

Asst. Prof. Banu ESENCAN TRKASLAN

Personal Information

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Education Information

Doctorate, Suleyman Demirel University, Fen Bilimleri Enstits, Kimya (Dr), Turkey Continues

Postgraduate, Suleyman Demirel University, Fen Bilimleri Enstits, -, Turkey Continues

Undergraduate, Ankara University, Mhendislik Fakltesi, Kimya Mhendislięi, Turkey Continues

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Postgraduate, İletken Polimer-Kil Kompozitlerinin Sentezi ve Bu Kompozitlerin Adsorpsiyon zelliklerinin İncelenmesi , Suleyman Demirel University, Fen Edebiyat Fakltesi, Kimya, 2006

Doctorate, İletken polimer/ inorganik kompozitlerinin atmosferik plazma yntemi ile sentezi ve zelliklerinin incelenmesi, Suleyman Demirel University, Fen Edebiyat Fakltesi, Kimya, 2005

Research Areas

Chemical Engineering and Technology, Chemistry, nanocomposites

Academic Titles / Tasks

Assistant Professor, Suleyman Demirel University, Mhendislik Fakltesi, Kimya Mhendislięi, 2016 - Continues

Expert, Suleyman Demirel University, Mhendislik Fakltesi, Kimya Mhendislięi, 2010 - 2016

Courses

Nanoteknolojiye Giriş, Postgraduate, 2017 - 2018

Kompozit Malzemeler, Postgraduate, 2017 - 2018

Gıda Mhendislięinde Reaksiyon Kinetięi, Undergraduate, 2017 - 2018

Ayrırma İřlemleri, Undergraduate, 2017 - 2018

Kimya Mhendislięi Laboratuvarı, Undergraduate, 2017 - 2018

Akışkanlar Mekanięi, Undergraduate, 2017 - 2018

Fizikokimya, Undergraduate, 2017 - 2018

Mhendislik Termodinamięi, Undergraduate, 2016 - 2017

Polimer Bilimine Giriş, Undergraduate, 2016 - 2017

Advising Theses

ESENCAN TÜRKAŞLAN B., Biyouyumlu Grafen Yapılarının Sentezi, Postgraduate, M.FİLİZ(Student), Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Evaluating the X-ray-Shielding Performance of Graphene-Oxide-Coated Nanocomposite Fabric**
TÜRKAŞLAN S. S. , UĞUR Ş. S. , ESENCAN TÜRKAŞLAN B., Fantuzzi N.
MATERIALS, vol.15, no.4, 2022 (Journal Indexed in SCI)
- II. **Influences of Elastic Foundations and Material Gradient on the Dynamic Response of Polymer Cylindrical Pipes Patterned by Carbon Nanotube Subjected to Moving Pressures**
DENİZ A., Avey M., Fantuzzi N., Sofiyev A., ESENCAN TÜRKAŞLAN B., YÜCE S., Schnack E.
NANOMATERIALS, vol.11, no.11, 2021 (Journal Indexed in SCI)
- III. **The effect of functionalized titanium dioxide nanotube reinforcement on the water sorption and water solubility properties of flowable bulk-fill composite resins**
Karaca M. K. , KAM HEPDENİZ Ö., ESENCAN TÜRKAŞLAN B., GÜRDAL O.
ODONTOLOGY, 2021 (Journal Indexed in SCI)

Refereed Congress / Symposium Publications in Proceedings

- I. **GRAPHENE OXIDE DOPED FLUID COMPOSITE RESIN SYNTHESIS AND SURFACEHARDNESS ANALYSIS)**
AĞAR M., ESENCAN TÜRKAŞLAN B., ÜSTÜNDAĞ M., TÜRKAŞLAN S. S.
International Young Researchers Student Congress, 28 - 30 November 2019
- II. **Grafen Oksit Esaslı Nanokompozit Polyester ve Pamuklu Tekstil Materyallerinin Geliştirilmesi**
DOĞAN B., UĞUR Ş. S. , ESENCAN TÜRKAŞLAN B.
3. Uluslararası Tekstil Teknolojisindeki ve Kimyasındaki Son Gelişmeler Sempozyumu, 20 - 22 November 2019
- III. **Surface Stainability of CAD/CAM and Nanocomposite Resin Materials**
ERKEN M., BAŞAĞAOĞLU DEMİREKİN Z., ESENCAN TÜRKAŞLAN B., TÜRKAŞLAN S. S.
International Conference on Science and Technology, 05 September 2018
- IV. **The main problem of developing universities in Turkey: Learning with foreign language**
YİĞİTARSLAN S., ESENCAN TÜRKAŞLAN B.
2nd Cyprus International Conference on Educational Research (CY-ICER), CYPRUS, 14 - 16 February 2013, vol.89, pp.662-666
- V. **Science education with the method of learning-by-doing**
Sevli M. A. , ESENCAN TÜRKAŞLAN B., YİĞİTARSLAN S.
2nd Cyprus International Conference on Educational Research (CY-ICER), CYPRUS, 14 - 16 February 2013, vol.89, pp.830-834
- VI. **Mobile Science and Art**
YİĞİTARSLAN S., ESENCAN TÜRKAŞLAN B., Bilgin S. V.
World Conference on Design, Arts and Education (DAE), Antalya, Turkey, 1 - 04 May 2012, vol.51, pp.512-515

Citations

Total Citations (WOS):46

h-index (WOS):4