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Bora, Borna; Talukdar, Pooja; Geed, Sachin Ramesh Rao
Journal Of Environmental Chemical Engineering

Biosurfactants are amphiphilic microbial compounds with hydrophilic and hydrophobic groups capable of reducing surface/interfacial tension. These molecules are valuable for industrial applications and for the remediation of hydrophobic p...

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จำนวน 1 เรื่อง

Web of Science แจ้งว่ามีผลงานวิจัยเรื่อง “Performance evaluation of biosurfactant production by *Enterobacter asburiae* BR5 isolated from petroleum-contaminated sites in Northeast India and implications for polycyclic aromatic hydrocarbon degradation” ได้ citation งานของกนกพร สังข์รักษ์ จำนวน 1 บทความ ได้แก่

1. ชื่องานวิจัย “Enhanced immobilization efficiency of *Enterobacter* sp. TS3 on sugarcane bagasse and its application for dye removal”

เรื่องที่น่าผลงานไปอ้างอิง

Performance evaluation of biosurfactant production by *Enterobacter asburiae* BR53 isolated from petroleum-contaminated sites in Northeast India and implications for polycyclic aromatic hydrocarbon degradation

By: Bora, B (Bora, Borna); Tyaktar, P (Tyaktar, Pooja); Gant, SP (Gant, Sachin Rameshwar)

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Abstract: Biosurfactants are amphiphilic microbial compounds with hydrophilic and hydrophobic groups capable of reducing surface/interfacial tension. These molecules are valuable for industrial applications and for the remediation of hydrophobic pollutants, such as polycyclic aromatic hydrocarbons (PAHs). In this study, bacterial isolates from petroleum-contaminated sites were screened for biosurfactant production using drop-collapse, oil spreader, and emulsification index (ESI) assays. Bacter 27 isolates, strain BR53 showed the highest activity and

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งานวิจัยเรื่อง “Performance evaluation of biosurfactant production by *Enterobacter asburiae* BR5 isolated from petroleum-contaminated sites in Northeast India and implications for polycyclic aromatic hydrocarbon degradation”

ตีพิมพ์ในวารสาร Journal of Environmental Chemical Engineering

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