

# Zhuoyue Song

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Exploiting the Twisted Intramolecular Charge Transfer Effect to Construct a Wash-Free Solvatochromic Fluorescent Lipid Droplet Probe for Fatty Liver Disease Diagnosis. <i>Analytical Chemistry</i> , 2022, 94, 3881-3887.	6.5	48
2	Anticancer activity of polysaccharide from <i>Glehnia littoralis</i> on human lung cancer cell line A549. <i>International Journal of Biological Macromolecules</i> , 2018, 106, 464-472.	7.5	47
3	Polysaccharide from <i>Ostrea rivularis</i> attenuates reproductive oxidative stress damage via activating Keap1-Nrf2/ARE pathway. <i>Carbohydrate Polymers</i> , 2018, 186, 321-331.	10.2	45
4	Two heteropolysaccharides from <i>Isaria cicadae</i> Miquel differ in composition and potentially immunomodulatory activity. <i>International Journal of Biological Macromolecules</i> , 2018, 117, 610-616.	7.5	33
5	Methods of extraction, separation, purification, structural characterization for polysaccharides from aquatic animals and their major pharmacological activities. <i>Critical Reviews in Food Science and Nutrition</i> , 2020, 60, 48-63.	10.3	33
6	An effective and recyclable deproteinization method for polysaccharide from oyster by magnetic chitosan microspheres. <i>Carbohydrate Polymers</i> , 2018, 195, 558-565.	10.2	25
7	Diagnosis of fatty liver disease by a multiphoton-active and lipid-droplet-specific AIEgen with nonaromatic rotors. <i>Materials Chemistry Frontiers</i> , 2021, 5, 1853-1862.	5.9	22
8	Extraction, purification and characterization of sulphated polysaccharide from <i>Bellamyia quadrata</i> and its stabilization roles on atherosclerotic plaque. <i>International Journal of Biological Macromolecules</i> , 2020, 152, 314-326.	7.5	12
9	Sulfated polysaccharide from <i>Undaria pinnatifida</i> stabilizes the atherosclerotic plaque via enhancing the dominance of the stabilizing components. <i>International Journal of Biological Macromolecules</i> , 2019, 140, 621-630.	7.5	6
10	Fucoidans from <i>Cucumaria frondosa</i> ameliorate renal interstitial fibrosis via inhibition of the PI3K/Akt/NF- $\kappa$ B signaling pathway. <i>Food and Function</i> , 2022, 13, 1168-1179.	4.6	6
11	Progress on Precise Regulation of Vascular Intimal Repair by a Surface Coating of Vascular Stent. <i>Current Drug Delivery</i> , 2021, 18, 862-873.	1.6	4
12	Biomimetic modification on the microporous surface of cardiovascular materials to accelerate endothelialization and regulate intimal regeneration. <i>Materials Science and Engineering C</i> , 2022, , 112666.	7.3	3
13	Protective effect of polysaccharides from <i>Ostrea rivularis</i> against reproductive injury via regulating autophagy induced by oxidative stress. <i>International Journal of Biological Macromolecules</i> , 2022, 209, 655-667.	7.5	3