

Juan Yu

List of Publications by Citations

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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.

39
papers

524
citations

14
h-index

22
g-index

42
ext. papers

700
ext. citations

5
avg, IF

4.27
L-index

#	Paper	IF	Citations
39	Extraction of a Novel Cold-Water-Soluble Polysaccharide from Astragalus membranaceus and Its Antitumor and Immunological Activities. <i>Molecules</i> , 2017 , 23,	4.8	54
38	Molecular insight into bacterial cleavage of oceanic dimethylsulfoniopropionate into dimethyl sulfide. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 1026-31	11.5	46
37	Characterization of Se-enriched Pleurotus ostreatus polysaccharides and their antioxidant effects in vitro. <i>International Journal of Biological Macromolecules</i> , 2018 , 111, 421-429	7.9	44
36	Relationship between structural properties and antitumor activity of Astragalus polysaccharides extracted with different temperatures. <i>International Journal of Biological Macromolecules</i> , 2019 , 124, 469-477	7.9	44
35	Apoptosis of human gastric carcinoma MGC-803 cells induced by a novel Astragalus membranaceus polysaccharide via intrinsic mitochondrial pathways. <i>International Journal of Biological Macromolecules</i> , 2019 , 126, 811-819	7.9	34
34	Alcohol-soluble polysaccharide from Astragalus membranaceus: Preparation, characteristics and antitumor activity. <i>International Journal of Biological Macromolecules</i> , 2018 , 118, 2057-2064	7.9	33
33	Synthesis of Cu ₃ BiS ₃ and AgBiS ₂ crystallites with controlled morphology using hypocrellin template and their catalytic role in the polymerization of alkylsilane. <i>Journal of Materials Science</i> , 2012 , 47, 4159-4166	4.3	21
32	Production of DMS and DMSP in different physiological stages and salinity conditions in two marine algae. <i>Chinese Journal of Oceanology and Limnology</i> , 2011 , 29, 369-377		21
31	Effects of microplastics exposure on ingestion, fecundity, development, and dimethylsulfide production in Tigriopus japonicus (Harpacticoida, copepod). <i>Environmental Pollution</i> , 2020 , 267, 115429	9.3	21
30	Biocatalyzed route for the preparation of surface-deacetylated chitin nanofibers. <i>Green Chemistry</i> , 2019 , 21, 3143-3151	10	18
29	Preliminary Structural Characteristics of Polysaccharides from Pomelo Peels and Their Antitumor Mechanism on S180 Tumor-Bearing Mice. <i>Polymers</i> , 2018 , 10,	4.5	16
28	Effects of Heat Treatment on the Structural Characteristics and Antitumor Activity of Polysaccharides from Grifola frondosa. <i>Applied Biochemistry and Biotechnology</i> , 2019 , 188, 481-490	3.2	15
27	Antitumor effects of seleno-β-lactoglobulin (Se-β-lg) against human gastric cancer MGC-803 cells. <i>European Journal of Pharmacology</i> , 2018 , 833, 109-115	5.3	15
26	Polysaccharide extracted from Atractylodes macrocephala Koidz (PAMK) induce apoptosis in transplanted H22 cells in mice. <i>International Journal of Biological Macromolecules</i> , 2019 , 137, 604-611	7.9	14
25	Phase behavior of temperature- and pH-sensitive poly(acrylic acid-g-N-isopropylacrylamide) in dilute aqueous solution. <i>Journal of Applied Polymer Science</i> , 2008 , 109, 4036-4042	2.9	14
24	Cloning and characterization of a thaumatin-like protein gene PeTLP in Populus deltoides IP. euramericana cv. Nanlin895. <i>Acta Physiologiae Plantarum</i> , 2013 , 35, 2985-2998	2.6	12
23	Extraction, optimization and bioactivities of alcohol-soluble polysaccharide from Grifola frondosa. <i>Journal of Food Measurement and Characterization</i> , 2019 , 13, 1645-1651	2.8	11

22	Structural Characterization and Antitumor Activity of Polysaccharides from <i>L. Oxidative Medicine and Cellular Longevity</i> , 2018 , 2018, 9579262	6.7	11
21	FAS/FAS-L-mediated apoptosis and autophagy of SPC-A-1 cells induced by water-soluble polysaccharide from <i>Polygala tenuifolia</i> . <i>International Journal of Biological Macromolecules</i> , 2020 , 150, 449-458	7.9	9
20	Structural characteristics and anti-tumor/-oxidant activity in vitro of an acidic polysaccharide from <i>Gynostemma pentaphyllum</i> . <i>International Journal of Biological Macromolecules</i> , 2020 , 161, 721-728	7.9	8
19	Effects of <i>Harpacticus</i> sp. (Harpacticoida, copepod) grazing on dimethylsulfoniopropionate and dimethylsulfide concentrations in seawater. <i>Journal of Sea Research</i> , 2015 , 99, 17-25	1.9	8
18	Effect of Cold and Heat Shock Treatment on the Color Development of Mature Green Tomatoes and the Roles of Their Antioxidant Enzymes. <i>Food and Bioprocess Technology</i> , 2018 , 11, 705-709	5.1	6
17	A novel mechanism of tumor-induced thymic atrophy in mice bearing H22 hepatocellular carcinoma. <i>Cancer Management and Research</i> , 2018 , 10, 417-424	3.6	6
16	Selenious- β lactoglobulin induces the apoptosis of human lung cancer A549 cells via an intrinsic mitochondrial pathway. <i>Cytotechnology</i> , 2018 , 70, 1551-1563	2.2	6
15	Seleno- β lactoglobulin (Se- β Lg) induces mitochondria-dependant apoptosis in HepG2 cells. <i>Molecular Biology Reports</i> , 2019 , 46, 5025-5031	2.8	5
14	Antitumor effects of seleno-short-chain chitosan (SSCC) against human gastric cancer BGC-823 cells. <i>Cytotechnology</i> , 2019 , 71, 1095-1108	2.2	5
13	Antitumor and Immunoregulatory Activities of Seleno- β lactoglobulin on S180 Tumor-Bearing Mice. <i>Molecules</i> , 2017 , 23,	4.8	5
12	Ingestion, fecundity and population growth of <i>Harpacticus</i> sp. (Harpacticoida, copepod) fed on five species of algae. <i>Aquaculture Research</i> , 2017 , 48, 2209-2220	1.9	3
11	The preparation of a cold-water soluble polysaccharide from <i>Grifola frondosa</i> and its inhibitory effects on MKN-45 cells. <i>Glycoconjugate Journal</i> , 2020 , 37, 413-422	3	3
10	Role of <i>Calanus sinicus</i> (Copepoda, Calanoida) on Dimethylsulfide and Dimethylsulfoniopropionate Production in Jiaozhou Bay. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2019 , 124, 2481-2498	3.7	3
9	Antitumor activity and immunomodulation mechanism of a novel polysaccharide extracted from <i>Polygala tenuifolia</i> Willd. evaluated by S180 cells and S180 tumor-bearing mice. <i>International Journal of Biological Macromolecules</i> , 2021 , 192, 546-556	7.9	3
8	Preparation of soluble dietary fibers from <i>Gracilaria lemaneiformis</i> and its antitumor activity in vivo. <i>Journal of Food Measurement and Characterization</i> , 2019 , 13, 1574-1582	2.8	2
7	Immunoregulatory activity of polysaccharides from Tanyang Congou black tea on H22 tumor-bearing mice. <i>Journal of Food Measurement and Characterization</i> , 2019 , 13, 1620-1626	2.8	2
6	Nanofibrous dressing: Potential alternative for fighting against antibiotic-resistance wound infections. <i>Journal of Applied Polymer Science</i> , 52178	2.9	2
5	A description of alkaline phosphatases from marine organisms. <i>Chinese Journal of Oceanology and Limnology</i> , 2016 , 34, 795-809		1

4	Distribution and Dimethylsulfoniopropionate Degradation of Dimethylsulfoniopropionate-Consuming Bacteria in the Yellow Sea and East China Sea. <i>Journal of Geophysical Research: Oceans</i> , 2021 , 126, e2021JC017679	3.3	1
3	A Novel Optimization of Water-Soluble Compound Polysaccharides from Chinese Herbal Medicines by Quantitative Theory and Study on Its Characterization and Antioxidant Activities. <i>Chemistry and Biodiversity</i> , 2021 , 18, e2000688	2.5	1
2	Growth, DMS and DMSP production in <i>Emiliana huxleyi</i> under elevated CO and UV radiation. <i>Environmental Pollution</i> , 2021 , 294, 118643	9.3	0
1	Synthesis of pH-Sensitive and Self-Fluorescent Polymeric Micelles Derived From Rosin and Vegetable Oils ATRP. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021 , 9, 753808	5.8	0