

**VOLUME:7 / ISSUE:1 / YEAR:2023**  
**ISSN:2651-401X / e-ISSN:2651-4028**

**Owner**

Assoc.Prof.Dr. Hamza Kandemir  
Kutbilge Association of Academicians, Türkiye

**Editor-in-chief**

Assoc.Prof.Dr. Mustafa Karaboyacı  
Suleyman Demirel University, Türkiye

**Co-Editors**

Asst. Prof.Dr. Abdullah Beram  
Pamukkale University, Türkiye

Asst. Prof.Dr. Serkan Özdemir  
Isparta University of Applied Sciences, Türkiye

**Technical Editors:**

Instructor Doğan Akdemir  
Balıkesir University, Türkiye

Res. Asst. Tunahan Çınar  
Düzce University, Türkiye

**Language Editor**

Instructor Berna Yakçinkaya  
University of Delaware, USA

**Layout Editor**

Instructor Şerafettin Atmaca  
Süleyman Demirel University, Türkiye

**Press:**

Kutbilge Association of Academicians  
Distribution, Sales, Publisher;  
Certificate No: 42086  
32040, Isparta, Türkiye

**Contact:**

Kutbilge Association of Academicians, 32040,  
Isparta, TÜRKİYE

**Web Site:**

<https://dergipark.org.tr/tr/pub/bilgesci>

**E-mail:**

[bilgesci@gmail.com](mailto:bilgesci@gmail.com)

**Editors**

Prof. Dr. Steve Woodward  
University of Aberdeen, United Kingdom

Assoc. Prof. Dr. Grzegorz Kowaluk  
Warsaw University of Life Sciences-SGGW, Poland

Asst. Prof. Dr. Refika Ceyda Beram  
Pamukkale University, Türkiye

Assoc. Prof. Dr. Halil Suel  
Isparta University of Applied Sciences, Türkiye

Assoc. Prof. Dr. Joanna Boguniewicz-Zablocka  
Opole University of Technology, Poland

Assoc. Prof. Dr. Emrah Altun  
Bartın University, Türkiye

Prof. Dr. Ecir Küçüksille  
Suleyman Demirel University, Türkiye

Prof. Dr. Halil Gökce  
Giresun University, Türkiye

Prof. Dr. Alaattin Kaçal  
Kutahya Dumlupınar University, Türkiye

Assoc. Prof. Dr. Özdemir Şentürk  
Burdur Mehmet Akif University, Türkiye

Dr. Müge Ünal Çilek  
Fırat University, Türkiye

Dr. Mehmet Tekin  
Akdeniz University, Türkiye

Assoc. Prof. Dr. Kubilay Taşdelen  
Isparta University of Applied Sciences, Türkiye

Dr. Izabela D. Czabak-Górska  
Opole University of Technology, Poland

Dr. Muhamet Ahmeti  
University Of Business and Technology, Kosovo

Dr. Cengiz Çesko  
University Of Business and Technology, Kosovo

VOLUME:7 / ISSUE:1 / YEAR:2023  
ISSN:2651-401X / e-ISSN:2651-4028

A peer reviewed international journal, published biannually by Kutbilge Association of Academicians.

The journal is indexed in **Index Copernicus**, **Crossref**, **AcademicKey**, **Araştırmaz**, **CiteFactor**, **Eurasian Scientific Journal Index (ESJI)**, **Infobase Index**, **ROAD**, **JIFACTOR**, **Rootindexing**, **Science Library Index**, **Cosmos Index**, **Directory of Research Journals Indexing (DRJI)**, **International Institute of Organized Research (I2OR)**, **Journal Factor**, **Google Scholar**, **Researchbib**, **Scientific Indexing Service (SIS)**, **ISI (International Scientific Indexing)**, **IPIndexing**, **ASOS Indeks**, **ScienceGate**, **Scilit**, **IJI Factor** and **ACAR Indeks**.



**VOLUME:7 / ISSUE:1 / YEAR:2023**  
**ISSN:2651-401X / e-ISSN:2651-4028**

**CONTENTS**

**Research Articles**

- Antifungal Activities of Essential Oil Obtained from *Mentha spicata* var. *Crispa* against Selected *Penicillium* Species  
**Hana Ďúranová, Veronika Valková, Lucia Galovičová, Nenad Vukovic, Milena Vukic, Miroslava Kačániová.....1-8**
- Antifungal Efficacy of Mint Essential Oil Against *Penicillium* spp. Inoculated on Carrots  
**Veronika Valková, Hana Ďúranová, Lucia Galovičová, Nenad Vukovic, Milena Vukic, Miroslava Kačániová..... 9-16**
- Challenges in Lecturing Sport and Exercise Technology using Online Platforms during the COVID-19 Pandemic  
**Chantell Gouws, Gerrit Jan Breukelman, Lourens Millard..... 17-21**
- Characterization Of Soil For Road Shoulders Mixed With Reclaimed Asphalt Pavement Waste  
**Saber Shah Saberi, Azman Mohamed..... 22-32**
- Climate Change Will Cause a Pollination Crisis in the Mediterranean Basin  
**Akın Kıracı, Selçuk Birer..... 33-37**
- Evaluation of the Warehouse Location Alternatives for Possible Great Istanbul Earthquake  
**Aslı Gül Yalçındağ, Mehtap Dursun, Nazlı Göker..... 38-42**
- Examination of Player Positions by Cluster Analysis  
**Okan Dağ, Asım Sinan Yüksel, Şerafettin Atmaca..... 43-48**
- Realization of a Bionic Hand Controlled via Bluetooth Communication Utilizing a Microcontroller  
**Hayati Mamur, Ceren Dölek, Mehmet Ali Üstüner..... 49-54**
- The use of An Artificial Neural Network for Predicting the Machining Characterizing of Wood materials Densified by Compressing  
**Mustafa Tosun, Sait Dünder Sofuoğlu..... 55-62**
- The Effects of the Traditional Data Augmentation Techniques on Long Bone Fracture Detection  
**Gölnur Begüm Cangöz, Selda Güney..... 63-69**
- Simulation of Load Behavior Based on Perturb-Observation Method in Non-Isolated Boost Converter for Maximum Power Point Tracking of Thermoelectric Generators  
**Hayati Mamur, Çiğdem Akyıldız, Mehmet Ali Üstüner..... 70-77**

- Post-Pandemic Spatial Decisions with University Students' Awareness of Covid-19 Measures in The Built Environment  
**Tuğçe Pekdoğan, Mina Aslan**..... 78-84
- Antibacterial Activity of The Vapor Phase of *Thymus mastichina* Essential Oil  
**Lucia Galovičová, Natália Čmiková, Veronika Valková, Miroslava Kačániová**..... 85-90

**Review Article**

- Characteristics Of Some Warm Climate Grass Plants Commonly Used In Green Field Plant  
**Selçuk Birer**..... 91-94