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Personal Information

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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

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- 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 (Journal Indexed in SCI)
- 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 (Journal Indexed in SCI)

Refereed Congress / Symposium Publications in Proceedings

- I. **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
- II. **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
- III. **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

IV. 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