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Akademik Unvanlar / Görevler

Doç. Dr., California State University, Los Angeles, 2024 - Devam Ediyor

Doç. Dr., Yıldız Teknik Üniversitesi, Makine Fakültesi, Makine Müh.Bölümü, 2024 - Devam Ediyor

Doç. Dr., Düzce Üniversitesi, Mühendislik Fakültesi, Makine Mühendisliği Bölümü, 2022 - 2024

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayımlanan Makaleler

- I. **Enhancing biogas/biohydrogen utilization in dual-fuel engines using advanced machine learning algorithms**
Khan F., Alsaduni I., Khan O., Parvez M., Yadav A. K., AĞBULUT Ü.
International Journal of Hydrogen Energy, cilt.112, ss.81-90, 2025 (SCI-Expanded)
- II. **A novel approach using experimental results of mixed refrigerants and entropy-weighted TOPSIS optimization for the sustainability of hydrogen pre-cooling liquefaction process**
Khan O., Khan M. Z., Parvez M., Yahya Z., Mahariq I., Alhodaib A., Saleel C. A., AĞBULUT Ü.
International Journal of Hydrogen Energy, cilt.109, ss.1384-1396, 2025 (SCI-Expanded)
- III. **Innovative hydrogen production from waste bio-oil via steam methane reforming: An advanced ANN-AHP-k-means modelling approach using extreme machine learning weighted clustering**
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- IV. **Novel green hydrochar production for renewable fuel substitutes, and experimental investigation of its usability on CI engine performance, combustion, and emission characteristics**
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- CII. Energy recovery from waste plastic oils as an alternative fuel source and comparative assessment of engine characteristics at varying fuel injection timings**
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