1924	5.7	8
46	Antifungal Activity of <i>Lactobacillus plantarum</i> Against <i>Penicillium roqueforti</i> in Vitro and the Preservation Effect on Chinese Steamed Bread. <i>Journal of Food Processing and Preservation</i> , <b>2017</b> , 41, e12969	2.1	8
45	The effects of diet and gut microbiota on the regulation of intestinal mucin glycosylation. <i>Carbohydrate Polymers</i> , <b>2021</b> , 258, 117651	10.3	8
44	Dose-dependent effects of lead induced gut injuries: An in vitro and in vivo study. <i>Chemosphere</i> , <b>2021</b> , 266, 129130	8.4	8
43	Efficacy of probiotics in multiple sclerosis: a systematic review of preclinical trials and meta-analysis of randomized controlled trials. <i>Food and Function</i> , <b>2021</b> , 12, 2354-2377	6.1	8
42	Role of dietary edible mushrooms in the modulation of gut microbiota. <i>Journal of Functional Foods</i> , <b>2021</b> , 83, 104538	5.1	8
41	System-wide analysis of manganese starvation-induced metabolism in key elements of <i>Lactobacillus plantarum</i> . <i>RSC Advances</i> , <b>2017</b> , 7, 12959-12968	3.7	7
40	: A Candidate Probiotic with Excellent Fermentation Properties and Health Benefits. <i>Foods</i> , <b>2020</b> , 9,	4.9	7
39	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> , <b>2020</b> , 62, 126624	4.1	7
38	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> , <b>2020</b> , 367,	2.9	7
37	Metabolomic analysis reveals the mechanism of aluminum cytotoxicity in HT-29 cells. <i>PeerJ</i> , <b>2019</b> , 7, e7524	3.1	6
36	A new method for evaluating the bioaccessibility of different foodborne forms of cadmium. <i>Toxicology Letters</i> , <b>2020</b> , 319, 31-39	4.4	6
35	Evaluation of indigenous lactic acid bacteria of raw mare milk from pastoral areas in Xinjiang, China, for potential use in probiotic fermented dairy products. <i>Journal of Dairy Science</i> , <b>2021</b> , 104, 5166-5184	4	6
34	Protective effects of different strains against lipopolysaccharide-induced acute intestinal injury, and their underlying functional genes.. <i>Journal of Advanced Research</i> , <b>2022</b> , 36, 27-37	13	6
33	The synergistic effect of <i>Lactobacillus plantarum</i> CCFM242 and zinc on ulcerative colitis through modulating intestinal homeostasis. <i>Food and Function</i> , <b>2019</b> , 10, 6147-6156	6.1	5

32	Antimicrobial activities and in vitro properties of cold-adapted <i>Lactobacillus</i> strains isolated from the intestinal tract of cold water fishes of high latitude water areas in Xinjiang, China. <i>BMC Microbiology</i> , <b>2019</b> , 19, 247	4.5	5
31	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> , <b>2020</b> , 71, 103936	5.1	5
30	<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> , <b>2021</b> , 13, 398-412	5.5	5
29	Enhancement of ester formation in Camembert cheese by addition of ethanol. <i>International Journal of Dairy Technology</i> , <b>2017</b> , 70, 220-227	3.7	4
28	Protective effects of a cocktail of lactic acid bacteria on microcystin-LR-induced hepatotoxicity and oxidative damage in BALB/c mice. <i>RSC Advances</i> , <b>2017</b> , 7, 20480-20487	3.7	4
27	Transcriptome and Proteome Expression Analysis of the Metabolism of Amino Acids by the Fungus <i>Aspergillus oryzae</i> in Fermented Soy Sauce. <i>BioMed Research International</i> , <b>2015</b> , 2015, 456802	3	4
26	<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> , <b>2021</b> , 7, 376-385	9.7	4
25	Strains Improve Constipation Symptoms and Regulate Intestinal Flora in Mice. <i>Frontiers in Cellular and Infection Microbiology</i> , <b>2021</b> , 11, 655258	5.9	4
24	Niche-Specific Adaptive Evolution of Strains Isolated From Human Feces and Paocai. <i>Frontiers in Cellular and Infection Microbiology</i> , <b>2020</b> , 10, 615876	5.9	4
23	Physiological Characteristics of Strains and Their Alleviation Effects against Inflammatory Bowel Disease. <i>Journal of Microbiology and Biotechnology</i> , <b>2021</b> , 31, 92-103	3.3	4
22	The roles of different strains in protecting against DSS-induced ulcerative colitis and related functional genes. <i>Food and Function</i> , <b>2021</b> ,	6.1	4
21	Cloning, expression, and identification of a novel class IIa bacteriocin in the <i>Escherichia coli</i> cell-free protein expression system. <i>Biotechnology Letters</i> , <b>2012</b> , 34, 359-64	3	3
20	Meta-analysis of randomized controlled trials of the effects of probiotics on type 2 diabetes in adults.. <i>Clinical Nutrition</i> , <b>2021</b> , 41, 365-373	5.9	3
19	Relief of Cadmium-Induced Intestinal Motility Disorder in Mice by CCFM8610. <i>Frontiers in Immunology</i> , <b>2020</b> , 11, 619574	8.4	3
18	Synergistic Protective Effects of Different Dietary Supplements Against Type 2 Diabetes via Regulating Gut Microbiota. <i>Journal of Medicinal Food</i> , <b>2021</b> , 24, 319-330	2.8	3
17	Association and Occurrence of Bifidobacterial Phylotypes Between Breast Milk and Fecal Microbiomes in Mother-Infant Dyads During the First 2 Years of Life. <i>Frontiers in Microbiology</i> , <b>2021</b> , 12, 669442	5.7	3
16	Evidence from comparative genomic analyses indicating that -mediated irritable bowel syndrome alleviation is mediated by conjugated linoleic acid synthesis. <i>Food and Function</i> , <b>2021</b> , 12, 1121-1134	6.1	3
15	Evaluation of Antioxidative Effects of with Fuzzy Synthetic Models. <i>Journal of Microbiology and Biotechnology</i> , <b>2018</b> , 28, 1052-1060	3.3	2

14	Protective Effects of CCFM8610 against Acute Toxicity Caused by Different Food-Derived Forms of Cadmium in Mice. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	2
13	Identification of the key characteristics of strains for the alleviation of ulcerative colitis. <i>Food and Function</i> , <b>2021</b> , 12, 3476-3492	6.1	2
12	Phocaeicola faecalis sp. nov., a strictly anaerobic bacterial strain adapted to the human gut ecosystem. <i>Antonie Van Leeuwenhoek</i> , <b>2021</b> , 114, 1225-1235	2.1	1
11	Integrated Phenotypic-Genotypic Analysis of $\alpha$ from Different Niches. <i>Foods</i> , <b>2021</b> , 10,	4.9	1
10	An optimized culture medium to isolate strains from the human intestinal tract. <i>Food and Function</i> , <b>2021</b> , 12, 6740-6754	6.1	1
9	Behavioral disorders caused by nonylphenol and strategies for protection. <i>Chemosphere</i> , <b>2021</b> , 275, 129873	8.7	1
8	Exopolysaccharides produced by <i>Pediococcus acidilactici</i> MT41-11 isolated from camel milk: Structural characteristics and bioactive properties. <i>International Journal of Biological Macromolecules</i> , <b>2021</b> , 185, 1036-1049	7.9	1
7	The Protection of CCFM8661 Against Benzopyrene-Induced Toxicity Regulation of the Gut Microbiota. <i>Frontiers in Immunology</i> , <b>2021</b> , 12, 736129	8.4	1
6	Lead-induced gut injuries and the dietary protective strategies: A review. <i>Journal of Functional Foods</i> , <b>2021</b> , 83, 104528	5.1	1
5	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> , <b>2021</b> , 9, 180	16.6	1
4	Dose-dependent effects of chronic lead toxicity in vivo: Focusing on trace elements and gut microbiota.. <i>Chemosphere</i> , <b>2022</b> , 134670	8.4	1
3	Genotyping and plant-derived glycan utilization analysis of <i>Bifidobacterium</i> strains from mother-infant pairs. <i>BMC Microbiology</i> , <b>2020</b> , 20, 277	4.5	0
2	Ethnic Specificity of Species and Strain Composition of Populations From Mother-Infant Pairs, Uncovered by Multilocus Sequence Typing.. <i>Frontiers in Microbiology</i> , <b>2022</b> , 13, 814284	5.7	
1	Novel Thermostable Heparinase Based on the Genome of <i>Bacteroides</i> Isolated from Human Gut Microbiota. <i>Foods</i> , <b>2022</b> , 11, 1462	4.9	