

Dongfeng Wang

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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.

69

papers

1,103

citations

21

h-index

29

g-index

71

ext. papers

1,390

ext. citations

5

avg, IF

4.75

L-index

#	Paper	IF	Citations
69	Adsorption of heavy metal ions, dyes and proteins by chitosan composites and derivatives [A review]. <i>Journal of Ocean University of China</i> , 2013 , 12, 500-508	1	72
68	Fabrication and characterization of zein nanoparticles by dextran sulfate coating as vehicles for delivery of curcumin. <i>International Journal of Biological Macromolecules</i> , 2020 , 151, 1074-1083	7.9	45
67	Fabrication and Characterization of Lutein-Loaded Nanoparticles Based on Zein and Sophorolipid: Enhancement of Water Solubility, Stability, and Bioaccessibility. <i>Journal of Agricultural and Food Chemistry</i> , 2019 , 67, 11977-11985	5.7	44
66	Biosorption of lead from aqueous solutions by ion-imprinted tetraethylenepentamine modified chitosan beads. <i>International Journal of Biological Macromolecules</i> , 2016 , 86, 562-9	7.9	43
65	Design of Astaxanthin-Loaded Core-Shell Nanoparticles Consisting of Chitosan Oligosaccharides and Poly(lactic- co-glycolic acid): Enhancement of Water Solubility, Stability, and Bioavailability. <i>Journal of Agricultural and Food Chemistry</i> , 2019 , 67, 5113-5121	5.7	42
64	Adsorption properties of Cd(II)-imprinted chitosan resin. <i>Journal of Materials Science</i> , 2011 , 46, 1535-1541	4.3	42
63	Fabrication of stable zein nanoparticles by chondroitin sulfate deposition based on antisolvent precipitation method. <i>International Journal of Biological Macromolecules</i> , 2019 , 139, 30-39	7.9	41
62	Bioaccumulation of cadmium by growing <i>Zygosaccharomyces rouxii</i> and <i>Saccharomyces cerevisiae</i> . <i>Bioresource Technology</i> , 2014 , 155, 116-21	11	39
61	Optimization of the Antibacterial Activity of Half-Fin Anchovy (<i>Setipinna taty</i>) Hydrolysates. <i>Food and Bioprocess Technology</i> , 2012 , 5, 1979-1989	5.1	36
60	Modulation of Gut Microbiota by Fucoxanthin During Alleviation of Obesity in High-Fat Diet-Fed Mice. <i>Journal of Agricultural and Food Chemistry</i> , 2020 , 68, 5118-5128	5.7	36
59	Formation, characterization, and application of chitosan/pectin-stabilized multilayer emulsions as astaxanthin delivery systems. <i>International Journal of Biological Macromolecules</i> , 2019 , 140, 985-997	7.9	34
58	Preparation, characterization, bioavailability in vitro and in vivo of tea polysaccharides-iron complex. <i>European Food Research and Technology</i> , 2013 , 236, 341-350	3.4	34
57	Fabrication and Characterization of β -Lactoglobulin-Based Nanocomplexes Composed of Chitosan Oligosaccharides as Vehicles for Delivery of Astaxanthin. <i>Journal of Agricultural and Food Chemistry</i> , 2018 , 66, 6717-6726	5.7	33
56	Comparison of La and mixed rare earths-loaded magnetic chitosan beads for fluoride adsorption. <i>International Journal of Biological Macromolecules</i> , 2018 , 111, 255-263	7.9	27
55	Adsorptive removal of patulin from aqueous solution using thiourea modified chitosan resin. <i>International Journal of Biological Macromolecules</i> , 2015 , 80, 520-8	7.9	26
54	Selective, highly efficient extraction of Cr(III), Pb(II) and Fe(III) from complex water environment with a tea residue derived porous gel adsorbent. <i>Bioresource Technology</i> , 2020 , 311, 123520	11	26
53	The stability and bioaccessibility of fucoxanthin in spray-dried microcapsules based on various biopolymers.. <i>RSC Advances</i> , 2018 , 8, 35139-35149	3.7	25

52	Adsorption behavior of As(III) onto chitosan resin with As(III) as template ions. <i>Journal of Applied Polymer Science</i> , 2012 , 125, 246-253	2.9	24
51	La(III)-loaded bentonite/chitosan beads for defluoridation from aqueous solution. <i>Journal of Rare Earths</i> , 2014 , 32, 458-466	3.7	22
50	Self-assembled composite nanoparticles based on zein as delivery vehicles of curcumin: role of chondroitin sulfate. <i>Food and Function</i> , 2020 , 11, 5377-5388	6.1	21
49	Effects of dietary chitosan oligosaccharide complex with rare earth on growth performance and innate immune response of turbot, <i>Scophthalmus maximus</i> L.. <i>Aquaculture Research</i> , 2013 , 44, 683-690	1.9	21
48	Construction of Fucoxanthin Vector Based on Binding of Whey Protein Isolate and Its Subsequent Complex Coacervation with Lysozyme. <i>Journal of Agricultural and Food Chemistry</i> , 2019 , 67, 2980-2990	5.7	20
47	Effects of metal ions in tea polysaccharides on their in vitro antioxidant activity and hypoglycemic activity. <i>International Journal of Biological Macromolecules</i> , 2018 , 113, 418-426	7.9	19
46	Removal of arsenic from <i>Laminaria japonica</i> Aresch juice using As(III)-imprinted chitosan resin. <i>European Food Research and Technology</i> , 2011 , 232, 911-917	3.4	19
45	Efficient removal of zinc by multi-stress-tolerant yeast <i>Pichia kudriavzevii</i> A16. <i>Bioresource Technology</i> , 2016 , 206, 43-49	11	18
44	Effects of spraying rare earths on contents of rare Earth elements and effective components in tea. <i>Journal of Agricultural and Food Chemistry</i> , 2003 , 51, 6731-5	5.7	18
43	Chemical cleavage of fucoxanthin from <i>Undaria pinnatifida</i> and formation of apo-fucoxanthinones and apo-fucoxanthinals identified using LC-DAD-APCI-MS/MS. <i>Food Chemistry</i> , 2016 , 211, 365-73	8.5	18
42	A rapid quantitative method for polysaccharides in green tea and oolong tea. <i>European Food Research and Technology</i> , 2008 , 226, 691-696	3.4	17
41	Isolation and characterization of antitumor polysaccharides from the marine mollusk <i>Ruditapes philippinarum</i> . <i>European Food Research and Technology</i> , 2008 , 227, 103-110	3.4	17
40	Development of pH-driven zein/tea saponin composite nanoparticles for encapsulation and oral delivery of curcumin. <i>Food Chemistry</i> , 2021 , 364, 130401	8.5	17
39	Isolation and characterization of fucoidans from five brown algae and evaluation of their antioxidant activity. <i>Journal of Ocean University of China</i> , 2014 , 13, 851-856	1	16
38	Different effects of sodium chloride preincubation on cadmium tolerance of <i>Pichia kudriavzevii</i> and <i>Saccharomyces cerevisiae</i> . <i>Journal of Basic Microbiology</i> , 2015 , 55, 1002-12	2.7	16
37	Effects of intrinsic metal ions of lentinan with different molecular weights from <i>Lentinus edodes</i> on the antioxidant capacity and activity against proliferation of cancer cells. <i>International Journal of Biological Macromolecules</i> , 2018 , 120, 73-81	7.9	15
36	Rapid Detection of <i>Enterobacter Sakazakii</i> in milk Powder using amino modified chitosan immunomagnetic beads. <i>International Journal of Biological Macromolecules</i> , 2016 , 93, 615-622	7.9	11
35	A preliminary study about the influence of high hydrostatic pressure processing on the physicochemical and sensorial properties of a cloudy wheat beer. <i>Journal of the Institute of Brewing</i> , 2016 , 122, 462-467	2	10

34	One-step self-assembly of curcumin-loaded zein/sophorolipid nanoparticles: physicochemical stability, redispersibility, solubility and bioaccessibility. <i>Food and Function</i> , 2021 , 12, 5719-5730	6.1	10
33	Reduction of salt content of fish sauce by ethanol treatment. <i>Journal of Food Science and Technology</i> , 2017 , 54, 2956-2964	3.3	9
32	Degradation of four organophosphorous pesticides catalyzed by chitosan-metal coordination complexes. <i>Environmental Science and Pollution Research</i> , 2015 , 22, 15104-12	5.1	8
31	Synthesis, crystal structure and hydrolysis activity of a novel heterobinuclear cobalt(II)-sodium(II)-Schiff base complex. <i>Journal of Inorganic Biochemistry</i> , 2017 , 171, 37-44	4.2	7
30	Biosorption of cadmium(II) from aqueous solution by chitosan encapsulated <i>Zygosaccharomyces rouxii</i> . <i>Environmental Progress and Sustainable Energy</i> , 2013 , 32, 1101-1110	2.5	7
29	Chitosan oligosaccharide-Ca complex accelerates the depuration of cadmium from <i>Chlamys ferrari</i> . <i>Journal of Ocean University of China</i> , 2012 , 11, 219-226	1	7
28	Synthesis and properties of an insoluble chitosan resin modified by azamacrocyclic copper(II) complex for protein hydrolysis. <i>Journal of Applied Polymer Science</i> , 2013 , 128, 3280-3288	2.9	7
27	Effect of rare earth elements on peroxidase activity in tea shoots. <i>Journal of the Science of Food and Agriculture</i> , 2003 , 83, 1109-1113	4.3	7
26	Dietary Recombinant Phycoerythrin Modulates the Gut Microbiota of H22 Tumor-Bearing Mice. <i>Marine Drugs</i> , 2019 , 17,	6	7
25	Effect of dietary chitosan oligosaccharide complex with Ce (IV) on growth, immunity and disease resistance against <i>Vibrio splendidus</i> of sea cucumber, <i>Apostichopus japonicus</i> . <i>Aquaculture Research</i> , 2017 , 48, 1158-1167	1.9	6
24	Development of a propidium monoazide-polymerase chain reaction assay for detection of viable <i>Lactobacillus brevis</i> in beer. <i>Brazilian Journal of Microbiology</i> , 2017 , 48, 740-746	2.2	6
23	Effect of purity of tea polysaccharides on its antioxidant and hypoglycemic activities. <i>Journal of Food Biochemistry</i> , 2020 , 44, e13277	3.3	6
22	Synthesis of a chitosan-based functional biopolymer with both catalytic and binding groups for protein and DNA hydrolysis. <i>RSC Advances</i> , 2015 , 5, 19541-19551	3.7	5
21	Novel Multifunctional and Edible Film Based on Phenylactic Acid Grafted Chitosan Derivative and Nano Zinc Oxide. <i>Food Biophysics</i> , 2018 , 13, 102-111	3.2	5
20	Chitosan removes toxic heavy metal ions from cigarette mainstream smoke. <i>Journal of Ocean University of China</i> , 2013 , 12, 509-514	1	5
19	Novel Antimicrobial and Antioxidant Chitosan Derivatives Prepared by Green Grafting with Phenylactic Acid. <i>Food Biophysics</i> , 2017 , 12, 470-478	3.2	5
18	Study on the preparation and adsorption thermodynamics of chitosan microsphere resins. <i>Frontiers of Chemistry in China: Selected Publications From Chinese Universities</i> , 2009 , 4, 160-167		4
17	Preparation and characterization of magnetic resin made from chitosan and cerium. <i>Journal of Ocean University of China</i> , 2010 , 9, 185-192	1	4

16	Biosorption of citric acid-cadmium complex by imprinted chitosan polymer. <i>Desalination and Water Treatment</i> , 2013 , 51, 3754-3761		3
15	Oxidized Oligosaccharides Stabilize Rehydrated Sea Cucumbers against High-Temperature Impact. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	3
14	Comparison study on copper bioaccumulation by growing <i>Pichia kudriavzevii</i> and <i>Saccharomyces cerevisiae</i> . <i>Environmental Progress and Sustainable Energy</i> , 2016 , 35, 1353-1360	2.5	3
13	Construction of biopolymer-based nanoencapsulation of functional food ingredients using the pH-driven method: a review.. <i>Critical Reviews in Food Science and Nutrition</i> , 2021 , 1-15	11.5	3
12	Development of a Rapid Method for the Evaluation of DPPH Radical Scavenging Activity of Ginger (<i>Zingiber officinale</i>) Foods Based on Cyclic Voltammetry. <i>Food Analytical Methods</i> , 2017 , 10, 1419-1429	3.4	2
11	Enzyme-like activities of algal polysaccharide - cerium complexes. <i>Journal of Ocean University of China</i> , 2005 , 4, 29-33	1	2
10	Construction and Characterization of Phthalocyanine-Loaded Particles of Curdlan and Their Photosensitivity. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	2
9	Synthesis of a novel chitosan-based Ce(IV) complex with proteolytic activity in vitro toward edible biological proteins. <i>Carbohydrate Polymers</i> , 2016 , 140, 154-62	10.3	1
8	Improved cadmium resistance and removal capacity in <i>Pichia kudriavzevii</i> A16 by sucrose preincubation. <i>Journal of Basic Microbiology</i> , 2019 , 59, 867-878	2.7	1
7	Selection of <i>Zygosaccharomyces rouxii</i> strains resistant to cadmium with improved removal abilities through ultraviolet-diethyl sulfate cooperative mutagenesis. <i>Environmental Science and Pollution Research</i> , 2017 , 24, 18630-18639	5.1	1
6	HPLC Method for Determining the Formaldehyde Content of Beer. <i>Journal of the American Society of Brewing Chemists</i> , 2015 , 73, 124-129	1.9	1
5	pH-driven self-assembly of alcohol-free curcumin-loaded propylene glycol alginate nanoparticles.. <i>International Journal of Biological Macromolecules</i> , 2021 , 195, 302-308	7.9	1
4	Preparation and characterization of metal-tea polysaccharide complexes and their inhibition on α -glucosidase. <i>Journal of Food Biochemistry</i> , 2021 , 45, e13689	3.3	1
3	High-efficiency adsorption of various heavy metals by tea residue biochar loaded with nanoscale zero-valent iron. <i>Environmental Progress and Sustainable Energy</i> , 2021 , 40, e13706	2.5	0
2	A review of factors affecting the stability of zein-based nanoparticles loaded with bioactive compounds: from construction to application.. <i>Critical Reviews in Food Science and Nutrition</i> , 2022 , 1-17	11.5	0
1	Hydrolysis activities of the particle of agarose-Ce ⁴⁺ complex for compounds containing phosphodiester or peptide bonds. <i>Journal of Ocean University of China</i> , 2005 , 4, 272-275	1	