ÖZGEÇMİŞ (CV)

1. **Adı Soyadı:** Ali A. H. Karah Bash

2. **Doğum Tarihi:** 11/11/1983

3. **Unvanı:** Dr. Öğr. Üyesi

4. **Öğrenim Durumu:**

Derece	Alan (Field)	Üniversite	Yıl (Years)
Lisans (B Sc)	Bilgisayar ve Bilgi Mühendisliği	Musul Üniversitesi	2007
Y. Lisans (M Sc)	Elektrik ve Elektronik Mühendisliği	Gaziantep Üniversitesi	2014
Doktora (Ph. D)	Elektrik ve Elektronik Mühendisliği	Gaziantep Üniversitesi	2022

5. **Akademik Unvanlar: Dr. Öğr. Üyesi**

   Dr. Öğr. Üyesi Tarihi : 29/03/2022

6. **Yönetilen Yüksek Lisans ve Doktora Tezleri:**

   6.1 Yüksek Lisans Tezleri (A Compressive Sensing Based On Watermarking Scheme For Sparse Image).

   6.2 Doktora Tezleri (Pre-Surgical Device For Correction Of The Cleft Lip).

7. **Patentler:**

   ➢ **Turkish Patent number: 2020/04326, patent title: DUDAK YARIĞI TEDAVİSİ İÇİN BİR CİHAZ.**

   https://portal.turkpatent.gov.tr/anonim/arastirma/patent/dosya-takibi

8. Yayınlar:

8.1 Uluslararası hakemli dergilerde yayınlanan makaleler (SCI & SSCI & Arts and Humanities):

a) Karah Bash, A. A., & Ercelebi, E. (2021). A Three-Dimensional Finite Element Analysis of Displacement and Stress Distributions of Unilateral and Bilateral Cleft Lips by Using Developed Pre-Surgical Treatment Architecture. Children, 8(12), 1121.

  DOI: *10.3390/children8121121*

b) Hai, Tao, Omar I. Awad, Shaoyi Li, Jasni Mohamad Zain, and Ali A. H. Karah Bash. "The impact of using a turbulator at the nanofluid flow inlet to cool a solar panel in the presence of phase change materials using artificial intelligence." Engineering Analysis with Boundary Elements 152 (2023): 301-310.
  DOI: *https://doi.org/10.1016/j.enganabound.2023.03.025*

c) Kadirgama, Kumaran, Omar I. Awad, M. N. Mohammed, Hai Tao, and Ali A. H. Karah Bash. "Sustainable Green Energy Management: Optimizing Scheduling of Multi-Energy Systems Considered Energy Cost and Emission Using Attractive Repulsive Shuffled Frog-Leaping." Sustainability 15, no. 14 (2023): 10775.

  DOI: *https://doi.org/10.3390/su151410775*

d) Ali A H Karah Bash and Ergun Ercelebi. (2022). The Mechanical and Electronic Parts of The New Cleft Lip Correction Architecture. Biomedical Journal of Scientific and Technical Research. Biomed J Sci & Tech Res | BJSTR. MS.ID.007225.

  DOI: *10.26717/BJSTR.2022.45.007225*

  Link: *https://biomedres.us/pdfs/BJSTR.MS.ID.007225.pdf*

e) Abed, Adnan Ajam, Mahmood Sh Suwaed, Ameer H. Al-Rubaye, Omar I. Awad, M. N. Mohammed, Hai Tao, Kumaran Kadirgama, and Ali A.H. Karah Bash. "Optimizing Energy and Reserve Minimization in a Sustainable Microgrid with Electric Vehicle Integration: Dynamic and Adjustable Manta Ray Foraging Algorithm." Processes 11, no. 10 (2023): 2848.

  DOI: *https://doi.org/10.3390/pr11102848*

8.2 Uluslararası diğer hakemli dergilerde yayınlanan makaleler:

a) **Ali A.H. KARAH BASH, Sema KAYHAN (2015). Watermarked Compressive Sensing Measurements Reconstructed by the Greedy Algorithms, International Journal of Computer Theory and Engineering (IJCTE). 219-222.**

   Link:*https://www.semanticscholar.org/paper/Watermarked-Compressive-Sensing-Measurements-by-the-Karah-han/8cb9e6337cfbc832cd69256d1fc8bbe96f14af27*

b) **Ali A.H. KARAH BASH (2018). Compressive Sensing Measurements Reconstructed by OMP-PKS Algorithm Based on Watermarking Algorithm in the Sparse Image, Ejons V–International Journal On Mathematics – Engineering – Natural & Medical Sciences. 1-16.**

c) **Ali A.H. KARAH BASH (2018). Real Time Design Of Wireless Patient Monitor, Ejons V-International Journal On Mathematics – Engineering – Natural & Medical Sciences. 1-12.**

8.3 Ulusal hakemli dergilerde yayınlanan makaleler:

a) **Ali A. H. KARAH BASH, Ergun ERCELEBİ, (2023). Advancing Sentiment Analysis during the Era of Data-Driven Exploration via the Implementation of Machine Learning Principles. Balkan Journal of Electrical and Computer Engineering. Acceptance Date: October 28, 2023. Id: 1340321.**

9. Verebileceği Dersler

⊞	**Digital Image processing**	⊞	**Microprocessors**
⊞	**Circuits and systems**	⊞	**Circuit Analysis**
⊞	**Digital signal processing**	⊞	**Digital Logic Design**
⊞	**MATLAB for Engineering**		