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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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- IX. **Natural deep eutectic solvents-based green extraction of vanillin: optimization, purification, and bioactivity assessment**
 Xu L., Liaqat F., Khazi M. I. B., Sun J., Zhu D.
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- XI. **Acclimation and Characterization of Marine Cyanobacterial Strains *Euryhalinema* and *Desertifilum* for C-Phycocyanin Production**
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- XII. **Sequential Continuous Mixotrophic and Phototrophic Cultivation Might Be a Cost-Effective Strategy for Astaxanthin Production From the Microalga *Haematococcus lacustris***
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- XIV. **Sequential optimization and kinetic modeling of L-asparaginase production by *Pectobacterium carotovorum* in submerged fermentation**
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- I. **Variation in growth, fucoxanthin, fatty acids profile and lipid content of marine diatoms *Nitzschia* sp. and *Nanofrustulum shiloi* in response to nitrogen and iron**
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- II. **Enhancement of biomass and phycocyanin content of spirulina platensis**
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