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Education Information

Undergraduate, Fachhochschule Frankfurt am Main, Civil Engineering, Civil Engineering, Germany 2017 - 2017

Foreign Languages

German, A2 Elementary

Research Areas

Mechanical Engineering

Academic Titles / Tasks

Research Assistant, Istanbul Technical University, Makina, Makina Mühendisliği, 2021 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Manufacturing and Characterisation of Polymeric Membranes for Water Treatment and Numerical Investigation of Mechanics of Nanocomposite Membranes**
Acarer S., Pir İ., Tufekci M., TÜRKOĞLU DEMİRKOL G., TÜFEKÇİ N.
POLYMERS, vol.13, no.10, 2021 (SCI-Expanded)
- II. **Manufacturing, Characterisation and Mechanical Analysis of Polyacrylonitrile Membranes**
Tufekci M., DURAK S. G., Pir İ., ORMANCI ACAR T., TÜRKOĞLU DEMİRKOL G., TÜFEKÇİ N.
POLYMERS, vol.12, no.10, 2020 (SCI-Expanded)

Refereed Congress / Symposium Publications in Proceedings

- I. **Numerical Modelling of HNT and Rubber Reinforced Epoxy Composites**
Pir İ., Tufekci E.
42nd International Conference on "Engineering & Technology, Computer, Basic & Applied Sciences 2022", London,

England, 26 March 2022, pp.12

II. NONDIMENSIONAL ANALYSIS OF TWO-DIMENSIONAL ELASTIC POROUS MATERIALS WITH REGULARLY DISTRIBUTED CIRCULAR HOLES

TÜFEKÇİ M., PİR İ., TÜFEKÇİ E.

25th International Congress of Theoretical and Applied Mechanics, Milan, Italy, 23 - 27 August 2021

III. 23 METRE UZUNLUĞUNDA BİR KOMPOZİT RÜZGAR TÜRBİN KANADININ İÇ YAPISININ TOPOLOJİ OPTİMİZASYONU İLE TASARLANMASI

Özkan Y., Koçak O., PİR İ., TÜFEKÇİ M.

22. ULUSAL MEKANİK KONGRESİ, Adana, Turkey, 06 September 2021, pp.540-550

IV. KÖPÜK ÇEKİRDEK MALZEMESİNİN BOŞLUK ORANININ KOMPOZİT RÜZGAR TÜRBİN KANADININ YAPISAL DAVRANIŞINA ETKİSİNİN İNCELENMESİ

Koçak O., Özkan Y., PİR İ., TÜFEKÇİ M.

22. ULUSAL MEKANİK KONGRESİ, Adana, Turkey, 06 September 2021, pp.564-573

V. Polimerik Membranların Üretimi ve Nanokompozit Membranların Mori-Tanaka Yöntemi ile Mekanik Özelliklerinin Belirlenerek Modellenmesi

Acarer S., PİR İ., TÜFEKÇİ M., TÜRKOĞLU DEMİRKOL G., TÜFEKÇİ N.

5th International Symposium on the Environment and Morals, Turkey, 24 - 25 September 2020

Metrics

Publication: 11

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H-Index (Scopus): 2