

# SangGuan You

## List of Publications by Year in Descending Order

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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.

127  
papers

2,992  
citations

32  
h-index

49  
g-index

129  
ext. papers

3,723  
ext. citations

5.6  
avg, IF

5.65  
L-index

#	Paper	IF	Citations
127	Supramolecular nanogels based on gelatin-cyclodextrin-stabilized silver nanocomposites with antibacterial and anticancer properties.. <i>Journal of Biomaterials Science, Polymer Edition</i> , <b>2022</b> , 1-16	3.5	2
126	One-step synthesis of glycogen-type polysaccharides from maltooctaose and its structural characteristics.. <i>Carbohydrate Polymers</i> , <b>2022</b> , 284, 119175	10.3	0
125	Comparison of the immune activation capacities of fucoidan and laminarin extracted from <i>Laminaria japonica</i> .. <i>International Journal of Biological Macromolecules</i> , <b>2022</b> , 208, 230-242	7.9	5
124	Synthesis of cyclodextrin functionalized photoluminescent metal nanoclusters for chemoselective Fe <sup>3+</sup> ion detection in aqueous medium and its applications of paper sensors and cell imaging. <i>Journal of Molecular Liquids</i> , <b>2022</b> , 356, 118999	6	2
123	Immune-modulation effect of tunic lipid on RAW264.7 cells.. <i>Food Science and Biotechnology</i> , <b>2022</b> , 31, 101-110	3	
122	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> , <b>2022</b> , 213, 546-554	7.9	0
121	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> , <b>2021</b> , 8, 772033	6.2	9
120	Structural Elucidation and Immunostimulatory Activities of Quinoa Non-starch Polysaccharide Before and After Deproteinization. <i>Journal of Polymers and the Environment</i> , <b>2021</b> , 1-13	4.5	1
119	Rapid detection of silver ions based on luminescent carbon nanodots for multicolor patterning, smartphone sensors, and bioimaging applications. <i>Analytical Methods</i> , <b>2021</b> , 13, 5719-5726	3.2	0
118	Sulphation and Hydrolysis Improvements of Bioactivities, and Immuno-Modulatory Properties of Edible Subspecies (Corner and Bas) Mucilage Polysaccharide as a Potential in Personalized Functional Foods. <i>Journal of Fungi (Basel, Switzerland)</i> , <b>2021</b> , 7,	5.6	1
117	Purification, characterization and immunostimulatory effects of polysaccharides from <i>Anemarrhena asphodeloides</i> rhizomes. <i>International Journal of Biological Macromolecules</i> , <b>2021</b> , 172, 550-559	7.9	2
116	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> , <b>2021</b> , 618, 126434	5.1	11
115	Phosphine residues and physicochemical stability of Hwangtae after fumigation. <i>Food Science and Biotechnology</i> , <b>2021</b> , 30, 1025-1031	3	0
114	Preparation and characterization of folic acid conjugated sulfated polysaccharides on NK cell activation and cellular uptake in HeLa cells. <i>Carbohydrate Polymers</i> , <b>2021</b> , 254, 117250	10.3	3
113	Immune enhancement effects of Korean ginseng berry polysaccharides on RAW264.7 macrophages through MAPK and NF- $\kappa$ B signalling pathways. <i>Food and Agricultural Immunology</i> , <b>2021</b> , 32, 298-309	2.9	1
112	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> , <b>2021</b> , 179, 107536	2.6	7
111	Indium-Catalyzed Aromative Spiro Coupling of Quinones with Oxindoles for Highly Functionalized Xanthenes as Efficient Fluorophores. <i>Organic Letters</i> , <b>2021</b> , 23, 1383-1387	6.2	3

110	Astragalus membranaceus polysaccharides potentiate the growth-inhibitory activity of immune checkpoint inhibitors against pulmonary metastatic melanoma in mice. <i>International Journal of Biological Macromolecules</i> , <b>2021</b> , 182, 1292-1300	7.9	5
109	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> , <b>2021</b> , 167, 106280	4.8	5
108	Extraction, Structural Characterisation, and Immunomodulatory Properties of Edible subspecies (Corner and Bas) Mucilage Polysaccharide as a Potential of Functional Food. <i>Journal of Fungi (Basel, Switzerland)</i> , <b>2021</b> , 7,	5.6	3
107	Ultrasonication-assisted host-guest inclusion complexes of Cyclodextrins and 5-hydroxytryptophan: Enhancement of water solubility, thermal stability, and in vitro anticancer activity. <i>Journal of Molecular Liquids</i> , <b>2021</b> , 336, 116172	6	3
106	Intranasal Administration of Polysaccharide Elicits Anti-Cancer Immunity against Lewis Lung Carcinoma. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	3
105	Polysaccharide extracted from Taraxacum platycarpum root exerts immunomodulatory activity via MAPK and NF- $\kappa$ B pathways in RAW264.7 cells. <i>Journal of Ethnopharmacology</i> , <b>2021</b> , 281, 114519	5	0
104	Extraction, structural characterization, and immunostimulatory activity of soluble non-starch polysaccharides of finger millet. <i>Process Biochemistry</i> , <b>2021</b> , 111, 40-50	4.8	0
103	Polysaccharide from Induces Anti-Cancer Immunity by Activating Natural Killer Cells. <i>Marine Drugs</i> , <b>2020</b> , 18,	6	8
102	Human Peripheral Blood Dendritic Cell and T Cell Activation by Polysaccharide. <i>Marine Drugs</i> , <b>2020</b> , 18,	6	2
101	Inducing inflammatory response in RAW264.7 and NK-92 cells by an arabinogalactan isolated from Ferula gummosa via NF- $\kappa$ B and MAPK signaling pathways. <i>Carbohydrate Polymers</i> , <b>2020</b> , 241, 116358	10.3	5
100	Sulfated galactan from Halymenia dilatata enhance the antioxidant properties and prevents Aeromonas hydrophila infection in tilapia fish: In vitro and in vivo study. <i>International Journal of Biological Macromolecules</i> , <b>2020</b> , 158, 569-579	7.9	3
99	Microbial exopolysaccharides for immune enhancement: Fermentation, modifications and bioactivities. <i>Food Bioscience</i> , <b>2020</b> , 35, 100564	4.9	38
98	Enhancement of solubility, antibiofilm, and antioxidant activity of uridine by inclusion in Cyclodextrin derivatives. <i>Journal of Molecular Liquids</i> , <b>2020</b> , 306, 112849	6	7
97	Optimization of ultrasonic-assisted extraction of polysaccharides from purple glutinous rice bran (Oryza sativa L.) and their antioxidant activities. <i>Scientific Reports</i> , <b>2020</b> , 10, 10410	4.9	25
96	Extraction, structural elucidation and immunostimulating properties of water-soluble polysaccharides from wheat bran. <i>Journal of Food Biochemistry</i> , <b>2020</b> , 44, e13364	3.3	3
95	Cancer immunotherapy using a polysaccharide from in a murine model. <i>OncolImmunology</i> , <b>2020</b> , 9, 1772663	6.3	13
94	The activation of NF- $\kappa$ B and MAPKs signaling pathways of RAW264.7 murine macrophages and natural killer cells by fucoidan from Nizamuddiniana zanardinii. <i>International Journal of Biological Macromolecules</i> , <b>2020</b> , 148, 56-67	7.9	16
93	Improvement of viscous substance production during fermentation added with glycine. <i>Food Science and Biotechnology</i> , <b>2020</b> , 29, 953-959	3	2

92	Infrared Assisted Freeze-Drying (IRAFD) to Produce Shelf-Stable Insect Food from (White-Spotted Flower Chafer) Larva. <i>Food Science of Animal Resources</i> , <b>2020</b> , 40, 813-830	3.2	12
91	Immunomodulatory Activities of Body Wall Fatty Acids Extracted from on RAW264.7 Cells. <i>Journal of Microbiology and Biotechnology</i> , <b>2020</b> , 30, 1927-1936	3.3	2
90	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> , <b>2020</b> , 160, 1263-1276	7.9	18
89	Structural characteristics, molecular properties and immunostimulatory effects of sulfated polysaccharide from freshwater <i>Myriophyllum spicatum</i> L. <i>International Journal of Biological Macromolecules</i> , <b>2020</b> , 153, 951-961	7.9	5
88	Ohmic cooking of instant rice cake soup: energy efficiency and textural qualities. <i>Food Science and Biotechnology</i> , <b>2020</b> , 29, 641-649	3	4
87	Rapid response and highly selective sensing of adenosine based on novel photoluminescent vanadium nanoclusters anchored on MoS <sub>2</sub> nanosheets. <i>Sensors and Actuators B: Chemical</i> , <b>2020</b> , 306, 127581	8.5	6
86	Isolation, structural elucidation and immuno-stimulatory properties of polysaccharides from <i>Cuminum cyminum</i> . <i>Carbohydrate Polymers</i> , <b>2020</b> , 230, 115636	10.3	25
85	Immune-enhancing effects of anionic macromolecules extracted from <i>Codium fragile</i> coupled with arachidonic acid in RAW264.7 cells. <i>PLoS ONE</i> , <b>2020</b> , 15, e0239422	3.7	4
84	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> , <b>2020</b> , 97, 140-148	4.8	4
83	Bioengineered gold nanoparticles from marine seaweed <i>Acanthophora spicifera</i> for pharmaceutical uses: antioxidant, antibacterial, and anticancer activities. <i>Bioprocess and Biosystems Engineering</i> , <b>2020</b> , 43, 2231-2242	3.7	19
82	Ultrasonic-assisted efficient synthesis of inclusion complexes of salsalate drug and $\beta$ -cyclodextrin derivatives for potent biomedical applications. <i>Journal of Molecular Liquids</i> , <b>2020</b> , 319, 114358	6	9
81	Neutral Lipids, Glycolipids, and Phospholipids, Isolated from Sandfish ( <i>Paralichthys oblongus</i> ) Eggs, Exhibit Anti-Inflammatory Activity in LPS-Stimulated RAW264.7 Cells through NF- $\kappa$ B and MAPKs Pathways. <i>Marine Drugs</i> , <b>2020</b> , 18,	6	6
80	Integrated Ultrasonication and Microbubble-Assisted Enzymatic Synthesis of Fructooligosaccharides from Brown Sugar. <i>Foods</i> , <b>2020</b> , 9,	4.9	3
79	<i>Cladophora fascicularis</i> Mediated Silver Nanoparticles: Assessment of Their Antibacterial Activity Against <i>Aeromonas hydrophila</i> . <i>Journal of Cluster Science</i> , <b>2020</b> , 31, 673-683	3	10
78	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> , <b>2019</b> , 141, 809-821	7.9	32
77	Subcritical water extraction as an efficient technique to isolate biologically-active fucoidans from <i>Nizamuddinia zanardinii</i> . <i>International Journal of Biological Macromolecules</i> , <b>2019</b> , 128, 244-253	7.9	40
76	Structural characterization of a polysaccharide from <i>Certaria islandica</i> and assessment of immunostimulatory activity. <i>Process Biochemistry</i> , <b>2019</b> , 83, 214-221	4.8	7
75	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> , <b>2019</b> , 15,	1.9	2

74	Sea Cucumber () F2 Enhanced TRAIL-Induced Apoptosis via XIAP Ubiquitination and ER Stress in Colorectal Cancer Cells. <i>Nutrients</i> , <b>2019</b> , 11,	6.7	4
73	The activation of RAW264.7 murine macrophage and natural killer cells by glucomannogalactan polysaccharides from <i>Tornabea scutellifera</i> . <i>Carbohydrate Polymers</i> , <b>2019</b> , 219, 368-377	10.3	11
72	Studies on structural properties and immune-enhancing activities of glycomannans from <i>Schizophyllum commune</i> . <i>Carbohydrate Polymers</i> , <b>2019</b> , 218, 37-45	10.3	26
71	Bioactivities of sulfated polysaccharides extracted by enzyme, ultrasound and enzyme-ultrasound methods. <i>Journal of Food Science and Technology</i> , <b>2019</b> , 56, 1212-1220	3.3	17
70	Immune-enhancing effects of anionic macromolecules extracted from <i>Codium fragile</i> on cyclophosphamide-treated mice. <i>PLoS ONE</i> , <b>2019</b> , 14, e0211570	3.7	7
69	Enhanced solubility of guanosine by inclusion complexes with cyclodextrin derivatives: Preparation, characterization, and evaluation. <i>Carbohydrate Polymers</i> , <b>2019</b> , 224, 115166	10.3	31
68	Biogenic synthesis of gold nanoparticles from <i>Halymenia dilatata</i> for pharmaceutical applications: Antioxidant, anti-cancer and antibacterial activities. <i>Process Biochemistry</i> , <b>2019</b> , 85, 219-229	4.8	24
67	Anti-Inflammatory Effects of Lipids Extracted from Eggs on LPS-Stimulated RAW264.7 Cells. <i>Marine Drugs</i> , <b>2019</b> , 17,	6	5
66	Facile green route synthesis of gold nanoparticles using <i>Caulerpa racemosa</i> for biomedical applications. <i>Journal of Drug Delivery Science and Technology</i> , <b>2019</b> , 54, 101345	4.5	24
65	An arabinogalactan isolated from <i>Boswellia carterii</i> : Purification, structural elucidation and macrophage stimulation via NF- $\kappa$ B and MAPK pathways. <i>Journal of Functional Foods</i> , <b>2019</b> , 52, 450-458	5.1	16
64	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> , <b>2019</b> , 42, e12979	2.4	14
63	<i>Codium fragile</i> F2 sensitize colorectal cancer cells to TRAIL-induced apoptosis via c-FLIP ubiquitination. <i>Biochemical and Biophysical Research Communications</i> , <b>2019</b> , 508, 1-8	3.4	10
62	Effect of different non-conventional extraction methods on the antibacterial and antiviral activity of fucoidans extracted from <i>Nizamuddinina zanardinii</i> . <i>International Journal of Biological Macromolecules</i> , <b>2019</b> , 124, 131-137	7.9	59
61	Purification, structural analysis and mechanism of murine macrophage cell activation by sulfated polysaccharides from <i>Cystoseira indica</i> . <i>Carbohydrate Polymers</i> , <b>2019</b> , 205, 261-270	10.3	30
60	Effect of sulfation and partial hydrolysis of polysaccharides from <i>Polygonatum sibiricum</i> on immune-enhancement. <i>International Journal of Biological Macromolecules</i> , <b>2019</b> , 122, 10-18	7.9	20
59	Antibacterial efficacy of a fucoidan fraction (Fu-F2) extracted from <i>Sargassum polycystum</i> . <i>International Journal of Biological Macromolecules</i> , <b>2019</b> , 125, 485-495	7.9	24
58	Glucuronorhamnoxylan from <i>Capsosiphon fulvescens</i> inhibits the growth of HT-29 human colon cancer cells in vitro and in vivo via induction of apoptotic cell death. <i>International Journal of Biological Macromolecules</i> , <b>2019</b> , 124, 1060-1068	7.9	14
57	Gelation mechanism of polysaccharides from <i>Auricularia auricula-judae</i> . <i>Food Hydrocolloids</i> , <b>2018</b> , 76, 35-41	10.6	16

56	Water-soluble polysaccharides from <i>Ulva intestinalis</i> : Molecular properties, structural elucidation and immunomodulatory activities. <i>Journal of Food and Drug Analysis</i> , <b>2018</b> , 26, 599-608	7	74
55	Isolation and chemical characterization of a novel immunostimulating galactofucan from freshwater <i>Azolla filiculoides</i> . <i>International Journal of Biological Macromolecules</i> , <b>2018</b> , 118, 2082-2091	7.9	7
54	Immuno-enhancement effect of polysaccharide extracted from on cyclophosphamide-induced immunosuppression mice. <i>Food Science and Biotechnology</i> , <b>2018</b> , 27, 565-573	3	5
53	Immune Enhancement Effect of Fatty Acids through NF- $\kappa$ B and MAPK Pathways on RAW 264.7 Cells. <i>Journal of Microbiology and Biotechnology</i> , <b>2018</b> , 28, 349-356	3.3	6
52	Anti-Inflammatory Effect of Fatty Acids through NF- $\kappa$ B and MAPK Pathways against LPS-Stimulated RAW264.7 Cells. <i>Journal of Microbiology and Biotechnology</i> , <b>2018</b> , 28, 1635-1644	3.3	8
51	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> , <b>2018</b> , 53, 994-1004	3.8	20
50	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> , <b>2018</b> , 108, 177-184	7.9	12
49	Purification, molecular properties, structural characterization, and immunomodulatory activities of water soluble polysaccharides from <i>Sargassum angustifolium</i> . <i>International Journal of Biological Macromolecules</i> , <b>2018</b> , 109, 793-802	7.9	49
48	Molecular structures, chemical properties and biological activities of polysaccharide from <i>Smilax glabra</i> rhizome. <i>International Journal of Biological Macromolecules</i> , <b>2018</b> , 120, 1726-1733	7.9	13
47	Structural characterization and RAW264.7 murine macrophage stimulating activity of a fucogalactoglucan from. <i>Journal of Food Science and Technology</i> , <b>2018</b> , 55, 4650-4660	3.3	6
46	Extraction, characterization and immunomodulatory property of pectic polysaccharide from pomegranate peels: Enzymatic vs conventional approach. <i>International Journal of Biological Macromolecules</i> , <b>2018</b> , 116, 698-706	7.9	26
45	Structural effects of sulfated polysaccharides from <i>Codium fragile</i> on NK cell activation and cytotoxicity. <i>International Journal of Biological Macromolecules</i> , <b>2017</b> , 98, 117-124	7.9	39
44	Relationship between molecular weights and biological properties of alginates extracted under different methods from <i>Colpomenia peregrina</i> . <i>Process Biochemistry</i> , <b>2017</b> , 58, 289-297	4.8	30
43	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> , <b>2017</b> , 101, 703-711	7.9	53
42	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> , <b>2017</b> , 99, 539-548	7.9	18
41	Improved immunomodulatory and antioxidant properties of unrefined fucoidans from by hydrolysis. <i>Journal of Food Science and Technology</i> , <b>2017</b> , 54, 4016-4025	3.3	12
40	Characterization and Application of BiLA, a Psychrophilic $\alpha$ -Amylase from <i>Bifidobacterium longum</i> . <i>Journal of Agricultural and Food Chemistry</i> , <b>2016</b> , 64, 2709-18	5.7	11
39	Structural characteristics of polysaccharides extracted from <i>Cladophora glomerata</i> Kützinger affecting nitric oxide releasing capacity of RAW 264.7 cells. <i>Bioactive Carbohydrates and Dietary Fibre</i> , <b>2016</b> , 7, 26-31	3.4	12

38	Structural characterization of sulfated arabinans extracted from <i>Cladophora glomerata</i> Kütz and their macrophage activation. <i>Bioscience, Biotechnology and Biochemistry</i> , <b>2016</b> , 80, 972-82	2.1	17
37	Chemical and rheological properties of polysaccharides from fruit body of <i>Auricularia auricular-judae</i> . <i>Food Hydrocolloids</i> , <b>2016</b> , 57, 30-37	10.6	52
36	RAW264.7 Cell Activating Glucomannans Extracted from Rhizome of. <i>Preventive Nutrition and Food Science</i> , <b>2016</b> , 21, 245-254	2.4	22
35	Characterization and immunomodulatory activities of polysaccharides from <i>Spirogyra neglecta</i> (Hassall) Kütz. <i>Bioscience, Biotechnology and Biochemistry</i> , <b>2015</b> , 79, 1644-53	2.1	14
34	Structure-activity relationships of sulfated glycoproteins from <i>Codium fragile</i> on nitric oxide releasing capacity from RAW264.7 Cells. <i>Marine Biotechnology</i> , <b>2015</b> , 17, 266-76	3.4	30
33	An immune-enhancing water-soluble $\beta$ -glucan from <i>Chlorella vulgaris</i> and structural characteristics. <i>Food Science and Biotechnology</i> , <b>2015</b> , 24, 1933-1941	3	44
32	Sulfated Polysaccharides from Green Seaweeds <b>2015</b> , 941-953		3
31	Antioxidative, hypolipidemic, and anti-inflammatory activities of sulfated polysaccharides from <i>Monostroma nitidum</i> . <i>Food Science and Biotechnology</i> , <b>2015</b> , 24, 199-205	3	35
30	Molecular characterization and immunomodulatory activity of sulfated fucans from <i>Agarum cribrosum</i> . <i>Carbohydrate Polymers</i> , <b>2014</b> , 113, 507-14	10.3	41
29	Water soluble sulfated-fucans with immune-enhancing properties from <i>Ecklonia cava</i> . <i>International Journal of Biological Macromolecules</i> , <b>2014</b> , 67, 303-11	7.9	36
28	Dissolution behaviors of waxy maize amylopectin in aqueous-DMSO solutions containing NaCl and CaCl <sub>2</sub> . <i>Food Hydrocolloids</i> , <b>2014</b> , 35, 115-121	10.6	12
27	Exopolysaccharides from lactic acid bacteria: structural analysis, molecular weight effect on immunomodulation. <i>International Journal of Biological Macromolecules</i> , <b>2014</b> , 68, 233-40	7.9	66
26	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> , <b>2014</b> , 19, 307-13	2.4	6
25	Molecular characteristics and biological activities of anionic macromolecules from <i>Codium fragile</i> . <i>International Journal of Biological Macromolecules</i> , <b>2013</b> , 59, 1-12	7.9	45
24	LPS-induced NO inhibition and antioxidant activities of ethanol extracts and their solvent partitioned fractions from four brown seaweeds. <i>Ocean Science Journal</i> , <b>2013</b> , 48, 349-359	1.1	5
23	Effects of barley and oat $\beta$ -glucan structures on their rheological and thermal characteristics. <i>Carbohydrate Polymers</i> , <b>2012</b> , 89, 1238-43	10.3	29
22	Characterization and immunomodulatory activities of sulfated polysaccharides from <i>Capsosiphon fulvescens</i> . <i>International Journal of Biological Macromolecules</i> , <b>2012</b> , 51, 720-9	7.9	63
21	Structural analysis of immunostimulating sulfated polysaccharides from <i>Ulva pertusa</i> . <i>Carbohydrate Research</i> , <b>2012</b> , 361, 141-7	2.9	60

20	Molecular characteristics and anti-inflammatory activity of the fucoidan extracted from <i>Ecklonia cava</i> . <i>Carbohydrate Polymers</i> , <b>2012</b> , 89, 599-606	10.3	94
19	Radical Scavenging Activity of Ethanol Extracts and Solvent Partitioned Fractions from Various Red Seaweeds. <i>Ocean and Polar Research</i> , <b>2012</b> , 34, 445-451		10
18	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> , <b>2011</b> , 48, 311-8	7.9	77
17	In vitro and in vivo immunomodulatory activity of sulfated polysaccharides from <i>Enteromorpha prolifera</i> . <i>International Journal of Biological Macromolecules</i> , <b>2011</b> , 49, 1051-8	7.9	151
16	Inhibitory effects of fucan sulfates on enzymatic hydrolysis of starch. <i>LWT - Food Science and Technology</i> , <b>2011</b> , 44, 1164-1171	5.4	38
15	SEAWEED EXTRACTS AS A POTENTIAL TOOL FOR THE ATTENUATION OF OXIDATIVE DAMAGE IN OBESITY-RELATED PATHOLOGIES. <i>Journal of Phycology</i> , <b>2011</b> , 47, 548-556	3	29
14	Antioxidant properties of extract and fractions from <i>Enteromorpha prolifera</i> , a type of green seaweed. <i>Food Chemistry</i> , <b>2011</b> , 127, 999-1006	8.5	140
13	Molecular characteristics of water-soluble extracts from <i>Hypsizigus marmoreus</i> and their in vitro growth inhibition of various cancer cell lines and immunomodulatory function in Raw 264.7 cells. <i>Bioscience, Biotechnology and Biochemistry</i> , <b>2011</b> , 75, 891-8	2.1	19
12	Effect of sulfated modification on the molecular characteristics and biological activities of polysaccharides from <i>Hypsizigus marmoreus</i> . <i>Bioscience, Biotechnology and Biochemistry</i> , <b>2010</b> , 74, 1408-14	2.1	37
11	The antioxidant properties of ethanol extracts and their solvent-partitioned fractions from various green seaweeds. <i>Journal of Medicinal Food</i> , <b>2010</b> , 13, 1232-9	2.8	46
10	Molecular characterization and biological activities of watersoluble sulfated polysaccharides from <i>Enteromorpha prolifera</i> . <i>Food Science and Biotechnology</i> , <b>2010</b> , 19, 525-533	3	62
9	Molecular characteristics of partially hydrolyzed fucoidans from sporophyll of <i>Undaria Pinnatifida</i> and their in vitro anticancer activity. <i>Food Chemistry</i> , <b>2010</b> , 119, 554-559	8.5	80
8	Steady and Dynamic Shear Rheology of Fucoidan-Buckwheat Starch Mixtures. <i>Starch/Staerke</i> , <b>2009</b> , 61, 282-290	2.3	19
7	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> , <b>2008</b> , 43, 433-7	7.9	182
6	Determination of physicochemical properties of sulphated fucans from sporophyll of <i>Undaria pinnatifida</i> using light scattering technique. <i>Food Chemistry</i> , <b>2008</b> , 111, 503-7	8.5	47
5	Molecular characteristics of barley starches with variable amylose content. <i>Carbohydrate Polymers</i> , <b>2002</b> , 49, 33-42	10.3	69
4	Molecular Characterization of Corn Starch Using an Aqueous HPSEC-MALLS-RI System Under Various Dissolution and Analytical Conditions. <i>Cereal Chemistry</i> , <b>2000</b> , 77, 303-308	2.4	90
3	Molecular Distribution and Pasting Properties of UV-Irradiated Corn Starches. <i>Starch/Staerke</i> , <b>1999</b> , 51, 126-131	2.3	35



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| 2 | Molecular Characterization of Wheat Amylopectins by Multiangle Laser Light Scattering Analysis. <i>Cereal Chemistry</i> , <b>1999</b> , 76, 116-121  | 2.4 | 37 |
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