

# Wei Liu

## 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.

35  
papers

1,282  
citations

20  
h-index

35  
g-index

35  
ext. papers

1,521  
ext. citations

7.3  
avg, IF

4.33  
L-index

#	Paper	IF	Citations
35	Fragments of a pectin from <i>Arctium lappa</i> L: Molecular properties and intestinal regulation activity. <i>Journal of Functional Foods</i> , <b>2022</b> , 88, 104900	5.1	0
34	Anti-inflammatory effects of a SERP 30 polysaccharide from the residue of <i>Sarcandra glabra</i> against lipopolysaccharide-induced acute respiratory distress syndrome in mice.. <i>Journal of Ethnopharmacology</i> , <b>2022</b> , 293, 115262	5	0
33	Combination of polysaccharides from <i>Astragalus membranaceus</i> and <i>Codonopsis pilosula</i> ameliorated mice colitis and underlying mechanisms. <i>Journal of Ethnopharmacology</i> , <b>2021</b> , 264, 113280	5	20
32	Enhanced antitumor activity of inulin-capped Se nanoparticles synthesized using Jerusalem artichoke tubers. <i>Glycoconjugate Journal</i> , <b>2021</b> , 38, 599-607	3	0
31	A purified acidic polysaccharide from <i>Sarcandra glabra</i> as vaccine adjuvant to enhance anti-tumor effect of cancer vaccine. <i>Carbohydrate Polymers</i> , <b>2021</b> , 263, 117967	10.3	2
30	Burdock Fructooligosaccharide Attenuates High Glucose-Induced Apoptosis and Oxidative Stress Injury in Renal Tubular Epithelial Cells.. <i>Frontiers in Pharmacology</i> , <b>2021</b> , 12, 784187	5.6	3
29	Bioactive structural basis of proteoglycans from <i>Sarcandra glabra</i> based on spectrum-effect relationship. <i>Journal of Ethnopharmacology</i> , <b>2020</b> , 259, 112941	5	8
28	Structural characterization and rheological properties of a pectin with anti-constipation activity from the roots of <i>Arctium lappa</i> L. <i>Carbohydrate Polymers</i> , <b>2019</b> , 215, 119-129	10.3	17
27	Chemical and rheological properties of proteoglycans from <i>Sarcandra glabra</i> (Thunb.) Nakai. <i>International Journal of Biological Macromolecules</i> , <b>2019</b> , 132, 641-650	7.9	8
26	Multiple fingerprint profiles and chemometrics analysis of polysaccharides from <i>Sarcandra glabra</i> . <i>International Journal of Biological Macromolecules</i> , <b>2019</b> , 123, 957-967	7.9	24
25	A polysaccharide extracted from <i>Astragalus membranaceus</i> residue improves cognitive dysfunction by altering gut microbiota in diabetic mice. <i>Carbohydrate Polymers</i> , <b>2019</b> , 205, 500-512	10.3	46
24	Characterization and hypoglycemic effect of a neutral polysaccharide extracted from the residue of <i>Codonopsis Pilosula</i> . <i>Carbohydrate Polymers</i> , <b>2018</b> , 197, 215-226	10.3	38
23	Preparation, characterization, and $\alpha$ -glucosidase inhibition activity of a carboxymethylated polysaccharide from the residue of <i>Sarcandra glabra</i> (Thunb.) Nakai. <i>International Journal of Biological Macromolecules</i> , <b>2017</b> , 99, 454-464	7.9	33
22	Preliminary structural characterization and hypoglycemic effects of an acidic polysaccharide SERP1 from the residue of <i>Sarcandra glabra</i> . <i>Carbohydrate Polymers</i> , <b>2017</b> , 176, 140-151	10.3	34
21	Structure, chain conformation, and immunomodulatory activity of the polysaccharide purified from <i>Bacillus Calmette Guerin</i> formulation. <i>Carbohydrate Polymers</i> , <b>2016</b> , 150, 149-58	10.3	67
20	Structure characterization, chemical and enzymatic degradation, and chain conformation of an acidic polysaccharide from <i>Lycium barbarum</i> L. <i>Carbohydrate Polymers</i> , <b>2016</b> , 147, 114-124	10.3	97
19	Fingerprinting profile of polysaccharides from <i>Lycium barbarum</i> using multiplex approaches and chemometrics. <i>International Journal of Biological Macromolecules</i> , <b>2015</b> , 78, 230-7	7.9	31

18	In vitro and in vivo antioxidant activity of a fructan from the roots of <i>Arctium lappa</i> L. <i>International Journal of Biological Macromolecules</i> , <b>2014</b> , 65, 446-53	7.9	59
17	Hypoglycemic, hypolipidemic and antioxidant effects of <i>Sarcandra glabra</i> polysaccharide in type 2 diabetic mice. <i>Food and Function</i> , <b>2014</b> , 5, 2850-60	6.1	58
16	The ERK/eIF4F/Bcl-XL pathway mediates SGP-2 induced osteosarcoma cells apoptosis in vitro and in vivo. <i>Cancer Letters</i> , <b>2014</b> , 352, 203-13	9.9	25
15	SGP-2, an acidic polysaccharide from <i>Sarcandra glabra</i> , inhibits proliferation and migration of human osteosarcoma cells. <i>Food and Function</i> , <b>2014</b> , 5, 167-75	6.1	19
14	Preparation and immunomodulating activities of a library of low-molecular-weight $\beta$ glucans. <i>Carbohydrate Polymers</i> , <b>2014</b> , 111, 744-52	10.3	13
13	Isolation, characterisation and sulphation of soluble polysaccharides isolated from <i>Cucurbita maxima</i> . <i>International Journal of Food Science and Technology</i> , <b>2014</b> , 49, 508-514	3.8	13
12	Characterization and hypoglycemic effect of a polysaccharide extracted from the fruit of <i>Lycium barbarum</i> L. <i>Carbohydrate Polymers</i> , <b>2013</b> , 98, 8-16	10.3	155
11	Toll-like receptor 2 and Toll-like receptor 4-dependent activation of B cells by a polysaccharide from marine fungus <i>Phoma herbarum</i> YS4108. <i>PLoS ONE</i> , <b>2013</b> , 8, e60781	3.7	21
10	Nutraceutical and Health Properties of Psyllium <b>2012</b> , 149-163		
9	Characterization and antioxidant activity of a polysaccharide extracted from <i>Sarcandra glabra</i> . <i>Carbohydrate Polymers</i> , <b>2012</b> , 90, 524-32	10.3	43
8	Monoclonal antibodies to sea cucumber polysaccharide and their use in a sandwich ELISA assay. <i>Hybridoma</i> , <b>2011</b> , 30, 381-5		2
7	Effects of hydroxypropylation on the functional properties of psyllium. <i>Journal of Agricultural and Food Chemistry</i> , <b>2010</b> , 58, 1615-21	5.7	18
6	Effects of sulfation on the physicochemical and functional properties of psyllium. <i>Journal of Agricultural and Food Chemistry</i> , <b>2010</b> , 58, 172-9	5.7	22
5	Characterization and antioxidant activity of two low-molecular-weight polysaccharides purified from the fruiting bodies of <i>Ganoderma lucidum</i> . <i>International Journal of Biological Macromolecules</i> , <b>2010</b> , 46, 451-7	7.9	190
4	Effects of sulfation on the physicochemical and functional properties of a water-insoluble polysaccharide preparation from <i>Ganoderma lucidum</i> . <i>Journal of Agricultural and Food Chemistry</i> , <b>2010</b> , 58, 3336-41	5.7	31
3	Preparation of a hydroxypropyl <i>Ganoderma lucidum</i> polysaccharide and its physicochemical properties. <i>Food Chemistry</i> , <b>2010</b> , 122, 965-971	8.5	32
2	Carboxymethylation of a polysaccharide extracted from <i>Ganoderma lucidum</i> enhances its antioxidant activities in vitro. <i>Carbohydrate Polymers</i> , <b>2009</b> , 78, 227-234	10.3	118
1	Potential of a novel polysaccharide preparation (GLPP) from Anhui-grown <i>Ganoderma lucidum</i> in tumor treatment and immunostimulation. <i>Journal of Food Science</i> , <b>2007</b> , 72, S435-42	3.4	35

