

Chun-Xia Li

List of Publications by Year in descending order

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48
papers

958
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430754

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1405
citing authors

#	ARTICLE	IF	CITATIONS
1	The inhibition effects and mechanisms of sulfated chitooligosaccharides on influenza A virus in vitro and in vivo. <i>Carbohydrate Polymers</i> , 2022, 286, 119316.	5.1	6
2	Low molecular-weight polyguluronate phosphate: An immunostimulant by activating splenocyte/macrophage in vitro and improving immune response in vivo. <i>International Journal of Biological Macromolecules</i> , 2022, 216, 510-519.	3.6	1
3	Siglec-15 recognition of sialoglycans on tumor cell lines can occur independently of sialyl Tn antigen expression. <i>Glycobiology</i> , 2021, 31, 44-54.	1.3	19
4	Preparation and Evaluation of a Self-Nanoemulsifying Drug Delivery System Loaded with Heparin Phospholipid Complex. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4077.	1.8	7
5	Noncovalent microarrays from synthetic amino-terminating glycans: Implications in expanding glycan microarray diversity and platform comparison. <i>Glycobiology</i> , 2021, 31, 931-946.	1.3	6
6	A Novel PTP1B Inhibitor-Phosphate of Polymannuronic Acid Ameliorates Insulin Resistance by Regulating IRS-1/Akt Signaling. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12693.	1.8	14
7	Realization of an Optical Thermometer via Structural Confinement and Energy Transfer. <i>Inorganic Chemistry</i> , 2021, 60, 19315-19327.	1.9	19
8	Effects and mechanisms of PSS-loaded nanoparticles on coronary microcirculation dysfunction in streptozotocin-induced diabetic cardiomyopathy rats. <i>Biomedicine and Pharmacotherapy</i> , 2020, 121, 109280.	2.5	14
9	The inhibitory effects and mechanisms of polymannuroguluronate sulfate against human papillomavirus infection in vitro and in vivo. <i>Carbohydrate Polymers</i> , 2020, 241, 116365.	5.1	11
10	Sulfated polymannuroguluronate TGC161 ameliorates leukopenia by inhibiting CD4+ T cell apoptosis. <i>Carbohydrate Polymers</i> , 2020, 247, 116728.	5.1	9
11	A pH-sensitive nanotherapeutic system based on a marine sulfated polysaccharide for the treatment of metastatic breast cancer through combining chemotherapy and COX-2 inhibition. <i>Acta Biomaterialia</i> , 2019, 99, 412-425.	4.1	27
12	Structure-activity relationship of propylene glycol alginate sodium sulfate derivatives for blockade of selectins binding to tumor cells. <i>Carbohydrate Polymers</i> , 2019, 210, 225-233.	5.1	15
13	The Inhibitory Effect of Propylene Glycol Alginate Sodium Sulfate on Fibroblast Growth Factor 2-Mediated Angiogenesis and Invasion in Murine Melanoma B16-F10 Cells In Vitro. <i>Marine Drugs</i> , 2019, 17, 257.	2.2	6
14	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.	2.3	24
15	Propylene glycol guluronate sulfate (PGGS) reduces lipid accumulation via AMP-activated kinase activation in palmitate-induced HepG2 cells. <i>International Journal of Biological Macromolecules</i> , 2018, 114, 26-34.	3.6	14
16	Development of an enteric nanoparticle of marine sulfated polysaccharide propylene glycol alginate sodium sulfate for oral administration: formulation design, pharmacokinetics and efficacy. <i>Journal of Pharmacy and Pharmacology</i> , 2018, 70, 740-748.	1.2	13
17	SAPAP4 Deletion Causes Synaptic Dysfunction in the nucleus accumbens. <i>Biochemical and Biophysical Research Communications</i> , 2018, 505, 1223-1227.	1.0	1
18	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.	5.1	18

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19	Histone Deacetylase Inhibitor Alleviates the Neurodegenerative Phenotypes and Histone Dysregulation in Presenilins-Deficient Mice. <i>Frontiers in Aging Neuroscience</i> , 2018, 10, 137.	1.7	28
20	Novel monoclonal antibody L2A5 specifically targeting sialyl-Tn and short glycans terminated by alpha-2-6 sialic acids. <i>Scientific Reports</i> , 2018, 8, 12196.	1.6	29
21	Microwave-assisted synthesis of glycopolymers by ring-opening metathesis polymerization (ROMP) in an emulsion system. <i>Polymer Chemistry</i> , 2017, 8, 6709-6719.	1.9	29
22	The heparin-like activities of negatively charged derivatives of low-molecular-weight polymannuronate and polyguluronate. <i>Carbohydrate Polymers</i> , 2017, 155, 313-320.	5.1	27
23	Synthesis and Anti-Influenza A Virus Activity of 6- ² -amino-6- ² -deoxy-glucoglycerolipids Analogs. <i>Marine Drugs</i> , 2016, 14, 116.	2.2	6
24	Study on quality control of sulfated polysaccharide drug, propylene glycol alginate sodium sulfate (PSS). <i>Carbohydrate Polymers</i> , 2016, 144, 330-337.	5.1	34
25	Anticoagulant and antithrombotic activities of low-molecular-weight propylene glycol alginate sodium sulfate (PSS). <i>European Journal of Medicinal Chemistry</i> , 2016, 114, 33-40.	2.6	55
26	In vitro and in vivo hypoglycemic effects of brown algal fucoidans. <i>International Journal of Biological Macromolecules</i> , 2016, 82, 249-255.	3.6	114
27	Total Synthesis of Myrmekioside A, a Monoalkyl diglycosylglycerol from Marine Sponge <i>Myrmekioderma</i> sp.. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 4246-4253.	1.2	8
28	Acetylated Chitosan Oligosaccharides Act as Antagonists against Glutamate-Induced PC12 Cell Death via Bcl-2/Bax Signal Pathway. <i>Marine Drugs</i> , 2015, 13, 1267-1289.	2.2	38
29	Total Synthesis of Sulfated Glycosphingolipid SM1a, a Kind of Human Epithelial Carcinoma Antigen. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 570-583.	1.2	5
30	Total Synthesis and Structure-Activity Relationship of Glycoglycerolipids from Marine Organisms. <i>Marine Drugs</i> , 2014, 12, 3634-3659.	2.2	41
31	Fucoidans as a platform for new anticoagulant drugs discovery. <i>Pure and Applied Chemistry</i> , 2014, 86, 1365-1375.	0.9	24
32	Determination of M/G ratio of propylene glycol alginate sodium sulfate by HPLC with pre-column derivatization. <i>Carbohydrate Polymers</i> , 2014, 104, 23-28.	5.1	28
33	Modulation of Lipid Metabolism by Deep-Sea Water in Cultured Human Liver (HepG2) Cells. <i>Marine Biotechnology</i> , 2014, 16, 219-229.	1.1	13
34	Preparation, characterization and pharmacokinetics of fluorescence labeled propylene glycol alginate sodium sulfate. <i>Journal of Ocean University of China</i> , 2014, 13, 683-690.	0.6	11
35	Photocrosslinkable bioadhesive based on dextran and PEG derivatives. <i>Materials Science and Engineering C</i> , 2014, 35, 300-306.	3.8	31
36	Performance enhancement of GaN-based light-emitting diodes by surface plasmon coupling and scattering grating. <i>Journal of Materials Science</i> , 2013, 48, 5673-5679.	1.7	6

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37	Preparation, characterization and antioxidant activities of polymannuronic acid phosphate, H-phosphonate and sulfate. <i>International Journal of Biological Macromolecules</i> , 2013, 62, 281-286.	3.6	23
38	Theoretical studies on transforming a GaN semiconductor into a photonic crystal under a periodic external magnetic field. <i>Journal of Materials Science</i> , 2013, 48, 1147-1152.	1.7	3
39	Synthesis and antiviral evaluation of 6 α -acetylamido-6 α -deoxy- β -D-mannoglycerolipids. <i>Carbohydrate Research</i> , 2013, 381, 74-82.	1.1	8
40	What depth should deep-sea water be pumped up from in the South China Sea for medicinal research?. <i>Journal of Ocean University of China</i> , 2013, 12, 134-138.	0.6	3
41	Synthesis of 6 α -acetylamido-6 α -deoxy- β -D-galactoglycerolipids. <i>Carbohydrate Research</i> , 2013, 376, 15-23.	1.1	19
42	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, 1113-1125.	2.2	16
43	Synthesis of glycolipid of 1,2-dipalmitoyl-3-(N-palmitoyl-6 α -amino-6 α -deoxy- β -D-glucosyl)-sn-glycerol and its analogues, inhibitors of human Myt1-kinase. <i>Carbohydrate Research</i> , 2012, 355, 6-12.	1.1	13
44	Preparation and anti-influenza A virus activity of β -carrageenan oligosaccharide and its sulphated derivatives. <i>Food Chemistry</i> , 2012, 133, 880-888.	4.2	89
45	Synthesis of Natural 6-Dehydroxy-6-aminoglycolipids. <i>Chinese Journal of Chemistry</i> , 2008, 26, 1641-1646.	2.6	10
46	Synthesis of Two Natural Oleanolic Acid Saponins. <i>Chinese Journal of Chemistry</i> , 2006, 24, 509-517.	2.6	8
47	Semi-synthesis of Several Stigmasterol Saponins. <i>Chinese Journal of Chemistry</i> , 2006, 24, 917-922.	2.6	9
48	Synthesis of an Ursolic Acid Saponin with N-Acetylglucosamine-containing Trisaccharide Residue. <i>Chinese Journal of Chemistry</i> , 2006, 24, 1421-1426.	2.6	6