

# **Prof. DENİZ TANYOLAÇ**

## **Personal Information**

**Office Phone:** [+90 312 297 7400](tel:+903122977400)

**Email:** deniztan@hacettepe.edu.tr

**Web:** <https://avesis.hacettepe.edu.tr/deniztan>

**Address:** 06800

## **Education Information**

Doctorate, Hacettepe University, Mühendislik Fakültesi, Kimya Mühendisliği, Turkey 1984 - 1994

## **Foreign Languages**

English, C1 Advanced

## **Research Areas**

Chemical Engineering and Technology, Biotechnology, Biomedical Engineering, Engineering and Technology

## **Academic Titles / Tasks**

Professor, Hacettepe University, Mühendislik Fakültesi, Kimya Mühendisliği Bölümü, 1979 - 1984

## **Advising Theses**

TANYOLAÇ D., Biyoaktif, biyobozunur yeni bir yara örtü filmi hazırlanması ve karakterizasyonu, Doctorate, Y.GÜNAYDIN(Student), 2016

TANYOLAÇ D., Şap virüsü üretiminde kullanılan BHK 21 An30 hücrelerinin kesikli üretim prosesinde biyokinetik parametrelerinin incelenmesi, Postgraduate, M.ÖZYİĞİT(Student), 2012

TANYOLAÇ D., Sürekli annular kromatografi ile glukoz ve fruktozun ayrılması, Postgraduate, Y.ONARAN(Student), 2009

## **Published journal articles indexed by SCI, SSCI, and AHCI**

- I. **Ozonated Olive Oil with a High Peroxide Value for Topical Applications: In-Vitro Cytotoxicity Analysis with L929 Cells**  
Günaydin Y., Sevim H., Tanyolaç D., Gurpinar O. A.  
OZONE-SCIENCE & ENGINEERING, vol.40, no.1, pp.37-43, 2018 (SCI-Expanded)
- II. **Growth and photochemical responses of three crop species treated with textile azo dyes**  
ÇİÇEK N., Efeoglu B., TANYOLAÇ D., EKMEKÇİ Y., STRASSER R. J.  
TURKISH JOURNAL OF BOTANY, vol.36, no.5, pp.529-537, 2012 (SCI-Expanded)
- III. **Weakly ferromagnetic microspheres bearing paramagnetic CrBO<sub>3</sub> core and nonmagnetic**

### **polyvinylbutyral shell**

ÖZTÜRK O., TANYOLAÇ D., ÖZCAN Ş., Zumreoglu-Karan B.

POLYMERS FOR ADVANCED TECHNOLOGIES, vol.20, no.12, pp.1096-1101, 2009 (SCI-Expanded)

### **IV. A crop tolerating oxidative stress induced by excess lead: maize**

EKMEKÇİ Y., TANYOLAÇ D., Ayhan B.

ACTA PHYSIOLOGIAE PLANTARUM, vol.31, no.2, pp.319-330, 2009 (SCI-Expanded)

### **V. Effects of cadmium on antioxidant enzyme and photosynthetic activities in leaves of two maize cultivars**

EKMEKÇİ Y., TANYOLAÇ D., Ayhan B.

JOURNAL OF PLANT PHYSIOLOGY, vol.165, no.6, pp.600-611, 2008 (SCI-Expanded)

### **VI. Changes in photochemical and antioxidant enzyme activities in maize (*Zea mays L.*) leaves exposed to excess copper**

Tanyolac D., Ekmekci Y., Unalan S.

CHEMOSPHERE, vol.67, no.1, pp.89-98, 2007 (SCI-Expanded)

## **Refereed Congress / Symposium Publications in Proceedings**

### **I. Tekstil boyalarının misir bitkisinin gelişimi üzerine etkileri**

ÇİÇEK N., EKMEKÇİ Y., TANYOLAÇ D.

20. Ulusal Biyoloji Kongresi, Turkey, 22 - 25 June 2010

### **II. Estimating Textile Dye Impact on Early Seedling Stage of Some Crops Species by the Fast Chlorophyll a Fluorescence Rise OJIP**

ÇİÇEK N., TANYOLAÇ D., EKMEKÇİ Y.

Conference "Responses of Plants to Environmental Stresses", 12 - 14 May 2008, pp.58

## **Supported Projects**

YÜKSEL ORHAN Ö., KOÇUM İ. C., TANYOLAÇ D., Project Supported by Higher Education Institutions, BİR OZON JENERATÖRÜ, 2016 - 2021

TANYOLAÇ D., GÜNAYDIN Y., Project Supported by Higher Education Institutions, Biyoaktif Bir Doku Onarım Tabakası, 2017 - 2019

TANYOLAÇ D., GÜNAYDIN Y., Project Supported by Higher Education Institutions, Biyoaktif Bir Doku Onarım Tabakası, 2015 - 2018

TANYOLAÇ D., GÜNAYDIN Y., Project Supported by Higher Education Institutions, Biyoaktif Bir Doku Onarım Tabakası, 2015 - 2017

## **Metrics**

Publication: 8

Citation (WoS): 419

Citation (Scopus): 13

H-Index (WoS): 4

H-Index (Scopus): 3