

Yu-Shen Cheng

List of Publications by Year in descending order

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Version: 2024-02-01

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 | 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 |
| 2 | 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 |
| 3 | 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 |
| 4 | 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 |
| 5 | 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 |
| 6 | 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 |
| 7 | 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 |
| 8 | Effect of dewaxing on saccharification and ethanol production from different lignocellulosic biomass. <i>Bioresource Technology</i> , 2021, 339, 125596. | 9.6 | 23 |
| 9 | Fast Dissolving Electrospun Nanofibers Fabricated from Jelly Fig Polysaccharide/Pullulan for Drug Delivery Applications. <i>Polymers</i> , 2021, 13, 241. | 4.5 | 34 |
| 10 | Interferences of Waxes on Enzymatic Saccharification and Ethanol Production from Lignocellulose Biomass. <i>Bioengineering</i> , 2021, 8, 171. | 3.5 | 11 |
| 11 | Core-Shell Encapsulation of Lipophilic Substance in Jelly Fig (<i>Ficus awkeotsang</i> Makino) Polysaccharides Using an Inexpensive Acrylic-Based Millifluidic Device. <i>Applied Biochemistry and Biotechnology</i> , 2020, 191, 360-375. | 2.9 | 8 |
| 12 | 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 |
| 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 | 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 |
| 15 | 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 |
| 16 | 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 |
| 17 | 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 |
| 18 | Principles and Development of Lignocellulosic Biomass Pretreatment for Biofuels. <i>Advances in Bioenergy</i> , 2017, , 1-68. | 1.3 | 44 |

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|----|--|------|-----------|
| 19 | 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 |
| 20 | 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 |
| 21 | 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 |
| 22 | 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 |
| 23 | 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 |
| 24 | 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 |
| 25 | Ensilage and Bioconversion of Grape Pomace into Fuel Ethanol. <i>Journal of Agricultural and Food Chemistry</i> , 2012, 60, 11128-11134. | 5.2 | 56 |
| 26 | Integrating sugar beet pulp storage, hydrolysis and fermentation for fuel ethanol production. <i>Applied Energy</i> , 2012, 93, 168-175. | 10.1 | 81 |
| 27 | 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 |
| 28 | 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 |
| 29 | Rapid Quantitative Analysis of Lipids Using a Colorimetric Method in a Microplate Format. <i>Lipids</i> , 2011, 46, 95-103. | 1.7 | 189 |
| 30 | Effects of ensilage on storage and enzymatic degradability of sugar beet pulp. <i>Bioresource Technology</i> , 2011, 102, 1489-1495. | 9.6 | 54 |
| 31 | High-throughput analysis of hexosamine using a colorimetric method. <i>Analytical Biochemistry</i> , 2011, 408, 160-162. | 2.4 | 7 |
| 32 | Evaluation of High Solids Alkaline Pretreatment of Rice Straw. <i>Applied Biochemistry and Biotechnology</i> , 2010, 162, 1768-1784. | 2.9 | 210 |