

SangGuan You

List of Publications by Year in descending order

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128
papers

4,544
citations

76196

40
h-index

128067

60
g-index

129
all docs

129
docs citations

129
times ranked

4081
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of molecular weight and hydrolysis conditions on anticancer activity of fucoidans from sporophyll of <i>Undaria pinnatifida</i> . <i>International Journal of Biological Macromolecules</i> , 2008, 43, 433-437.	3.6	214
2	Antioxidant properties of extract and fractions from <i>Enteromorpha prolifera</i> , a type of green seaweed. <i>Food Chemistry</i> , 2011, 127, 999-1006.	4.2	184
3	In vitro and in vivo immunomodulatory activity of sulfated polysaccharides from <i>Enteromorpha prolifera</i> . <i>International Journal of Biological Macromolecules</i> , 2011, 49, 1051-1058.	3.6	178
4	Molecular characteristics and anti-inflammatory activity of the fucoidan extracted from <i>Ecklonia cava</i> . <i>Carbohydrate Polymers</i> , 2012, 89, 599-606.	5.1	123
5	Molecular Characterization of Corn Starch Using an Aqueous HPSEC-MALLS-RI System Under Various Dissolution and Analytical Conditions. <i>Cereal Chemistry</i> , 2000, 77, 303-308.	1.1	112
6	Water-soluble polysaccharides from <i>Ulva intestinalis</i> : Molecular properties, structural elucidation and immunomodulatory activities. <i>Journal of Food and Drug Analysis</i> , 2018, 26, 599-608.	0.9	108
7	Effect of different non-conventional extraction methods on the antibacterial and antiviral activity of fucoidans extracted from <i>Nizamuddiniana zanardinii</i> . <i>International Journal of Biological Macromolecules</i> , 2019, 124, 131-137.	3.6	107
8	Exopolysaccharides from lactic acid bacteria: Structural analysis, molecular weight effect on immunomodulation. <i>International Journal of Biological Macromolecules</i> , 2014, 68, 233-240.	3.6	96
9	Molecular characteristics of sulfated polysaccharides from <i>Monostroma nitidum</i> and their in vitro anticancer and immunomodulatory activities. <i>International Journal of Biological Macromolecules</i> , 2011, 48, 311-318.	3.6	90
10	Molecular characteristics of partially hydrolyzed fucoidans from sporophyll of <i>Undaria Pinnatifida</i> and their in vitro anticancer activity. <i>Food Chemistry</i> , 2010, 119, 554-559.	4.2	86
11	Chemical and rheological properties of polysaccharides from fruit body of <i>Auricularia auricular-judae</i> . <i>Food Hydrocolloids</i> , 2016, 57, 30-37.	5.6	80
12	Molecular characteristics of barley starches with variable amylose content. <i>Carbohydrate Polymers</i> , 2002, 49, 33-42.	5.1	79
13	Effects of extraction methods on molecular characteristics, antioxidant properties and immunomodulation of alginates from <i>Sargassum angustifolium</i> . <i>International Journal of Biological Macromolecules</i> , 2017, 101, 703-711.	3.6	77
14	Microbial exopolysaccharides for immune enhancement: Fermentation, modifications and bioactivities. <i>Food Bioscience</i> , 2020, 35, 100564.	2.0	76
15	Characterization and immunomodulatory activities of sulfated polysaccharides from <i>Capsosiphon fulvescens</i> . <i>International Journal of Biological Macromolecules</i> , 2012, 51, 720-729.	3.6	74
16	Molecular characterization and biological activities of watersoluble sulfated polysaccharides from <i>Enteromorpha prolifera</i> . <i>Food Science and Biotechnology</i> , 2010, 19, 525-533.	1.2	71
17	Isolation and structural characterization of sulfated polysaccharide from <i>Spirulina platensis</i> and its bioactive potential: In vitro antioxidant, antibacterial activity and Zebrafish growth and reproductive performance. <i>International Journal of Biological Macromolecules</i> , 2019, 141, 809-821.	3.6	69
18	Structural analysis of immunostimulating sulfated polysaccharides from <i>Ulva pertusa</i> . <i>Carbohydrate Research</i> , 2012, 361, 141-147.	1.1	67

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19	Purification, molecular properties, structural characterization, and immunomodulatory activities of water soluble polysaccharides from <i>Sargassum angustifolium</i> . <i>International Journal of Biological Macromolecules</i> , 2018, 109, 793-802.	3.6	67
20	Subcritical water extraction as an efficient technique to isolate biologically-active fucoidans from <i>Nizamuddinina zanardinii</i> . <i>International Journal of Biological Macromolecules</i> , 2019, 128, 244-253.	3.6	64
21	The Antioxidant Properties of Ethanol Extracts and Their Solvent-Partitioned Fractions from Various Green Seaweeds. <i>Journal of Medicinal Food</i> , 2010, 13, 1232-1239.	0.8	59
22	An immune-enhancing water-soluble β -glucan from <i>Chlorella vulgaris</i> and structural characteristics. <i>Food Science and Biotechnology</i> , 2015, 24, 1933-1941.	1.2	59
23	Molecular characteristics and biological activities of anionic macromolecules from <i>Codium fragile</i> . <i>International Journal of Biological Macromolecules</i> , 2013, 59, 1-12.	3.6	58
24	Determination of physicochemical properties of sulphated fucans from sporophyll of <i>Undaria pinnatifida</i> using light scattering technique. <i>Food Chemistry</i> , 2008, 111, 503-507.	4.2	56
25	Molecular characterization and immunomodulatory activity of sulfated fucans from <i>Agarum cribrosum</i> . <i>Carbohydrate Polymers</i> , 2014, 113, 507-514.	5.1	55
26	Antioxidative, hypolipidemic, and anti-inflammatory activities of sulfated polysaccharides from <i>Monostroma nitidum</i> . <i>Food Science and Biotechnology</i> , 2015, 24, 199-205.	1.2	55
27	Optimization of ultrasonic-assisted extraction of polysaccharides from purple glutinous rice bran (<i>Oryza sativa</i> L.) and their antioxidant activities. <i>Scientific Reports</i> , 2020, 10, 10410.	1.6	55
28	Bioengineered gold nanoparticles from marine seaweed <i>Acanthophora spicifera</i> for pharmaceutical uses: antioxidant, antibacterial, and anticancer activities. <i>Bioprocess and Biosystems Engineering</i> , 2020, 43, 2231-2242.	1.7	54
29	Structural effects of sulfated polysaccharides from <i>Codium fragile</i> on NK cell activation and cytotoxicity. <i>International Journal of Biological Macromolecules</i> , 2017, 98, 117-124.	3.6	51
30	Effect of sulfation and partial hydrolysis of polysaccharides from <i>Polygonatum sibiricum</i> on immune-enhancement. <i>International Journal of Biological Macromolecules</i> , 2019, 122, 10-18.	3.6	51
31	Inhibitory effects of fucan sulfates on enzymatic hydrolysis of starch. <i>LWT - Food Science and Technology</i> , 2011, 44, 1164-1171.	2.5	49
32	Enhanced solubility of guanosine by inclusion complexes with cyclodextrin derivatives: Preparation, characterization, and evaluation. <i>Carbohydrate Polymers</i> , 2019, 224, 115166.	5.1	48
33	Antibacterial efficacy of a fucoidan fraction (Fu-F2) extracted from <i>Sargassum polycystum</i> . <i>International Journal of Biological Macromolecules</i> , 2019, 125, 485-495.	3.6	47
34	Isolation, structural elucidation and immuno-stimulatory properties of polysaccharides from <i>Cuminum cyminum</i> . <i>Carbohydrate Polymers</i> , 2020, 230, 115636.	5.1	47
35	Studies on isolation, characterization of fucoidan from brown algae <i>Turbinaria decurrens</i> and evaluation of its in vivo and in vitro anti-inflammatory activities. <i>International Journal of Biological Macromolecules</i> , 2020, 160, 1263-1276.	3.6	47
36	Molecular Distribution and Pasting Properties of UV-Irradiated Corn Starches. <i>Starch/Staerke</i> , 1999, 51, 126-131.	1.1	46

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37	Molecular Characterization of Wheat Amylopectins by Multiangle Laser Light Scattering Analysis. <i>Cereal Chemistry</i> , 1999, 76, 116-121.	1.1	45
38	Studies on structural properties and immune-enhancing activities of glycomannans from <i>Schizophyllum commune</i> . <i>Carbohydrate Polymers</i> , 2019, 218, 37-45.	5.1	45
39	Relationship between molecular weights and biological properties of alginates extracted under different methods from <i>Colpomenia peregrina</i> . <i>Process Biochemistry</i> , 2017, 58, 289-297.	1.8	44
40	Extraction, characterization and immunomodulatory property of pectic polysaccharide from pomegranate peels: Enzymatic vs conventional approach. <i>International Journal of Biological Macromolecules</i> , 2018, 116, 698-706.	3.6	44
41	Effect of Sulfated Modification on the Molecular Characteristics and Biological Activities of Polysaccharides from <i>Hypsizygus marmoreus</i> . <i>Bioscience, Biotechnology and Biochemistry</i> , 2010, 74, 1408-1414.	0.6	43
42	Biogenic synthesis of gold nanoparticles from <i>Halymenia dilatata</i> for pharmaceutical applications: Antioxidant, anti-cancer and antibacterial activities. <i>Process Biochemistry</i> , 2019, 85, 219-229.	1.8	43
43	Water soluble sulfated-fucans with immune-enhancing properties from <i>Ecklonia cava</i> . <i>International Journal of Biological Macromolecules</i> , 2014, 67, 303-311.	3.6	41
44	The activation of NF- κ B and MAPKs signaling pathways of RAW264.7 murine macrophages and natural killer cells by fucoidan from <i>Nizamuddiniana zanardinii</i> . <i>International Journal of Biological Macromolecules</i> , 2020, 148, 56-67.	3.6	40
45	Purification, structural analysis and mechanism of murine macrophage cell activation by sulfated polysaccharides from <i>Cystoseira indica</i> . <i>Carbohydrate Polymers</i> , 2019, 205, 261-270.	5.1	39
46	RAW264.7 Cell Activating Glucomannans Extracted from Rhizome of <i>Polygonatum sibiricum</i> . <i>Preventive Nutrition and Food Science</i> , 2016, 21, 245-254.	0.7	38
47	SEAWEED EXTRACTS AS A POTENTIAL TOOL FOR THE ATTENUATION OF OXIDATIVE DAMAGE IN OBESITY-RELATED PATHOLOGIES ¹ . <i>Journal of Phycology</i> , 2011, 47, 548-556.	1.0	36
48	Effects of barley and oat β -glucan structures on their rheological and thermal characteristics. <i>Carbohydrate Polymers</i> , 2012, 89, 1238-1243.	5.1	36
49	Structure-Activity Relationships of Sulfated Glycoproteins from <i>Codium fragile</i> on Nitric Oxide Releasing Capacity from RAW264.7 Cells. <i>Marine Biotechnology</i> , 2015, 17, 266-276.	1.1	34
50	Facile green route synthesis of gold nanoparticles using <i>Caulerpa racemosa</i> for biomedical applications. <i>Journal of Drug Delivery Science and Technology</i> , 2019, 54, 101345.	1.4	34
51	The Antiviral Activity of Bacterial, Fungal, and Algal Polysaccharides as Bioactive Ingredients: Potential Uses for Enhancing Immune Systems and Preventing Viruses. <i>Frontiers in Nutrition</i> , 2021, 8, 772033.	1.6	33
52	Gelation mechanism of polysaccharides from <i>Auricularia auricula-judae</i> . <i>Food Hydrocolloids</i> , 2018, 76, 35-41.	5.6	30
53	Antioxidant and immunomodulatory activities of sulphated polysaccharides from purple glutinous rice bran (<i>Oryza sativa</i> L.). <i>International Journal of Food Science and Technology</i> , 2018, 53, 994-1004.	1.3	29
54	Excitation-dependent multiple luminescence emission of nitrogen and sulfur co-doped carbon dots for cysteine sensing, bioimaging, and photoluminescent ink applications. <i>Microchemical Journal</i> , 2021, 167, 106280.	2.3	29

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55	Structural characterization of sulfated arabinans extracted from <i>Cladophora glomerata</i> and their macrophage activation. <i>Bioscience, Biotechnology and Biochemistry</i> , 2016, 80, 972-982.	0.6	27
56	Ultrasound-assisted extraction of sulfated polysaccharide from <i>Nizamuddinina zanardinii</i> : Process optimization, structural characterization, and biological properties. <i>Journal of Food Process Engineering</i> , 2019, 42, e12979.	1.5	27
57	Steady and Dynamic Shear Rheology of Fucoidan-Buckwheat Starch Mixtures. <i>Starch/Staerke</i> , 2009, 61, 282-290.	1.1	26
58	Bio-directed synthesis of Pt-nanoparticles from aqueous extract of red algae <i>Halymenia dilatata</i> and their biomedical applications. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 618, 126434.	2.3	26
59	Cancer immunotherapy using a polysaccharide from <i>Codium fragile</i> in a murine model. <i>OncolImmunology</i> , 2020, 9, 1772663.	2.1	25
60	Multiple heteroatom-doped photoluminescent carbon dots for ratiometric detection of Hg ²⁺ ions in cell imaging and environmental applications. <i>Analytical Methods</i> , 2022, 14, 635-642.	1.3	25
61	Molecular Characteristics of Water-Soluble Extracts from <i>Hypsizigus marmoreus</i> and Their <i>In Vitro</i> Growth Inhibition of Various Cancer Cell Lines and Immunomodulatory Function in Raw 264.7 Cells. <i>Bioscience, Biotechnology and Biochemistry</i> , 2011, 75, 891-898.	0.6	24
62	An arabinogalactan isolated from <i>Boswellia carterii</i> : Purification, structural elucidation and macrophage stimulation via NF- κ B and MAPK pathways. <i>Journal of Functional Foods</i> , 2019, 52, 450-458.	1.6	24
63	Glucuronorhamnoxylan from <i>Capsosiphon fulvescens</i> inhibits the growth of HT-29 human colon cancer cells <i>in vitro</i> and <i>in vivo</i> via induction of apoptotic cell death. <i>International Journal of Biological Macromolecules</i> , 2019, 124, 1060-1068.	3.6	24
64	<i>Astragalus membranaceus</i> polysaccharides potentiate the growth-inhibitory activity of immune checkpoint inhibitors against pulmonary metastatic melanoma in mice. <i>International Journal of Biological Macromolecules</i> , 2021, 182, 1292-1300.	3.6	24
65	Infrared Assisted Freeze-Drying (IRAFD) to Produce Shelf-Stable Insect Food from <i>Protaetia brevitarsis</i> (White-Spotted Flower Chafer) Larva. <i>Food Science of Animal Resources</i> , 2020, 40, 813-830.	1.7	23
66	Comparison of the immune activation capacities of fucoidan and laminarin extracted from <i>Laminaria japonica</i> . <i>International Journal of Biological Macromolecules</i> , 2022, 208, 230-242.	3.6	23
67	Structural characterization of immunostimulating protein-sulfated fucan complex extracted from the body wall of a sea cucumber, <i>Stichopus japonicus</i> . <i>International Journal of Biological Macromolecules</i> , 2017, 99, 539-548.	3.6	22
68	Improved immunomodulatory and antioxidant properties of unrefined fucoidans from <i>Sargassum angustifolium</i> by hydrolysis. <i>Journal of Food Science and Technology</i> , 2017, 54, 4016-4025.	1.4	22
69	Bioactivities of <i>Nizamuddinina zanardinii</i> sulfated polysaccharides extracted by enzyme, ultrasound and enzyme-ultrasound methods. <i>Journal of Food Science and Technology</i> , 2019, 56, 1212-1220.	1.4	22
70	Ultrasonic-assisted efficient synthesis of inclusion complexes of salsalate drug and β -cyclodextrin derivatives for potent biomedical applications. <i>Journal of Molecular Liquids</i> , 2020, 319, 114358.	2.3	22
71	Polysaccharide extracted from <i>Taraxacum platycarpum</i> root exerts immunomodulatory activity via MAPK and NF- κ B pathways in RAW264.7 cells. <i>Journal of Ethnopharmacology</i> , 2021, 281, 114519.	2.0	22
72	Polysaccharide from <i>Codium fragile</i> Induces Anti-Cancer Immunity by Activating Natural Killer Cells. <i>Marine Drugs</i> , 2020, 18, 626.	2.2	21

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73	The activation of RAW264.7 murine macrophage and natural killer cells by glucomannogalactan polysaccharides from <i>Tornabea scutellifera</i> . <i>Carbohydrate Polymers</i> , 2019, 219, 368-377.	5.1	20
74	Immune-enhancing effects of anionic macromolecules extracted from <i>Codium fragile</i> on cyclophosphamide-treated mice. <i>PLoS ONE</i> , 2019, 14, e0211570.	1.1	20
75	Effects of sulfated fucan from the sea cucumber <i>Stichopus japonicus</i> on natural killer cell activation and cytotoxicity. <i>International Journal of Biological Macromolecules</i> , 2018, 108, 177-184.	3.6	18
76	Molecular structures, chemical properties and biological activities of polysaccharide from <i>Smilax glabra</i> rhizome. <i>International Journal of Biological Macromolecules</i> , 2018, 120, 1726-1733.	3.6	18
77	Rapid detection of silver ions based on luminescent carbon nanodots for multicolor patterning, smartphone sensors, and bioimaging applications. <i>Analytical Methods</i> , 2021, 13, 5719-5726.	1.3	18
78	Structural characteristics of polysaccharides extracted from <i>Cladophora glomerata</i> affecting nitric oxide releasing capacity of RAW 264.7 cells. <i>Bioactive Carbohydrates and Dietary Fibre</i> , 2016, 7, 26-31.	1.5	17
79	Surveillance of disease incidence in shrimp farms located in the east coastal region of India and in vitro antibacterial efficacy of probiotics against <i>Vibrio parahaemolyticus</i> . <i>Journal of Invertebrate Pathology</i> , 2021, 179, 107536.	1.5	17
80	Characterization and immunomodulatory activities of polysaccharides from <i>Spirogyra neglecta</i> (Hassall). <i>Bioscience, Biotechnology and Biochemistry</i> , 2015, 79, 1644-1653.	0.6	16
81	<i>Cladophora fascicularis</i> Mediated Silver Nanoparticles: Assessment of Their Antibacterial Activity Against <i>Aeromonas hydrophila</i> . <i>Journal of Cluster Science</i> , 2020, 31, 673-683.	1.7	16
82	Sulfated galactan from <i>Halymenia dilatata</i> enhance the antioxidant properties and prevents <i>Aeromonas hydrophila</i> infection in tilapia fish: In vitro and in vivo study. <i>International Journal of Biological Macromolecules</i> , 2020, 158, 569-579.	3.6	16
83	Characterization and Application of BiLA, a Psychrophilic α -Amylase from <i>Bifidobacterium longum</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2016, 64, 2709-2718.	2.4	15
84	Structural characterization of a polysaccharide from <i>Certaria islandica</i> and assessment of immunostimulatory activity. <i>Process Biochemistry</i> , 2019, 83, 214-221.	1.8	15
85	Ultrasonication-assisted host-guest inclusion complexes of β -cyclodextrins and 5-hydroxytryptophan: Enhancement of water solubility, thermal stability, and in vitro anticancer activity. <i>Journal of Molecular Liquids</i> , 2021, 336, 116172.	2.3	15
86	Radical Scavenging Activity of Ethanol Extracts and Solvent Partitioned Fractions from Various Red Seaweeds. <i>Ocean and Polar Research</i> , 2012, 34, 445-451.	0.3	15
87	Human Peripheral Blood Dendritic Cell and T Cell Activation by <i>Codium fragile</i> Polysaccharide. <i>Marine Drugs</i> , 2020, 18, 535.	2.2	14
88	Dissolution behaviors of waxy maize amylopectin in aqueous-DMSO solutions containing NaCl and CaCl ₂ . <i>Food Hydrocolloids</i> , 2014, 35, 115-121.	5.6	13
89	Anti-Inflammatory Effects of Lipids Extracted from <i>Arctostaphylos japonicus</i> Eggs on LPS-Stimulated RAW264.7 Cells. <i>Marine Drugs</i> , 2019, 17, 580.	2.2	13
90	<i>Codium fragile</i> F2 sensitize colorectal cancer cells to TRAIL-induced apoptosis via c-FLIP ubiquitination. <i>Biochemical and Biophysical Research Communications</i> , 2019, 508, 1-8.	1.0	13

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91	Neutral Lipids, Glycolipids, and Phospholipids, Isolated from Sandfish (<i>Arctoscopus japonicus</i>) Eggs, Exhibit Anti-Inflammatory Activity in LPS-Stimulated RAW264.7 Cells through NF- κ B and MAPKs Pathways. <i>Marine Drugs</i> , 2020, 18, 480.	2.2	13
92	Inducing inflammatory response in RAW264.7 and NK-92 cells by an arabinogalactan isolated from <i>Ferula gummosa</i> via NF- κ B and MAPK signaling pathways. <i>Carbohydrate Polymers</i> , 2020, 241, 116358.	5.1	13
93	Enhancement of solubility, antibiofilm, and antioxidant activity of uridine by inclusion in β -cyclodextrin derivatives. <i>Journal of Molecular Liquids</i> , 2020, 306, 112849.	2.3	13
94	Anti-Inflammatory Effect of <i>Asterias amurensis</i> Fatty Acids through NF- κ B and MAPK Pathways against LPS-Stimulated RAW264.7 Cells. <i>Journal of Microbiology and Biotechnology</i> , 2018, 28, 1635-1644.	0.9	13
95	Isolation and chemical characterization of a novel immunostimulating galactofucan from freshwater <i>Azolla filiculoides</i> . <i>International Journal of Biological Macromolecules</i> , 2018, 118, 2082-2091.	3.6	11
96	Preparation and characterization of folic acid conjugated sulfated polysaccharides on NK cell activation and cellular uptake in HeLa cells. <i>Carbohydrate Polymers</i> , 2021, 254, 117250.	5.1	11
97	Intranasal Administration of <i>Codium fragile</i> Polysaccharide Elicits Anti-Cancer Immunity against Lewis Lung Carcinoma. <i>International Journal of Molecular Sciences</i> , 2021, 22, 10608.	1.8	11
98	Immuno-enhancement effect of polysaccharide extracted from <i>Stichopus japonicus</i> on cyclophosphamide-induced immunosuppression mice. <i>Food Science and Biotechnology</i> , 2018, 27, 565-573.	1.2	10
99	Rapid response and highly selective sensing of adenosine based on novel photoluminescent vanadium nanoclusters anchored on MoS ₂ nanosheets. <i>Sensors and Actuators B: Chemical</i> , 2020, 306, 127581.	4.0	10
100	Sea Cucumber (<i>Stichopus japonicus</i>) F2 Enhanced TRAIL-Induced Apoptosis via XIAP Ubiquitination and ER Stress in Colorectal Cancer Cells. <i>Nutrients</i> , 2019, 11, 1061.	1.7	9
101	The relationship between structural properties and activation of RAW264.7 and natural killer (NK) cells by sulfated polysaccharides extracted from <i>Astragalus membranaceus</i> roots. <i>Process Biochemistry</i> , 2020, 97, 140-148.	1.8	9
102	Indium-Catalyzed Aromatic Spiro Coupling of Quinones with Oxindoles for Highly Functionalized Xanthenes as Efficient Fluorophores. <i>Organic Letters</i> , 2021, 23, 1383-1387.	2.4	9
103	Structural Effects of Sulfated-Glycoproteins from <i>Stichopus japonicus</i> on the Nitric Oxide Secretion Ability of RAW 264.7 Cells. <i>Preventive Nutrition and Food Science</i> , 2014, 19, 307-313.	0.7	9
104	Supramolecular nanogels based on gelatin-cyclodextrin-stabilized silver nanocomposites with antibacterial and anticancer properties. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2022, 33, 689-704.	1.9	9
105	Synthesis of cyclodextrin functionalized photoluminescent metal nanoclusters for chemoselective Fe ³⁺ ion detection in aqueous medium and its applications of paper sensors and cell imaging. <i>Journal of Molecular Liquids</i> , 2022, 356, 118999.	2.3	9
106	Structural characterization and RAW264.7 murine macrophage stimulating activity of a fucogalactoglucan from <i>Colpomenia peregrina</i> . <i>Journal of Food Science and Technology</i> , 2018, 55, 4650-4660.	1.4	8
107	Structural characteristics, molecular properties and immunostimulatory effects of sulfated polysaccharide from freshwater <i>Myriophyllum spicatum</i> L. <i>International Journal of Biological Macromolecules</i> , 2020, 153, 951-961.	3.6	8
108	Immune-enhancing effects of anionic macromolecules extracted from <i>Codium fragile</i> coupled with arachidonic acid in RAW264.7 cells. <i>PLoS ONE</i> , 2020, 15, e0239422.	1.1	8

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109	Purification, characterization and immunostimulatory effects of polysaccharides from <i>Anemarrhena asphodeloides</i> rhizomes. <i>International Journal of Biological Macromolecules</i> , 2021, 172, 550-559.	3.6	8
110	Extraction, Structural Characterisation, and Immunomodulatory Properties of Edible <i>Amanita hemibapha</i> subspecies <i>javanica</i> (Corner and Bas) Mucilage Polysaccharide as a Potential of Functional Food. <i>Journal of Fungi</i> (Basel, Switzerland), 2021, 7, 683.	1.5	8
111	Immunomodulatory Activities of Body Wall Fatty Acids Extracted from <i>Halocynthia aurantium</i> on RAW264.7 Cells. <i>Journal of Microbiology and Biotechnology</i> , 2020, 30, 1927-1936.	0.9	8
112	LPS-induced NO inhibition and antioxidant activities of ethanol extracts and their solvent partitioned fractions from four brown seaweeds. <i>Ocean Science Journal</i> , 2013, 48, 349-359.	0.6	7
113	Ohmic cooking of instant rice cake soup: energy efficiency and textural qualities. <i>Food Science and Biotechnology</i> , 2020, 29, 641-649.	1.2	7
114	Immune Enhancement Effect of <i>Asterias amurensis</i> Fatty Acids through NF- κ B and MAPK Pathways on RAW 264.7 Cells. <i>Journal of Microbiology and Biotechnology</i> , 2018, 28, 349-356.	0.9	7
115	Structural Elucidation and Immunostimulatory Activities of Quinoa Non-starch Polysaccharide Before and After Deproteinization. <i>Journal of Polymers and the Environment</i> , 2022, 30, 2291-2303.	2.4	7
116	Sulfated Polysaccharides from Green Seaweeds. , 2015, , 941-953.		6
117	Sulphation and Hydrolysis Improvements of Bioactivities, and Immuno-Modulatory Properties of Edible <i>Amanita hemibapha</i> Subspecies <i>javanica</i> (Corner and Bas) Mucilage Polysaccharide as a Potential in Personalized Functional Foods. <i>Journal of Fungi</i> (Basel, Switzerland), 2021, 7, 847.	1.5	6
118	Integrated Ultrasonication and Microbubble-Assisted Enzymatic Synthesis of Fructooligosaccharides from Brown Sugar. <i>Foods</i> , 2020, 9, 1833.	1.9	5
119	Evaluating the Feasibility of Ohmic Cooking for Home Meal Replacement Curry: Analysis of Energy Efficacy and Textural Qualities. <i>International Journal of Food Engineering</i> , 2019, 15, .	0.7	4
120	Extraction, structural elucidation and immunostimulating properties of water-soluble polysaccharides from wheat bran. <i>Journal of Food Biochemistry</i> , 2020, 44, e13364.	1.2	4
121	Immune enhancement effects of Korean ginseng berry polysaccharides on RAW264.7 macrophages through MAPK and NF- κ B signalling pathways. <i>Food and Agricultural Immunology</i> , 2021, 32, 298-309.	0.7	4
122	Extraction, structural characterization, and immunostimulatory activity of soluble non-starch polysaccharides of finger millet. <i>Process Biochemistry</i> , 2021, 111, 40-50.	1.8	4
123	Immune-modulation effect of <i>Halocynthia aurantium</i> tunic lipid on RAW264.7 cells. <i>Food Science and Biotechnology</i> , 2022, 31, 101-110.	1.2	4
124	Improvement of viscous substance production during Cheonggukjang fermentation added with glycine. <i>Food Science and Biotechnology</i> , 2020, 29, 953-959.	1.2	3
125	Phosphine residues and physicochemical stability of Hwangtae after fumigation. <i>Food Science and Biotechnology</i> , 2021, 30, 1025-1031.	1.2	3
126	One-step synthesis of glycogen-type polysaccharides from maltooctaose and its structural characteristics. <i>Carbohydrate Polymers</i> , 2022, 284, 119175.	5.1	3

#	ARTICLE	IF	CITATIONS
127	Immunostimulatory effects of a polysaccharide from <i>Pimpinella anisum</i> seeds on RAW264.7 and NK-92 cells. <i>International Journal of Biological Macromolecules</i> , 2022, 213, 546-554.	3.6	3
128	Nanofibers from hydroxypropyl β -cyclodextrin/pantothenic acid supramolecular complexes: Physicochemical characterization and potential biomedical applications. <i>Journal of Industrial Textiles</i> , 0, , 152808372210820.	1.1	0