

# Hua Wei

## 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.

134 papers	3,819 citations	34 h-index	56 g-index
144 ext. papers	4,572 ext. citations	4.5 avg, IF	5.43 L-index

#	Paper	IF	Citations
134	Functional oligosaccharide fermentation in the gut: Improving intestinal health and its determinant factors-A review.. <i>Carbohydrate Polymers</i> , <b>2022</b> , 284, 119043	10.3	2
133	Development of a label-free plasmonic gold nanoparticles aggregates sensor on the basis of charge neutralization for the detection of zearalenone. <i>Food Chemistry</i> , <b>2022</b> , 370, 131365	8.5	3
132	Gut microbiota insights into human adaption to high-plateau diet <b>2022</b> , 1,		0
131	Whole genome and acid stress comparative transcriptome analysis of <i>Lactiplantibacillus plantarum</i> ZDY2013. <i>Archives of Microbiology</i> , <b>2021</b> , 203, 2795-2807	3	2
130	Protection of surface layer protein from <i>Enterococcus faecium</i> WEFA23 against <i>Listeria monocytogenes</i> CMCC54007 infection by modulating intestinal permeability and immunity. <i>Applied Microbiology and Biotechnology</i> , <b>2021</b> , 105, 4269-4284	5.7	2
129	A Comparative Transcriptomic Analysis of Human Placental Trophoblasts in Response to Pathogenic and Probiotic Interaction. <i>Canadian Journal of Infectious Diseases and Medical Microbiology</i> , <b>2021</b> , 2021, 6655414	2.6	
128	ZDY01 inhibits choline-induced atherosclerosis through CDCA-FXR-FGF15 axis. <i>Food and Function</i> , <b>2021</b> , 12, 9932-9946	6.1	3
127	Therapeutic implications of functional tea ingredients for ameliorating inflammatory bowel disease: a focused review. <i>Critical Reviews in Food Science and Nutrition</i> , <b>2021</b> , 1-15	11.5	4
126	Ripened Pu-erh Tea Extract Promotes Gut Microbiota Resilience against Dextran Sulfate Sodium Induced Colitis. <i>Journal of Agricultural and Food Chemistry</i> , <b>2021</b> , 69, 2190-2203	5.7	8
125	Short-term intake of ZDY2013 fermented milk promotes homeostasis of gut microbiota under enterotoxigenic challenge. <i>Food and Function</i> , <b>2021</b> , 12, 5118-5129	6.1	1
124	Alleviation of Anxiety/Depressive-Like Behaviors and Improvement of Cognitive Functions by WLPL04 in Chronically Stressed Mice. <i>Canadian Journal of Infectious Diseases and Medical Microbiology</i> , <b>2021</b> , 2021, 6613903	2.6	5
123	Hot-water extract of ripened Pu-erh tea attenuates DSS-induced colitis through modulation of the NF- $\kappa$ B and HIF-1 $\alpha$ signaling pathways in mice. <i>Food and Function</i> , <b>2020</b> , 11, 3459-3470	6.1	10
122	Characterization and antitumor activity of novel exopolysaccharide APS of <i>Lactobacillus plantarum</i> WLPL09 from human breast milk. <i>International Journal of Biological Macromolecules</i> , <b>2020</b> , 163, 985-995	7.9	7
121	<i>Enterococcus hirae</i> WEHI01 isolated from a healthy Chinese infant ameliorates the symptoms of type 2 diabetes by elevating the abundance of Lactobacillales in rats. <i>Journal of Dairy Science</i> , <b>2020</b> , 103, 2969-2981	4	3
120	<i>Lactobacillus rhamnosus</i> FLRH93 protects against intestinal damage in mice induced by 5-fluorouracil. <i>Journal of Dairy Science</i> , <b>2020</b> , 103, 5003-5018	4	9
119	Genomic Analysis for Antioxidant Property of <i>Lactobacillus plantarum</i> FLPL05 from Chinese Longevity People. <i>Probiotics and Antimicrobial Proteins</i> , <b>2020</b> , 12, 1451-1458	5.5	7
118	A Phylogenetic View on the Role of Glycerol for Growth Enhancement and Reuterin Formation in. <i>Frontiers in Microbiology</i> , <b>2020</b> , 11, 601422	5.7	4

117	Probiotic <i>Enterococcus faecalis</i> Symbioflor 1 ameliorates pathobiont-induced miscarriage through bacterial antagonism and Th1-Th2 modulation in pregnant mice. <i>Applied Microbiology and Biotechnology</i> , <b>2020</b> , 104, 5493-5504	5.7	4
116	Invited review: Advancements in lateral flow immunoassays for screening hazardous substances in milk and milk powder. <i>Journal of Dairy Science</i> , <b>2019</b> , 102, 1887-1900	4	17
115	Sulfonation of <i>Lactobacillus plantarum</i> WLPL04 exopolysaccharide amplifies its antioxidant activities in vitro and in a Caco-2 cell model. <i>Journal of Dairy Science</i> , <b>2019</b> , 102, 5922-5932	4	12
114	Application and development of superparamagnetic nanoparticles in sample pretreatment and immunochromatographic assay. <i>TrAC - Trends in Analytical Chemistry</i> , <b>2019</b> , 114, 151-170	14.6	34
113	Characterization of novel exopolysaccharide of <i>Enterococcus faecium</i> WEFA23 from infant and demonstration of its in vitro biological properties. <i>International Journal of Biological Macromolecules</i> , <b>2019</b> , 128, 710-717	7.9	11
112	Anti-adhesion of probiotic <i>Enterococcus faecium</i> WEFA23 against five pathogens and the beneficial effect of its S-layer proteins against <i>Listeria monocytogenes</i> . <i>Canadian Journal of Microbiology</i> , <b>2019</b> , 65, 175-184	3.2	7
111	Effect of 3 lactobacilli on immunoregulation and intestinal microbiota in a $\beta$ -lactoglobulin-induced allergic mouse model. <i>Journal of Dairy Science</i> , <b>2019</b> , 102, 1943-1958	4	22
110	Evaluation of the accuracy and sensitivity of high-throughput sequencing technology using known microbiota. <i>Molecular Medicine Reports</i> , <b>2018</b> , 17, 408-413	2.9	10
109	Therapeutic effect of herb residue fermentation supernatant on spleen-deficient mice. <i>Molecular Medicine Reports</i> , <b>2018</b> , 17, 2764-2770	2.9	8
108	Potential of <i>Lactobacillus plantarum</i> ZDY2013 and <i>Bifidobacterium bifidum</i> WBIN03 in relieving colitis by gut microbiota, immune, and anti-oxidative stress. <i>Canadian Journal of Microbiology</i> , <b>2018</b> , 64, 327-337	3.2	38
107	Evaluation of truncated G protein delivered by live attenuated <i>Salmonella</i> as a vaccine against respiratory syncytial virus. <i>Microbial Pathogenesis</i> , <b>2018</b> , 115, 299-303	3.8	2
106	Antagonistics of <i>Lactobacillus plantarum</i> ZDY2013 against <i>Helicobacter pylori</i> SS1 and its infection in vitro in human gastric epithelial AGS cells. <i>Journal of Bioscience and Bioengineering</i> , <b>2018</b> , 126, 458-463	3.3	11
105	Engineered commensal bacteria prevent systemic inflammation-induced memory impairment and amyloidogenesis via producing GLP-1. <i>Applied Microbiology and Biotechnology</i> , <b>2018</b> , 102, 7565-7575	5.7	24
104	<i>Lactobacillus plantarum</i> ZDY04 exhibits a strain-specific property of lowering TMAO via the modulation of gut microbiota in mice. <i>Food and Function</i> , <b>2018</b> , 9, 4299-4309	6.1	66
103	Selection of aptamers against pathogenic bacteria and their diagnostics application. <i>World Journal of Microbiology and Biotechnology</i> , <b>2018</b> , 34, 149	4.4	18
102	Rapid detection of <i>Cronobacter</i> spp. in powdered infant formula by thermophilic helicase-dependent isothermal amplification combined with silica-coated magnetic particles separation. <i>Journal of Immunological Methods</i> , <b>2018</b> , 462, 54-58	2.5	8
101	Quantum dots cause acute systemic toxicity in lactating rats and growth restriction of offspring. <i>Nanoscale</i> , <b>2018</b> , 10, 11564-11577	7.7	24
100	Transcriptomic Profiling of Human Placental Trophoblasts in Response to Infection with <i>Enterococcus faecalis</i> . <i>Journal of Food Quality</i> , <b>2018</b> , 2018, 1-11	2.7	2

99	Enterococcus faecium WEFA23 from infants lessens high-fat-diet-induced hyperlipidemia via cholesterol 7-alpha-hydroxylase gene by altering the composition of gut microbiota in rats. <i>Journal of Dairy Science</i> , <b>2018</b> , 101, 7757-7767	4	15
98	Comparisons of the biodistribution and toxicological examinations after repeated intravenous administration of silver and gold nanoparticles in mice. <i>Scientific Reports</i> , <b>2017</b> , 7, 3303	4.9	127
97	An aptamer-based PCR method coupled with magnetic immunoseparation for sensitive detection of Salmonella Typhimurium in ground turkey. <i>Analytical Biochemistry</i> , <b>2017</b> , 533, 34-40	3.1	14
96	Beneficial effects of probiotic cholesterol-lowering strain of Enterococcus faecium WEFA23 from infants on diet-induced metabolic syndrome in rats. <i>Journal of Dairy Science</i> , <b>2017</b> , 100, 1618-1628	4	34
95	A physiological comparative study of acid tolerance of Lactobacillus plantarum ZDY 2013 and L. plantarum ATCC 8014 at membrane and cytoplasm levels. <i>Annals of Microbiology</i> , <b>2017</b> , 67, 669-677	3.2	10
94	Characterization and bioactivities of the exopolysaccharide from a probiotic strain of Lactobacillus plantarum WLPL04. <i>Journal of Dairy Science</i> , <b>2017</b> , 100, 6895-6905	4	77
93	Assessment of commercial probiotic products in China for labelling accuracy and probiotic characterisation of selected isolates. <i>International Journal of Dairy Technology</i> , <b>2017</b> , 70, 119-126	3.7	18
92	QCM-based aptamer selection and detection of Salmonella typhimurium. <i>Food Chemistry</i> , <b>2017</b> , 221, 776-782	8.5	77
91	Strategy for Accurate Detection of Escherichia Coli O157:H7 in Ground Pork Using a Lateral Flow Immunoassay. <i>Sensors</i> , <b>2017</b> , 17,	3.8	9
90	ZDY01 Attenuates Choline-Induced Trimethylamine -Oxide Levels by Remodeling Gut Microbiota in Mice. <i>Journal of Microbiology and Biotechnology</i> , <b>2017</b> , 27, 1491-1499	3.3	47
89	Mechanism of enhanced antibacterial activity of ultra-fine ZnO in phosphate buffer solution with various organic acids. <i>Environmental Pollution</i> , <b>2016</b> , 218, 863-869	9.3	6
88	Enhancing flora balance in the gastrointestinal tract of mice by lactic acid bacteria from Chinese sourdough and enzyme activities indicative of metabolism of protein, fat, and carbohydrate by the flora. <i>Journal of Dairy Science</i> , <b>2016</b> , 99, 7809-7820	4	10
87	Rapid and simultaneous detection of viable Cronobacter sakazakii, Staphylococcus aureus, and Bacillus cereus in infant food products by PMA-mPCR assay with internal amplification control. <i>LWT - Food Science and Technology</i> , <b>2016</b> , 74, 176-182	5.4	25
86	A new application of a sodium deoxycholate-propidium monoazide-quantitative PCR assay for rapid and sensitive detection of viable Cronobacter sakazakii in powdered infant formula. <i>Journal of Dairy Science</i> , <b>2016</b> , 99, 9550-9559	4	24
85	Evaluation of probiotic properties of Lactobacillus plantarum WLPL04 isolated from human breast milk. <i>Journal of Dairy Science</i> , <b>2016</b> , 99, 1736-1746	4	61
84	Effect of skim milk coated inulin-alginate encapsulation beads on viability and gene expression of Lactobacillus plantarum during freeze-drying. <i>LWT - Food Science and Technology</i> , <b>2016</b> , 68, 8-13	5.4	37
83	Screening probiotic strains for safety: Evaluation of virulence and antimicrobial susceptibility of enterococci from healthy Chinese infants. <i>Journal of Dairy Science</i> , <b>2016</b> , 99, 4282-4290	4	20
82	Efficacy of oral Bifidobacterium bifidum ATCC 29521 on microflora and antioxidant in mice. <i>Canadian Journal of Microbiology</i> , <b>2016</b> , 62, 249-62	3.2	20

81	Effective Removal of Tetracycline from Aqueous Solution by Organic Acid-Coated Magnetic Nanoparticles. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2016</b> , 16, 2218-26	1.3	12
80	Antagonistics against pathogenic <i>Bacillus cereus</i> in milk fermentation by <i>Lactobacillus plantarum</i> ZDY2013 and its anti-adhesion effect on Caco-2 cells against pathogens. <i>Journal of Dairy Science</i> , <b>2016</b> , 99, 2666-2674	4	20
79	Distribution and expression of the enterotoxin genes of <i>Bacillus cereus</i> in food products from Jiangxi Province, China. <i>Food Control</i> , <b>2016</b> , 67, 155-162	6.2	13
78	Synergistic in vitro and in vivo antimicrobial effect of a mixture of ZnO nanoparticles and <i>Lactobacillus</i> Fermentation liquor. <i>Applied Microbiology and Biotechnology</i> , <b>2016</b> , 100, 3757-66	5.7	5
77	Detection of viable enterotoxin-producing <i>Bacillus cereus</i> and analysis of toxigenicity from ready-to-eat foods and infant formula milk powder by multiplex PCR. <i>Journal of Dairy Science</i> , <b>2016</b> , 99, 1047-1055	4	27
76	A novel strain of <i>Lactobacillus mucosae</i> isolated from a Gaotian villager improves in vitro and in vivo antioxidant as well as biological properties in D-galactose-induced aging mice. <i>Journal of Dairy Science</i> , <b>2016</b> , 99, 903-914	4	32
75	Changes in gastric microbiota induced by <i>Helicobacter pylori</i> infection and preventive effects of <i>Lactobacillus plantarum</i> ZDY 2013 against such infection. <i>Journal of Dairy Science</i> , <b>2016</b> , 99, 970-981	4	33
74	Physiological and transcriptional responses and cross protection of <i>Lactobacillus plantarum</i> ZDY2013 under acid stress. <i>Journal of Dairy Science</i> , <b>2016</b> , 99, 1002-1010	4	35
73	Enhanced antimicrobial activity of silver nanoparticles- <i>Lonicera Japonica</i> Thunb combo. <i>IET Nanobiotechnology</i> , <b>2016</b> , 10, 28-32	2	10
72	Evaluation of the Microbial Diversity in Amyotrophic Lateral Sclerosis Using High-Throughput Sequencing. <i>Frontiers in Microbiology</i> , <b>2016</b> , 7, 1479	5.7	105
71	Short communication: Modulation of the small intestinal microbial community composition over short-term or long-term administration with <i>Lactobacillus plantarum</i> ZDY2013. <i>Journal of Dairy Science</i> , <b>2016</b> , 99, 6913-6921	4	20
70	Integration of genomic and proteomic data to identify candidate genes in HT-29 cells after incubation with <i>Bifidobacterium bifidum</i> ATCC 29521. <i>Journal of Dairy Science</i> , <b>2016</b> , 99, 6874-6888	4	2
69	Characterization and sulfated modification of an exopolysaccharide from <i>Lactobacillus plantarum</i> ZDY2013 and its biological activities. <i>Carbohydrate Polymers</i> , <b>2016</b> , 153, 25-33	10.3	78
68	In vitro probiotic characteristics of <i>Lactobacillus plantarum</i> ZDY 2013 and its modulatory effect on gut microbiota of mice. <i>Journal of Dairy Science</i> , <b>2015</b> , 98, 5850-61	4	43
67	Dual gold nanoparticle lateflow immunoassay for sensitive detection of <i>Escherichia coli</i> O157:H7. <i>Analytica Chimica Acta</i> , <b>2015</b> , 876, 71-6	6.6	56
66	Oral administration of <i>Bifidobacterium bifidum</i> for modulating microflora, acid and bile resistance, and physiological indices in mice. <i>Canadian Journal of Microbiology</i> , <b>2015</b> , 61, 155-63	3.2	5
65	Development of an SD-PMA-mPCR assay with internal amplification control for rapid and sensitive detection of viable <i>Salmonella</i> spp., <i>Shigella</i> spp. and <i>Staphylococcus aureus</i> in food products. <i>Food Control</i> , <b>2015</b> , 57, 314-320	6.2	27
64	A novel method for screening of potential probiotics for high adhesion capability. <i>Journal of Dairy Science</i> , <b>2015</b> , 98, 4310-7	4	14

63	In vitro and in vivo examination of anticolonization of pathogens by <i>Lactobacillus paracasei</i> FJ861111.1. <i>Journal of Dairy Science</i> , <b>2015</b> , 98, 6759-66	4	17
62	Analysis of the intestinal microbial community structure of healthy and long-living elderly residents in Gaotian Village of Liuyang City. <i>Applied Microbiology and Biotechnology</i> , <b>2015</b> , 99, 9085-95	5-7	35
61	Size dependent biodistribution and toxicokinetics of iron oxide magnetic nanoparticles in mice. <i>Nanoscale</i> , <b>2015</b> , 7, 625-36	7-7	113
60	Fermentation of <i>Allium chinense</i> Bulbs With <i>Lactobacillus plantarum</i> ZDY 2013 Shows Enhanced Biofunctionalities, and Nutritional and Chemical Properties. <i>Journal of Food Science</i> , <b>2015</b> , 80, M2272-8	3-4	7
59	Draft Genome Sequence of <i>Lactobacillus plantarum</i> WLPL04, Isolated from Human Breast Milk. <i>Genome Announcements</i> , <b>2015</b> , 3,		1
58	Rapid detection of <i>Staphylococcus aureus</i> in dairy and meat foods by combination of capture with silica-coated magnetic nanoparticles and thermophilic helicase-dependent isothermal amplification. <i>Journal of Dairy Science</i> , <b>2015</b> , 98, 1563-70	4	23
57	Novel strategies to enhance lateral flow immunoassay sensitivity for detecting foodborne pathogens. <i>Journal of Agricultural and Food Chemistry</i> , <b>2015</b> , 63, 745-53	5-7	117
56	Propidium monoazide combined with real-time PCR for selective detection of viable <i>Staphylococcus aureus</i> in milk powder and meat products. <i>Journal of Dairy Science</i> , <b>2015</b> , 98, 1625-33	4	35
55	Molecular identification of microbial community in surface and undersurface douchi during postfermentation. <i>Journal of Food Science</i> , <b>2014</b> , 79, M653-8	3-4	16
54	The non-cytotoxicity characterization of rebaudioside A as a food additive. <i>Food and Chemical Toxicology</i> , <b>2014</b> , 66, 334-40	4-7	10
53	Antioxidant and antibacterial activities of exopolysaccharides from <i>Bifidobacterium bifidum</i> WBIN03 and <i>Lactobacillus plantarum</i> R315. <i>Journal of Dairy Science</i> , <b>2014</b> , 97, 7334-43	4	105
52	Improvement of the stability of immunochromatographic assay for the quantitative detection of clenbuterol in swine urine. <i>Analytical Methods</i> , <b>2014</b> , 6, 7394-7398	3-2	17
51	Detection of <i>Cronobacter</i> species in powdered infant formula by probe-magnetic separation PCR. <i>Journal of Dairy Science</i> , <b>2014</b> , 97, 6067-75	4	15
50	Impact of actin on adhesion and translocation of <i>Enterococcus faecalis</i> . <i>Archives of Microbiology</i> , <b>2014</b> , 196, 109-17	3	14
49	Antibiotic resistance capability of cultured human colonic microbiota growing in a chemostat model. <i>Applied Biochemistry and Biotechnology</i> , <b>2014</b> , 173, 765-74	3-2	7
48	Rapid and accurate detection of viable <i>Escherichia coli</i> O157:H7 in milk using a combined IMS, sodium deoxycholate, PMA and real-time quantitative PCR process. <i>Food Control</i> , <b>2014</b> , 36, 119-125	6-2	45
47	Immunomodulatory activities of <i>Lactobacillus rhamnosus</i> ZDY114 and donkey milk in BALB/c mice. <i>International Dairy Journal</i> , <b>2014</b> , 34, 263-266	3-5	7
46	Detection of non-emetic and emetic <i>Bacillus cereus</i> by propidium monoazide multiplex PCR (PMA-mPCR) with internal amplification control. <i>Food Control</i> , <b>2014</b> , 35, 401-406	6-2	37



45	Development of an immunomagnetic separation-propidium monoazide-polymerase chain reaction assay with internal amplification control for rapid and sensitive detection of viable Escherichia coli O157:H7 in milk. <i>International Dairy Journal</i> , <b>2014</b> , 34, 280-286	3.5	13
44	Immunochromatographic strip for rapid detection of Cronobacter in powdered infant formula in combination with silica-coated magnetic nanoparticles separation and 16S rRNA probe. <i>Biosensors and Bioelectronics</i> , <b>2014</b> , 61, 306-13	11.8	33
43	The beneficial effect of exopolysaccharides from Bifidobacterium bifidum WBIN03 on microbial diversity in mouse intestine. <i>Journal of the Science of Food and Agriculture</i> , <b>2014</b> , 94, 256-64	4.3	20
42	Microbiological quality and characteristics of probiotic products in China. <i>Journal of the Science of Food and Agriculture</i> , <b>2014</b> , 94, 131-8	4.3	27
41	The Effects of Rebaudioside A on Microbial Diversity in Mouse Intestine. <i>Food Science and Technology Research</i> , <b>2014</b> , 20, 459-467	0.8	17
40	Lateral-flow assay for rapid quantitative detection of clorprenaline residue in swine urine. <i>Journal of Food Protection</i> , <b>2014</b> , 77, 1824-9	2.5	19
39	Sample preincubation strategy for sensitive and quantitative detection of clenbuterol in swine urine using a fluorescent microsphere-based immunochromatographic assay. <i>Journal of Food Protection</i> , <b>2014</b> , 77, 1998-2003	2.5	19
38	In vitro catabolism of quercetin by human fecal bacteria and the antioxidant capacity of its catabolites. <i>Food and Nutrition Research</i> , <b>2014</b> , 58,	3.1	35
37	Development of a rapid and sensitive quantum dot-based immunochromatographic strip by double labeling PCR products for detection of Staphylococcus aureus in food. <i>Food Control</i> , <b>2014</b> , 46, 225-232	6.2	43
36	Isolation and identification of quercetin degrading bacteria from human fecal microbes. <i>PLoS ONE</i> , <b>2014</b> , 9, e90531	3.7	35
35	Expression and characterization of ArgR, an arginine regulatory protein in Corynebacterium crenatum. <i>Biomedical and Environmental Sciences</i> , <b>2014</b> , 27, 436-43	1.1	4
34	Antibacterial activity and mechanism of action of E-poly-L-lysine. <i>Biochemical and Biophysical Research Communications</i> , <b>2013</b> , 439, 148-53	3.4	141
33	Identification and characterization of OmpL as a potential vaccine candidate for immune-protection against salmonellosis in mice. <i>Vaccine</i> , <b>2013</b> , 31, 2930-6	4.1	14
32	Monoclonal antibody-based enzyme-linked immunosorbent assay for detection of total malachite green and crystal violet residues in fishery products. <i>International Journal of Environmental Analytical Chemistry</i> , <b>2013</b> , 93, 959-969	1.8	13
31	Development of an immunochromatographic assay for rapid and quantitative detection of clenbuterol in swine urine. <i>Food Control</i> , <b>2013</b> , 34, 725-732	6.2	69
30	Differentially-expressed genes in Candida albicans exposed to E-poly-L-lysine. <i>Biotechnology Letters</i> , <b>2013</b> , 35, 2147-53	3	3
29	Magnetic nano-beads based separation combined with propidium monoazide treatment and multiplex PCR assay for simultaneous detection of viable Salmonella Typhimurium, Escherichia coli O157:H7 and Listeria monocytogenes in food products. <i>Food Microbiology</i> , <b>2013</b> , 34, 418-24	6	96
28	Rapid detection of Campylobacter jejuni using fluorescent microspheres as label for immunochromatographic strip test. <i>Food Science and Biotechnology</i> , <b>2013</b> , 22, 585-591	3	16

27	Identification of an outer membrane protein of Salmonella enterica serovar Typhimurium as a potential vaccine candidate for Salmonellosis in mice. <i>Microbes and Infection</i> , <b>2013</b> , 15, 388-98	9.3	8
26	Fluorescent Ru(phen) <sub>3</sub> (2+)-doped silica nanoparticles-based ICTS sensor for quantitative detection of enrofloxacin residues in chicken meat. <i>Analytical Chemistry</i> , <b>2013</b> , 85, 5120-8	7.8	91
25	Quantum dot-based immunochromatography test strip for rapid detection of Campylobacter jejuni. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2013</b> , 13, 4552-9	1.3	8
24	Safety assessment and probiotic evaluation of Enterococcus faecium YF5 isolated from sourdough. <i>Journal of Food Science</i> , <b>2013</b> , 78, M587-93	3.4	33
23	Survival, distribution, and translocation of Enterococcus faecalis and implications for pregnant mice. <i>FEMS Microbiology Letters</i> , <b>2013</b> , 349, 32-9	2.9	11
22	Role of reactive oxygen species in the antibacterial mechanism of silver nanoparticles on Escherichia coli O157:H7. <i>BioMetals</i> , <b>2012</b> , 25, 45-53	3.4	174
21	Development of a propidium monoazide treatment combined with loop-mediated isothermal amplification (PMA-LAMP) assay for rapid detection of viable Listeria monocytogenes. <i>International Journal of Food Science and Technology</i> , <b>2012</b> , 47, 2460-2467	3.8	25
20	Differential expression of virulence and stress fitness genes during interaction between Listeria monocytogenes and Bifidobacterium longum. <i>Bioscience, Biotechnology and Biochemistry</i> , <b>2012</b> , 76, 699-704	3.1	16
19	Nanobeads-based rapid magnetic solid phase extraction of trace amounts of leuco-malachite green in Chinese major carps. <i>Talanta</i> , <b>2012</b> , 97, 336-42	6.2	18
18	Development of a multiplexed PCR assay combined with propidium monoazide treatment for rapid and accurate detection and identification of three viable Salmonella enterica serovars. <i>Food Control</i> , <b>2012</b> , 28, 456-462	6.2	21
17	Application of denaturing gradient gel electrophoresis to microbial diversity analysis in Chinese Douchi. <i>Journal of the Science of Food and Agriculture</i> , <b>2012</b> , 92, 2171-6	4.3	37
16	Investigation of the microbial changes during koji-making process of Douchi by culture-dependent techniques and PCR-DGGE. <i>International Journal of Food Science and Technology</i> , <b>2011</b> , 46, 1878-1883	3.8	36
15	Antibody conjugated magnetic iron oxide nanoparticles for cancer cell separation in fresh whole blood. <i>Biomaterials</i> , <b>2011</b> , 32, 9758-65	15.6	275
14	Molecular identification of microbial community in Chinese douchi during post-fermentation process. <i>Food Science and Biotechnology</i> , <b>2011</b> , 20, 1633-1638	3	19
13	DETOXIFICATION OF DEOXYNIVALENOL BY BACILLUS STRAINS. <i>Journal of Food Safety</i> , <b>2010</b> , 30, no-no 2		1
12	Effects of pH and temperature on antibacterial activity of silver nanoparticles <b>2010</b> ,		4
11	Elimination of Quantum Dots Cell Uptake. <i>Materials Research Society Symposia Proceedings</i> , <b>2009</b> , 1236, 1		
10	Breast Cancer Cell Imaging using Semiconductor Quantum Dots. <i>ECS Transactions</i> , <b>2009</b> , 25, 69-77	1	5



9	Cell Uptake of Nanoparticles. <i>ECS Transactions</i> , <b>2009</b> , 25, 9-17		1
8	Application of Semiconductor Quantum Dots for Breast Cancer Cell Sensing <b>2009</b> ,		2
7	Antagonistic potential against pathogenic microorganisms and hydrogen peroxide production of indigenous lactobacilli isolated from vagina of Chinese pregnant women. <i>Biomedical and Environmental Sciences</i> , <b>2008</b> , 21, 365-71	1.1	20
6	Synergistic effects of <i>Lactobacillus rhamnosus</i> ZDY114 and bovine colostrums on the immunological function of mouse in vivo and in vitro. <i>Applied Microbiology and Biotechnology</i> , <b>2007</b> , 75, 427-34	5.7	15
5	Indigenous microorganisms from iceberg lettuce with adherence and antagonistic potential for use as protective culture. <i>Innovative Food Science and Emerging Technologies</i> , <b>2006</b> , 7, 294-301	6.8	115
4	Effect of temperature and chlorination of pre-washing water on shelf-life and physiological properties of ready-to-use iceberg lettuce. <i>Innovative Food Science and Emerging Technologies</i> , <b>2005</b> , 6, 171-182	6.8	68
3	Optimization of acidified warm water treatment to improve the microbiological status and sensory quality of iceberg lettuce. <i>European Food Research and Technology</i> , <b>2005</b> , 220, 168-175	3.4	11
2	Combination of warm water and hydrogen peroxide to reduce the numbers of <i>Salmonella</i> Typhimurium and <i>Listeria innocua</i> on field salad ( <i>Valerianella locusta</i> ). <i>European Food Research and Technology</i> , <b>2005</b> , 221, 180-186	3.4	8
1	Effects of anti-caries antibodies on <i>Lactobacillus</i> GG in its fermentation and storage periods. <i>Biomedical and Environmental Sciences</i> , <b>2002</b> , 15, 153-65	1.1	2