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Publons / Web Of Science ResearcherID: AAE-9528-2022

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Research Areas

Environmental Microbiology

Academic Titles / Tasks

Research Assistant, Middle East Technical University, Faculty of Engineering, Department of Environmental Engineering, 2020 - Continues

Refereed Congress / Symposium Publications in Proceedings

- I. **Uncoupling of the effect of pH and salinity on photofermentative hydrogen and poly-hydroxybutyric acid production by Rhodobacter capsulatus Y03**
HOŞAFCI E., VOLKAN A. E., ATEŞ C., KOKU H., ERGUDER T. H.
1st International Conference on Novel Photorefineries for Resource Recovery-PHOTOREFINERIES 2024, Valladolid, Spain, 9 - 11 September 2024, pp.182-184
- II. **Investigation of the Use of Microalgal Cultures for the Sequestration of Flue Gas CO₂ of a Cement Plant**
ÇATAKLI T., TOLAN S., HOŞAFCI E., BAŞKÖY M. H., ERGUDER T. H.
1st International Conference on Novel Photorefineries for Resource Recovery-PHOTOREFINERIES 2024, Valladolid, Spain, 9 - 11 September 2024, pp.304-306
- III. **Operation modes and hup mutatin determine H₂ and PHB production in Rhodobacter capsulatus**
HOŞAFCI E., Tarlan E., ERGUDER T. H., KOKU H.
8th International Hydrogen Technologies Congress, Diyarbakır, Turkey, 12 - 15 May 2024
- IV. **Comparison of wild type and uptake hydrogenase deficient mutant strains of Rhodobacter Capsulatus for hydrogen and PHB production**
Tarlan E., Hoşafci E., ERGUDER T. H., KOKU H.
WHEC 2022, 23rd World Hydrogen Energy Conference, İstanbul, Turkey, 26 June 2022

Metrics

Publication: 4