

Lect. İLYAS AY

Personal Information

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International Researcher IDs

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Education Information

Doctorate, Karadeniz Technical University, Sağlık Bilimleri Enstitüsü, Farmakoloji, Turkey 2022 - Continues

Postgraduate, Selcuk University, Institute Of Health Sciences, Veterinerlik Fizyoloji, Turkey 2020 - 2021

Undergraduate, Selcuk University, Faculty Of Veterinary Medicine, Turkey 2015 - 2020

Certificates, Courses and Trainings

Health&Medicine, Gastrointestinal Sistem Onkolojik Rezeksiyon Materyallerine Yaklaşım ve Raporlama Kursu, Anadolu Patoloji Derneği, 2022

Quality Management, İyi Laboratuvar Uygulamaları, TÜRKAK, 2022

Health&Medicine, Deney Hayvanları Kullanım Sertifikası, Selcuk University Experimental Medicine and Research Center, 2021

Research Areas

Veterinary Sciences

Academic Titles / Tasks

Lecturer, Karadeniz Technical University, Rektörlük, Drug and Pharmaceutical Technology Application and Research Center, 2021 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- DL-EDOF: Novel Multi-Focus Image Data Set and Deep Learning-Based Approach for More Accurate and Specimen-Free Extended Depth of Focus**
Doğan H., Doğan R. Ö., Ay İ., Sezen F. S.
Journal of Imaging Informatics in Medicine, vol.1, pp.1-25, 2024 (SCI-Expanded)

Refereed Congress / Symposium Publications in Proceedings

- I. **An Efficient Technique based on Deep Learning for Automatic Focusing in Microscopic System**
Dođu F. T., Dođan H., Dođan R. Ö., Ay İ., Sezen F. S.
2nd INTERNATIONAL CONGRESS of ELECTRICAL and COMPUTER ENGINEERING, Balıkesir, Turkey, 22 November - 25 December 2023, pp.1-6
- II. **GLP STANDARTLARINDA AKUT ORAL TOKSİSİTE ÇALIŞMASI: KTÜ İLAFAR TECRÜBESİ**
Ay İ., Çakır Çoban C., Sevgi S., Gün E., Sezen F. S.
6. International Food, Agriculture and Veterinary Sciences Congress, Ganca, Azerbaijan, 22 - 23 September 2023, pp.727-729
- III. **Is Hydrophobic Sand an Alternative to Metabolic Cages in Animal Experimentation?**
Ay İ., Kalha Z., Sevgi S., Sezen F. S.
5. Ulusal Laboratuvar Hayvanları Bilimi Kongresi, İstanbul, Turkey, 14 - 16 September 2023, pp.199-200

Supported Projects

DOĐAN H., AY İ., DOĐAN R. Ö., Project Supported by Higher Education Institutions, Mikroskopik Sistemlerde Kan Hücrelerinin 3B Görüntülenmesi için Veri Seti Oluşturulması ve Makine Öğrenmesi Algoritmalarının Geliştirilmesi, 2023 - Continues

ENGİN S., SEZEN F. S., KAYA YAŞAR Y., BARUT E. N., AY İ., Project Supported by Higher Education Institutions, Dimetil fumaratın diyabetik erektil disfonksiyonda koruyucu etkisinin araştırılması, 2022 - Continues

Scientific Research / Working Group Memberships

Farmakoloji Araştırmalarında İnovatif Yapay Zeka Uygulamaları, Karadeniz Technical University, Turkey, <https://avesis.ktu.edu.tr/arastirma-grubu/pharmai>, 2023 - Continues

Metrics

Publication: 5

Congress and Symposium Activities

6TH International Food, Agriculture and Veterinary Science Congress, Attendee, Ganca, Azerbaijan, 2023

5. Ulusal Laboratuvar Hayvanları Bilimi Kongresi, Attendee, İstanbul, Turkey, 2023