

# Bei Wang

## List of Publications by Year in descending order

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Version: 2024-02-01

71  
papers

1,649  
citations

331259

21  
h-index

329751

37  
g-index

75  
all docs

75  
docs citations

75  
times ranked

1995  
citing authors

#	ARTICLE	IF	CITATIONS
1	Study of ultrasonic cavitation during extraction of the peanut oil at varying frequencies. <i>Ultrasonics Sonochemistry</i> , 2017, 37, 106-113.	3.8	120
2	Mechanism study of dual-frequency ultrasound assisted enzymolysis on rapeseed protein by immobilized Alcalase. <i>Ultrasonics Sonochemistry</i> , 2016, 32, 307-313.	3.8	90
3	Effects and mechanism of dual-frequency power ultrasound on the molecular weight distribution of corn gluten meal hydrolysates. <i>Ultrasonics Sonochemistry</i> , 2016, 30, 44-51.	3.8	88
4	Effectiveness of pulsed light treatment for degradation and detoxification of aflatoxin B1 and B2 in rough rice and rice bran. <i>Food Control</i> , 2016, 59, 461-467.	2.8	88
5	Effects of Ultrasound Pretreatment on the Enzymolysis and Structural Characterization of Wheat Gluten. <i>Food Biophysics</i> , 2015, 10, 385-395.	1.4	77
6	Effect of simultaneous infrared dry-blanching and dehydration on quality characteristics of carrot slices. <i>LWT - Food Science and Technology</i> , 2014, 57, 90-98.	2.5	69
7	Catalytic Infrared and Hot Air Dehydration of Carrot Slices. <i>Journal of Food Process Engineering</i> , 2014, 37, 111-121.	1.5	58
8	Comparison of water and infrared blanching methods for processing performance and final product quality of French fries. <i>Journal of Food Engineering</i> , 2014, 121, 135-142.	2.7	58
9	Surface topography, nano-mechanics and secondary structure of wheat gluten pretreated by alternate dual-frequency ultrasound and the correlation to enzymolysis. <i>Ultrasonics Sonochemistry</i> , 2016, 31, 267-275.	3.8	50
10	Apolipoprotein E Gene Variants and Risk of Coronary Heart Disease: A Meta-Analysis. <i>BioMed Research International</i> , 2016, 2016, 1-12.	0.9	49
11	Effect of pulsed light on activity and structural changes of horseradish peroxidase. <i>Food Chemistry</i> , 2017, 234, 20-25.	4.2	47
12	Ultrasonic Treatment Effect on Enzymolysis Kinetics and Activities of ACE-Inhibitory Peptides from Oat-Isolated Protein. <i>Food Biophysics</i> , 2015, 10, 244-252.	1.4	46
13	Effective Disinfection of Rough Rice Using Infrared Radiation Heating. <i>Journal of Food Protection</i> , 2014, 77, 1538-1545.	0.8	40
14	Effects and mechanism of ultrasound pretreatment on rapeseed protein enzymolysis. <i>Journal of the Science of Food and Agriculture</i> , 2016, 96, 1159-1166.	1.7	39
15	Non-lab and semi-lab algorithms for screening undiagnosed diabetes: A cross-sectional study. <i>EBioMedicine</i> , 2018, 35, 307-316.	2.7	37
16	Optimization of spiral continuous flow-through pulse light sterilization for <i>Escherichia coli</i> in red grape juice by response surface methodology. <i>Food Control</i> , 2019, 105, 8-12.	2.8	37
17	Thermal and storage characteristics of tomato seed oil. <i>LWT - Food Science and Technology</i> , 2015, 63, 191-197.	2.5	36
18	Association between polycystic ovary syndrome and the vaginal microbiome: A case-control study. <i>Clinical Endocrinology</i> , 2020, 93, 52-60.	1.2	33

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19	The prevalence, temporal trends, and geographical distribution of HIV-1 subtypes among men who have sex with men in China: A systematic review and meta-analysis. <i>Epidemiology and Infection</i> , 2019, 147, e83.	1.0	28
20	Effects of Th1 and Th2 cells balance in pulmonary injury induced by nano titanium dioxide. <i>Environmental Toxicology and Pharmacology</i> , 2014, 37, 275-283.	2.0	27
21	Comparison of the molecular characteristics of <i>Mycoplasma pneumoniae</i> from children across different regions of China. <i>PLoS ONE</i> , 2018, 13, e0198557.	1.1	27
22	Variant rs1421085 in the FTO gene contribute childhood obesity in Chinese children aged 3-6 years. <i>Obesity Research and Clinical Practice</i> , 2013, 7, e14-e22.	0.8	22
23	Pre-pregnancy maternal fasting plasma glucose levels in relation to time to pregnancy among the couples attempting first pregnancy. <i>Human Reproduction</i> , 2019, 34, 1325-1333.	0.4	22
24	MicroRNA biogenesis pathway genes polymorphisms and cancer risk: a systematic review and meta-analysis. <i>PeerJ</i> , 2016, 4, e2706.	0.9	22
25	HIV prevalence and correlated factors of female sex workers and male clients in a border region of Yunnan Province, China. <i>International Journal of STD and AIDS</i> , 2018, 29, 424-434.	0.5	21
26	The association between vaginal microbiota and female infertility: a systematic review and meta-analysis. <i>Archives of Gynecology and Obstetrics</i> , 2020, 302, 569-578.	0.8	20
27	A preliminary cost-effectiveness analysis of hepatitis E vaccination among pregnant women in epidemic regions. <i>Human Vaccines and Immunotherapeutics</i> , 2016, 12, 2003-2009.	1.4	19
28	Effects of Variety, Season, and Region on Theaflavins Content of Fermented Chinese Congou Black Tea. <i>Journal of Food Quality</i> , 2018, 2018, 1-9.	1.4	18
29	Tea consumption and risk of diabetes in the Chinese population: a multi-centre, cross-sectional study. <i>British Journal of Nutrition</i> , 2020, 123, 428-436.	1.2	18
30	Clinical Manifestations of Polycystic Ovary Syndrome and Associations With the Vaginal Microbiome: A Cross-Sectional Based Exploratory Study. <i>Frontiers in Endocrinology</i> , 2021, 12, 662725.	1.5	18
31	Simultaneous decontamination and drying of rough rice using combined pulsed light and holding treatment. <i>Journal of the Science of Food and Agriculture</i> , 2016, 96, 2874-2881.	1.7	17
32	Efficacy of urinary glucose for diabetes screening: a reconsideration. <i>Acta Diabetologica</i> , 2019, 56, 45-53.	1.2	17
33	Antimicrobial susceptibility of <i>Neisseria gonorrhoeae</i> isolated in Jiangsu Province, China, with a focus on fluoroquinolone resistance. <i>Journal of Medical Microbiology</i> , 2006, 55, 1251-1255.	0.7	16
34	High-level expression of angiotensin converting enzyme inhibitory peptide Tuna AI as tandem multimer in <i>Escherichia coli</i> BL21 (DE3). <i>Process Biochemistry</i> , 2015, 50, 545-552.	1.8	16
35	Identification of Newly Diagnosed Diabetes and Prediabetes Using Fasting Plasma Glucose and Urinary Glucose in a Chinese Population. <i>Chinese Medical Journal</i> , 2018, 131, 1652-1657.	0.9	16
36	Comparison of Accelerated and Standard Hepatitis B Vaccination Schedules in High-Risk Healthy Adults: A Meta-Analysis of Randomized Controlled Trials. <i>PLoS ONE</i> , 2015, 10, e0133464.	1.1	16

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37	Relationships between the structure of wheat gluten and ACE inhibitory activity of hydrolysate: stepwise multiple linear regression analysis. <i>Journal of the Science of Food and Agriculture</i> , 2016, 96, 3313-3320.	1.7	15
38	Viral hepatitis vaccination during pregnancy. <i>Human Vaccines and Immunotherapeutics</i> , 2016, 12, 894-902.	1.4	15
39	Degradation kinetics of aflatoxin B <sub>1</sub> and B <sub>2</sub> in solid medium by using pulsed light irradiation. <i>Journal of the Science of Food and Agriculture</i> , 2018, 98, 5220-5224.	1.7	15
40	Immunization interventions to interrupt hepatitis B virus mother-to-child transmission: a meta-analysis of randomized controlled trials. <i>BMC Pediatrics</i> , 2014, 14, 307.	0.7	14
41	Preconception blood pressure and time to pregnancy among couples attempting to conceive their first pregnancy. <i>American Journal of Obstetrics and Gynecology</i> , 2019, 221, 470.e1-470.e10.	0.7	13
42	Exploration and Validation of the Performance of Hemoglobin A1c in Detecting Diabetes in Community-Dwellers With Hypertension. <i>Annals of Laboratory Medicine</i> , 2020, 40, 457-465.	1.2	12
43	Surface decontamination of whole eggs using pulsed light technology and shelf life study of combined pulsed light and vaseline coating during room temperature storage. <i>Food Control</i> , 2022, 137, 108411.	2.8	11
44	Molecular Epidemiology of HIV-1 in Jiangsu Province, Southeast China: Genotypes and HIV-1 Transmission Networks Among Newly Diagnosed Men Having Sex with Men in 2017. <i>AIDS Research and Human Retroviruses</i> , 2021, 37, 62-69.	0.5	10
45	Effect of Metabolic Health and Obesity Phenotype on Risk of Diabetes Mellitus: A Population-Based Longitudinal Study. <i>Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy</i> , 2021, Volume 14, 3485-3498.	1.1	10
46	First Detection of a Cluster Novel HIV-1 Second-Generation Recombinant (CRF01_AE/CRF07_BC) among Men Who Have Sex with Men in Nanjing, Eastern China. <i>Intervirology</i> , 2021, 64, 81-87.	1.2	10
47	HIV prevalence and correlated factors among male clients of female sex workers in a border region of China. <i>PLoS ONE</i> , 2019, 14, e0225072.	1.1	9
48	Effect of ultrasonic pretreatment monitored by real-time online technologies on dried preparation time and yield during extraction process of okra pectin. <i>Journal of the Science of Food and Agriculture</i> , 2021, 101, 4361-4372.	1.7	9
49	Decontamination and quality assessment of freshly squeezed grape juice under spiral continuous flow-through pulsed light (SCFPL) treatment. <i>Journal of Food Processing and Preservation</i> , 2022, 46, e16186.	0.9	9
50	Association of methylenetetrahydrofolate reductase C677T and A1298C polymorphisms with genetic susceptibility to polycystic ovary syndrome: A PRISMA-compliant meta-analysis. <i>Gene</i> , 2019, 719, 144079.	1.0	8
51	Molecular Evolution of Classic Human Astrovirus, as Revealed by the Analysis of the Capsid Protein Gene. <i>Viruses</i> , 2019, 11, 707.	1.5	7
52	Factors associated with disclosing men who have sex with men (MSM) sexual behaviors and HIV-positive status: A study based on a social network analysis in Nanjing, China. <i>PLoS ONE</i> , 2018, 13, e0196116.	1.1	6
53	Acceptability of HIV pre-exposure prophylaxis in China: A systematic review and meta-analysis. <i>International Journal of STD and AIDS</i> , 2022, 33, 218-231.	0.5	5
54	Short-term effects of lifestyle intervention in the reversion to normoglycemia in people with prediabetes. <i>Primary Care Diabetes</i> , 2022, 16, 168-172.	0.9	5

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55	Drying Performance and Product Quality of Sliced Carrots by Infrared Blanching Followed by Different Drying Methods. <i>International Journal of Food Engineering</i> , 2018, 14, .	0.7	4
56	The prevalence and influencing factors of anaemia among pre-pregnant women in mainland China: a large population-based, cross-sectional study. <i>British Journal of Nutrition</i> , 2021, , 1-12.	1.2	4
57	Characteristics of the vaginal microbiome in cross-border female sex workers in China: a case-control study. <i>PeerJ</i> , 2019, 7, e8131.	0.9	4
58	Use of capillary glucose combined with other non-laboratory examinations to screen for diabetes and prediabetes. <i>Diabetic Medicine</i> , 2019, 36, 1671-1678.	1.2	3
59	The association between low glucose-6-phosphate dehydrogenase activity level and hepatitis B virus infection among pre-pregnant reproductive-age Chinese females. <i>Scientific Reports</i> , 2019, 9, 3865.	1.6	3
60	Reference intervals for serum 1,5-anhydroglucitol of a population with normal glucose tolerance in Jiangsu Province. <i>Journal of Diabetes</i> , 2020, 12, 447-454.	0.8	3
61	Genetic Characterizations and Molecular Evolution of VP7 Gene in Human Group A Rotavirus G1. <i>Viruses</i> , 2020, 12, 831.	1.5	3
62	&lt;p&gt;Urine Glucose Excretion Attenuates the Association Between Lipid Accumulation Product and Serum Uric Acid in Subjects with Prediabetes&lt;/p&gt;. <i>Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy</i> , 2020, Volume 13, 2297-2305.	1.1	3
63	A genetic analysis identifies haplotype at adiponectin locus: Association with the metabolic health and obesity phenotypes. <i>Gene</i> , 2021, 784, 145593.	1.0	3
64	Drug Resistance to HIV-1 Integrase Inhibitors among Treatment-naive Patients in Jiangsu, China. <i>Biomedical and Environmental Sciences</i> , 2021, 34, 400-403.	0.2	3
65	HbA 1c combined with glycated albumin or 1,5-anhydroglucitol improves the efficiency of diabetes screening in a Chinese population. <i>Diabetic Medicine</i> , 2021, , e14685.	1.2	2
66	Genetic Characterizations and Molecular Evolution of the Measles Virus Genotype B3™s Hemagglutinin (H) Gene in the Elimination Era. <i>Viruses</i> , 2021, 13, 1970.	1.5	2
67	The elevation of serum uric acid depends on insulin resistance but not fasting plasma glucose in hyperuricaemia. <i>Clinical and Experimental Rheumatology</i> , 2022, 40, 613-619.	0.4	2
68	Novel clusters of newly-diagnosed type 2 diabetes and their association with diabetic retinopathy: a 3-year follow-up study. <i>Acta Diabetologica</i> , 2022, , 1.	1.2	1
69	The associations between low abundance of <i>Mycoplasma hominis</i> and female fecundability: a pregnancy-planning cohort study. <i>BMC Microbiology</i> , 2022, 22, 121.	1.3	1
70	The Basic Concept and Research Progress of Food Physical Processing. , 2019, , 33-72.		0
71	The elevation of serum uric acid depends on insulin resistance but not fasting plasma glucose in hyperuricaemia. <i>Clinical and Experimental Rheumatology</i> , 2021, , .	0.4	0