



# WBTECH

**Volume 1      Issue 1      2021**

Publisher : Ataturk University  
Address : İspir Hamza Polat Vocational College, Atattürk University, Erzurum, Turkey  
Phone : +90 4424515039  
Fax : +90 4424512959  
E-mail : [worldbiomedtech@atauni.edu.tr](mailto:worldbiomedtech@atauni.edu.tr)  
[sevda.saritas@atauni.edu.tr](mailto:sevda.saritas@atauni.edu.tr)

Cover Design: Murat Suna

Frequency : 2 issues per year (June, December)  
Website : <http://bilimseldergiler.atauni.edu.tr/system/worlbiomedtech>

### ***Editor-in-Chief***

***Asst. Prof. Sevda SARITAŞ*** Department of Electric Power Generation, Transmission and Distribution,  
İspir Hamza Polat Vocational College, Atattürk University, Erzurum, Turkey, Phone: +904424515039  
[sevda.saritas@atauni.edu.tr](mailto:sevda.saritas@atauni.edu.tr)

## *Associate Editors*

*Asst. Prof. Haluk Kemal NARMANLIOĞLU* İspir Hamza Polat Vocational School, Department of Plant Protection, Atatürk University Erzurum, Turkey, [knarmanli@atauni.edu.tr](mailto:knarmanli@atauni.edu.tr)

*Asst. Prof. Tuba ÇAKICI* İspir Hamza Polat Vocational School, Department of Electricity and Energy, Atatürk University, Erzurum, Turkey, [tuba.cakici@atauni.edu.tr](mailto:tuba.cakici@atauni.edu.tr)

*Asst. Prof. Semra Çiçek* Faculty of Agriculture, Department of Animal Biotechnology, Atatürk University Erzurum, 25240, Erzurum, Turkey, [semra.cicek@atauni.edu.tr](mailto:semra.cicek@atauni.edu.tr)

*Asst. Prof. Ali Atasever* İspir Hamza Polat Vocational School, Department of Biochemistry, Atatürk University, [aliatasever@atauni.edu.tr](mailto:aliatasever@atauni.edu.tr)

*Asst. Prof. Aytac Levet* İspir Hamza Polat Vocational School, Department of Electricity and Energy, Atatürk University Erzurum, Turkey, [aytaclevet@atauni.edu.tr](mailto:aytaclevet@atauni.edu.tr)

*Assoc. Prof. Mine Uğurlu* Science Faculty, Department of Physics, Atatürk University, Erzurum, 25240, Erzurum, Turkey, [ugurlumine25@gmail.com](mailto:ugurlumine25@gmail.com)

*Asst. Prof. Günay Merhan Muğlu* Hıms Vocational School, Department of Medical Services and Techniques, Atatürk University, Erzurum, Turkey, [gunay.merhan@atauni.edu.tr](mailto:gunay.merhan@atauni.edu.tr)

## Table of Contents

### **Research Article**

#### **Effects of Ferulic Acid on Human Serum Paraoxonase Enzyme Purified by Three Phase Partitioning**

**Semra Çiçek** / Pages: 1-7

<http://bilimseldergiler.atauni.edu.tr/system/worlbiomedtech/article/view/121/1-1-2021-1-7>

#### **The Effect of Annealing Temperature on Al Doped Fe<sub>2</sub>O<sub>3</sub> Thin Films Grown by Sputtering Technique**

**Erdal Turgut** / Pages:8-10

<http://bilimseldergiler.atauni.edu.tr/system/worlbiomedtech/article/view/228/1-1-2021-8-10>

#### **Transmission Electron Microscope (TEM)**

**Zeynep Orhan**/Pages:11-14

<http://bilimseldergiler.atauni.edu.tr/system/worlbiomedtech/article/view/111/1-1-2021-11-14>

#### **Raman Spectroscopy and Its Applications**

**Yılmaz Şahin** / Pages: 15-18

<http://bilimseldergiler.atauni.edu.tr/system/worlbiomedtech/article/view/131/1-1-2021-15-18>

#### **Determination of Structural Properties of Fe<sub>2</sub>O<sub>3</sub> Compound**

**Sevda Sarıtaş** / Pages : 19-21

<http://bilimseldergiler.atauni.edu.tr/system/worlbiomedtech/article/view/109/1-1-2021-19-21>