Xiang-Zhao Mao

List of Publications by Year
in descending order

134 papers	3,379 citations	172207 29 h-index	197535 49 g-index
134 all docs	134 docs citations	134 times ranked	3103 citing authors

#	Article	IF	Citations
1	Chitosan: Structural modification, biological activity and application. International Journal of Biological Macromolecules, 2020, 164, 4532-4546.	3.6	266
2	A Macroporous Hydrogel Dressing with Enhanced Antibacterial and Antiâ€Inflammatory Capabilities for Accelerated Wound Healing. Advanced Functional Materials, 2020, 30, 2000644.	7.8	206
3	Comprehensive utilization of shrimp waste based on biotechnological methods: A review. Journal of Cleaner Production, 2017, 143, 814-823.	4.6	165
4	Green and Facile Production of Chitin from Crustacean Shells Using a Natural Deep Eutectic Solvent. Journal of Agricultural and Food Chemistry, 2018, 66, 11897-11901.	2.4	104
5	Characteristics and applications of alginate lyases: A review. International Journal of Biological Macromolecules, 2020, 164, 1304-1320.	3.6	91
6	Effective Enzyme Immobilization onto a Magnetic Chitin Nanofiber Composite. ACS Sustainable Chemistry and Engineering, 2018, 6, 8118-8124.	3.2	87
7	Two-Step Separation of Chitin from Shrimp Shells Using Citric Acid and Deep Eutectic Solvents with the Assistance of Microwave. Polymers, 2019, 11, 409.	2.0	83
8	Neoagaro-oligosaccharide monomers inhibit inflammation in LPS-stimulated macrophages through suppression of MAPK and NF-Î²B pathways. Scientific Reports, 2017, 7, 44252.	1.6	80
9	Neoagarotetraose protects mice against intense exerciseâ€induced fatigue damage by modulating gut microbial composition and function. Molecular Nutrition and Food Research, 2017, 61, 1600585.	1.5	63
10	Marineâ€polysaccharide degrading enzymes: Status and prospects. Comprehensive Reviews in Food Science and Food Safety, 2020, 19, 2767-2796.	5.9	57
11	Biotechnology advances in Î²-carotene production by microorganisms. Trends in Food Science and Technology, 2021, 111, 322-332.	7.8	56
12	Cloning, characterization and substrate degradation mode of a novel chitinase from Streptomyces albolongus ATCC 27414. Food Chemistry, 2018, 261, 329-336.	4.2	53
13	Cloning, expression and characterization of a novel chitosanase from Streptomyces albolongus ATCC 27414. Food Chemistry, 2019, 286, 696-702.	4.2	53
14	Cofermentation of Bacillus licheniformis and Gluconobacter oxydans for chitin extraction from shrimp waste. Biochemical Engineering Journal, 2014, 91, 10-15.	1.8	52
15	Biotechnological production of zeaxanthin by microorganisms. Trends in Food Science and Technology, 2018, 71, 225-234.	7.8	51
16	Antioxidant production and chitin recovery from shrimp head fermentation with Streptococcus thermophilus. Food Science and Biotechnology, 2013, 22, 1023-1032.	1.2	47
17	Effective Astaxanthin Extraction from Wet Haematococcus pluvialis Using Switchable Hydrophilicity Solvents. ACS Sustainable Chemistry and Engineering, 2018, 6, 1560-1563.	3.2	43
18	Porphyran and oligo-porphyran originating from red algae Porphyra: Preparation, biological activities, and potential applications. Food Chemistry, 2021, 349, 129209.	4.2	43

#	ARTICLE	IF	CITATIONS
19	Conversion of turbot skin wastes into valuable functional substances with an eco-friendly fermentation technology. Journal of Cleaner Production, 2017, 156, 367-377.	4.6	41
20	Mechanisms of DHA-enriched phospholipids in improving cognitive deficits in aged SAMP8 mice with high-fat diet. Journal of Nutritional Biochemistry, 2018, 59, 64-75.	1.9	41
21	Radioprotective effects and mechanisms of animal, plant and microbial polysaccharides. International Journal of Biological Macromolecules, 2020, 153, 373-384.	3.6	41
22	Efficient enzymatic hydrolysis of ionic liquid pretreated chitin and its dissolution mechanism. Carbohydrate Polymers, 2019, 211, 329-335.	5.1	38
23	Cloning and characterisation of a novel neoagarotetraose-forming-Î²-agarase, AgWH50A from Agarivorans gilvus WH0801. Carbohydrate Research, 2014, 388, 147-151.	1.1	36
24	Antioxidant Properties of Bio-active Substances from Shrimp Head Fermented by Bacillus licheniformis OPL-007. Applied Biochemistry and Biotechnology, 2013, 171, 1240-1252.	1.4	33
25	Characterization of a novel glycoside hydrolase family 46 chitosanase, Csn-BAC, from Bacillus sp. MD-5. International Journal of Biological Macromolecules, 2020, 146, 518-523.	3.6	32
26	A label-free colorimetric aptasensor based on split aptamers-chitosan oligosaccharide-AuNPs nanocomposites for sensitive and selective detection of kanamycin. Talanta, 2022, 238, 123032.	2.9	31
27	Gene cloning, expression and characterisation of a new Î²-agarase, AgWH50C, producing neoagarobiose from Agarivorans gilvus WH0801. World Journal of Microbiology and Biotechnology, 2014, 30, 1691-1698.	1.7	30
28	Effect of fermentation by Aspergillus oryzae on the biochemical and sensory properties of anchovy (Engraulis japonicus) fish sauce. International Journal of Food Science and Technology, 2016, 51, 133-141.	1.3	30
29	Metabolic engineering for the microbial production of marine bioactive compounds. Biotechnology Advances, 2017, 35, 1004-1021.	6.0	30
30	UV-shielding alginate films crosslinked with Fe3+ containing EDTA. Carbohydrate Polymers, 2020, 239, 115480.	5.1	30
31	Biotechnological production of lycopene by microorganisms. Applied Microbiology and Biotechnology, 2020, 104, 10307-10324.	1.7	30
32	Purification and characterization of two agarases from Agarivorans albus OAY02. Process Biochemistry, 2014, 49, 905-912.	1.8	29
33	The Vibrio parahaemolyticus-infecting bacteriophage qdvp001: genome sequence and endolysin with a modular structure. Archives of Virology, 2016, 161, 2645-2652.	0.9	29
34	Identification of a novel phospholipase D with high transphosphatidylation activity and its application in synthesis of phosphatidylserine and DHA-phosphatidylserine. Journal of Biotechnology, 2017, 249, 51-58.	1.9	29
35	Discovery and Characterization of a Novel Chitosanase from Paenibacillus dendritiformis by Phylogeny-Based Enzymatic Product Specificity Prediction. Journal of Agricultural and Food Chemistry, 2018, 66, 4645-4651.	2.4	29
36	Biochemical Characterization and Substrate Degradation Mode of a Novel Exotype Î²-Agarase from Agarivorans gilvus WH0801. Journal of Agricultural and Food Chemistry, 2017, 65, 7982-7988.	2.4	28

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37	Recovery of Chitin and Protein from Shrimp Head Waste by Endogenous Enzyme Autolysis and Fermentation. Journal of Ocean University of China, 2019, 18, 719-726.	0.6	28
38	Agarose degradation for utilization: Enzymes, pathways, metabolic engineering methods and products. Biotechnology Advances, 2020, 45, 107641.	6.0	28
39	Astaxanthin protects PC12 cells from glutamate-induced neurotoxicity through multiple signaling pathways. Journal of Functional Foods, 2015, 16, 137-151.	1.6	27
40	An environmental friendly process for Antarctic krill (Euphausia superba) utilization using fermentation technology. Journal of Cleaner Production, 2016, 127, 618-623.	4.6	27
41	Natural flavor ester synthesis catalyzed by lipases. Flavour and Fragrance Journal, 2020, 35, 209-218.	1.2	27
42	Development of a terminal-fixed aptamer and a label-free colorimetric aptasensor for highly sensitive detection of saxitoxin. Sensors and Actuators B: Chemical, 2021, 344, 130320.	4.0	27
43	Formulation of vitamin C encapsulation in marine phospholipids nanoliposomes: Characterization and stability evaluation during long term storage. LWT - Food Science and Technology, 2020, 127, 109439.	2.5	26
44	Biotechnological Production of 2â€²-Fucosyllactose: A Prevalent Fucosylated Human Milk Oligosaccharide. ACS Synthetic Biology, 2021, 10, 447-458.	1.9	26
45	A competitive colorimetric aptasensor transduced by hybridization chain reaction-facilitated catalysis of AuNPs nanozyme for highly sensitive detection of saxitoxin. Analytica Chimica Acta, 2021, 1173, 338710.	2.6	26
46	Whole-Cell Biocatalytic Synthesis of Cinnamyl Acetate with a Novel Esterase from the DNA Library of Acinetobacter hemolyticus. Journal of Agricultural and Food Chemistry, 2017, 65, 2120-2128.	2.4	25
47	Identification of an alkaline lipase capable of better enrichment of EPA than DHA due to fatty acids selectivity and regioselectivity. Food Chemistry, 2020, 330, 127225.	4.2	24
48	Advances and perspectives of aptasensors for the detection of tetracyclines: A class of model compounds of food analysis. Food Chemistry, 2021, 364, 130361.	4.2	23
49	Chitopentaose protects HaCaT cells against H2O2-induced oxidative damage through modulating MAPKs and Nrf2/ARE signaling pathways. Journal of Functional Foods, 2020, 72, 104086.	1.6	22
50	Neoagarotetraose-modulated gut microbiota and alleviated gut inflammation in antibiotic treatment mice. Food and Agricultural Immunology, 2017, 28, 1408-1423.	0.7	21
51	Conformational changes of proteins and oil molecules in fish oil/water interfaces of fish oil-in-water emulsions stabilized by bovine serum albumin. Food Chemistry, 2019, 274, 402-406.	4.2	21
52	Laminarin and Laminarin Oligosaccharides Originating from Brown Algae: Preparation, Biological Activities, and Potential Applications. Journal of Ocean University of China, 2021, 20, 641-653.	0.6	21
53	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. Journal of Agricultural and Food Chemistry, 2021, 69, 9178-9187.	2.4	21
54	Biochemical properties of fish sauce prepared using low salt, solid state fermentation with anchovy by-products. Food Science and Biotechnology, 2014, 23, 1497-1506.	1.2	20

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55	Biochemical characterization and degradation pattern analysis of a novel PL-6 alginate lyase from Streptomyces coelicolor A3(2). Food Chemistry, 2020, 323, 126852.	4.2	20
56	Advances in agaro-oligosaccharides preparation and bioactivities for revealing the structure-function relationship. Food Research International, 2021, 145, 110408.	2.9	20
57	Molecular cloning and expression of a new Î±â€neoagarobiose hydrolase from Agarivorans gilvus WH0801 and enzymatic production of 3,6â€anhydroâ€<scp>l</scp>â€galactose. Biotechnology and Applied Biochemistry, 2016, 63, 230-237.	1.4	19
58	Emerging roles of the aptasensors as superior bioaffinity sensors for monitoring shellfish toxins in marine food chain. Journal of Hazardous Materials, 2022, 421, 126690.	6.5	19
59	Phosphorylated peptides from Antarctic krill (Euphausia superba) ameliorated osteoporosis by activation of osteogenesis-related MAPKs and PI3K/AKT/GSK-3Î² pathways in dexamethasone-treated mice. Journal of Functional Foods, 2018, 47, 447-456.	1.6	18
60	Structure-based design of agarase AgWH50C from Agarivorans gilvus WH0801 to enhance thermostability. Applied Microbiology and Biotechnology, 2019, 103, 1289-1298.	1.7	18
61	Biochemical Characterization and Substrate Degradation Mode of a Novel Î±-Agarase from Catenovulum agarivorans. Journal of Agricultural and Food Chemistry, 2019, 67, 10373-10379.	2.4	17
62	Characterization of a Novel Î±-Neoagarobiose Hydrolase Capable of Preparation of Medium- and Long-Chain Agarooligosaccharides. Frontiers in Bioengineering and Biotechnology, 2019, 7, 470.	2.0	17
63	Construction of a Super-Folder Fluorescent Protein-Guided Secretory Expression System for the Production of Phospholipase D in Bacillus subtilis. Journal of Agricultural and Food Chemistry, 2021, 69, 6842-6849.	2.4	17
64	The microbial stress responses of Escherichia coli and Staphylococcus aureus induced by chitooligosaccharide. Carbohydrate Polymers, 2022, 287, 119325.	5.1	17
65	Combining Cell Surface Display and DNA-Shuffling Technology for Directed Evolution of Streptomyces Phospholipase D and Synthesis of Phosphatidylserine. Journal of Agricultural and Food Chemistry, 2019, 67, 13119-13126.	2.4	16
66	Identification of a Novel Esterase from Marine Environmental Genomic DNA Libraries and Its Application in Production of Free All-trans-Astaxanthin. Journal of Agricultural and Food Chemistry, 2018, 66, 2812-2821.	2.4	15
67	Comparative Investigation into Formycin A and Pyrazofurin A Biosynthesis Reveals Branch Pathways for the Construction of C -Nucleoside Scaffolds. Applied and Environmental Microbiology, 2020, 86, .	1.4	15
68	Evaluation of a clean fermentation-organic acid method for processing shrimp waste from six major cultivated shrimp species in China. Journal of Cleaner Production, 2021, 294, 126135.	4.6	15
69	Immobilization of Chitosanases onto Magnetic Nanoparticles to Enhance Enzyme Performance. Catalysts, 2018, 8, 401.	1.6	14
70	Coimmobilization of Î²-Agarase and Î±-Neoagarobiose Hydrolase for Enhancing the Production of 3,6-Anhydro-<scp>l</scp>-galactose. Journal of Agricultural and Food Chemistry, 2018, 66, 7087-7095.	2.4	14
71	Preparation of Sulforaphene from Radish Seed Extracts with Recombinant Food-Grade Yarrowia lipolytica Harboring High Myrosinase Activity. Journal of Agricultural and Food Chemistry, 2021, 69, 5363-5371.	2.4	14
72	Engineering a carbohydrate binding module to enhance chitinase catalytic efficiency on insoluble chitinous substrate. Food Chemistry, 2021, 355, 129462.	4.2	14

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73	An efficient method for chitin production from crab shells by a natural deep eutectic solvent. Marine Life Science and Technology, 2022, 4, 384-388.	1.8	14
74	Astaxanthin preparation by fermentation of esters from Haematococcus pluvialis algal extracts with Stenotrophomonas species. Biotechnology Progress, 2016, 32, 649-656.	1.3	13
75	A novel agaro-oligosaccharide-lytic Î²-galactosidase from Agarivorans gilvus WH0801. Applied Microbiology and Biotechnology, 2018, 102, 5165-5172.	1.7	13
76	Biotechnological Advances in Lycopene Î²-Cyclases. Journal of Agricultural and Food Chemistry, 2020, 68, 11895-11907.	2.4	13
77	Biochemical Characterization of a Novel Myrosinase Rmyr from Rahnella inusitata for High-Level Preparation of Sulforaphene and Sulforaphane. Journal of Agricultural and Food Chemistry, 2022, 70, 2303-2311.	2.4	13
78	Synthesis of Agarose-Based Multistimuli-Responsive Hydrogel Dressing for Accelerated Wound Healing. ACS Biomaterials Science and Engineering, 2022, 8, 293-302.	2.6	13
79	Research into the functional components and antioxidant activities of <scp>N</scp>orth <scp>C</scp>hina rice wine (Ji Mo Lao Jiu). Food Science and Nutrition, 2013, 1, 307-314.	1.5	12
80	Immobilization of Phospholipase D on Silica-Coated Magnetic Nanoparticles for the Synthesis of Functional Phosphatidylserine. Catalysts, 2019, 9, 361.	1.6	12
81	Biochemical characterization of two Î²-N-acetylglucosaminidases from Streptomyces violascens for efficient production of N-acetyl-d-glucosamine. Food Chemistry, 2021, 364, 130393.	4.2	12
82	Screening of Microorganisms from Deep-Sea Mud for Antarctic Krill (Euphausia superba) Fermentation and Evaluation of the Bioactive Compounds. Applied Biochemistry and Biotechnology, 2015, 175, 1664-1677.	1.4	11
83	Development and application of a tyrosinase-based time-temperature indicator (TTI) for determining the quality of turbot sashimi. Journal of Ocean University of China, 2017, 16, 847-854.	0.6	11
84	Application of secondary amine switchable hydrophilicity solvents for astaxanthin extraction from wet Haematococcus pluvialis. Algal Research, 2020, 48, 101892.	2.4	11
85	Expression and characterization of a novel glycoside hydrolase family 46 chitosanase identified from marine mud metagenome. International Journal of Biological Macromolecules, 2020, 159, 904-910.	3.6	11
86	Cloning, Expression, and Characterization of a Novel Thermostable and Alkaline-stable Esterase from Stenotrophomonas maltophilia OUC_Est10 Catalytically Active in Organic Solvents. Catalysts, 2019, 9, 401.	1.6	10
87	A novel autolysis system for extracellular production and direct immobilization of a phospholipase D fused with cellulose binding domain. BMC Biotechnology, 2019, 19, 29.	1.7	10
88	New type of green extractant for oil production: Citric acid/citric acid sodium extraction system. Food Chemistry, 2020, 310, 125815.	4.2	10
89	A novel thermostable serine protease from a metagenomic library derived from marine sediments in the East China Sea. Applied Microbiology and Biotechnology, 2020, 104, 9229-9238.	1.7	10
90	A Novel Dextran Dextrinase from Gluconobacter oxydans DSM-2003: Purification and Properties. Applied Biochemistry and Biotechnology, 2012, 168, 1256-1264.	1.4	9

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91	Complete genome sequence of Agarivorans gilvus WH0801T, an agarase-producing bacterium isolated from seaweed. Journal of Biotechnology, 2016, 219, 22-23.	1.9	9
92	Purification and characterization of an alkaline protease from Micrococcus sp. isolated from the South China Sea. Journal of Ocean University of China, 2017, 16, 319-325.	0.6	9
93	Reaction Specificity of Phospholipase D Prepared from Acinetobacter radioresistens a2 in Transphosphatidylation. Lipids, 2018, 53, 517-526.	0.7	9
94	Agaropentaose protects SH-SY5Y cells against 6-hydroxydopamine-induced neurotoxicity through modulating NF-ÎºB and p38MAPK signaling pathways. Journal of Functional Foods, 2019, 57, 222-232.	1.6	9
95	The First Genome Survey of the Antarctic Krill (Euphausia superba) Provides a Valuable Genetic Resource for Polar Biomedical Research. Marine Drugs, 2020, 18, 185.	2.2	9
96	A comparative study of the effects of phosphatidylserine rich in DHA and EPA on AÎ²-induced Alzheimer's disease using cell models. Food and Function, 2021, 12, 4411-4423.	2.1	9
97	Discovery and characterization of a novel Î±-l-fucosidase from the marine-derived Flavobacterium algicola and its application in 2â€²-fucosyllactose production. Food Chemistry, 2022, 369, 130942.	4.2	9
98	Multi-stage countercurrent process for extracting protein from Antarctic Krill (Euphausia superba). Journal of Food Science and Technology, 2018, 55, 4450-4457.	1.4	8
99	Lipid extraction from Greenland halibut (Reinhardtius hippoglossoides) by-product in low-voltage DC electric field and its mechanism. Journal of Cleaner Production, 2021, 283, 124673.	4.6	8
100	Targeted Lipidomics Reveal the Effects of Different Phospholipids on the Phospholipid Profiles of Hepatic Mitochondria and Endoplasmic Reticulum in High-Fat/High-Fructose-Diet-Induced Nonalcoholic Fatty Liver Disease Mice. Journal of Agricultural and Food Chemistry, 2022, 70, 3529-3540.	2.4	8
101	A rapid, easy, and sensitive method for detecting His-tag-containing chitinase based on ssDNA aptamers and gold nanoparticles. Food Chemistry, 2020, 330, 127230.	4.2	7
102	Molecular and Microbial Signatures Predictive of Prebiotic Action of Neoagarotetraose in a Dextran Sulfate Sodium-Induced Murine Colitis Model. Microorganisms, 2020, 8, 995.	1.6	7
103	Biochemical characterization and cleavage pattern analysis of a novel chitosanase with cellulase activity. Applied Microbiology and Biotechnology, 2022, 106, 1979-1990.	1.7	7
104	New Insights into Bifunctional Chitosanases with Hydrolysis Activity toward Chito- and Cello-Substrates. Journal of Agricultural and Food Chemistry, 2022, 70, 6168-6176.	2.4	7
105	Development of a colorimetric aptasensor fabricated with a group-specific aptamer and AuNPs@Fe2+ nanozyme for simultaneous detection of multiple diarrheic shellfish poisons. Talanta, 2022, 246, 123534.	2.9	7
106	A Carboxymethyl Chitosanâ€Based Doubleâ€Crosslinking Hydrogel with Enhanced Antibacterial Properties for Accelerated Wound Healing. Macromolecular Materials and Engineering, 2022, 307, .	1.7	7
107	Construction of an Immobilized Enzyme Membrane Reactor for Efficient and Sustainable Conversion of Ionic Liquid/Ultrasound-Pretreated Chitin. ACS Sustainable Chemistry and Engineering, 2022, 10, 7536-7544.	3.2	7
108	Mechanism of neoagarotetraose protects against intense exercise-induced liver injury based on molecular ecological network analysis. Bioscience, Biotechnology and Biochemistry, 2019, 83, 1227-1238.	0.6	6

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109	A Novel Soluble Squalene-Hopene Cyclase and Its Application in Efficient Synthesis of Hopene. Frontiers in Bioengineering and Biotechnology, 2020, 8, 426.	2.0	6
110	Macroporous Hydrogel Dressing: A Macroporous Hydrogel Dressing with Enhanced Antibacterial and Antiâ€inflammatory Capabilities for Accelerated Wound Healing (Adv. Funct. Mater. 21/2020). Advanced Functional Materials, 2020, 30, 2070132.	7.8	6
111	A Novel Route for Agarooligosaccharide Production with the Neoagarooligosaccharide-Producing Î²-Agarase as Catalyst. Catalysts, 2020, 10, 214.	1.6	6
112	Characterization of TEMPO-oxidized chitin nanofibers with various oxidation times and its application as an enzyme immobilization support. Marine Life Science and Technology, 2021, 3, 85-93.	1.8	6
113	Effect of gum ghatti on physicochemical and microstructural properties of biodegradable sodium alginate edible films. Journal of Food Measurement and Characterization, 2021, 15, 107-118.	1.6	6
114	Comparative evaluation of phosphatidylcholine and phosphatidylserine with different fatty acids on nephrotoxicity in vancomycin-induced mice. Bioscience, Biotechnology and Biochemistry, 2021, 85, 1873-1884.	0.6	6
115	Expression and Biochemical Characterization of a Novel Fucoidanase from Flavobacteriumalgicola with the Principal Product of Fucoidan-Derived Disaccharide. Foods, 2022, 11, 1025.	1.9	6
116	Characterization of Turbot (Scophthalmus maximus) Skin and the Extracted Acid-Soluble Collagen. Journal of Ocean University of China, 2019, 18, 687-692.	0.6	5
117	Identification of a GDSL lipase from Streptomyces bacillaris and its application in the preparation of free astaxanthin. Journal of Biotechnology, 2021, 325, 280-287.	1.9	5
118	Properties and potential applications of mannuronan C5-epimerase: A biotechnological tool for modifying alginate. International Journal of Biological Macromolecules, 2021, 168, 663-675.	3.6	5
119	Development of a Label-Free Colorimetric Aptasensor with Rationally Utilized Aptamer for Rapid Detection of Okadaic Acid. Journal of Ocean University of China, 2022, 21, 400-408.	0.6	5
120	Applying Both Chemical Liquefaction and Enzymatic Catalysis Can Increase Production of Agaro-Oligosaccharides from Agarose. Journal of Ocean University of China, 2020, 19, 1371-1377.	0.6	4
121	Exogenous phosphatidylglucoside alleviatesÂcognitive impairment by improvement of neuroinflammation, and neurotrophin signaling. Clinical and Translational Medicine, 2021, 11, e332.	1.7	4
122	Boosting expression level of plectasin in recombinant Pichia pastoris via 2A self-processing peptide assembly. Applied Microbiology and Biotechnology, 2022, 106, 3669-3678.	1.7	4
123	The Fermentation of Antarctic Krill Juice by a Variety of Microorganisms. Journal of Aquatic Food Product Technology, 2015, 24, 824-831.	0.6	3
124	Highly efficient preparation of free allâ€transâ€astaxanthin from Haematococcus pluvialis extract by a rapid biocatalytic method based on crude extracellular enzyme extract. International Journal of Food Science and Technology, 2019, 54, 376-386.	1.3	3
125	Short-term supplementation of DHA-enriched phospholipids attenuates the nephrotoxicity of cisplatin without compromising its antitumor activity in mice. Food and Function, 2021, 12, 9391-9404.	2.1	3
126	Cleaner Production Guide of Chito/Chitin Oligosaccharides and Its Monomer. , 2019, , 107-127.		3

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127	Design, Preparation, and Evaluation of Enteric Coating Formulation of HPMC and Eudragit L100 on Carboxylated Agarose Hydrogel by Using Drug Tartrazine. BioMed Research International, 2022, 2022, 1-6.	0.9	3
128	Enzymatic Verification and Comparative Analysis of Carrageenan Metabolism Pathways in Marine Bacterium Flavobacterium algicola. Applied and Environmental Microbiology, 2022, , e0025622.	1.4	3
129	Heterogenouslyâ€expressed chitosanase combining a green ball milling method for enzymatic degradation. , 2022, 1, 37-46.		3
130	A facile and integrated aptamer-based platform for preliminary and simultaneous screening of group targets. Sensors and Actuators B: Chemical, 2022, 369, 132312.	4.0	3
131	Bioprocess production of sea cucumber rice wine and characterization of functional components and antioxidant activities. Food Science and Biotechnology, 2014, 23, 807-814.	1.2	2
132	Properties and Anti-Ultraviolet Activity of Gallic Acid-Chitosan-Gelatin Mixed Gel. Journal of Ocean University of China, 2022, 21, 204-212.	0.6	2
133	A Biodegradable Multifunctional Film as a Tissue Adhesive for Instant Hemostasis and Wound Closure. Macromolecular Rapid Communications, 2022, 43, e2200031.	2.0	1
134	Biological synthesis and anti-HeLa cells effect of glycosylated bafilomycins. Process Biochemistry, 2020, 99, 96-102.	1.8	0