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Education Information

Doctorate, Ege University, Graduate School of Natural and Applied Sciences, Biotechnology, Turkey 2013 - 2018

Postgraduate, Annamalai University, Faculty of Engineering & Technology, Industrial Biotechnology, Chemical

Engineering, India 2007 - 2009

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Lignin biotransformation: Advances in enzymatic valorization and bioproduction strategies**
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- III. **Fermentation, functional analysis, and biological activities of turmeric kombucha**
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- IV. **Advances in the vanillin synthesis and biotransformation: A review**
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- V. **Extraction, purification, and applications of vanillin: A review of recent advances and challenges**
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- VI. **Astaxanthin production from the microalga *< i>Haematococcus lacustris</i>* with a dual substrate mixotrophy strategy**
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- VIII. **Characterization of different chitosanases of *< i>Bacillus</i>* strains and their application in chitooligosaccharides production**
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- IX. **Natural deep eutectic solvents-based green extraction of vanillin: optimization, purification, and bioactivity assessment**
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- X. **Mixotrophic cultivation of microalgae for carotenoid production**
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- XI. **Acclimation and Characterization of Marine Cyanobacterial Strains < i>Euryhalinema</i> and < i>Desertifilum</i> for C-Phycocyanin Production**
 Khazi M. I. B., Li C., Liaqat F., Malec P., Li J., Fu P.
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- XII. **Sequential Continuous Mixotrophic and Phototrophic Cultivation Might Be a Cost-Effective Strategy for Astaxanthin Production From the Microalga < i>Haematococcus lacustris</i>**
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- XIV. **Sequential optimization and kinetic modeling of L-asparaginase production by < i>Pectobacterium carotovorum</i> in submerged fermentation**
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- I. **Variation in growth, fucoxanthin, fatty acids profile and lipid content of marine diatoms < i>Nitzschia</i> sp. and < i>Nanofrustulum shiloi</i> in response to nitrogen and iron**
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- II. **Enhancement of biomass and phycocyanin content of spirulina platensis**
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- I. **Antimicrobial studies of metal oxide nanomaterials**
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- II. **Analytical Grade Purification of Phycocyanin from Cyanobacteria.**
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Patent

Khazi M. I. B., Li J., Method for culturing Haematococcus pluvialis to produce natural astaxanthin, Patent, CHAPTER A Human Needs, The Invention Registration Number: CN202111051171.3 , Standard Registration, 2021

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