

# Juan Yu

## List of Publications by Year in descending order

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Version: 2024-02-01

40  
papers

825  
citations

471061

17  
h-index

525886

27  
g-index

42  
all docs

42  
docs citations

42  
times ranked

966  
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	3.6	76
2	Extraction of a Novel Cold-Water-Soluble Polysaccharide from <i>Astragalus membranaceus</i> and Its Antitumor and Immunological Activities. <i>Molecules</i> , 2018, 23, 62.	1.7	71
3	Characterization of Se-enriched <i>Pleurotus ostreatus</i> polysaccharides and their antioxidant effects in vitro. <i>International Journal of Biological Macromolecules</i> , 2018, 111, 421-429.	3.6	60
4	Alcohol-soluble polysaccharide from <i>Astragalus membranaceus</i> : Preparation, characteristics and antitumor activity. <i>International Journal of Biological Macromolecules</i> , 2018, 118, 2057-2064.	3.6	59
5	Apoptosis of human gastric carcinoma MGC-803 cells induced by a novel <i>Astragalus membranaceus</i> polysaccharide via intrinsic mitochondrial pathways. <i>International Journal of Biological Macromolecules</i> , 2019, 126, 811-819.	3.6	53
6	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, 1026-1031.	3.3	52
7	Effects of microplastics exposure on ingestion, fecundity, development, and dimethylsulfide production in <i>Tigriopus japonicus</i> (Harpacticoida, copepod). <i>Environmental Pollution</i> , 2020, 267, 115429.	3.7	44
8	Polysaccharide extracted from <i>Atractylodes macrocephala</i> Koidz (PAMK) induce apoptosis in transplanted H22 cells in mice. <i>International Journal of Biological Macromolecules</i> , 2019, 137, 604-611.	3.6	33
9	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.	0.7	30
10	Biocatalyzed route for the preparation of surface-deacetylated chitin nanofibers. <i>Green Chemistry</i> , 2019, 21, 3143-3151.	4.6	28
11	Synthesis of Cu <sub>3</sub> BiS <sub>3</sub> and AgBiS <sub>2</sub> 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.	1.7	25
12	Effects of Heat Treatment on the Structural Characteristics and Antitumor Activity of Polysaccharides from <i>Grifola frondosa</i> . <i>Applied Biochemistry and Biotechnology</i> , 2019, 188, 481-490.	1.4	24
13	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.	3.6	22
14	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.	3.6	21
15	Structural Characterization and Antitumor Activity of Polysaccharides from <i>Kaempferia galanga</i> L. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-10.	1.9	20
16	Preliminary Structural Characteristics of Polysaccharides from Pomelo Peels and Their Antitumor Mechanism on S180 Tumor-Bearing Mice. <i>Polymers</i> , 2018, 10, 419.	2.0	20
17	Antitumor effects of seleno- $\beta$ -lactoglobulin (Se- $\beta$ -Lg) against human gastric cancer MGC-803 cells. <i>European Journal of Pharmacology</i> , 2018, 833, 109-115.	1.7	18
18	Extraction, optimization and bioactivities of alcohol-soluble polysaccharide from <i>Grifola frondosa</i> . <i>Journal of Food Measurement and Characterization</i> , 2019, 13, 1645-1651.	1.6	16

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19	Phase behavior of temperature- and pH-sensitive poly(acrylic acid- <i>g</i> -N-isopropylacrylamide) in dilute aqueous solution. <i>Journal of Applied Polymer Science</i> , 2008, 109, 4036-4042.	1.3	15
20	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.	1.4	14
21	Cloning and characterization of a thaumatin-like protein gene PeTLP in <i>Populus deltoides</i> — <i>ÁP. euramericana</i> cv. "Nanlin895"™. <i>Acta Physiologiae Plantarum</i> , 2013, 35, 2985-2998.	1.0	12
22	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.	3.6	12
23	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.	0.6	10
24	Antitumor and Immunoregulatory Activities of Seleno- $\gamma$ -Lactoglobulin on S180 Tumor-Bearing Mice. <i>Molecules</i> , 2018, 23, 46.	1.7	9
25	A novel mechanism of tumor-induced thymic atrophy in mice bearing H22 hepatocellular carcinoma. <i>Cancer Management and Research</i> , 2018, Volume 10, 417-424.	0.9	8
26	Seleno- $\gamma$ -lactoglobulin (Se- $\gamma$ -Lg) induces mitochondria-dependant apoptosis in HepG2 cells. <i>Molecular Biology Reports</i> , 2019, 46, 5025-5031.	1.0	8
27	Antitumor effects of seleno-short-chain chitosan (SSCC) against human gastric cancer BGC-823 cells. <i>Cytotechnology</i> , 2019, 71, 1095-1108.	0.7	8
28	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.	2.6	7
29	Selenious- $\gamma$ -lactoglobulin induces the apoptosis of human lung cancer A549 cells via an intrinsic mitochondrial pathway. <i>Cytotechnology</i> , 2018, 70, 1551-1563.	0.7	7
30	Nanofibrous dressing: Potential alternative for fighting against antibiotic-resistance wound infections. <i>Journal of Applied Polymer Science</i> , 2022, 139, .	1.3	7
31	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.	1.0	6
32	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.	1.3	5
33	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.	1.6	5
34	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.	1.0	5
35	Synthesis of pH-Sensitive and Self-Fluorescent Polymeric Micelles Derived From Rosin and Vegetable Oils via ATRP. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 753808.	2.0	4
36	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.	0.9	3

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37	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.	1.6	3
38	Growth, DMS and DMSP production in <i>Emiliania huxleyi</i> under elevated CO <sub>2</sub> and UV radiation. <i>Environmental Pollution</i> , 2022, 294, 118643.	3.7	2
39	A description of alkaline phosphatases from marine organisms. <i>Chinese Journal of Oceanology and Limnology</i> , 2016, 34, 795-809.	0.7	1
40	Novel Compound Polysaccharides from Chinese Herbal Medicines: Purification, Characterization, and Antioxidant Activities. <i>Oxidative Medicine and Cellular Longevity</i> , 2022, 2022, 1-10.	1.9	0