

# Xiangyang 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.

24  
papers

523  
citations

13  
h-index

22  
g-index

26  
ext. papers

656  
ext. citations

5.5  
avg, IF

3.92  
L-index

#	Paper	IF	Citations
24	Migration of bisphenol A from polyvinyl chloride plastics to solvents of different polarities and packaged food in China. <i>Packaging Technology and Science</i> , <b>2021</b> , 34, 127-137	2.3	2
23	Recent development of HS-GC-IMS technology in rapid and non-destructive detection of quality and contamination in agri-food products. <i>TrAC - Trends in Analytical Chemistry</i> , <b>2021</b> , 144, 116435	14.6	6
22	Characterization and inhibition of four fungi producing citrinin in various culture media. <i>Biotechnology Letters</i> , <b>2021</b> , 43, 701-710	3	1
21	Preparation of highly crystalline nitrogen-doped carbon dots and their application in sequential fluorescent detection of Fe and ascorbic acid. <i>Food Chemistry</i> , <b>2020</b> , 326, 126935	8.5	36
20	Development and validation of a bullfrog-immunoaffinity column clean-up for citrinin determination in red yeast rice. <i>Process Biochemistry</i> , <b>2019</b> , 78, 200-206	4.8	3
19	Effects of exogenous cholesterol treatment on quality characteristics of pak choy ( <i>Brassica chinensis</i> L.) during storage. <i>Postharvest Biology and Technology</i> , <b>2019</b> , 156, 110926	6.2	6
18	Isolation and identification of nucleosides/nucleotides raising testosterone and NO levels of mice serum from Chinese chive ( <i>Allium tuberosum</i> ) leaves. <i>Andrologia</i> , <b>2019</b> , 51, e13191	2.4	0
17	The mechanism of cholesterol-effect on the quality of green asparagus ( <i>Asparagus officinalis</i> L.) spears during low temperature storage. <i>Scientia Horticulturae</i> , <b>2018</b> , 231, 36-42	4.1	8
16	Comparison of enhanced male mice sexual function among three medicinal materials. <i>Andrologia</i> , <b>2018</b> , 50, e13087	2.4	4
15	Insight into the interaction between chitosan and bovine serum albumin. <i>Carbohydrate Polymers</i> , <b>2017</b> , 176, 75-82	10.3	40
14	Effect of postharvest L-arginine or cholesterol treatment on the quality of green asparagus ( <i>Asparagus officinalis</i> L.) spears during low temperature storage. <i>Scientia Horticulturae</i> , <b>2017</b> , 225, 788-794	4.1	14
13	Synthesis, characterization, and antimicrobial activities of sulfonated chitosan. <i>Carbohydrate Polymers</i> , <b>2017</b> , 155, 321-328	10.3	84
12	Pyridine-grafted chitosan derivative as an antifungal agent. <i>Food Chemistry</i> , <b>2016</b> , 196, 381-7	8.5	48
11	Effects of post-harvest stigmasterol treatment on quality-related parameters and antioxidant enzymes of green asparagus ( <i>Asparagus officinalis</i> L.). <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , <b>2016</b> , 33, 1785-1792	3.2	5
10	Effect of Chitosan as an Antifungal and Preservative Agent on Postharvest Blueberry. <i>Journal of Food Quality</i> , <b>2016</b> , 39, 516-523	2.7	20
9	Silver/chitosan-based Janus particles: Synthesis, characterization, and assessment of antimicrobial activity in vivo and vitro. <i>Food Research International</i> , <b>2015</b> , 78, 433-441	7	21
8	Effect of chitosan and its derivatives as antifungal and preservative agents on postharvest green asparagus. <i>Food Chemistry</i> , <b>2014</b> , 155, 105-11	8.5	81

7	Evaluation antibacterial activity of quaternary-based chitin/chitosan derivatives in vitro. <i>Journal of Food Science</i> , <b>2013</b> , 78, M90-7	3.4	28
6	Effect of chitosan coatings on postharvest green asparagus quality. <i>Carbohydrate Polymers</i> , <b>2013</b> , 92, 2027-32	10.3	29
5	Codon optimisation improves the expression of <i>Trichoderma viride</i> sp. endochitinase in <i>Pichia pastoris</i> . <i>Scientific Reports</i> , <b>2013</b> , 3, 3043	4.9	23
4	Biochemical characterization of a proteoglycan complex from an edible mushroom <i>Ganoderma lucidum</i> fruiting bodies and its immunoregulatory activity. <i>Food Research International</i> , <b>2011</b> , 44, 367-377	7	20
3	Analysis of the isothiocyanates present in three Chinese Brassica vegetable seeds and their potential anticancer bioactivities. <i>European Food Research and Technology</i> , <b>2010</b> , 231, 951-958	3.4	10
2	Endogenous and exogenous enzymolysis of vegetable-sourced glucosinolates and influencing factors. <i>Food Chemistry</i> , <b>2010</b> , 119, 987-994	8.5	32
1	Fluorescent Detection of Organophosphorus Pesticides Using Carbon Dots Derived from Broccoli. <i>Arabian Journal for Science and Engineering</i> , 1	2.5	2