

Gang Wang

List of Publications by Year in Descending Order

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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.

99
papers

2,250
citations

27
h-index

44
g-index

112
ext. papers

3,495
ext. citations

5.6
avg. IF

5.2
L-index

| # | Paper | IF | Citations |
|----|--|------|-----------|
| 99 | A randomised, double-blind, placebo-controlled trial of CCFM16 for manipulation of the gut microbiota and relief from chronic constipation.. <i>Food and Function</i> , 2022 , | 6.1 | 2 |
| 98 | CCFM1019 attenuate polycystic ovary syndrome through butyrate dependent gut-brain mechanism.. <i>Food and Function</i> , 2022 , | 6.1 | 3 |
| 97 | relieves constipation by regulating the intestinal barrier of mice.. <i>Food and Function</i> , 2022 , | 6.1 | 3 |
| 96 | A psychobiotic approach to the treatment of depression: A systematic review and meta-analysis. <i>Journal of Functional Foods</i> , 2022 , 91, 104999 | 5.1 | 2 |
| 95 | Lactic acid bacteria alleviate di-(2-ethylhexyl) phthalate-induced liver and testis toxicity via their bio-binding capacity, antioxidant capacity and regulation of the gut microbiota.. <i>Environmental Pollution</i> , 2022 , 119197 | 9.3 | 0 |
| 94 | Butylated starch alleviates polycystic ovary syndrome by stimulating the secretion of peptide tyrosine-tyrosine and regulating faecal microbiota.. <i>Carbohydrate Polymers</i> , 2022 , 287, 119304 | 10.3 | 1 |
| 93 | CCFM1077 Ameliorated Neurotransmitter Disorder and Neuroinflammation Closely Linked to Regulation in the Kynurenine Pathway of Autistic-like Rats.. <i>Nutrients</i> , 2022 , 14, | 6.7 | 2 |
| 92 | Bifidobacterium breve CCFM1025 Attenuates Major Depression Disorder via Regulating Gut Microbiome and Tryptophan Metabolism: A Randomized Clinical Trial. <i>Brain, Behavior, and Immunity</i> , 2021 , 100, 233-233 | 16.6 | 7 |
| 91 | CCFM6432 mitigates chronic stress-induced anxiety and gut microbial abnormalities. <i>Food and Function</i> , 2021 , 12, 11241-11249 | 6.1 | 1 |
| 90 | Sulforaphane ameliorates non-alcoholic fatty liver disease in mice by promoting FGF21/FGFR1 signaling pathway. <i>Acta Pharmacologica Sinica</i> , 2021 , | 8 | 3 |
| 89 | Unraveling the Microbial Mechanisms Underlying the Psychobiotic Potential of a Bifidobacterium breve Strain. <i>Molecular Nutrition and Food Research</i> , 2021 , 65, e2000704 | 5.9 | 7 |
| 88 | Isolated from Different Hosts Modifies the Intestinal Microbiota and Displays Differential Metabolic and Immunomodulatory Properties in Mice Fed a High-Fat Diet. <i>Nutrients</i> , 2021 , 13, | 6.7 | 4 |
| 87 | The effects of diet and gut microbiota on the regulation of intestinal mucin glycosylation. <i>Carbohydrate Polymers</i> , 2021 , 258, 117651 | 10.3 | 8 |
| 86 | Administration of Improves the Brain Function of AβTreated Mice via the Modulation of the Gut Microbiome. <i>Nutrients</i> , 2021 , 13, | 6.7 | 8 |
| 85 | Modulation of the Gut Microbiota Structure with Probiotics and Isoflavone Alleviates Metabolic Disorder in Ovariectomized Mice. <i>Nutrients</i> , 2021 , 13, | 6.7 | 5 |
| 84 | Targeting the Gut Microbiota for Remediating Obesity and Related Metabolic Disorders. <i>Journal of Nutrition</i> , 2021 , 151, 1703-1716 | 4.1 | 1 |
| 83 | The autistic-like behaviors development during weaning and sexual maturation in VPA-induced autistic-like rats is accompanied by gut microbiota dysbiosis. <i>PeerJ</i> , 2021 , 9, e11103 | 3.1 | 3 |

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| 82 | Lactic acid bacteria that activate immune gene expression in <i>Caenorhabditis elegans</i> can antagonise <i>Campylobacter jejuni</i> infection in nematodes, chickens and mice. <i>BMC Microbiology</i> , 2021 , 21, 169 | 4.5 | 0 |
| 81 | strains derived from human gut ameliorate metabolic disorders via modulation of gut microbiota composition and short-chain fatty acids metabolism. <i>Beneficial Microbes</i> , 2021 , 12, 267-281 | 4.9 | 2 |
| 80 | Probiotics for Mild Cognitive Impairment and Alzheimer's Disease: A Systematic Review and Meta-Analysis. <i>Foods</i> , 2021 , 10, | 4.9 | 8 |
| 79 | Perfluorooctanoic acid-induced liver injury is potentially associated with gut microbiota dysbiosis. <i>Chemosphere</i> , 2021 , 266, 129004 | 8.4 | 16 |
| 78 | Lactic acid bacteria strains relieve hyperuricaemia by suppressing xanthine oxidase activity a short-chain fatty acid-dependent mechanism. <i>Food and Function</i> , 2021 , 12, 7054-7067 | 6.1 | 9 |
| 77 | -a new functional genus with potential probiotic properties?. <i>Gut Microbes</i> , 2021 , 13, 1-21 | 8.8 | 82 |
| 76 | An in vitro screening method for probiotics with antidepressant-like effect using the enterochromaffin cell model. <i>Food and Function</i> , 2021 , 12, 646-655 | 6.1 | 4 |
| 75 | Different strains change the intestinal flora composition of mice different mechanisms to alleviate loperamide-induced constipation. <i>Food and Function</i> , 2021 , 12, 6058-6069 | 6.1 | 2 |
| 74 | The emerging role of the gut microbiome in polycystic ovary syndrome. <i>F&S Reviews</i> , 2021 , 2, 214-226 | 0.5 | 3 |
| 73 | Consumption of Butylated Starch Alleviates the Chronic Restraint Stress-Induced Neurobehavioral and Gut Barrier Deficits Through Reshaping the Gut Microbiota. <i>Frontiers in Immunology</i> , 2021 , 12, 7554814 | 8.4 | 3 |
| 72 | Lactic acid bacteria alleviate liver damage caused by perfluorooctanoic acid exposure via antioxidant capacity, biosorption capacity and gut microbiota regulation. <i>Ecotoxicology and Environmental Safety</i> , 2021 , 222, 112515 | 7 | 2 |
| 71 | Psychobiotics as a novel strategy for alleviating anxiety and depression. <i>Journal of Functional Foods</i> , 2021 , 86, 104718 | 5.1 | 2 |
| 70 | Daily intake of <i>Lactobacillus</i> alleviates autistic-like behaviors by ameliorating the 5-hydroxytryptamine metabolic disorder in VPA-treated rats during weaning and sexual maturation. <i>Food and Function</i> , 2021 , 12, 2591-2604 | 6.1 | 8 |
| 69 | Evidence from comparative genomic analyses indicating that -mediated irritable bowel syndrome alleviation is mediated by conjugated linoleic acid synthesis. <i>Food and Function</i> , 2021 , 12, 1121-1134 | 6.1 | 3 |
| 68 | The Diversity of the CRISPR-Cas System and Prophages Present in the Genome Reveals the Co-evolution of and Phages. <i>Frontiers in Microbiology</i> , 2020 , 11, 1088 | 5.7 | 4 |
| 67 | Lactic acid bacteria alleviate polycystic ovarian syndrome by regulating sex hormone related gut microbiota. <i>Food and Function</i> , 2020 , 11, 5192-5204 | 6.1 | 12 |
| 66 | Lactic acid bacteria reduce diabetes symptoms in mice by alleviating gut microbiota dysbiosis and inflammation in different manners. <i>Food and Function</i> , 2020 , 11, 5898-5914 | 6.1 | 16 |
| 65 | <i>Bifidobacterium adolescentis</i> and <i>Lactobacillus rhamnosus</i> alleviate non-alcoholic fatty liver disease induced by a high-fat, high-cholesterol diet through modulation of different gut microbiota-dependent pathways. <i>Food and Function</i> , 2020 , 11, 6115-6127 | 6.1 | 18 |

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| 64 | Targeting Gut Microbiota Dysbiosis: Potential Intervention Strategies for Neurological Disorders. <i>Engineering</i> , 2020 , 6, 415-423 | 9.7 | 16 |
| 63 | Towards a psychobiotic therapy for depression: CCFM1025 reverses chronic stress-induced depressive symptoms and gut microbial abnormalities in mice. <i>Neurobiology of Stress</i> , 2020 , 12, 100216 | 7.6 | 69 |
| 62 | Gut microbiota dysbiosis might be responsible to different toxicity caused by Di-(2-ethylhexyl) phthalate exposure in murine rodents. <i>Environmental Pollution</i> , 2020 , 261, 114164 | 9.3 | 13 |
| 61 | Lactic acid bacteria exhibit similar antioxidant capacities in - and -infected mice.. <i>RSC Advances</i> , 2020 , 10, 3329-3342 | 3.7 | 7 |
| 60 | Intestinal environmental disorders associate with the tissue damages induced by perfluorooctane sulfonate exposure. <i>Ecotoxicology and Environmental Safety</i> , 2020 , 197, 110590 | 7 | 20 |
| 59 | A High-Fat Diet Increases Gut Microbiota Biodiversity and Energy Expenditure Due to Nutrient Difference. <i>Nutrients</i> , 2020 , 12, | 6.7 | 37 |
| 58 | Strains Relieve Loperamide-Induced Constipation via Different Pathways Independent of Short-Chain Fatty Acids. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020 , 10, 423 | 5.9 | 8 |
| 57 | The Protective Effect of Extracts Against Obesity and Inflammation by Regulating Free Fatty Acids Metabolism in Nonalcoholic Fatty Liver Disease. <i>Nutrients</i> , 2020 , 12, | 6.7 | 7 |
| 56 | Acetic acid and butyric acid released in large intestine play different roles in the alleviation of constipation. <i>Journal of Functional Foods</i> , 2020 , 69, 103953 | 5.1 | 21 |
| 55 | Adhesive Induced Changes in Cecal Microbiome Alleviated Constipation in Mice. <i>Frontiers in Microbiology</i> , 2019 , 10, 1721 | 5.7 | 18 |
| 54 | Bifidobacterium with the role of 5-hydroxytryptophan synthesis regulation alleviates the symptom of depression and related microbiota dysbiosis. <i>Journal of Nutritional Biochemistry</i> , 2019 , 66, 43-51 | 6.3 | 75 |
| 53 | Lactic Acid Bacteria and Host Immunity 2019 , 261-296 | | 2 |
| 52 | Lactic Acid Bacteria in Animal Breeding and Aquaculture 2019 , 257-283 | | 1 |
| 51 | Efficacy of <i>Saccharomyces Boulardii</i> Metabolism during Fermentation of Milk Fortified with Wheat Grain Juice. <i>Food Science and Technology Research</i> , 2019 , 25, 657-665 | 0.8 | 1 |
| 50 | JCM 1132 Strain and Its Mutant with Different Bacteriocin-Producing Behaviour Have Various in Situ Effects on the Gut Microbiota of Healthy Mice. <i>Microorganisms</i> , 2019 , 8, | 4.9 | 14 |
| 49 | Ingestion of <i>Bifidobacterium longum</i> subspecies <i>infantis</i> strain CCFM687 regulated emotional behavior and the central BDNF pathway in chronic stress-induced depressive mice through reshaping the gut microbiota. <i>Food and Function</i> , 2019 , 10, 7588-7598 | 6.1 | 29 |
| 48 | Bifidobacteria attenuate the development of metabolic disorders, with inter- and intra-species differences. <i>Food and Function</i> , 2018 , 9, 3509-3522 | 6.1 | 28 |
| 47 | Lactic Acid Bacteria and Foodborne Pathogens 2018 , 183-212 | | 2 |

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| 46 | The Effect of Co-infection of Food-Borne Pathogenic Bacteria on the Progression of Infection in Mice. <i>Frontiers in Microbiology</i> , 2018 , 9, 1977 | 5.7 | 10 |
| 45 | Effects of lactobacilli with different regulatory behaviours on tight junctions in mice with dextran sodium sulphate-induced colitis. <i>Journal of Functional Foods</i> , 2018 , 47, 107-115 | 5.1 | 17 |
| 44 | Lactobacillus plantarum CCFM639 can prevent aluminium-induced neural injuries and abnormal behaviour in mice. <i>Journal of Functional Foods</i> , 2017 , 30, 142-150 | 5.1 | 9 |
| 43 | Enhancement of ester formation in Camembert cheese by addition of ethanol. <i>International Journal of Dairy Technology</i> , 2017 , 70, 220-227 | 3.7 | 4 |
| 42 | System-wide analysis of manganese starvation-induced metabolism in key elements of Lactobacillus plantarum. <i>RSC Advances</i> , 2017 , 7, 12959-12968 | 3.7 | 7 |
| 41 | Effects of different oligosaccharides at various dosages on the composition of gut microbiota and short-chain fatty acids in mice with constipation. <i>Food and Function</i> , 2017 , 8, 1966-1978 | 6.1 | 81 |
| 40 | Metagenomic insights into the effects of oligosaccharides on the microbial composition of cecal contents in constipated mice. <i>Journal of Functional Foods</i> , 2017 , 38, 486-496 | 5.1 | 22 |
| 39 | Bifidobacteria exert species-specific effects on constipation in BALB/c mice. <i>Food and Function</i> , 2017 , 8, 3587-3600 | 6.1 | 31 |
| 38 | Effects of Lactobacillus casei CCFM419 on insulin resistance and gut microbiota in type 2 diabetic mice. <i>Beneficial Microbes</i> , 2017 , 8, 421-432 | 4.9 | 65 |
| 37 | Lactobacillus casei CCFM419 attenuates type 2 diabetes via a gut microbiota dependent mechanism. <i>Food and Function</i> , 2017 , 8, 3155-3164 | 6.1 | 74 |
| 36 | Bifidobacterium adolescentis Exerts Strain-Specific Effects on Constipation Induced by Loperamide in BALB/c Mice. <i>International Journal of Molecular Sciences</i> , 2017 , 18, | 6.3 | 57 |
| 35 | Effects of Lactobacillus plantarum CCFM0236 on hyperglycaemia and insulin resistance in high-fat and streptozotocin-induced type 2 diabetic mice. <i>Journal of Applied Microbiology</i> , 2016 , 121, 1727-1736 | 4.7 | 45 |
| 34 | Metabolomics analysis reveals heavy metal copper-induced cytotoxicity in HT-29 human colon cancer cells. <i>RSC Advances</i> , 2016 , 6, 78445-78456 | 3.7 | 13 |
| 33 | A cellular model for screening of lactobacilli that can enhance tight junctions. <i>RSC Advances</i> , 2016 , 6, 111812-111821 | 3.7 | 12 |
| 32 | A comparative study of the antidiabetic effects exerted by live and dead multi-strain probiotics in the type 2 diabetes model of mice. <i>Food and Function</i> , 2016 , 7, 4851-4860 | 6.1 | 37 |
| 31 | Systematic understanding of the potential manganese-adsorption components of a screened Lactobacillus plantarum CCFM436. <i>RSC Advances</i> , 2016 , 6, 102804-102813 | 3.7 | 9 |
| 30 | Lactobacillus plantarum X1 with α -glucosidase inhibitory activity ameliorates type 2 diabetes in mice. <i>RSC Advances</i> , 2016 , 6, 63536-63547 | 3.7 | 23 |
| 29 | Toxicity assessment of perfluorooctane sulfonate using acute and subchronic male C57BL/6J mouse models. <i>Environmental Pollution</i> , 2016 , 210, 388-96 | 9.3 | 34 |

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|----|--|-----|----|
| 28 | 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> , 2016 , 6, 5990-5998 | 3-7 | 28 |
| 27 | 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> , 2016 , 100, 1915-1924 | 5-7 | 8 |
| 26 | The binding characters study of lead removal by <i>Lactobacillus plantarum</i> CCFM8661. <i>European Food Research and Technology</i> , 2016 , 242, 1621-1629 | 3-4 | 22 |
| 25 | <i>Lactobacillus plantarum</i> CCFM639 alleviates aluminium toxicity. <i>Applied Microbiology and Biotechnology</i> , 2016 , 100, 1891-1900 | 5-7 | 20 |
| 24 | 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, | 6-7 | 30 |
| 23 | Immunomodulatory Effects of Different Lactic Acid Bacteria on Allergic Response and Its Relationship with In Vitro Properties. <i>PLoS ONE</i> , 2016 , 11, e0164697 | 3-7 | 32 |
| 22 | Screening of potential probiotic lactic acid bacteria based on gastrointestinal properties and perfluorooctanoate toxicity. <i>Applied Microbiology and Biotechnology</i> , 2016 , 100, 6755-6766 | 5-7 | 6 |
| 21 | Determining antioxidant activities of lactobacilli cell-free supernatants by cellular antioxidant assay: a comparison with traditional methods. <i>PLoS ONE</i> , 2015 , 10, e0119058 | 3-7 | 74 |
| 20 | Enhancement of bile resistance in <i>Lactobacillus plantarum</i> strains by soy lecithin. <i>Letters in Applied Microbiology</i> , 2015 , 61, 13-9 | 2-9 | 10 |
| 19 | Cellular model to assess the antioxidant activity of lactobacilli. <i>RSC Advances</i> , 2015 , 5, 37626-37634 | 3-7 | 12 |
| 18 | Protective effects of lactic acid bacteria-fermented soymilk against chronic cadmium toxicity in mice. <i>RSC Advances</i> , 2015 , 5, 4648-4658 | 3-7 | 15 |
| 17 | Determining antioxidant activities of lactobacilli by cellular antioxidant assay in mammal cells. <i>Journal of Functional Foods</i> , 2015 , 19, 554-562 | 5-1 | 14 |
| 16 | Protective effect of <i>Streptococcus thermophilus</i> CCFM218 against house dust mite allergy in a mouse model. <i>Food Control</i> , 2015 , 50, 283-290 | 6-2 | 8 |
| 15 | Oral application of lactic acid bacteria following treatment with antibiotics inhibits allergic airway inflammation. <i>Journal of Applied Microbiology</i> , 2015 , 119, 809-17 | 4-7 | 12 |
| 14 | Protective Effects of <i>Lactobacillus plantarum</i> CCFM8246 against Copper Toxicity in Mice. <i>PLoS ONE</i> , 2015 , 10, e0143318 | 3-7 | 28 |
| 13 | <i>Lactobacillus rhamnosus</i> CCFM1107 treatment ameliorates alcohol-induced liver injury in a mouse model of chronic alcohol feeding. <i>Journal of Microbiology</i> , 2015 , 53, 856-63 | 3 | 37 |
| 12 | Suppression of dust mite allergy by mucosal delivery of a hypoallergenic derivative in a mouse model. <i>Applied Microbiology and Biotechnology</i> , 2015 , 99, 4309-19 | 5-7 | 14 |
| 11 | Screening of lactic acid bacteria with potential protective effects against cadmium toxicity. <i>Food Control</i> , 2015 , 54, 23-30 | 6-2 | 80 |

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| 10 | Modulation of peanut-induced allergic immune responses by oral lactic acid bacteria-based vaccines in mice. <i>Applied Microbiology and Biotechnology</i> , 2014 , 98, 6353-64 | 5.7 | 32 |
| 9 | 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> , 2014 , 80, 4063-71 | 4.8 | 91 |
| 8 | Partial characterisation of an anti-listeria substance produced by <i>Pediococcus acidilactici</i> P9. <i>International Dairy Journal</i> , 2014 , 34, 275-279 | 3.5 | 9 |
| 7 | Screening of adhesive lactobacilli with antagonistic activity against <i>Campylobacter jejuni</i> . <i>Food Control</i> , 2014 , 44, 49-57 | 6.2 | 36 |
| 6 | Genetically engineered <i>Lactococcus lactis</i> protect against house dust mite allergy in a BALB/c mouse model. <i>PLoS ONE</i> , 2014 , 9, e109461 | 3.7 | 27 |
| 5 | Screening of lactobacilli with antagonistic activity against enteroinvasive <i>Escherichia coli</i> . <i>Food Control</i> , 2013 , 30, 563-568 | 6.2 | 22 |
| 4 | Protective effects of <i>Lactobacillus plantarum</i> CCFM8610 against acute cadmium toxicity in mice. <i>Applied and Environmental Microbiology</i> , 2013 , 79, 1508-15 | 4.8 | 128 |
| 3 | Quantitative genetic background of the host influences gut microbiomes in chickens. <i>Scientific Reports</i> , 2013 , 3, 1163 | 4.9 | 190 |
| 2 | <i>Lactobacillus plantarum</i> CCFM8661 alleviates lead toxicity in mice. <i>Biological Trace Element Research</i> , 2012 , 150, 264-71 | 4.5 | 77 |
| 1 | Quorum Sensing of Lactic Acid Bacteria: Progress and Insights. <i>Food Reviews International</i> , 1-12 | 5.5 | 1 |