

Xiangyang Wang

List of Publications by Citations

Source: <https://exaly.com/author-pdf/9059688/xiangyang-wang-publications-by-citations.pdf>

Version: 2024-04-23

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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	Synthesis, characterization, and antimicrobial activities of sulfonated chitosan. <i>Carbohydrate Polymers</i> , 2017 , 155, 321-328	10.3	84
23	Effect of chitosan and its derivatives as antifungal and preservative agents on postharvest green asparagus. <i>Food Chemistry</i> , 2014 , 155, 105-11	8.5	81
22	Pyridine-grafted chitosan derivative as an antifungal agent. <i>Food Chemistry</i> , 2016 , 196, 381-7	8.5	48
21	Insight into the interaction between chitosan and bovine serum albumin. <i>Carbohydrate Polymers</i> , 2017 , 176, 75-82	10.3	40
20	Preparation of highly crystalline nitrogen-doped carbon dots and their application in sequential fluorescent detection of Fe and ascorbic acid. <i>Food Chemistry</i> , 2020 , 326, 126935	8.5	36
19	Endogenous and exogenous enzymolysis of vegetable-sourced glucosinolates and influencing factors. <i>Food Chemistry</i> , 2010 , 119, 987-994	8.5	32
18	Effect of chitosan coatings on postharvest green asparagus quality. <i>Carbohydrate Polymers</i> , 2013 , 92, 2027-32	10.3	29
17	Evaluation antibacterial activity of quaternary-based chitin/chitosan derivatives in vitro. <i>Journal of Food Science</i> , 2013 , 78, M90-7	3.4	28
16	Codon optimisation improves the expression of <i>Trichoderma viride</i> sp. endochitinase in <i>Pichia pastoris</i> . <i>Scientific Reports</i> , 2013 , 3, 3043	4.9	23
15	Silver/chitosan-based Janus particles: Synthesis, characterization, and assessment of antimicrobial activity in vivo and vitro. <i>Food Research International</i> , 2015 , 78, 433-441	7	21
14	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> , 2011 , 44, 367-372	7	20
13	Effect of Chitosan as an Antifungal and Preservative Agent on Postharvest Blueberry. <i>Journal of Food Quality</i> , 2016 , 39, 516-523	2.7	20
12	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> , 2017 , 225, 788-794	4.1	14
11	Analysis of the isothiocyanates present in three Chinese Brassica vegetable seeds and their potential anticancer bioactivities. <i>European Food Research and Technology</i> , 2010 , 231, 951-958	3.4	10
10	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> , 2018 , 231, 36-42	4.1	8
9	Effects of exogenous cholesterol treatment on quality characteristics of pak choy (<i>Brassica chinensis</i> L.) during storage. <i>Postharvest Biology and Technology</i> , 2019 , 156, 110926	6.2	6
8	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> , 2021 , 144, 116435	14.6	6

7	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> , 2016 , 33, 1785-1792	3.2	5
6	Comparison of enhanced male mice sexual function among three medicinal materials. <i>Andrologia</i> , 2018 , 50, e13087	2.4	4
5	Development and validation of a bullfrog-immunoaffinity column clean-up for citrinin determination in red yeast rice. <i>Process Biochemistry</i> , 2019 , 78, 200-206	4.8	3
4	Migration of bisphenol A from polyvinyl chloride plastics to solvents of different polarities and packaged food in China. <i>Packaging Technology and Science</i> , 2021 , 34, 127-137	2.3	2
3	Fluorescent Detection of Organophosphorus Pesticides Using Carbon Dots Derived from Broccoli. <i>Arabian Journal for Science and Engineering</i> ,1	2.5	2
2	Characterization and inhibition of four fungi producing citrinin in various culture media. <i>Biotechnology Letters</i> , 2021 , 43, 701-710	3	1
1	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> , 2019 , 51, e13191	2.4	0