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Education Information

Postgraduate, Yildiz Technical University, Faculty Of Chemical And Metallurgical Engineering, Turkey 2013 - 2015

Undergraduate, Marmara University, Ataturk Faculty Of Education, Biyoloji , Turkey 1991 - 1995

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Postgraduate, Periferik damar görüntüleme sıcaklık duyarlı PEGDA hidrojellerinin kullanılabilirliğinin araştırılması, Yildiz Technical University, Faculty Of Chemical And Metallurgical Engineering, Department Of Bioengineering, 2014

Research Areas

Life Sciences, Biotechnology, Biomaterial, Natural Sciences

Academic Titles / Tasks

Lecturer, Yildiz Technical University, Rectorate, BİTUAM, 2013 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Anti-tumoural activity of 3D printed fluorohydroxyapatite–polylactic acid scaffolds combined with graphene oxide and doxorubicin**
Agsous M., Hafit K., Yala S., Oktay B., Bingöl A. B., ŞENEL İ., ÜSTÜNDAĞ C. B.
Polymer International, vol.74, no.3, pp.277-285, 2025 (SCI-Expanded)
- II. **Development of Specially Designed Nanoparticle-coated 3D-printed Gelatin Methacryloyl Patches for Potential Tissue Engineering Applications**
Bedir T., Baykara D., ŞAHİN A., ŞENEL İ., Kaya E., TINAZ G., GÜNDÜZ O., ÜSTÜNDAĞ C. B.
Macromolecular Materials and Engineering, vol.310, no.2, 2025 (SCI-Expanded)
- III. **Development of bilayer tissue-engineered scaffolds: combination of 3D printing and electrospinning methodologies**

Yilmaz H., Bedir T., GURSOY S., KAYA E., ŞENEL İ., TINAZ G. B., GÜNDÜZ O., ÜSTÜNDAĞ C. B.

Biomedical Materials (Bristol), vol.19, no.4, 2024 (SCI-Expanded)

IV. Blend Electrospinning of Nigella sativa-Incorporating PCL/PLA/HA Fibers and Its Investigation for Bone Healing Applications

Moghaddasi M., Özdemir M. M. M., Noshahr A. T., Özadenç H. M., Oktay B., Bingöl A. B., Pelit Arayıcı P., Eraslan A., Şenel İ., Chifiriuc M. C., et al.

ACS Omega, vol.9, no.9, pp.10267-10275, 2024 (SCI-Expanded)

V. Production of biologically safe and mechanically improved reduced graphene oxide/hydroxyapatite composites

Ozturk E., Özbek B., Şenel İ.

MATERIALS RESEARCH EXPRESS, vol.4, no.1, 2017 (SCI-Expanded)

Books

I. Mutagenic Effect Analysis of Synthetic Textile Dyes by Umu test

ŞENEL Ü., DEMİRTAŞ M., ŞENEL İ.

Lambert Academic Pub., Saarbrücken, 2014

Papers Published in Refereed Scientific Meetings

I. The Synthesis Of Benzofuranone and Indole Derivatives and Examination of their Cytotoxic and Anticarcinogenic Effects on NIH 3T3 and MCF7 Cells

Şenel İ., ÇALIŞKAN Z., Yalman V., Alkan F.

28. Ulusal Kimya Kongresi, 01 August 2016

II. HYDROPHONIC GREENHOUSE THE COMMON PROBLEMS AND SOLUTIONS

ŞENEL Ü., ŞENEL İ., YILDIRIM R., AĞIR İ., CEMEK M., İŞILDAK İ.

BIOENG '15 II. INTERNATIONAL BIOENGINEERING CONFERENCE, 25 - 26 November 2015

III. Hdrophonic Greenhouse Common Problems and Solutions

ŞENEL Ü., ŞENEL İ., YILDIRIM R., AĞIR İ., CEMEK M., İŞILDAK İ.

BIOENG '15 II. INTERNATIONAL BIOENGINEERING CONFERENCE, 25 - 27 November 2015

IV. Investigation of Mutagenic Effects of Synthetic Acidic Textile Dyes by Umu Test Salmonella thyphimurium TA1535 pSK1002 a Short Term Bacterial Assay

ŞENEL Ü., DEMİRTAŞ M., ŞENEL İ., DOLUNAY A., Güveli M. E., ÇELEBİ K., DENLİ S.

BIOENG '15 II. INTERNATIONAL BIOENGINEERING CONFERENCE, 25 - 27 November 2015

V. Hydroponic Greenhouse: The Common Problems and Solutions

Şenel Ü., ŞENEL İ., YILDIRIM R., AĞIR İ., CEMEK M., İŞILDAK İ.

II. INTERNATIONAL BIOENGINEERING CONFERENCE, İstanbul, Turkey, 25 October 2015, pp.145-155

Patent

İşıldak İ., Altıkatoğlu Yapaöz M., Şenel İ., Damar görüntülemesi yapan püskürtülebilir veya spreylenebilir yapıda bir karışım, Patent, CHAPTER A Human Needs, The Invention Registration Number: 2014/14971 , Standard Registration, 2018

Şenel İ., An ejectable or sprayable mixture providing blood vessel imaging, Patent, CHAPTER A Human Needs, The Invention Registration Number: WO 2016/093788 Al , Standard Registration, 2016

Metrics

Publication: 13

Citation (WoS): 15

Citation (Scopus): 19

H-Index (WoS): 1

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