

# Xiang-Zhao Mao

## List of Publications by Citations

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126  
papers

1,749  
citations

23  
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134  
ext. papers

2,538  
ext. citations

5.9  
avg, IF

5.59  
L-index

#	Paper	IF	Citations
126	Comprehensive utilization of shrimp waste based on biotechnological methods: A review. <i>Journal of Cleaner Production</i> , <b>2017</b> , 143, 814-823	10.3	124
125	Chitosan: Structural modification, biological activity and application. <i>International Journal of Biological Macromolecules</i> , <b>2020</b> , 164, 4532-4546	7.9	82
124	A Macroporous Hydrogel Dressing with Enhanced Antibacterial and Anti-Inflammatory Capabilities for Accelerated Wound Healing. <i>Advanced Functional Materials</i> , <b>2020</b> , 30, 2000644	15.6	80
123	Green and Facile Production of Chitin from Crustacean Shells Using a Natural Deep Eutectic Solvent. <i>Journal of Agricultural and Food Chemistry</i> , <b>2018</b> , 66, 11897-11901	5.7	59
122	Effective Enzyme Immobilization onto a Magnetic Chitin Nanofiber Composite. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2018</b> , 6, 8118-8124	8.3	56
121	Neogaro-oligosaccharide monomers inhibit inflammation in LPS-stimulated macrophages through suppression of MAPK and NF- $\kappa$ B pathways. <i>Scientific Reports</i> , <b>2017</b> , 7, 44252	4.9	54
120	Two-Step Separation of Chitin from Shrimp Shells Using Citric Acid and Deep Eutectic Solvents with the Assistance of Microwave. <i>Polymers</i> , <b>2019</b> , 11,	4.5	49
119	Neogaro-tetraose protects mice against intense exercise-induced fatigue damage by modulating gut microbial composition and function. <i>Molecular Nutrition and Food Research</i> , <b>2017</b> , 61, 1600585	5.9	46
118	Cofefermentation of <i>Bacillus licheniformis</i> and <i>Gluconobacter oxydans</i> for chitin extraction from shrimp waste. <i>Biochemical Engineering Journal</i> , <b>2014</b> , 91, 10-15	4.2	42
117	Antioxidant production and chitin recovery from shrimp head fermentation with <i>Streptococcus thermophilus</i> . <i>Food Science and Biotechnology</i> , <b>2013</b> , 22, 1023-1032	3	40
116	Cloning, expression and characterization of a novel chitosanase from <i>Streptomyces albolongus</i> ATCC 27414. <i>Food Chemistry</i> , <b>2019</b> , 286, 696-702	8.5	36
115	Characteristics and applications of alginate lyases: A review. <i>International Journal of Biological Macromolecules</i> , <b>2020</b> , 164, 1304-1320	7.9	35
114	Biotechnological production of zeaxanthin by microorganisms. <i>Trends in Food Science and Technology</i> , <b>2018</b> , 71, 225-234	15.3	34
113	Cloning, characterization and substrate degradation mode of a novel chitinase from <i>Streptomyces albolongus</i> ATCC 27414. <i>Food Chemistry</i> , <b>2018</b> , 261, 329-336	8.5	31
112	Cloning and characterisation of a novel neogaro-tetraose-forming- $\beta$ -agarase, AgWH50A from <i>Agarivorans gilvus</i> WH0801. <i>Carbohydrate Research</i> , <b>2014</b> , 388, 147-51	2.9	31
111	Conversion of turbot skin wastes into valuable functional substances with an eco-friendly fermentation technology. <i>Journal of Cleaner Production</i> , <b>2017</b> , 156, 367-377	10.3	28
110	Effective Astaxanthin Extraction from Wet <i>Haematococcus pluvialis</i> Using Switchable Hydrophilicity Solvents. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2018</b> , 6, 1560-1563	8.3	27

109	Antioxidant properties of bio-active substances from shrimp head fermented by <i>Bacillus licheniformis</i> OPL-007. <i>Applied Biochemistry and Biotechnology</i> , <b>2013</b> , 171, 1240-52	3.2	27
108	Gene cloning, expression and characterisation of a new $\beta$ agarase, AgWH50C, producing neoagarobiose from <i>Agarivorans gilvus</i> WH0801. <i>World Journal of Microbiology and Biotechnology</i> , <b>2014</b> , 30, 1691-8	4.4	27
107	Mechanisms of DHA-enriched phospholipids in improving cognitive deficits in aged SAMP8 mice with high-fat diet. <i>Journal of Nutritional Biochemistry</i> , <b>2018</b> , 59, 64-75	6.3	27
106	Metabolic engineering for the microbial production of marine bioactive compounds. <i>Biotechnology Advances</i> , <b>2017</b> , 35, 1004-1021	17.8	26
105	Efficient enzymatic hydrolysis of ionic liquid pretreated chitin and its dissolution mechanism. <i>Carbohydrate Polymers</i> , <b>2019</b> , 211, 329-335	10.3	24
104	Astaxanthin protects PC12 cells from glutamate-induced neurotoxicity through multiple signaling pathways. <i>Journal of Functional Foods</i> , <b>2015</b> , 16, 137-151	5.1	24
103	Whole-Cell Biocatalytic Synthesis of Cinnamyl Acetate with a Novel Esterase from the DNA Library of <i>Acinetobacter hemolyticus</i> . <i>Journal of Agricultural and Food Chemistry</i> , <b>2017</b> , 65, 2120-2128	5.7	22
102	Identification of a novel phospholipase D with high transphosphatidylase activity and its application in synthesis of phosphatidylserine and DHA-phosphatidylserine. <i>Journal of Biotechnology</i> , <b>2017</b> , 249, 51-58	3.7	21
101	Effect of fermentation by <i>Aspergillus oryzae</i> on the biochemical and sensory properties of anchovy ( <i>Engraulis japonicus</i> ) fish sauce. <i>International Journal of Food Science and Technology</i> , <b>2016</b> , 51, 133-141	3.8	21
100	Biochemical Characterization and Substrate Degradation Mode of a Novel Exotype $\beta$ Agarase from <i>Agarivorans gilvus</i> WH0801. <i>Journal of Agricultural and Food Chemistry</i> , <b>2017</b> , 65, 7982-7988	5.7	21
99	Discovery and Characterization of a Novel Chitosanase from <i>Paenibacillus dendritiformis</i> by Phylogeny-Based Enzymatic Product Specificity Prediction. <i>Journal of Agricultural and Food Chemistry</i> , <b>2018</b> , 66, 4645-4651	5.7	20
98	Purification and characterization of two agarases from <i>Agarivorans albus</i> OAY02. <i>Process Biochemistry</i> , <b>2014</b> , 49, 905-912	4.8	20
97	Marine-polysaccharide degrading enzymes: Status and prospects. <i>Comprehensive Reviews in Food Science and Food Safety</i> , <b>2020</b> , 19, 2767-2796	16.4	20
96	An environmental friendly process for Antarctic krill ( <i>Euphausia superba</i> ) utilization using fermentation technology. <i>Journal of Cleaner Production</i> , <b>2016</b> , 127, 618-623	10.3	20
95	Recovery of Chitin and Protein from Shrimp Head Waste by Endogenous Enzyme Autolysis and Fermentation. <i>Journal of Ocean University of China</i> , <b>2019</b> , 18, 719-726	1	19
94	The <i>Vibrio parahaemolyticus</i> -infecting bacteriophage qdvp001: genome sequence and endolysin with a modular structure. <i>Archives of Virology</i> , <b>2016</b> , 161, 2645-52	2.6	19
93	Radioprotective effects and mechanisms of animal, plant and microbial polysaccharides. <i>International Journal of Biological Macromolecules</i> , <b>2020</b> , 153, 373-384	7.9	18
92	Characterization of a novel glycoside hydrolase family 46 chitosanase, Csn-BAC, from <i>Bacillus</i> sp. MD-5. <i>International Journal of Biological Macromolecules</i> , <b>2020</b> , 146, 518-523	7.9	18

91	Molecular cloning and expression of a new Bheoagarobiose hydrolase from Agarivorans gilvus WH0801 and enzymatic production of 3,6-anhydro-l-galactose. <i>Biotechnology and Applied Biochemistry</i> , <b>2016</b> , 63, 230-7	2.8	18
90	Biotechnological production of lycopene by microorganisms. <i>Applied Microbiology and Biotechnology</i> , <b>2020</b> , 104, 10307-10324	5.7	17
89	Neoagarotetraose-modulated gut microbiota and alleviated gut inflammation in antibiotic treatment mice. <i>Food and Agricultural Immunology</i> , <b>2017</b> , 28, 1408-1423	2.9	16
88	Biochemical properties of fish sauce prepared using low salt, solid state fermentation with anchovy by-products. <i>Food Science and Biotechnology</i> , <b>2014</b> , 23, 1497-1506	3	15
87	Biotechnology advances in Bcarotene production by microorganisms. <i>Trends in Food Science and Technology</i> , <b>2021</b> , 111, 322-332	15.3	15
86	UV-shielding alginate films crosslinked with Fe containing EDTA. <i>Carbohydrate Polymers</i> , <b>2020</b> , 239, 115480	4.3	14
85	Identification of an alkaline lipase capable of better enrichment of EPA than DHA due to fatty acids selectivity and regioselectivity. <i>Food Chemistry</i> , <b>2020</b> , 330, 127225	8.5	12
84	Natural flavor ester synthesis catalyzed by lipases. <i>Flavour and Fragrance Journal</i> , <b>2020</b> , 35, 209-218	2.5	12
83	Porphyran and oligo-porphyran originating from red algae Porphyra: Preparation, biological activities, and potential applications. <i>Food Chemistry</i> , <b>2021</b> , 349, 129209	8.5	12
82	Characterization of a Novel BNeoagarobiose Hydrolase Capable of Preparation of Medium- and Long-Chain Agarooligosaccharides. <i>Frontiers in Bioengineering and Biotechnology</i> , <b>2019</b> , 7, 470	5.8	11
81	Formulation of vitamin C encapsulation in marine phospholipids nanoliposomes: Characterization and stability evaluation during long term storage. <i>LWT - Food Science and Technology</i> , <b>2020</b> , 127, 109439	5.4	11
80	Conformational changes of proteins and oil molecules in fish oil/water interfaces of fish oil-in-water emulsions stabilized by bovine serum albumin. <i>Food Chemistry</i> , <b>2019</b> , 274, 402-406	8.5	11
79	Comparative Investigation into Formycin A and Pyrazofurin A Biosynthesis Reveals Branch Pathways for the Construction of -Nucleoside Scaffolds. <i>Applied and Environmental Microbiology</i> , <b>2020</b> , 86,	4.8	11
78	Astaxanthin preparation by fermentation of esters from Haematococcus pluvialis algal extracts with Stenotrophomonas species. <i>Biotechnology Progress</i> , <b>2016</b> , 32, 649-56	2.8	11
77	Immobilization of Chitosanases onto Magnetic Nanoparticles to Enhance Enzyme Performance. <i>Catalysts</i> , <b>2018</b> , 8, 401	4	11
76	Phosphorylated peptides from Antarctic krill ( <i>Euphausia superba</i> ) ameliorated osteoporosis by activation of osteogenesis-related MAPKs and PI3K/AKT/GSK-3β pathways in dexamethasone-treated mice. <i>Journal of Functional Foods</i> , <b>2018</b> , 47, 447-456	5.1	10
75	Laminarin and Laminarin Oligosaccharides Originating from Brown Algae: Preparation, Biological Activities, and Potential Applications. <i>Journal of Ocean University of China</i> , <b>2021</b> , 20, 641-653	1	10
74	Immobilization of Phospholipase D on Silica-Coated Magnetic Nanoparticles for the Synthesis of Functional Phosphatidylserine. <i>Catalysts</i> , <b>2019</b> , 9, 361	4	9

73	Biochemical characterization and degradation pattern analysis of a novel PL-6 alginate lyase from <i>Streptomyces coelicolor</i> A3(2). <i>Food Chemistry</i> , <b>2020</b> , 323, 126852	8.5	9
72	Coimmobilization of $\beta$ Agarase and $\beta$ Neoagarobiose Hydrolase for Enhancing the Production of 3,6-Anhydro-l-galactose. <i>Journal of Agricultural and Food Chemistry</i> , <b>2018</b> , 66, 7087-7095	5.7	9
71	Screening of microorganisms from deep-sea mud for Antarctic krill ( <i>Euphausia superba</i> ) fermentation and evaluation of the bioactive compounds. <i>Applied Biochemistry and Biotechnology</i> , <b>2015</b> , 175, 1664-77	3.2	9
70	Agarose degradation for utilization: Enzymes, pathways, metabolic engineering methods and products. <i>Biotechnology Advances</i> , <b>2020</b> , 45, 107641	17.8	9
69	Biochemical Characterization and Substrate Degradation Mode of a Novel $\beta$ Agarase from. <i>Journal of Agricultural and Food Chemistry</i> , <b>2019</b> , 67, 10373-10379	5.7	8
68	Agaropentaose protects SH-SY5Y cells against 6-hydroxydopamine-induced neurotoxicity through modulating NF- $\kappa$ B and p38MAPK signaling pathways. <i>Journal of Functional Foods</i> , <b>2019</b> , 57, 222-232	5.1	8
67	Identification of a Novel Esterase from Marine Environmental Genomic DNA Libraries and Its Application in Production of Free All- trans-Astaxanthin. <i>Journal of Agricultural and Food Chemistry</i> , <b>2018</b> , 66, 2812-2821	5.7	8
66	A novel agaro-oligosaccharide-lytic $\beta$ galactosidase from <i>Agarivorans gilvus</i> WH0801. <i>Applied Microbiology and Biotechnology</i> , <b>2018</b> , 102, 5165-5172	5.7	8
65	Biotechnological Production of 2'Fucosyllactose: A Prevalent Fucosylated Human Milk Oligosaccharide. <i>ACS Synthetic Biology</i> , <b>2021</b> , 10, 447-458	5.7	8
64	Development of a terminal-fixed aptamer and a label-free colorimetric aptasensor for highly sensitive detection of saxitoxin. <i>Sensors and Actuators B: Chemical</i> , <b>2021</b> , 344, 130320	8.5	8
63	Development and application of a tyrosinase-based time-temperature indicator (TTI) for determining the quality of turbot sashimi. <i>Journal of Ocean University of China</i> , <b>2017</b> , 16, 847-854	1	7
62	Cloning, Expression, and Characterization of a Novel Thermostable and Alkaline-stable Esterase from <i>Stenotrophomonas maltophilia</i> OUC_Est10 Catalytically Active in Organic Solvents. <i>Catalysts</i> , <b>2019</b> , 9, 401	4	7
61	Application of secondary amine switchable hydrophilicity solvents for astaxanthin extraction from wet <i>Haematococcus pluvialis</i> . <i>Algal Research</i> , <b>2020</b> , 48, 101892	5	7
60	Complete genome sequence of <i>Agarivorans gilvus</i> WH0801(T), an agarase-producing bacterium isolated from seaweed. <i>Journal of Biotechnology</i> , <b>2016</b> , 219, 22-3	3.7	7
59	Research into the functional components and antioxidant activities of North China rice wine (Ji Mo Lao Jiu). <i>Food Science and Nutrition</i> , <b>2013</b> , 1, 307-14	3.2	7
58	A novel dextran dextrinase from <i>Gluconobacter oxydans</i> DSM-2003: purification and properties. <i>Applied Biochemistry and Biotechnology</i> , <b>2012</b> , 168, 1256-64	3.2	7
57	A label-free colorimetric aptasensor based on split aptamers-chitosan oligosaccharide-AuNPs nanocomposites for sensitive and selective detection of kanamycin. <i>Talanta</i> , <b>2022</b> , 238, 123032	6.2	7
56	Structure-based design of agarase AgWH50C from <i>Agarivorans gilvus</i> WH0801 to enhance thermostability. <i>Applied Microbiology and Biotechnology</i> , <b>2019</b> , 103, 1289-1298	5.7	7

55	Advances and perspectives of aptasensors for the detection of tetracyclines: A class of model compounds of food analysis. <i>Food Chemistry</i> , <b>2021</b> , 364, 130361	8.5	7
54	Purification and characterization of an alkaline protease from <i>Micrococcus</i> sp. isolated from the South China Sea. <i>Journal of Ocean University of China</i> , <b>2017</b> , 16, 319-325	1	6
53	Chitopentaose protects HaCaT cells against H <sub>2</sub> O <sub>2</sub> -induced oxidative damage through modulating MAPKs and Nrf2/ARE signaling pathways. <i>Journal of Functional Foods</i> , <b>2020</b> , 72, 104086	5.1	6
52	Combining Cell Surface Display and DNA-Shuffling Technology for Directed Evolution of Phospholipase D and Synthesis of Phosphatidylserine. <i>Journal of Agricultural and Food Chemistry</i> , <b>2019</b> , 67, 13119-13126	5.7	6
51	A novel autolysis system for extracellular production and direct immobilization of a phospholipase D fused with cellulose binding domain. <i>BMC Biotechnology</i> , <b>2019</b> , 19, 29	3.5	5
50	Reaction Specificity of Phospholipase D Prepared from <i>Acinetobacter radioresistens</i> a2 in Transphosphatidylation. <i>Lipids</i> , <b>2018</b> , 53, 517-526	1.6	5
49	Expression and characterization of a novel glycoside hydrolase family 46 chitosanase identified from marine mud metagenome. <i>International Journal of Biological Macromolecules</i> , <b>2020</b> , 159, 904-910	7.9	5
48	Dietary Supplementation with Exogenous Sea-Cucumber-Derived Ceramides and Glucosylceramides Alleviates Insulin Resistance in High-Fructose-Diet-Fed Rats by Upregulating the IRS/PI3K/Akt Signaling Pathway. <i>Journal of Agricultural and Food Chemistry</i> , <b>2021</b> , 69, 9178-9187	5.7	5
47	A novel thermostable serine protease from a metagenomic library derived from marine sediments in the East China Sea. <i>Applied Microbiology and Biotechnology</i> , <b>2020</b> , 104, 9229-9238	5.7	5
46	Characterization of Turbot ( <i>Scophthalmus maximus</i> ) Skin and the Extracted Acid-Soluble Collagen. <i>Journal of Ocean University of China</i> , <b>2019</b> , 18, 687-692	1	4
45	Mechanism of neoagarotetraose protects against intense exercise-induced liver injury based on molecular ecological network analysis. <i>Bioscience, Biotechnology and Biochemistry</i> , <b>2019</b> , 83, 1227-1238	2.1	4
44	New type of green extractant for oil production: Citric acid/citric acid sodium extraction system. <i>Food Chemistry</i> , <b>2020</b> , 310, 125815	8.5	4
43	The Fermentation of Antarctic Krill Juice by a Variety of Microorganisms. <i>Journal of Aquatic Food Product Technology</i> , <b>2015</b> , 24, 824-831	1.6	3
42	A rapid, easy, and sensitive method for detecting His-tag-containing chitinase based on ssDNA aptamers and gold nanoparticles. <i>Food Chemistry</i> , <b>2020</b> , 330, 127230	8.5	3
41	The First Genome Survey of the Antarctic Krill () Provides a Valuable Genetic Resource for Polar Biomedical Research. <i>Marine Drugs</i> , <b>2020</b> , 18,	6	3
40	Cleaner Production Guide of Chito/Chitin Oligosaccharides and Its Monomer <b>2019</b> , 107-127		3
39	Evaluation of a clean fermentation-organic acid method for processing shrimp waste from six major cultivated shrimp species in China. <i>Journal of Cleaner Production</i> , <b>2021</b> , 294, 126135	10.3	3
38	A competitive colorimetric aptasensor transduced by hybridization chain reaction-facilitated catalysis of AuNPs nanozyme for highly sensitive detection of saxitoxin. <i>Analytica Chimica Acta</i> , <b>2021</b> , 1173, 338710	6.6	3



37	Engineering a carbohydrate binding module to enhance chitinase catalytic efficiency on insoluble chitinous substrate. <i>Food Chemistry</i> , <b>2021</b> , 355, 129462	8.5	3
36	Discovery and characterization of a novel $\beta$ -fucosidase from the marine-derived <i>Flavobacterium algicola</i> and its application in 2Fucosyllactose production. <i>Food Chemistry</i> , <b>2022</b> , 369, 130942	8.5	3
35	Emerging roles of the aptasensors as superior bioaffinity sensors for monitoring shellfish toxins in marine food chain. <i>Journal of Hazardous Materials</i> , <b>2022</b> , 421, 126690	12.8	3
34	Biochemical characterization and cleavage pattern analysis of a novel chitosanase with cellulase activity.. <i>Applied Microbiology and Biotechnology</i> , <b>2022</b> , 106, 1979	5.7	3
33	A Novel Route for Agarooligosaccharide Production with the Neoagarooligosaccharide-Producing $\beta$ Agarase as Catalyst. <i>Catalysts</i> , <b>2020</b> , 10, 214	4	2
32	Molecular and Microbial Signatures Predictive of Prebiotic Action of Neoagarotetraose in a Dextran Sulfate Sodium-Induced Murine Colitis Model. <i>Microorganisms</i> , <b>2020</b> , 8,	4.9	2
31	Preparation of Sulforaphene from Radish Seed Extracts with Recombinant Food-Grade Harboring High Myrosinase Activity. <i>Journal of Agricultural and Food Chemistry</i> , <b>2021</b> , 69, 5363-5371	5.7	2
30	Advances in agaro-oligosaccharides preparation and bioactivities for revealing the structure-function relationship. <i>Food Research International</i> , <b>2021</b> , 145, 110408	7	2
29	Comparative evaluation of phosphatidylcholine and phosphatidylserine with different fatty acids on nephrotoxicity in vancomycin-induced mice. <i>Bioscience, Biotechnology and Biochemistry</i> , <b>2021</b> , 85, 1873-1884	2.1	2
28	Highly efficient preparation of free all-trans-astaxanthin from <i>Haematococcus pluvialis</i> extract by a rapid biocatalytic method based on crude extracellular enzyme extract. <i>International Journal of Food Science and Technology</i> , <b>2019</b> , 54, 376-386	3.8	2
27	Identification of a GDSL lipase from <i>Streptomyces bacillaris</i> and its application in the preparation of free astaxanthin. <i>Journal of Biotechnology</i> , <b>2021</b> , 325, 280-287	3.7	2
26	Properties and potential applications of mannuronan C5-epimerase: A biotechnological tool for modifying alginate. <i>International Journal of Biological Macromolecules</i> , <b>2021</b> , 168, 663-675	7.9	2
25	Lipid extraction from Greenland halibut ( <i>Reinhardtius hippoglossoides</i> ) by-product in low-voltage DC electric field and its mechanism. <i>Journal of Cleaner Production</i> , <b>2021</b> , 283, 124673	10.3	2
24	A comparative study of the effects of phosphatidylserine rich in DHA and EPA on A $\beta$ -induced Alzheimer's disease using cell models. <i>Food and Function</i> , <b>2021</b> , 12, 4411-4423	6.1	2
23	Multi-stage countercurrent process for extracting protein from Antarctic Krill ( <i>Euphausia superba</i> ). <i>Journal of Food Science and Technology</i> , <b>2018</b> , 55, 4450-4457	3.3	2
22	Biochemical characterization of two $\beta$ -N-acetylglucosaminidases from <i>Streptomyces violascens</i> for efficient production of N-acetyl-d-glucosamine. <i>Food Chemistry</i> , <b>2021</b> , 364, 130393	8.5	2
21	Enzymatic Verification and Comparative Analysis of Carrageenan Metabolism Pathways in Marine Bacterium <i>Flavobacterium algicola</i> .. <i>Applied and Environmental Microbiology</i> , <b>2022</b> , e0025622	4.8	2
20	The microbial stress responses of <i>Escherichia coli</i> and <i>Staphylococcus aureus</i> induced by chitooligosaccharide.. <i>Carbohydrate Polymers</i> , <b>2022</b> , 287, 119325	10.3	2

19	Applying Both Chemical Liquefaction and Enzymatic Catalysis Can Increase Production of Agar-Oligosaccharides from Agarose. <i>Journal of Ocean University of China</i> , <b>2020</b> , 19, 1371-1377	1	1
18	A Novel Soluble Squalene-Hopene Cyclase and Its Application in Efficient Synthesis of Hopene. <i>Frontiers in Bioengineering and Biotechnology</i> , <b>2020</b> , 8, 426	5.8	1
17	Bioprocess production of sea cucumber rice wine and characterization of functional components and antioxidant activities. <i>Food Science and Biotechnology</i> , <b>2014</b> , 23, 807-814	3	1
16	Biotechnological Advances in Lycopene $\beta$ -Cyclases. <i>Journal of Agricultural and Food Chemistry</i> , <b>2020</b> , 68, 11895-11907	5.7	1
15	Exogenous phosphatidylglucoside alleviates cognitive impairment by improvement of neuroinflammation, and neurotrophin signaling. <i>Clinical and Translational Medicine</i> , <b>2021</b> , 11, e332	5.7	1
14	Characterization of TEMPO-oxidized chitin nanofibers with various oxidation times and its application as an enzyme immobilization support. <i>Marine Life Science and Technology</i> , <b>2021</b> , 3, 85-93	4.5	1
13	An efficient method for chitin production from crab shells by a natural deep eutectic solvent. <i>Marine Life Science and Technology</i> , 1	4.5	1
12	Boosting expression level of plectasin in recombinant <i>Pichia pastoris</i> via 2A self-processing peptide assembly.. <i>Applied Microbiology and Biotechnology</i> , <b>2022</b> , 1	5.7	1
11	Macroporous Hydrogel Dressing: A Macroporous Hydrogel Dressing with Enhanced Antibacterial and Anti-Inflammatory Capabilities for Accelerated Wound Healing (Adv. Funct. Mater. 21/2020). <i>Advanced Functional Materials</i> , <b>2020</b> , 30, 2070132	15.6	0
10	Construction of a Super-Folder Fluorescent Protein-Guided Secretory Expression System for the Production of Phospholipase D in. <i>Journal of Agricultural and Food Chemistry</i> , <b>2021</b> , 69, 6842-6849	5.7	0
9	Effect of gum ghatti on physicochemical and microstructural properties of biodegradable sodium alginate edible films. <i>Journal of Food Measurement and Characterization</i> , <b>2021</b> , 15, 107-118	2.8	0
8	Short-term supplementation of DHA-enriched phospholipids attenuates the nephrotoxicity of cisplatin without compromising its antitumor activity in mice. <i>Food and Function</i> , <b>2021</b> , 12, 9391-9404	6.1	0
7	Development of a Label-Free Colorimetric Aptasensor with Rationally Utilized Aptamer for Rapid Detection of Okadaic Acid. <i>Journal of Ocean University of China</i> , <b>2022</b> , 21, 400-408	1	0
6	Development of a colorimetric aptasensor fabricated with a group-specific aptamer and AuNPs@Fe nanozyme for simultaneous detection of multiple diarrhetic shellfish poisons.. <i>Talanta</i> , <b>2022</b> , 246, 123534	6.2	0
5	A Carboxymethyl Chitosan-based Double-Crosslinking Hydrogel with Enhanced Antibacterial Properties for Accelerated Wound Healing. <i>Macromolecular Materials and Engineering</i> , 2200060	3.9	0
4	Biological synthesis and anti-HeLa cells effect of glycosylated bafilomycins. <i>Process Biochemistry</i> , <b>2020</b> , 99, 96-102	4.8	
3	Design, Preparation, and Evaluation of Enteric Coating Formulation of HPMC and Eudragit L100 on Carboxylated Agarose Hydrogel by Using Drug Tartrazine.. <i>BioMed Research International</i> , <b>2022</b> , 2022, 1042253	3	
2	Properties and Anti-Ultraviolet Activity of Gallic Acid-Chitosan-Gelatin Mixed Gel. <i>Journal of Ocean University of China</i> , <b>2022</b> , 21, 204-212	1	



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