

# Yuan Yuan

## List of Publications by Year in descending order

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Version: 2024-02-01

14  
papers

892  
citations

933447

10  
h-index

1058476

14  
g-index

14  
all docs

14  
docs citations

14  
times ranked

1243  
citing authors

#	ARTICLE	IF	CITATIONS
1	Microwave assisted extraction of sulfated polysaccharides (fucoidan) from <i>Ascophyllum nodosum</i> and its antioxidant activity. <i>Carbohydrate Polymers</i> , 2015, 129, 101-107.	10.2	260
2	Microwave assisted extraction of phenolic compounds from four economic brown macroalgae species and evaluation of their antioxidant activities and inhibitory effects on $\alpha$ -amylase, $\alpha$ -glucosidase, pancreatic lipase and tyrosinase. <i>Food Research International</i> , 2018, 113, 288-297.	6.2	144
3	Microwave assisted hydrothermal extraction of polysaccharides from <i>Ulva prolifera</i> : Functional properties and bioactivities. <i>Carbohydrate Polymers</i> , 2018, 181, 902-910.	10.2	121
4	Microwave assisted step-by-step process for the production of fucoidan, alginate sodium, sugars and biochar from <i>Ascophyllum nodosum</i> through a biorefinery concept. <i>Bioresource Technology</i> , 2015, 198, 819-827.	9.6	105
5	Beneficial effects of polysaccharide-rich extracts from <i>Apocynum venetum</i> leaves on hypoglycemic and gut microbiota in type 2 diabetic mice. <i>Biomedicine and Pharmacotherapy</i> , 2020, 127, 110182.	5.6	58
6	Microwave Assisted Acid Hydrolysis of Brown Seaweed <i>Ascophyllum nodosum</i> for Bioethanol Production and Characterization of Alga Residue. <i>ACS Sustainable Chemistry and Engineering</i> , 2015, 3, 1359-1365.	6.7	54
7	Polyphenol-Rich Extracts from Brown Macroalgae <i>Lessonia trabeculate</i> Attenuate Hyperglycemia and Modulate Gut Microbiota in High-Fat Diet and Streptozotocin-Induced Diabetic Rats. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 12472-12480.	5.2	51
8	Microwave-assisted hydrothermal extraction of non-structural carbohydrates and hemicelluloses from tobacco biomass. <i>Carbohydrate Polymers</i> , 2019, 223, 115043.	10.2	35
9	Genomic, Transcriptomic and Enzymatic Insight into Lignocellulolytic System of a Plant Pathogen <i>Dickeya</i> sp. WS52 to Digest Sweet Pepper and Tomato Stalk. <i>Biomolecules</i> , 2019, 9, 753.	4.0	19
10	Genomic insights on fighting bacterial wilt by a novel <i>Bacillus amyloliquefaciens</i> strain Cas02. <i>Microbial Biotechnology</i> , 2022, 15, 1152-1167.	4.2	14
11	Chemical characterization and bioactivities of polysaccharides from <i>Apocynum venetum</i> leaves extracted by different solvents. <i>Journal of Food Measurement and Characterization</i> , 2020, 14, 244-253.	3.2	8
12	Deposition of Palladium Nanoparticles by the Coating of the Carbonaceous Layer from Wastepaper-Derived Bio-Oil. <i>ACS Omega</i> , 2020, 5, 16021-16029.	3.5	8
13	Ecofriendly conversion of algal waste into valuable plant growth-promoting rhizobacteria (PGPR) biomass. <i>Waste Management</i> , 2021, 120, 576-584.	7.4	8
14	Biochar Enhanced Growth and Biological Nitrogen Fixation of Wild Soybean ( <i>Glycine max</i> subsp. <i>soja</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	3.1	7