

Guang-Li Yu

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.

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|--------------------|-------------------------|----------------|-----------------|
| 115 papers | 3,676 citations | 30 h-index | 58 g-index |
| 119 ext. papers | 4,517 ext. citations | 6.3 avg, IF | 5.51 L-index |

| # | Paper | IF | Citations |
|-----|--|------|-----------|
| 115 | Polysaccharide from edible alga <i>Gloiopeltis furcata</i> attenuates intestinal mucosal damage by therapeutically remodeling the interactions between gut microbiota and mucin O-glycans.. <i>Carbohydrate Polymers</i> , 2022 , 278, 118921 | 10.3 | 1 |
| 114 | Canagliflozin Prevents Lipid Accumulation, Mitochondrial Dysfunction, and Gut Microbiota Dysbiosis in Mice With Diabetic Cardiovascular Disease.. <i>Frontiers in Pharmacology</i> , 2022 , 13, 839640 | 5.6 | 2 |
| 113 | Comparative Proteomic Analysis of Fucosylated Glycoproteins Produced by Under Different Polysaccharide Nutrition Conditions.. <i>Frontiers in Microbiology</i> , 2022 , 13, 826942 | 5.7 | |
| 112 | Sulfated glycosaminoglycans in decellularized placenta matrix as critical regulators for cutaneous wound healing. <i>Acta Biomaterialia</i> , 2021 , 122, 199-210 | 10.8 | 9 |
| 111 | Porphyran-derived oligosaccharides alleviate NAFLD and related cecal microbiota dysbiosis in mice. <i>FASEB Journal</i> , 2021 , 35, e21458 | 0.9 | 1 |
| 110 | Recent progress and advanced technology in carbohydrate-based drug development. <i>Current Opinion in Biotechnology</i> , 2021 , 69, 191-198 | 11.4 | 7 |
| 109 | In Vitro fermentation and isolation of heparin-degrading bacteria from human gut microbiota. <i>Anaerobe</i> , 2021 , 68, 102289 | 2.8 | 2 |
| 108 | Synthesis of Rare 6-Deoxy-d-/l-Heptopyranosyl Fluorides: Assembly of a Hexasaccharide Corresponding to Strain CG8486 Capsular Polysaccharide. <i>Journal of the American Chemical Society</i> , 2021 , 143, 11171-11179 | 16.4 | 1 |
| 107 | Fermentation of alginate and its derivatives by different enterotypes of human gut microbiota: Towards personalized nutrition using enterotype-specific dietary fibers. <i>International Journal of Biological Macromolecules</i> , 2021 , 183, 1649-1659 | 7.9 | 7 |
| 106 | Fucoidan-Supplemented Diet Potentiates Immune Checkpoint Blockage by Enhancing Antitumor Immunity. <i>Frontiers in Cell and Developmental Biology</i> , 2021 , 9, 733246 | 5.7 | 5 |
| 105 | Carrageenan oligosaccharides and associated carrageenan-degrading bacteria induce intestinal inflammation in germ-free mice. <i>Journal of Genetics and Genomics</i> , 2021 , 48, 815-824 | 4 | 2 |
| 104 | Dietary Polysaccharide from Attenuates Obesity and Increases the Intestinal Abundance of Butyrate-Producing Bacterium, , in Mice Fed a High-Fat Diet. <i>Polymers</i> , 2021 , 13, | 4.5 | 5 |
| 103 | Highly sialylated mucin-type glycopeptide from porcine intestinal mucosa after heparin extraction: O-glycan profiling and immunological activity evaluation. <i>Glycoconjugate Journal</i> , 2021 , 38, 527-537 | 3 | 1 |
| 102 | Comparison of Different Labeling Techniques for the LC-MS Profiling of Human Milk Oligosaccharides. <i>Frontiers in Chemistry</i> , 2021 , 9, 691299 | 5 | 0 |
| 101 | In vitro fermentation of hyaluronan by human gut microbiota: Changes in microbiota community and potential degradation mechanism. <i>Carbohydrate Polymers</i> , 2021 , 269, 118313 | 10.3 | 4 |
| 100 | Odd-numbered agaro-oligosaccharides alleviate type 2 diabetes mellitus and related colonic microbiota dysbiosis in mice. <i>Carbohydrate Polymers</i> , 2020 , 240, 116261 | 10.3 | 18 |
| 99 | Protective effect of d-tetramannuronic acid tetrasodium salt on UVA-induced photo-aging in HaCaT cells. <i>Biomedicine and Pharmacotherapy</i> , 2020 , 126, 110094 | 7.5 | 8 |

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| 98 | End-functionalised glycopolymers as glycosaminoglycan mimetics inhibit HeLa cell proliferation. <i>Polymer Chemistry</i> , 2020 , 11, 4714-4722 | 4.9 | 3 |
| 97 | Mass spectrometric evidence for the mechanism of free-radical depolymerization of various types of glycosaminoglycans. <i>Carbohydrate Polymers</i> , 2020 , 233, 115847 | 10.3 | 3 |
| 96 | Protective Effect of L-Hexaguluroic Acid Hexasodium Salt on UVA-Induced Photo-Aging in HaCaT Cells. <i>International Journal of Molecular Sciences</i> , 2020 , 21, | 6.3 | 4 |
| 95 | Purification, structural characterization, and immunomodulatory activity of the polysaccharides from <i>Ganoderma lucidum</i> . <i>International Journal of Biological Macromolecules</i> , 2020 , 143, 806-813 | 7.9 | 41 |
| 94 | Anti-diabetic activities of agarpectin-derived oligosaccharides from <i>Gloiopeltis furcata</i> via regulation of mitochondrial function. <i>Carbohydrate Polymers</i> , 2020 , 229, 115482 | 10.3 | 8 |
| 93 | Collaborative assembly of doxorubicin and galactosyl diblock glycopolymers for targeted drug delivery of hepatocellular carcinoma. <i>Biomaterials Science</i> , 2020 , 8, 189-200 | 7.4 | 11 |
| 92 | Fucoidan from sea cucumber <i>Holothuria polii</i> : Structural elucidation and stimulation of hematopoietic activity. <i>International Journal of Biological Macromolecules</i> , 2020 , 154, 1123-1131 | 7.9 | 15 |
| 91 | Two different fucosylated chondroitin sulfates: Structural elucidation, stimulating hematopoiesis and immune-enhancing effects. <i>Carbohydrate Polymers</i> , 2020 , 230, 115698 | 10.3 | 13 |
| 90 | Fucoidan from Suppresses Postprandial Hyperglycemia by Inhibiting Na/Glucose Cotransporter 1 Activity. <i>Marine Drugs</i> , 2020 , 18, | 6 | 2 |
| 89 | Haimufang decoction, a Chinese medicine formula for lung cancer, arrests cell cycle, stimulates apoptosis in NCI-H1975 cells, and induces M1 polarization in RAW 264.7 macrophage cells. <i>BMC Complementary Medicine and Therapies</i> , 2020 , 20, 243 | 2.9 | 5 |
| 88 | Photoprotective effect of <i>Astragalus membranaceus</i> polysaccharide on UVA-induced damage in HaCaT cells. <i>PLoS ONE</i> , 2020 , 15, e0235515 | 3.7 | 5 |
| 87 | Photoprotective effect of <i>Astragalus membranaceus</i> polysaccharide on UVA-induced damage in HaCaT cells 2020 , 15, e0235515 | | |
| 86 | Photoprotective effect of <i>Astragalus membranaceus</i> polysaccharide on UVA-induced damage in HaCaT cells 2020 , 15, e0235515 | | |
| 85 | Photoprotective effect of <i>Astragalus membranaceus</i> polysaccharide on UVA-induced damage in HaCaT cells 2020 , 15, e0235515 | | |
| 84 | Photoprotective effect of <i>Astragalus membranaceus</i> polysaccharide on UVA-induced damage in HaCaT cells 2020 , 15, e0235515 | | |
| 83 | Anti-Metabolic Syndrome Effects of Fucoidan from via Reactive Oxygen Species-Mediated Regulation of JNK, Akt, and AMPK Signaling. <i>Molecules</i> , 2019 , 24, | 4.8 | 12 |
| 82 | Carbohydrate microarray-based analysis of specific interactions between saccharides from algin and influenza A viral hemagglutinin. <i>Analytical Methods</i> , 2019 , 11, 3641-3647 | 3.2 | 1 |
| 81 | A β 1,3/1,6-glucan from <i>Durvillaea Antarctica</i> inhibits tumor progression in vivo as an immune stimulator. <i>Carbohydrate Polymers</i> , 2019 , 222, 114993 | 10.3 | 12 |

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| 80 | Fabrication of carbohydrate microarrays on poly(2-hydroxyethyl methacrylate)-cyanuric chloride-modified substrates for the analysis of carbohydrate-lectin interactions. <i>New Journal of Chemistry</i> , 2019 , 43, 9145-9151 | 3.6 | 3 |
| 79 | Alkaline Extraction, Structural Characterization, and Bioactivities of (1-6)- β -D-Glucan from. <i>Molecules</i> , 2019 , 24, | 4.8 | 11 |
| 78 | Concise chemoenzymatic synthesis of heparan sulfate analogues as potent BACE-1 inhibitors. <i>Carbohydrate Polymers</i> , 2019 , 217, 232-239 | 10.3 | 4 |
| 77 | Comprehensive N-Glycome Profiling of Cells and Tissues for Breast Cancer Diagnosis. <i>Journal of Proteome Research</i> , 2019 , 18, 2559-2570 | 5.6 | 16 |
| 76 | Extraction, isolation and structural characterization of a novel polysaccharide from <i>Cyclocarya paliurus</i> . <i>International Journal of Biological Macromolecules</i> , 2019 , 132, 864-870 | 7.9 | 18 |
| 75 | Profiling and Structural Characterization of High Neu5Gc or Sulfate-containing O-glycans from Hyla Rabbit Intestinal Mucin. <i>Molecules</i> , 2019 , 24, | 4.8 | 3 |
| 74 | Marine glycan-based antiviral agents in clinical or preclinical trials. <i>Reviews in Medical Virology</i> , 2019 , 29, e2043 | 11.7 | 15 |
| 73 | Gangliosides profiling in serum of breast cancer patient: GM3 as a potential diagnostic biomarker. <i>Glycoconjugate Journal</i> , 2019 , 36, 419-428 | 3 | 16 |
| 72 | Recent Advances in Pharmaceutical Potential of Brown Algal Polysaccharides and their Derivatives. <i>Current Pharmaceutical Design</i> , 2019 , 25, 1290-1311 | 3.3 | 13 |
| 71 | Chemoenzymatic Synthesis of Heparan Sulfate Mimetic Glycopolymers and Their Interactions with the Receptor for Advanced Glycation End-Product. <i>ACS Macro Letters</i> , 2019 , 8, 1570-1574 | 6.6 | 8 |
| 70 | Synthesis of Fucoidan-Mimetic Glycopolymers with Well-Defined Sulfation Patterns via Emulsion Ring-Opening Metathesis Polymerization. <i>ACS Macro Letters</i> , 2018 , 7, 330-335 | 6.6 | 18 |
| 69 | Modulating Cell-Surface Receptor Signaling and Ion Channel Functions by In Situ Glycan Editing. <i>Angewandte Chemie</i> , 2018 , 130, 979-983 | 3.6 | 1 |
| 68 | Modulating Cell-Surface Receptor Signaling and Ion Channel Functions by In Situ Glycan Editing. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 967-971 | 16.4 | 16 |
| 67 | Marine polysaccharides attenuate metabolic syndrome by fermentation products and altering gut microbiota: An overview. <i>Carbohydrate Polymers</i> , 2018 , 195, 601-612 | 10.3 | 59 |
| 66 | Glycosaminoglycanomic profiling of human milk in different stages of lactation by liquid chromatography-tandem mass spectrometry. <i>Food Chemistry</i> , 2018 , 258, 231-236 | 8.5 | 7 |
| 65 | A β -glucan from <i>Durvillaea Antarctica</i> has immunomodulatory effects on RAW264.7 macrophages via toll-like receptor 4. <i>Carbohydrate Polymers</i> , 2018 , 191, 255-265 | 10.3 | 38 |
| 64 | Gut microbiota fermentation of marine polysaccharides and its effects on intestinal ecology: An overview. <i>Carbohydrate Polymers</i> , 2018 , 179, 173-185 | 10.3 | 112 |
| 63 | Structural Characterization and Interaction with RCA of a Highly Sulfated Keratan Sulfate from Blue Shark (<i>Prionace glauca</i>) Cartilage. <i>Marine Drugs</i> , 2018 , 16, | 6 | 3 |

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| 62 | Dietary Polysaccharide from Modulates Gut Microbiota and Promotes the Growth of , spp. and spp. <i>Marine Drugs</i> , 2018 , 16, | 6 | 30 |
| 61 | A novel structural fucosylated chondroitin sulfate from <i>Holothuria Mexicana</i> and its effects on growth factors binding and anticoagulation. <i>Carbohydrate Polymers</i> , 2018 , 181, 1160-1168 | 10.3 | 51 |
| 60 | Chitosan-Based Nanomaterials for Drug Delivery. <i>Molecules</i> , 2018 , 23, | 4.8 | 180 |
| 59 | Structural characterization and anti-thrombotic properties of fucoidan from <i>Nemacystus decipiens</i> . <i>International Journal of Biological Macromolecules</i> , 2018 , 120, 1817-1822 | 7.9 | 17 |
| 58 | The mechanisms of sulfated polysaccharide drug of propylene glycol alginate sodium sulfate (PSS) on bleeding side effect. <i>Carbohydrate Polymers</i> , 2018 , 194, 365-374 | 10.3 | 10 |
| 57 | Inhibition of Influenza A Virus Infection by Fucoidan Targeting Viral Neuraminidase and Cellular EGFR Pathway. <i>Scientific Reports</i> , 2017 , 7, 40760 | 4.9 | 70 |
| 56 | Structure and immunomodulatory activity of a sulfated agarose with pyruvate and xylose substitutes from <i>Polysiphonia senticulosa</i> Harvey. <i>Carbohydrate Polymers</i> , 2017 , 176, 29-37 | 10.3 | 17 |
| 55 | Microwave-assisted synthesis of glycopolymers by ring-opening metathesis polymerization (ROMP) in an emulsion system. <i>Polymer Chemistry</i> , 2017 , 8, 6709-6719 | 4.9 | 24 |
| 54 | Carrageenan-induced colitis is associated with decreased population of anti-inflammatory bacterium, <i>Akkermansia muciniphila</i> , in the gut microbiota of C57BL/6J mice. <i>Toxicology Letters</i> , 2017 , 279, 87-95 | 4.4 | 93 |
| 53 | Polyguluronate sulfate and its oligosaccharides but not heparin promotes FGF19/FGFR1c signaling. <i>Journal of Ocean University of China</i> , 2017 , 16, 532-536 | 1 | 4 |
| 52 | Spongy bilayer dressing composed of chitosan-Ag nanoparticles and chitosan-Bletilla striata polysaccharide for wound healing applications. <i>Carbohydrate Polymers</i> , 2017 , 157, 1538-1547 | 10.3 | 113 |
| 51 | Dietary fucoidan improves metabolic syndrome in association with increased <i>Akkermansia</i> population in the gut microbiota of high-fat diet-fed mice. <i>Journal of Functional Foods</i> , 2017 , 28, 138-146 ^{5.1} | 5.1 | 141 |
| 50 | Degradation of Marine Algae-Derived Carbohydrates by Bacteroidetes Isolated from Human Gut Microbiota. <i>Marine Drugs</i> , 2017 , 15, | 6 | 47 |
| 49 | Structural modulation of gut microbiota by chondroitin sulfate and its oligosaccharide. <i>International Journal of Biological Macromolecules</i> , 2016 , 89, 489-98 | 7.9 | 46 |
| 48 | Low anticoagulant heparin oligosaccharides as inhibitors of BACE-1, the Alzheimer's Secretase. <i>Carbohydrate Polymers</i> , 2016 , 151, 51-59 | 10.3 | 11 |
| 47 | Dietary fucoidan modulates the gut microbiota in mice by increasing the abundance of <i>Lactobacillus</i> and <i>Ruminococcaceae</i> . <i>Food and Function</i> , 2016 , 7, 3224-32 | 6.1 | 180 |
| 46 | Degradation of chondroitin sulfate by the gut microbiota of Chinese individuals. <i>International Journal of Biological Macromolecules</i> , 2016 , 86, 112-8 | 7.9 | 40 |
| 45 | Study on quality control of sulfated polysaccharide drug, propylene glycol alginate sodium sulfate (PSS). <i>Carbohydrate Polymers</i> , 2016 , 144, 330-7 | 10.3 | 24 |

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| 44 | Anti-HBV activity and mechanism of marine-derived polyguluronate sulfate (PGS) in vitro. <i>Carbohydrate Polymers</i> , 2016 , 143, 139-48 | 10.3 | 28 |
| 43 | In Vitro fermentation of alginate and its derivatives by human gut microbiota. <i>Anaerobe</i> , 2016 , 39, 19-25 | 2.8 | 54 |
| 42 | Biosorption of lead from aqueous solutions by ion-imprinted tetraethylenepentamine modified chitosan beads. <i>International Journal of Biological Macromolecules</i> , 2016 , 86, 562-9 | 7.9 | 43 |
| 41 | In vitro and in vivo hypoglycemic effects of brown algal fucoidans. <i>International Journal of Biological Macromolecules</i> , 2016 , 82, 249-55 | 7.9 | 90 |
| 40 | Dietary Keratan Sulfate from Shark Cartilage Modulates Gut Microbiota and Increases the Abundance of Lactobacillus spp. <i>Marine Drugs</i> , 2016 , 14, | 6 | 23 |
| 39 | Synthesis and Anti-Influenza A Virus Activity of 6Amino-6Deoxy-glucoglycerolipids Analogs. <i>Marine Drugs</i> , 2016 , 14, | 6 | 6 |
| 38 | In Vivo Anti-Cancer Mechanism of Low-Molecular-Weight Fucosylated Chondroitin Sulfate (LFCS) from Sea Cucumber <i>Cucumaria frondosa</i> . <i>Molecules</i> , 2016 , 21, | 4.8 | 37 |
| 37 | Antithrombotic activities of fucosylated chondroitin sulfates and their depolymerized fragments from two sea cucumbers. <i>Carbohydrate Polymers</i> , 2016 , 152, 343-350 | 10.3 | 44 |
| 36 | Polysaccharides purified from wild Cordyceps activate FGF2/FGFR1c signaling. <i>Journal of Ocean University of China</i> , 2015 , 14, 171-177 | 1 | 3 |
| 35 | Adsorptive removal of patulin from aqueous solution using thiourea modified chitosan resin. <i>International Journal of Biological Macromolecules</i> , 2015 , 80, 520-8 | 7.9 | 26 |
| 34 | Structural Study of Sulfated Fuco-Oligosaccharide Branched Glucuronomannan from <i>Kjellmaniella crassifolia</i> by ESI-CID-MS/MS. <i>Journal of Carbohydrate Chemistry</i> , 2015 , 34, 303-317 | 1.7 | 15 |
| 33 | Preparation of Fucara-oligosaccharides with microwave assisted acid hydrolysis method. <i>Journal of Ocean University of China</i> , 2015 , 14, 345-349 | 1 | 5 |
| 32 | Unravelling glucan recognition systems by glycome microarrays using the designer approach and mass spectrometry. <i>Molecular and Cellular Proteomics</i> , 2015 , 14, 974-88 | 7.6 | 42 |
| 31 | Total Synthesis of Myrmekioside A, a Mono-O-alkyl-diglycosylglycerol from Marine Sponge <i>Myrmekioderma</i> sp.. <i>European Journal of Organic Chemistry</i> , 2015 , 2015, 4246-4253 | 3.2 | 8 |
| 30 | Acetylated chitosan oligosaccharides act as antagonists against glutamate-induced PC12 cell death via Bcl-2/Bax signal pathway. <i>Marine Drugs</i> , 2015 , 13, 1267-89 | 6 | 27 |
| 29 | Extraction, Isolation, Structural Characterization and Anti-Tumor Properties of an Apigalacturonan-Rich Polysaccharide from the Sea Grass <i>Zostera caespitosa</i> Miki. <i>Marine Drugs</i> , 2015 , 13, 3710-31 | 6 | 19 |
| 28 | OM2, a Novel Oligomannuronate-Chromium(III) Complex, Promotes Mitochondrial Biogenesis and Lipid Metabolism in 3T3-L1 Adipocytes via the AMPK-PGC1 α Pathway. <i>PLoS ONE</i> , 2015 , 10, e0131930 | 3.7 | 17 |
| 27 | Activated AMPK explains hypolipidemic effects of sulfated low molecular weight guluronate on HepG2 cells. <i>European Journal of Medicinal Chemistry</i> , 2014 , 85, 304-10 | 6.8 | 15 |

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| 26 | Acidolysis-based component mapping of glycosaminoglycans by reversed-phase high-performance liquid chromatography with off-line electrospray ionization-tandem mass spectrometry: evidence and tags to distinguish different glycosaminoglycans. <i>Analytical Biochemistry</i> , 2014 , 465, 63-9 | 3.1 | 15 |
| 25 | Preparation, characterization and pharmacokinetics of fluorescence labeled propylene glycol alginate sodium sulfate. <i>Journal of Ocean University of China</i> , 2014 , 13, 683-690 | 1 | 8 |
| 24 | Salinity-induced anti-angiogenesis activities and structural changes of the polysaccharides from cultured Cordyceps Militaris. <i>PLoS ONE</i> , 2014 , 9, e103880 | 3.7 | 14 |
| 23 | Total synthesis and structure-activity relationship of glyco glycerolipids from marine organisms. <i>Marine Drugs</i> , 2014 , 12, 3634-59 | 6 | 33 |
| 22 | Applications of mass spectrometry to structural analysis of marine oligosaccharides. <i>Marine Drugs</i> , 2014 , 12, 4005-30 | 6 | 25 |
| 21 | Fucoidans as a platform for new anticoagulant drugs discovery. <i>Pure and Applied Chemistry</i> , 2014 , 86, 1365-1375 | 2.1 | 18 |
| 20 | Determination of M/G ratio of propylene glycol alginate sodium sulfate by HPLC with pre-column derivatization. <i>Carbohydrate Polymers</i> , 2014 , 104, 23-8 | 10.3 | 23 |
| 19 | Isolation and characterization of an agaro-oligosaccharide (AO)-hydrolyzing bacterium from the gut microflora of Chinese individuals. <i>PLoS ONE</i> , 2014 , 9, e91106 | 3.7 | 44 |
| 18 | Adsorption of heavy metal ions, dyes and proteins by chitosan composites and derivatives [A review]. <i>Journal of Ocean University of China</i> , 2013 , 12, 500-508 | 1 | 72 |
| 17 | An HPLC method for microanalysis and pharmacokinetics of marine sulfated polysaccharide PSS-loaded poly lactic-co-glycolic acid (PLGA) nanoparticles in rat plasma. <i>Marine Drugs</i> , 2013 , 11, 1113-25 | 6 | 13 |
| 16 | Natural Polymers with Antioxidant Properties: Poly-/oligosaccharides of Marine Origin 2012 , 179-201 | | 1 |
| 15 | Structural characterization of natural ideal 6-O-sulfated agarose from red alga <i>Gloiopeltis furcata</i> . <i>Carbohydrate Polymers</i> , 2012 , 89, 883-9 | 10.3 | 19 |
| 14 | Structural and compositional characteristics of hybrid carrageenans from red algae <i>Chondracanthus chamissoi</i> . <i>Carbohydrate Polymers</i> , 2012 , 89, 914-9 | 10.3 | 21 |
| 13 | Analysis of structural heterogeneity of fucoidan from <i>Hizikia fusiforme</i> by ES-CID-MS/MS. <i>Carbohydrate Polymers</i> , 2012 , 90, 602-7 | 10.3 | 44 |
| 12 | Structure and anti-influenza A (H1N1) virus activity of three polysaccharides from <i>Eucheuma denticulatum</i> . <i>Journal of Ocean University of China</i> , 2012 , 11, 527-532 | 1 | 6 |
| 11 | Properties of polysaccharides in several seaweeds from Atlantic Canada and their potential anti-influenza viral activities. <i>Journal of Ocean University of China</i> , 2012 , 11, 205-212 | 1 | 52 |
| 10 | Microanalysis of oligosaccharide HS203 in beagle dog plasma by postcolumn fluorescence derivatization method. <i>Carbohydrate Polymers</i> , 2012 , 89, 661-6 | 10.3 | 8 |
| 9 | Chemical structures and bioactivities of sulfated polysaccharides from marine algae. <i>Marine Drugs</i> , 2011 , 9, 196-223 | 6 | 688 |

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| 8 | Specificities of Ricinus communis agglutinin 120 interaction with sulfated galactose. <i>FEBS Letters</i> , 2011 , 585, 3927-34 | 3.8 | 20 |
| 7 | Comparison of structures and anticoagulant activities of fucosylated chondroitin sulfates from different sea cucumbers. <i>Carbohydrate Polymers</i> , 2011 , 83, 688-696 | 10.3 | 196 |
| 6 | Effect and limitation of excess ammonium on the release of O-glycans in reducing forms from glycoproteins under mild alkaline conditions for glycomic and functional analysis. <i>Analytical Chemistry</i> , 2010 , 82, 9534-42 | 7.8 | 35 |
| 5 | Extraction, isolation and structural characterization of polysaccharides from a red alga <i>Gloiopeltis furcata</i> . <i>Journal of Ocean University of China</i> , 2010 , 9, 193-197 | 1 | 26 |
| 4 | SEQUENCE AND STRUCTURAL ANALYSIS OF CARRAGEENAN-DERIVED OLIGOSACCHARIDES BY TWO-DIMENSIONAL NUCLEAR MAGNETIC RESONANCE1. <i>Journal of Phycology</i> , 2010 , 46, 831-838 | 3 | 3 |
| 3 | Sequence determination of a non-sulfated glycosaminoglycan-like polysaccharide from melanin-free ink of the squid <i>Ommastrephes bartrami</i> by negative-ion electrospray tandem mass spectrometry and NMR spectroscopy. <i>Glycoconjugate Journal</i> , 2008 , 25, 481-92 | 3 | 48 |
| 2 | Sequence determination of sulfated carrageenan-derived oligosaccharides by high-sensitivity negative-ion electrospray tandem mass spectrometry. <i>Analytical Chemistry</i> , 2006 , 78, 8499-505 | 7.8 | 63 |
| 1 | Ultrasensitive Capillary Electrophoresis of Oligoguluronates with Laser-Induced Fluorescence Detection. <i>Chromatographia</i> , 2005 , 61, 615-618 | 2.1 | 5 |