

## Res. Asst. KUBİLAY ATAŞ

### Personal Information

**Email:** [kuatas@gelisim.edu.tr](mailto:kuatas@gelisim.edu.tr)

**Web:** <https://avesis.gelisim.edu.tr/kuatas>

### International Researcher IDs

ScholarID: Cin4g5EAAAAJ

ORCID: 0000-0002-3307-866X

Publons / Web Of Science ResearcherID: HNQ-9844-2023

Yoksis Researcher ID: 320079

### Education Information

Doctorate, Yildiz Technical University, Faculty Of Electrical & Electronics, Electronics And Communication Engineering, Turkey 2022 - Continues

Postgraduate, Yildiz Technical University, Faculty Of Electrical & Electronics, Electronics And Communication Engineering, Turkey 2018 - 2022

Undergraduate, Hatay Mustafa Kemal University, Mühendislik Fakültesi, Elektrik-Elektronik Mühendisliği Bölümü, Turkey 2009 - 2014

### Dissertations

Postgraduate, Embedded system design for drive security, Yildiz Technical University, Graduate School Of Natural And Applied Sciences, 2022

### Research Areas

Computer Vision, Computer Learning, Pattern Recognition and Image Processing, Neural Networks, Electronic Circuits

### Academic Titles / Tasks

Research Assistant, Istanbul Gelisim University, FACULTY OF ENGINEERING AND ARCHITECTURE, ELECTRICAL AND ELECTRONICS ENGINEERING, 2020 - Continues

### Courses

Mikroişlemciler Laboratuvarı, Undergraduate, 2021 - 2022

Devre Analizi II Laboratuvarı, Undergraduate, 2021 - 2022

Güç Elektronikleri Laboratuvarı, Undergraduate, 2020 - 2021

Elektrik Makineleri Laboratuvarı, Undergraduate, 2020 - 2021

Devre Analizi I Laboratuvarı, Undergraduate, 2020 - 2021

## Articles Published in Other Journals

- I. **LiDAR-tabanlı Toplam Değişinti kısıtlı negatif-olmayan tensör faktörizasyonu ile hiperspektral karışım giderimi**  
ATAŞ K., KAYA A., KAHRAMAN S.  
PAMUKKALE UNIVERSITY JOURNAL OF ENGINEERING SCIENCES-PAMUKKALE UNIVERSITESI MUHENDISLIK BILIMLERI DERGISI, vol.29, no.1, pp.1-9, 2023 (Peer-Reviewed Journal)
- II. **Yapay Sinir Ağı Tabanlı Model ile X-ray Görüntülerinden Covid-19 Teşhisi**  
ATAŞ K., KAYA A., MYDERRİZİ I.  
JOURNAL OF POLYTECHNIC-POLITEKNIK DERGISI, 2021 (ESCI)

## Refereed Congress / Symposium Publications in Proceedings

- I. **Investigation of temperature, humidity and force-sensitive sensors for future smart bed pads**  
Aydin S. Z., Beken G. N., Atas K., Akgol V., Erkmn B., Vural R. A.  
Fifteenth International Conference on Signal Processing Systems (ICSPTS 2023), Xian, China, 17 - 19 November 2023, pp.1-8
- II. **Detection of Driver Distraction using YOLOv5 Network**  
Atas K., Vural R. A.  
2nd Global Conference for Advancement in Technology, GCAT 2021, Bangalore, India, 1 - 03 October 2021
- III. **Implementation of CNN based COVID-19 classification model from CT images**  
Kaya A., Atas K., Myderrizi I.  
19th IEEE World Symposium on Applied Machine Intelligence and Informatics, SAMI 2021, Herlany, Slovakia, 21 - 23 January 2021, pp.201-206
- IV. **LIDAR-AIDED TOTAL VARIATION REGULARIZED NONNEGATIVE TENSOR FACTORIZATION FOR HYPERSPECTRAL UNMIXING**  
Kaya A., Atas K., Kahraman S.  
2021 IEEE International Geoscience and Remote Sensing Symposium, IGARSS 2021, Brussels, Belgium, 12 - 16 July 2021, vol.2021-July, pp.5063-5066
- V. **Depo Yönetim Sistemi Probleminin Ateşböceği Algoritması ile Çözümü Storage Management System Problem and Firefly Algorithm Solution**  
ATAŞ K., YILDIRIM T.  
2019 Innovations in Intelligent Systems and Applications Conference (ASYU), İzmir, Turkey, 31 October - 02 November 2019, pp.1-6