

Shuhao Huo

List of Publications by Year in descending order

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37
papers

1,095
citations

567281

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414414

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times ranked

1304
citing authors

#	ARTICLE	IF	CITATIONS
1	A preliminary study on polysaccharide extraction, purification, and antioxidant properties of sugar-rich filamentous microalgae <i>Tribonema minus</i> . <i>Journal of Applied Phycology</i> , 2022, 34, 2755-2767.	2.8	13
2	Weak magnetic field intervention on outdoor production of oil-rich filamentous microalgae: Influence of seasonal changes. <i>Bioresource Technology</i> , 2022, 348, 126707.	9.6	6
3	Biomass production of carbohydrate-rich filamentous microalgae coupled with treatment and nutrients recovery from acrylonitrile butadiene styrene based wastewater: Synergistic enhancement with low carbon dioxide supply strategy. <i>Bioresource Technology</i> , 2022, 349, 126829.	9.6	9
4	Direct processing of alginate-immobilized microalgae into polyhydroxybutyrate using marine bacterium of <i>Saccharophagus degradans</i> . <i>Bioresource Technology</i> , 2022, 351, 126898.	9.6	5
5	Identification of key metabolic pathways reprogrammed by BmNPV in silkworm <i>Bombyx mori</i> . <i>Journal of Invertebrate Pathology</i> , 2022, 190, 107736.	3.2	6
6	Magnetic/electric field intervention on oil-rich filamentous algae production in the application of acrylonitrile butadiene styrene based wastewater treatment. <i>Bioresource Technology</i> , 2022, 356, 127272.	9.6	6
7	Impact of pulsed magnetic field treatment on enzymatic inactivation and quality of cloudy apple juice. <i>Journal of Food Science and Technology</i> , 2021, 58, 2982-2991.	2.8	7
8	Optimization of the Cell Immobilization-Based Chain-Elongation Process for Efficient <i>n</i> -Caproate Production. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 4014-4023.	6.7	17
9	Effects of pulsed magnetic field on microbial and enzymic inactivation and quality attributes of orange juice. <i>Journal of Food Processing and Preservation</i> , 2021, 45, e15533.	2.0	11
10	Improved glucose and xylose co-utilization by overexpression of xylose isomerase and/or xylulokinase genes in oleaginous fungus <i>Mucor circinelloides</i> . <i>Applied Microbiology and Biotechnology</i> , 2021, 105, 5565-5575.	3.6	11
11	Development of a Strategy for Enhancing the Biomass Growth and Lipid Accumulation of <i>Chlorella</i> sp. UJ-3 Using Magnetic Fe ₃ O ₄ Nanoparticles. <i>Nanomaterials</i> , 2021, 11, 2802.	4.1	13
12	The influence of microalgae on vegetable production and nutrient removal in greenhouse hydroponics. <i>Journal of Cleaner Production</i> , 2020, 243, 118563.	9.3	42
13	The effects of refractory pollutants in swine wastewater on the growth of <i>Scenedesmus</i> sp. with biofilm attached culture. <i>International Journal of Phytoremediation</i> , 2020, 22, 241-250.	3.1	14
14	Transcriptomic analysis of <i>Listeria monocytogenes</i> under pulsed magnetic field treatment. <i>Food Research International</i> , 2020, 133, 109195.	6.2	19
15	Post treatment of swine anaerobic effluent by weak electric field following intermittent vacuum assisted adjustment of N:P ratio for oil-rich filamentous microalgae production. <i>Bioresource Technology</i> , 2020, 314, 123718.	9.6	24
16	Microwave assisted flocculation for harvesting of <i>Chlorella vulgaris</i> . <i>Bioresource Technology</i> , 2020, 314, 123770.	9.6	6
17	Magnetic field intervention on growth of the filamentous microalgae <i>Tribonema</i> sp. in starch wastewater for algal biomass production and nutrients removal: Influence of ambient temperature and operational strategy. <i>Bioresource Technology</i> , 2020, 303, 122884.	9.6	38
18	Fast pyrolysis of LERDADEs for renewable biofuels. <i>IET Renewable Power Generation</i> , 2020, 14, 959-967.	3.1	46

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19	Glycoproteome in silkworm <i>Bombyx mori</i> and alteration by BmCPV infection. <i>Journal of Proteomics</i> , 2020, 222, 103802.	2.4	3
20	Microalgae-based wastewater treatment for nutrients recovery: A review. <i>Bioresource Technology</i> , 2019, 291, 121934.	9.6	413
21	Repeated Utilization of Ionic Liquid to Extract Lipid from Algal Biomass. <i>International Journal of Polymer Science</i> , 2019, 2019, 1-7.	2.7	24
22	A two-stage system coupling hydrolytic acidification with algal microcosms for treatment of wastewater from the manufacture of acrylonitrile butadiene styrene (ABS) resin. <i>Biotechnology Letters</i> , 2018, 40, 689-696.	2.2	23
23	Immobilization of Lipase by Ionic Liquid-Modified Mesoporous SiO ₂ Adsorption and Calcium Alginate-Embedding Method. <i>Applied Biochemistry and Biotechnology</i> , 2018, 185, 606-618.	2.9	16
24	Mixotrophic <i>Chlorella</i> sp. UJ-3 cultivation in the typical anaerobic fermentation effluents. <i>Bioresource Technology</i> , 2018, 249, 219-225.	9.6	13
25	Production and characterization of a novel acidophilic and thermostable xylanase from <i>Thermoascus aurantiacus</i> . <i>International Journal of Biological Macromolecules</i> , 2018, 109, 1270-1279.	7.5	34
26	Advanced treatment of the low concentration petrochemical wastewater by <i>Tribonema</i> sp. microalgae grown in the open photobioreactors coupled with the traditional Anaerobic/Oxic process. <i>Bioresource Technology</i> , 2018, 270, 476-481.	9.6	40
27	Influence of fluid dynamics on anaerobic digestion of food waste for biogas production. <i>Environmental Technology (United Kingdom)</i> , 2017, 38, 1160-1168.	2.2	13
28	Outdoor Growth Characterization of an Unknown Microalga Screened from Contaminated <i>Chlorella</i> Culture. <i>BioMed Research International</i> , 2017, 2017, 1-7.	1.9	10
29	Medium optimization for <i>Chlorella zofingiensis</i> biomass production using central composite design. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2016, 38, 769-776.	2.3	2
30	Culture of four microalgal strains for bioenergy production and nutrient removal in the meliorative municipal wastewater. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2016, 38, 670-679.	2.3	8
31	Algal biorefinery for sustainable development and the challenges. <i>Proceedings of Institution of Civil Engineers: Energy</i> , 2016, 169, 179-186.	0.6	3
32	Process Analysis of Alkaline Flocculation Harvesting for <i>Chaetoceros muelleri</i> and <i>Scenedesmus quadricauda</i> . <i>Bioenergy Research</i> , 2016, 9, 682-690.	3.9	8
33	Control of <i>Grifola frondosa</i> Morphology by Agitation and Aeration for Improving Mycelia and Exo-Polymer Production. <i>Applied Biochemistry and Biotechnology</i> , 2016, 179, 459-473.	2.9	16
34	Enzyme-Assisted Extraction of Oil from Wet Microalgae <i>Scenedesmus</i> sp. G4. <i>Energies</i> , 2015, 8, 8165-8174.	3.1	36
35	Optimization of Alkaline Flocculation for Harvesting of <i>Scenedesmus quadricauda</i> #507 and <i>Chaetoceros muelleri</i> #862. <i>Energies</i> , 2014, 7, 6186-6195.	3.1	11
36	Cultivation of <i>Chlorella zofingiensis</i> in bench-scale outdoor ponds by regulation of pH using dairy wastewater in winter, South China. <i>Bioresource Technology</i> , 2012, 121, 76-82.	9.6	109

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37	Available Resources for Algal Biofuel Development in China. <i>Energies</i> , 2011, 4, 1321-1335.	3.1	20