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## **Education Information**

Doctorate, Dokuz Eylul University, Fen Bilimleri Enstitüsü, Bilgisayar Mühendisliği (Dr), Turkey 2017 - Continues

Postgraduate, Dokuz Eylul University, Fen Bilimleri Enstitüsü, Bilgisayar Mühendisliği (Yl) (Tezli), Turkey 2015 - 2017

Undergraduate, Cukurova University, Mühendislik-Mimarlık Fakültesi, Bilgisayar Mühendisliği Bölümü, Turkey 2010 - 2015

## **Dissertations**

Postgraduate, Prediction of synergistic drug combinations by using machine-learning methods, Dokuz Eylul University, Fen Bilimleri Enstitüsü, Bilgisayar Mühendisliği (Yl) (Tezli), 2017

## **Published journal articles indexed by SCI, SSCI, and AHCI**

- I. **NMSDR: Drug repurposing approach based on transcriptome data and network module similarity**  
Ünsal Ü., Cuvitoglu A., Turhan K., Işık Z.  
MOLECULAR INFORMATICS, vol.42, no.3, 2023 (SCI-Expanded)
- II. **Predicting drug synergy for precision medicine using network biology and machine learning**  
CÜVİTOĞLU A., Zhou J. X., Huang S., IŞIK Z.  
JOURNAL OF BIOINFORMATICS AND COMPUTATIONAL BIOLOGY, vol.17, no.2, 2019 (SCI-Expanded)

## **Articles Published in Other Journals**

- I. **Akciğer ve Prostat Kanseri için İlaç Yeniden Konumlandırmanın Uygulanması**  
Cüvitoğlu A., Işık Z.  
Avrupa Bilim ve Teknoloji Dergisi, vol.1, pp.297-304, 2020 (Peer-Reviewed Journal)
- II. **Evaluation machine-learning approaches for classification of Cryotherapy and Immunotherapy datasets**  
CÜVİTOĞLU A., IŞIK Z.  
International Journal of Machine Learning and Computing, vol.8, no.4, pp.331-335, 2018 (Scopus)

## **Refereed Congress / Symposium Publications in Proceedings**

- I. **Review of Drug Repositioning with Network Analysis in Cancer**

ÜNSAL Ü., CÜVİTOĞLU A., IŞIK Z., TURHAN K.

International Symposium on Health Informatics and Bioinformatics (HIBIT 2019), İzmir, Turkey, 17 - 19 October 2019

**II. Classification of CAD Dataset by Using Principal Component Analysis and Machine Learning Approaches**

CÜVİTOĞLU A., IŞIK Z.

5th International Conference on Electrical and Electronics Engineering (ICEEE), İstanbul, Turkey, 3 - 05 May 2018, pp.340-343

**III. Destek Vektör Makineleriyle İlaç Birleşimlerinin Etkilerinin Sınıflandırılması**

CÜVİTOĞLU A., IŞIK Z.

SIU 2017, 25. Sinyal İşleme ve İletişim Uygulamaları Kurultayı, Turkey, 15 - 18 May 2017

**IV. Classification of Effects of Drug Combinations with Support Vector Machines**

CÜVİTOĞLU A., IŞIK Z.

25th Signal Processing and Communications Applications Conference (SIU), Antalya, Turkey, 15 - 18 May 2017

## Metrics

Publication: 11

Citation (WoS): 22

Citation (Scopus): 34

H-Index (WoS): 2

H-Index (Scopus): 3