

# Bin Zhou

## List of Publications by Citations

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**Version:** 2024-04-23

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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.

72  
papers

844  
citations

14  
h-index

27  
g-index

80  
ext. papers

1,154  
ext. citations

5.1  
avg, IF

4.31  
L-index

#	Paper	IF	Citations
72	Fabrication of zein/quaternized chitosan nanoparticles for the encapsulation and protection of curcumin. <i>RSC Advances</i> , <b>2015</b> , 5, 13891-13900	3.7	118
71	High intensity ultrasound modified ovalbumin: Structure, interface and gelation properties. <i>Ultrasonics Sonochemistry</i> , <b>2016</b> , 31, 302-9	8.9	116
70	Antibacterial multilayer films fabricated by layer-by-layer immobilizing lysozyme and gold nanoparticles on nanofibers. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2014</b> , 116, 432-8	6	87
69	Supramolecular design of coordination bonding architecture on zein nanoparticles for pH-responsive anticancer drug delivery. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2015</b> , 136, 1224-33	6	44
68	Chitosan/phosvitin antibacterial films fabricated via layer-by-layer deposition. <i>International Journal of Biological Macromolecules</i> , <b>2014</b> , 64, 402-8	7.9	35
67	Spatiotemporal distribution and risk assessment of organotins in the surface water of the Three Gorges Reservoir Region, China. <i>Chemosphere</i> , <b>2017</b> , 171, 405-414	8.4	33
66	Short-term effects of thinning on soil respiration in a pine ( <i>Pinus tabulaeformis</i> ) plantation. <i>Biology and Fertility of Soils</i> , <b>2014</b> , 50, 357-367	6.1	33
65	Release properties of tannic acid from hydrogen bond driven antioxidative cellulose nanofibrous films. <i>International Journal of Biological Macromolecules</i> , <b>2016</b> , 91, 68-74	7.9	32
64	CircHIPK3 is decreased in preeclampsia and affects migration, invasion, proliferation, and tube formation of human trophoblast cells. <i>Placenta</i> , <b>2019</b> , 85, 1-8	3.4	23
63	Antioxidant Pickering emulsions stabilised by zein/tannic acid colloidal particles with low concentration. <i>International Journal of Food Science and Technology</i> , <b>2020</b> , 55, 1924-1934	3.8	22
62	Unraveling the inhibitory effect of dihydromyricetin on heterocyclic aromatic amines formation. <i>Journal of the Science of Food and Agriculture</i> , <b>2018</b> , 98, 1988-1994	4.3	21
61	Facile preparation of clay reinforced konjac glucomannan aerogels. <i>RSC Advances</i> , <b>2014</b> , 4, 22251	3.7	20
60	Supramolecular design and applications of polyphenol-based architecture: A review. <i>Advances in Colloid and Interface Science</i> , <b>2019</b> , 272, 102019	14.3	17
59	Folate-functionalized assembly of low density lipoprotein/sodium carboxymethyl cellulose nanoparticles for targeted delivery. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2017</b> , 156, 19-28	6	15
58	Phosphoprotein/chitosan electrospun nanofibrous scaffold for biomineralization. <i>International Journal of Biological Macromolecules</i> , <b>2017</b> , 102, 218-224	7.9	13
57	Engineering Multifunctional Coatings on Nanoparticles Based on Oxidative Coupling Assembly of Polyphenols for Stimuli-Responsive Drug Delivery. <i>Journal of Agricultural and Food Chemistry</i> , <b>2018</b> , 66, 6897-6905	5.7	13
56	Tailoring stimuli-responsive delivery system driven by metal-ligand coordination bonding. <i>International Journal of Nanomedicine</i> , <b>2017</b> , 12, 3315-3330	7.3	11

55	Lam and its Therapeutic Effects in Immune Disorders. <i>Frontiers in Pharmacology</i> , <b>2020</b> , 11, 566783	5.6	10
54	Engineering functional alginate beads for encapsulation of Pickering emulsions stabilized by colloidal particles. <i>RSC Advances</i> , <b>2016</b> , 6, 101267-101276	3.7	10
53	Effect of alkaline electrolyzed water on physicochemical and structural properties of apricot protein isolate. <i>Food Science and Biotechnology</i> , <b>2019</b> , 28, 15-23	3	10
52	Carboxymethylpachyman entrapped plant-based hollow microcapsules for delivery and stabilization of $\beta$ -galactosidase. <i>Food and Function</i> , <b>2019</b> , 10, 4782-4791	6.1	10
51	Metal-Phenolic Network Covering on Zein Nanoparticles as a Regulator on the Oil/Water Interface. <i>Journal of Agricultural and Food Chemistry</i> , <b>2020</b> , 68, 8471-8482	5.7	10
50	STUDY ON RELEASE MECHANISM OF INHIBITORY COMPONENTS FROM CINNAMON AND CLOVE POWDERS. <i>Journal of Food Safety</i> , <b>2012</b> , 32, 189-197	2	9
49	Protective effect of Perilla ( <i>Perilla frutescens</i> ) leaf essential oil on the quality of a surimi-based food. <i>Journal of Food Processing and Preservation</i> , <b>2018</b> , 42, e13540	2.1	9
48	Carboxymethylpachyman-zein coated plant microcapsules-based $\beta$ -galactosidase encapsulation system for long-term effective delivery. <i>Food Research International</i> , <b>2020</b> , 128, 108867	7	8
47	Designable Carboxymethylpachyman/Metal Ion Architecture on Sunflower Sporopollenin Exine Capsules as Delivery Vehicles for Bioactive Macromolecules. <i>Journal of Agricultural and Food Chemistry</i> , <b>2020</b> , 68, 13990-14000	5.7	8
46	Knockdown of Heparanase Suppresses Invasion of Human Trophoblasts by Activating p38 MAPK Signaling Pathway. <i>Disease Markers</i> , <b>2018</b> , 2018, 7413027	3.2	7
45	Placental protein 14 as a potential biomarker for diagnosis of preterm premature rupture of membranes. <i>Molecular Medicine Reports</i> , <b>2018</b> , 18, 113-122	2.9	7
44	Correlation of IL-31 gene polymorphisms with susceptibility and clinical recurrence of bladder cancer. <i>Familial Cancer</i> , <b>2018</b> , 17, 577-585	3	7
43	Study on the Emulsifying Properties of Pomegranate Peel Pectin from Different Cultivation Areas. <i>Molecules</i> , <b>2019</b> , 24,	4.8	6
42	Improvement of quality and flavor of salted egg yolks by ultrasonic assisted cooking. <i>Ultrasonics Sonochemistry</i> , <b>2021</b> , 75, 105579	8.9	6
41	Coordination-driven multilayer of phosvitin-polyphenol functional nanofibrous membranes: antioxidant and biomineralization applications for tissue engineering. <i>RSC Advances</i> , <b>2016</b> , 6, 98935-98944	2.7	5
40	Phase separation in mixtures of ovalbumin and konjac glucomannan: physicochemical and microscopic investigations. <i>International Journal of Biological Macromolecules</i> , <b>2014</b> , 70, 167-73	7.9	5
39	Chitosan coordination driven self-assembly for effective delivery of curcumin. <i>International Journal of Biological Macromolecules</i> , <b>2020</b> , 165, 2267-2274	7.9	5
38	Effect of block length on the self-assembly of end-capping perfluoroalkyl moieties on the polymer surface. <i>Science in China Series B: Chemistry</i> , <b>2009</b> , 52, 2295-2306		4

37	Development of zein/soluble soybean polysaccharide nanoparticle-stabilized Pickering emulsions. <i>Journal of Food Science</i> , <b>2021</b> , 86, 1907-1916	3.4	4
36	Tuning of Molecular Interactions between Zein and Tannic Acid to Modify Sunflower Sporopollenin Exine Capsules: Enhanced Stability and Targeted Delivery of Bioactive Macromolecules.. <i>ACS Applied Bio Materials</i> , <b>2021</b> , 4, 2686-2695	4.1	4
35	Heat- and cold-induced gels of desalted duck egg white/gelatin mixed system: Study on rheological and gel properties. <i>Food Hydrocolloids</i> , <b>2021</b> , 121, 107003	10.6	4
34	Association between Gene Polymorphisms and Bladder Cancer in Chinese Han Population. <i>Disease Markers</i> , <b>2019</b> , 2019, 3949343	3.2	3
33	Occurrence and health risk assessment of organotins in waterworks and the source water of the Three Gorges Reservoir Region, China. <i>Environmental Science and Pollution Research</i> , <b>2018</b> , 25, 15019-15028	5.1	3
32	Formation Dynamics of Excited Neutral Nitrogen Molecules inside Femtosecond Laser Filaments. <i>Physical Review Letters</i> , <b>2019</b> , 123, 243203	7.4	3
31	Carboxymethylpachymaran/alginate gel entrapping of natural pollen capsules for the encapsulation, protection and delivery of probiotics with enhanced viability. <i>Food Hydrocolloids</i> , <b>2021</b> , 120, 106855	10.6	3
30	Associations between Gene Polymorphisms and Epithelial Ovarian Cancer in a Chinese Population. <i>Disease Markers</i> , <b>2019</b> , 2019, 8012979	3.2	2
29	Association between gene polymorphisms and epithelial ovarian cancer in Chinese population. <i>Biomarkers in Medicine</i> , <b>2019</b> , 13, 445-455	2.3	2
28	PASE: A Prototype for Ad-hoc Process-Aware Information System Declaratively Constructing Environment <b>2008</b> ,		2
27	Association between interleukin-32 polymorphisms and ovarian cancer in the Chinese Han population. <i>International Journal of Clinical and Experimental Pathology</i> , <b>2020</b> , 13, 1733-1738	1.4	2
26	Desalted duck egg white nanogels combined with Carrageenan as stabilisers for food-grade Pickering emulsion. <i>International Journal of Food Science and Technology</i> ,	3.8	2
25	Desalination of salted duck egg white assisted by gelatin: Foaming and interface properties of the mixed system. <i>Food Hydrocolloids</i> , <b>2022</b> , 124, 107260	10.6	2
24	Abundance and morphology of charcoal in sediments provide no evidence of massive slash-and-burn agriculture during the Neolithic Kuahuqiao culture, China. <i>PLoS ONE</i> , <b>2020</b> , 15, e0237592 <sup>3-7</sup>	3.7	2
23	Male cancer patient sperm cryopreservation for fertility preservation: 10-year monocentric experience. <i>Basic and Clinical Andrology</i> , <b>2021</b> , 31, 24	2.8	2
22	Associations between gene polymorphisms and dilated cardiomyopathy in a Chinese population. <i>Biomarkers in Medicine</i> , <b>2020</b> , 14, 441-450	2.3	1
21	CFTR deficiency causes cardiac dysplasia during zebrafish embryogenesis and is associated with dilated cardiomyopathy. <i>Mechanisms of Development</i> , <b>2020</b> , 163, 103627	1.7	1
20	Verifying the Consistency between Business Process Model and Data Model <b>2009</b> ,		1

19	Transcription factor FOXP3 gene variants affect epithelial ovarian carcinoma in the Han Chinese population. <i>International Journal of Clinical and Experimental Pathology</i> , <b>2018</b> , 11, 1684-1693	1.4	1
18	Reinforced pickering emulsions stabilized by desalted duck egg white nanogels with Ca <sup>2+</sup> as binding agents. <i>Food Hydrocolloids</i> , <b>2021</b> , 121, 106974	10.6	1
17	Ultrasound-based one-step fabrication of nobiletin particle: A facile stabilization strategy. <i>Food Chemistry</i> , <b>2022</b> , 369, 130896	8.5	1
16	Association Between Gene Polymorphisms and Dilated Cardiomyopathy in a Chinese Han Population. <i>DNA and Cell Biology</i> , <b>2019</b> , 38, 436-442	3.6	0
15	Effect of ultrasonic pretreatment on the emulsification properties of <i>Clanis Bilineata</i> Tingtauca Mell protein. <i>Ultrasonics Sonochemistry</i> , <b>2021</b> , 80, 105823	8.9	0
14	A cryoprotectant supplemented with pentoxifylline can improve the effect of freezing on the motility of human testicular sperm. <i>Zygote</i> , <b>2021</b> , 1-6	1.6	0
13	CFTR regulates embryonic T lymphopoiesis via Wnt signaling in zebrafish. <i>Immunology Letters</i> , <b>2021</b> , 234, 47-53	4.1	0
12	Association between gene polymorphisms and dilated cardiomyopathy in a Chinese Han population. <i>Cardiovascular Diagnosis and Therapy</i> , <b>2021</b> , 11, 1036-1046	2.6	0
11	Pickering Emulsion Stabilized by Metal-Phenolic Architectures: A Straightforward In Situ Assembly Strategy. <i>Journal of Agricultural and Food Chemistry</i> , <b>2021</b> , 69, 11709-11719	5.7	0
10	Association of left ventricular systolic dysfunction with coronary artery dilation in Kawasaki disease patients: Assessment with cardiovascular magnetic resonance. <i>European Journal of Radiology</i> , <b>2021</b> , 145, 110039	4.7	0
9	Coordination-driven Metal-polyphenolic Nanoparticles toward Effective Anticancer Therapy. <i>Advanced Healthcare Materials</i> , 2200559	10.1	0
8	Dacin, one metalloproteinase from <i>Deinagkistrodon acutus</i> venom inhibiting contraction of mouse ileum muscle. <i>BMC Biochemistry</i> , <b>2017</b> , 18, 11	4.8	
7	A novel deletion mutation in the BCOR gene is associated with oculo-facio-cardio-dental syndrome: a case report.. <i>BMC Pediatrics</i> , <b>2022</b> , 22, 82	2.6	
6	Association of oncostatin M receptor polymorphisms with clinical recurrence of ovarian cancer in the Chinese Han population.. <i>Biomarkers in Medicine</i> , <b>2022</b> , 16, 461-471	2.3	
5	The effect of gonadal and extragonadal malignant cancers on sperm quality.. <i>Translational Cancer Research</i> , <b>2021</b> , 10, 5183-5190	0.3	
4	Abundance and morphology of charcoal in sediments provide no evidence of massive slash-and-burn agriculture during the Neolithic Kuahuqiao culture, China <b>2020</b> , 15, e0237592		
3	Abundance and morphology of charcoal in sediments provide no evidence of massive slash-and-burn agriculture during the Neolithic Kuahuqiao culture, China <b>2020</b> , 15, e0237592		
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- 1 Abundance and morphology of charcoal in sediments provide no evidence of massive slash-and-burn agriculture during the Neolithic Kuahuqiao culture, China **2020**, 15, e0237592