

Yu-Shen Cheng

List of Publications by Year in descending order

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32
papers

1,201
citations

471509

17
h-index

414414

32
g-index

33
all docs

33
docs citations

33
times ranked

1852
citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluation of High Solids Alkaline Pretreatment of Rice Straw. <i>Applied Biochemistry and Biotechnology</i> , 2010, 162, 1768-1784.	2.9	210
2	Rapid Quantitative Analysis of Lipids Using a Colorimetric Method in a Microplate Format. <i>Lipids</i> , 2011, 46, 95-103.	1.7	189
3	The impact of cell wall carbohydrate composition on the chitosan flocculation of <i>Chlorella</i> . <i>Process Biochemistry</i> , 2011, 46, 1927-1933.	3.7	108
4	Integrating sugar beet pulp storage, hydrolysis and fermentation for fuel ethanol production. <i>Applied Energy</i> , 2012, 93, 168-175.	10.1	81
5	Ensilage and Bioconversion of Grape Pomace into Fuel Ethanol. <i>Journal of Agricultural and Food Chemistry</i> , 2012, 60, 11128-11134.	5.2	56
6	Effects of ensilage on storage and enzymatic degradability of sugar beet pulp. <i>Bioresource Technology</i> , 2011, 102, 1489-1495.	9.6	54
7	Virus infection of <i>Chlorella variabilis</i> and enzymatic saccharification of algal biomass for bioethanol production. <i>Bioresource Technology</i> , 2013, 137, 326-331.	9.6	54
8	Principles and Development of Lignocellulosic Biomass Pretreatment for Biofuels. <i>Advances in Bioenergy</i> , 2017, , 1-68.	1.3	44
9	Encapsulation of lycopene with lecithin and α -tocopherol by supercritical antisolvent process for stability enhancement. <i>Journal of Supercritical Fluids</i> , 2017, 130, 246-252.	3.2	41
10	Fast Dissolving Electrospun Nanofibers Fabricated from Jelly Fig Polysaccharide/Pullulan for Drug Delivery Applications. <i>Polymers</i> , 2021, 13, 241.	4.5	34
11	Integration Process for Protein Extraction from Microalgae Using Liquid Biphasic Electric Flotation (LBEF) System. <i>Molecular Biotechnology</i> , 2018, 60, 749-761.	2.4	28
12	Organic and Inorganic Nitrogen Impact <i>Chlorella variabilis</i> Productivity and Host Quality for Viral Production and Cell Lysis. <i>Applied Biochemistry and Biotechnology</i> , 2015, 176, 467-479.	2.9	25
13	Evaluation of <i>Macaranga tanarius</i> as a biomass feedstock for fermentable sugars production. <i>Bioresource Technology</i> , 2019, 294, 122195.	9.6	24
14	Effect of dewaxing on saccharification and ethanol production from different lignocellulosic biomass. <i>Bioresource Technology</i> , 2021, 339, 125596.	9.6	23
15	Concurrent calcium peroxide pretreatment and wet storage of water hyacinth for fermentable sugar production. <i>Bioresource Technology</i> , 2015, 176, 267-272.	9.6	21
16	Optimization of High Solids Dilute Acid Hydrolysis of Spent Coffee Ground at Mild Temperature for Enzymatic Saccharification and Microbial Oil Fermentation. <i>Applied Biochemistry and Biotechnology</i> , 2016, 180, 753-765.	2.9	19
17	Encapsulation and Characterization of Nanoemulsions Based on an Anti-oxidative Polymeric Amphiphile for Topical Apigenin Delivery. <i>Polymers</i> , 2021, 13, 1016.	4.5	19
18	Improvement of Enzymatic Saccharification and Ethanol Production from Rice Straw Using Recycled Ionic Liquid: The Effect of Anti-Solvent Mixture. <i>Bioengineering</i> , 2022, 9, 115.	3.5	19

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19	Influence of moisture content on microbial activity and silage quality during ensilage of food processing residues. <i>Bioprocess and Biosystems Engineering</i> , 2011, 34, 987-995.	3.4	16
20	Microencapsulation of Curcumin in Crosslinked Jelly Fig Pectin Using Vacuum Spray Drying Technique for Effective Drug Delivery. <i>Polymers</i> , 2021, 13, 2583.	4.5	15
21	Development and Characterization of Nano-emulsions Based on Oil Extracted from Black Soldier Fly Larvae. <i>Applied Biochemistry and Biotechnology</i> , 2020, 191, 331-345.	2.9	14
22	Preparation and evaluation of particleboard from insect rearing residue and rice husks using starch/citric acid mixture as a natural binder. <i>Biomass Conversion and Biorefinery</i> , 2022, 12, 633-641.	4.6	13
23	Adipose-Derived Stem Cell-Incubated HA-Rich Sponge Matrix Implant Modulates Oxidative Stress to Enhance VEGF and TGF- β Secretions for Extracellular Matrix Reconstruction In Vivo. <i>Oxidative Medicine and Cellular Longevity</i> , 2022, 2022, 1-17.	4.0	12
24	Utilization of <i>Calophyllum inophyllum</i> shell and kernel oil cake for reducing sugar production. <i>Bioresource Technology</i> , 2016, 212, 338-341.	9.6	11
25	Application of ensilage as a green approach for simultaneous preservation and pretreatment of macroalgae <i>Ulva lactuca</i> for fermentable sugar production. <i>Clean Technologies and Environmental Policy</i> , 2018, 20, 2057-2065.	4.1	11
26	Interferences of Waxes on Enzymatic Saccharification and Ethanol Production from Lignocellulose Biomass. <i>Bioengineering</i> , 2021, 8, 171.	3.5	11
27	Integrated alkali pretreatment and preservation of wet lettuce (<i>Pistia stratiotes</i>) by lactic acid bacteria for fermentable sugar production. <i>Biomass and Bioenergy</i> , 2015, 81, 249-255.	5.7	9
28	Differential effects of inorganic salts on cellulase kinetics in enzymatic saccharification of cellulose and lignocellulosic biomass. <i>Bioprocess and Biosystems Engineering</i> , 2021, 44, 2331-2344.	3.4	9
29	Supercritical carbon dioxide anti-solvent micronization of lycopene extracted and chromatographic purified from <i>Momordica charantia</i> L. aril. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2017, 80, 64-70.	5.3	8
30	Core-Shell Encapsulation of Lipophilic Substance in Jelly Fig (<i>Ficus awkeotsang</i> Makino) Polysaccharides Using an Inexpensive Acrylic-Based Microfluidic Device. <i>Applied Biochemistry and Biotechnology</i> , 2020, 191, 360-375.	2.9	8
31	Evaluation of jelly fig polysaccharide as a shell composite ingredient of colon-specific drug delivery. <i>Journal of Drug Delivery Science and Technology</i> , 2021, 61, 101679.	3.0	8
32	High-throughput analysis of hexosamine using a colorimetric method. <i>Analytical Biochemistry</i> , 2011, 408, 160-162.	2.4	7