

Assoc. Prof. ZERRİN IŞIK



Personal Information

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International Researcher IDs

ScholarID: 0D0kf38AAAAJ

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Publons / Web Of Science ResearcherID: ABG-9392-2021

ScopusID: 22334014600

Yoksis Researcher ID: 226985

Education Information

Doctorate, Middle East Technical University, Graduate School Of Natural And Applied Sciences, Bilgisayar Mühendisliği (Dr), Turkey 2006 - 2011

Postgraduate, Sabanci University, Institute Of Science, Elektronik Mühendisliği Ve Bilgisayar Bilimi (YI) (Tezli) (İngilizce), Turkey 2001 - 2003

Undergraduate, Dokuz Eylul University, Mühendislik Fakültesi, Bilgisayar Mühendisliği Bölümü, Turkey 1996 - 2001

Dissertations

Doctorate, Network structure based pathway enrichment system to analyze pathway activities, Middle East Technical University, Fen Bilimleri Enstitüsü, Bilgisayar Mühendisliği (Dr), 2011

Postgraduate, Computational approaches to protein structure prediction, Sabanci University, Fen Bilimleri Enstitüsü, Elektronik Mühendisliği Ve Bilgisayar Bilimi (YI) (Tezli) (İngilizce), 2003

Research Areas

bioinformatics, Biocomputing, Artificial Intelligence, Computer Learning and Pattern Recognition, Neural Networks, Biomedical Image Processing

Academic Titles / Tasks

Associate Professor, Dokuz Eylul University, Mühendislik Fakültesi, Bilgisayar Mühendisliği Bölümü, 2020 - Continues

Assistant Professor, Dokuz Eylul University, Mühendislik Fakültesi, Bilgisayar Mühendisliği Bölümü, 2014 - 2020

Expert, Technische Universitaet Dresden, Biotechnology Center, Bioinformatics Group, 2011 - 2014

Academic and Administrative Experience

Bölüm Akademik Teşvik Değerlendirme Komisyonu Üyesi, Dokuz Eylul University, Mühendislik Fakültesi, Bilgisayar

Mühendisliği Bölümü, 2023 - Continues

Büyük Veri Koordinatörlüğü Üyesi, Dokuz Eylül University, Mühendislik Fakültesi, Bilgisayar Mühendisliği Bölümü, 2023 - Continues

Bölüm Müdek Komisyonu Başkanı, Dokuz Eylül University, Mühendislik Fakültesi, Bilgisayar Mühendisliği Bölümü, 2023 - Continues

Bölüm Öz Değerlendirme Komisyon Üyesi, Dokuz Eylül University, Mühendislik Fakültesi, Bilgisayar Mühendisliği Bölümü, 2021 - Continues

Uygulama ve Araştırma Merkezi Yönetim Kurulu Üyesi, Dokuz Eylül University, Mühendislik Fakültesi, Bilgisayar Mühendisliği Bölümü, 2020 - 2023

Bölüm MÜDEK Komisyonu Üyesi, Dokuz Eylül University, Mühendislik Fakültesi, Bilgisayar Mühendisliği Bölümü, 2020 - 2023

Bölüm Bologna Koordinatörü, Dokuz Eylül University, Mühendislik Fakültesi, Bilgisayar Mühendisliği Bölümü, 2020 - 2023

Deputy Head of Department, Dokuz Eylül University, Mühendislik Fakültesi, Bilgisayar Mühendisliği Bölümü, 2020 - 2023

Bölüm Akademik Teşvik Değerlendirme Komisyonu Üyesi, Dokuz Eylül University, Mühendislik Fakültesi, Bilgisayar Mühendisliği Bölümü, 2018 - 2022

Deputy Head of Department, Dokuz Eylül University, Mühendislik Fakültesi, Bilgisayar Mühendisliği Bölümü, 2016 - 2019

Courses

Ph.D. Research, Doctorate, 2024 - 2025, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018

SENIOR PROJECT, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017

Bioinformatics Algorithms, Doctorate, 2024 - 2025, 2023 - 2024, 2021 - 2022, 2018 - 2019, 2015 - 2016

ALGORITHM ANALYSIS, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018

Ph.D. Thesis, Doctorate, 2024 - 2025, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020

INTRODUCTION TO BIOINFORMATICS ALGORITHMS, Undergraduate, 2024 - 2025, 2023 - 2024, 2021 - 2022, 2016 - 2017, 2015 - 2016, 2014 - 2015

Introduction to Machine Learning, Undergraduate, 2024 - 2025, 2023 - 2024, 2022 - 2023, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017

MSc Research, Postgraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017

Computer Engineering Design, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2019 - 2020, 2018 - 2019, 2017 - 2018

MSc Thesis, Postgraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017

INTRODUCTION TO QUANTUM COMPUTING, Undergraduate, 2022 - 2023

Data Structures, Undergraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018

Foundations and Applications of Social Network Analysis, Postgraduate, 2022 - 2023

MSc Seminar, Postgraduate, 2022 - 2023, 2021 - 2022, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017

Ph.D. Seminar, Doctorate, 2022 - 2023, 2020 - 2021, 2018 - 2019

GRAPH THEORY AND ALGORITHMS, Postgraduate, 2020 - 2021, 2019 - 2020, 2017 - 2018, 2016 - 2017, 2015 - 2016

BIOINFORMATICS SCRIPTING AND PROGRAMMING, Doctorate, 2017 - 2018, 2016 - 2017

DATA STRUCTURES AND ALGORITHMS, Undergraduate, 2016 - 2017, 2015 - 2016

Senior Project Proposal, Undergraduate, 2016 - 2017, 2015 - 2016

Project Based Learning 2, Undergraduate, 2015 - 2016, 2014 - 2015

Project Based Learning 3, Undergraduate, 2016 - 2017, 2015 - 2016

Concepts of Programming Languages, Undergraduate, 2014 - 2015

Advising Theses

Işık Z., Skin Lesion Diagnosis by Using Hybrid Deep Learning Models, Doctorate, O.Alptekin(Student), Continues
Işık Z., Oktay Y., Developing Novel Targeted Theraphies Towards High Grade Glioma by Using Omics Data Integration Approaches, Doctorate, F.Öztoprak(Student), 2023
Işık Z., Identification of similar patient groups in different cancer types, Doctorate, E.Demir(Student), 2023
Işık Z., Development a computational compound repositioning approach, Doctorate, A.CÜVİTOĞLU(Student), 2023
Işık Z., Baştanlar Y., Diagnosis of Dementia Using Deep Neural Networks with Multimodal Imaging and Clinical Data, Doctorate, A.Yiğit(Student), 2023
IŞIK Z., Sosyal ağlarda bağlantı tahmini, Postgraduate, M.IŞIL(Student), 2021
IŞIK Z., Makine öğrenmesi modellerini kullanarak hisse senedi öngörüsü, Postgraduate, A.SİTE(Student), 2020
Işık Z., Hastalığa neden olan genlerin ağ analizi ile bulunması, Postgraduate, S.TENEKECİ(Student), 2019
IŞIK Z., Kanser türlerini ayırt edebilmek için biyoişaretçi tanımlaması, Postgraduate, C.BUĞRA(Student), 2019
IŞIK Z., Kanser hastalarının yaşam süresi tahmini, Postgraduate, M.ECE(Student), 2018
Işık Z., Makine öğrenmesi yöntemleriyle etkileşen ilaç kombinasyonlarının tahmin edilmesi, Postgraduate, A.CÜVİTOĞLU(Student), 2017
IŞIK Z., İlaç tedavilerinin biyolojik ağlara etkisinin değerlendirilmesi, Postgraduate, S.ERCE(Student), 2017
IŞIK Z., Makine öğrenmesi teknikleri kullanarak göğüs kanseri alt türlerinin tespit edilmesi, Postgraduate, Y.BURAKGAZİ(Student), 2017

Jury Memberships

Doctorate, Doctorate, Dokuz Eylül Üniversitesi, November, 2024
Doctorate, Doctorate, Ege Üniversitesi, September, 2024
Doctorate, Doctorate, İzmir Yüksek Teknoloji Enstitüsü, July, 2024
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Dokuz Eylül Üniversitesi, June, 2024
Post Graduate, Post Graduate, Dokuz Eylül Üniversitesi, June, 2024
Doctorate, Doctorate, Dokuz Eylul University, April, 2024
Doctorate, Doctorate, Ege University, January, 2024
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Dokuz Eylul University, November, 2023
Doctorate, Doctorate, Dokuz Eylul University, September, 2023
Doctoral Examination, Doctoral Examination, Dokuz Eylul University, July, 2023
Doctoral Examination, Doctoral Examination, Dokuz Eylul University, July, 2023
Doctorate, Doctorate, Izmir Institute Of Technology, July, 2023
Doctorate, Doctorate, Dokuz Eylul University, June, 2023
Doctorate, Doctorate, Dokuz Eylul University, March, 2023
Doctorate, Doctorate, Ege Üniversitesi, December, 2022
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Dokuz Eylül Üniversitesi, December, 2022
Doctoral Examination, Doctoral Examination, İzmir Yüksek Teknoloji Enstitüsü, November, 2022
Doctoral Examination, Doctoral Examination, Dokuz Eylül Üniversitesi, October, 2022
Doctorate, Doctorate, İzmir Yüksek Teknoloji Enstitüsü, October, 2022
Doctorate, Doctorate, Dokuz Eylül Üniversitesi, October, 2022
Doctorate, Doctorate, Ege Üniversitesi, August, 2022
Post Graduate, Post Graduate, İzmir Yüksek Teknoloji Enstitüsü, March, 2022
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Dokuz Eylül Üniversitesi, February, 2022
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Ege Üniversitesi, February,

2022

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Ege Üniversitesi, February, 2022

Doctorate, Doctorate, İzmir Yüksek Teknoloji Enstitüsü, January, 2021

Doctorate, Doctorate, Dokuz Eylül Üniversitesi, January, 2021

Post Graduate, Post Graduate, Dokuz Eylül Üniversitesi, September, 2020

Doctorate, Doctorate, İzmir Yüksek Teknoloji Enstitüsü, July, 2020

Post Graduate, Post Graduate, İzmir Yüksek Teknoloji Enstitüsü, July, 2020

Post Graduate, Post Graduate, Dokuz Eylül Üniversitesi, April, 2019

Post Graduate, Post Graduate, İzmir Yüksek Teknoloji Enstitüsü, July, 2018

Doctorate, Doctorate, Ege Üniversitesi, July, 2018

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Editorial: Biomarkers and mechanisms of gastrointestinal diseases**
Işık Z., Çalibaşı Koçal G., Yılmaz Ö.
FRONTIERS IN GENETICS, vol.15, pp.1-2, 2024 (SCI-Expanded)
- II. **New treatment alternatives for primary and metastatic colorectal cancer by an integrated transcriptome and network analyses.**
Karaca C., Demir Karaman E., Leblebici A., Kurter H., Ellidokuz H., Koc A., Ellidokuz E. B., Isik Z., Basbinar Y.
Scientific reports, vol.14, no.1, pp.8762, 2024 (SCI-Expanded)
- III. **In Silico Approach to Molecular Profiling of the Transition from Ovarian Epithelial Cells to Low-Grade Serous Ovarian Tumors for Targeted Therapeutic Insights.**
Leblebici A., Sancar C., Tercan B., Isik Z., Arayici M. E., Ellidokuz E. B., Basbinar Y., Yildirim N.
Current issues in molecular biology, vol.46, no.3, pp.1777-1798, 2024 (SCI-Expanded)
- IV. **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)
- V. **Network neighborhood operates as a drug repositioning method for cancer treatment**
Cuevitoglu A., Işık Z.
PEERJ, vol.11, 2023 (SCI-Expanded)
- VI. **Dementia diagnosis by ensemble deep neural networks using FDG-PET scans**
Yigit A., Bastanlar Y., Işık Z.
SIGNAL IMAGE AND VIDEO PROCESSING, vol.16, no.8, pp.2203-2210, 2022 (SCI-Expanded)
- VII. **In silico identification of novel biomarkers for key players in transition from normal colon tissue to adenomatous polyps.**
Isik Z., Leblebici A., Demir Karaman E., Karaca C., Ellidokuz H., Koc A., Ellidokuz E. B., Başbinar Y.
PloS one, vol.17, no.4, 2022 (SCI-Expanded)
- VIII. **Integrative Biological Network Analysis to Identify Shared Genes in Metabolic Disorders**
Tenekeci S., Isik Z.
IEEE-ACM TRANSACTIONS ON COMPUTATIONAL BIOLOGY AND BIOINFORMATICS, vol.19, no.1, pp.522-530, 2022 (SCI-Expanded)
- IX. **Compound Target Identification in Tissue-Specific Interaction Networks**
Dalkılıç F., Işık Z.
IEEE ACCESS, vol.9, pp.81702-81716, 2021 (SCI-Expanded)
- X. **A machine learning-based recommendation model for bipartite networks**
KART Ö., Ulucay O., Bingol B., IŞIK Z.
PHYSICA A-STATISTICAL MECHANICS AND ITS APPLICATIONS, vol.553, 2020 (SCI-Expanded)
- XI. **Applying deep learning models to structural MRI for stage prediction of Alzheimer's disease**
Yigit A., Işık Z.

TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, vol.28, no.1, pp.196-210, 2020
(SCI-Expanded)

- XII. **Identification of Leukemia Subtypes from Microscopic Images Using Convolutional Neural Network**
Ahmed N., Yigit A., IŞIK Z., ALPKOÇAK A.
DIAGNOSTICS, vol.9, no.3, 2019 (SCI-Expanded)
- XIII. **Ubiquitin-Proteasome Axis, Especially Ubiquitin-Specific Protease-17 (<i>USP17</i>) Gene Family, is a Potential Target for Epithelial-Mesenchymal Transition in High-Grade Serous Ovarian Cancer.**
Yıldırım N., Çalibaşı Koçal G., Işık Z., Saatli B., Saygili U., Uysal T., Ulukus C., Koyuncuoğlu Ülgün M., Ellidokuz H., Başbınar Y.
Reproductive sciences (Thousand Oaks, Calif.), vol.26, no.6, pp.794-805, 2019 (SCI-Expanded)
- XIV. **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)
- XV. **UBIQUITIN SPECIFIC PROTEASE-17 (USP17) RELATED GENES ARE POTENTIAL TARGETS FOR EPITHELIAL-MESENCHYMAL TRANSITION IN HIGH-GRADE SEROUS OVARIAN CANCER**
Yildirim N., Kocal G., Işık Z., Saatli B., Saygili U., Cakiroglu E., Uysal T., Ulukus C., Koyuncuoğlu Ülgün M., Ellidokuz H., et al.
INTERNATIONAL JOURNAL OF GYNECOLOGICAL CANCER, vol.27, pp.2050, 2017 (SCI-Expanded)
- XVI. **Integration of RNA-Seq and RPPA data for survival time prediction in cancer patients**
IŞIK Z., Ercan M. E.
COMPUTERS IN BIOLOGY AND MEDICINE, vol.89, pp.397-404, 2017 (SCI-Expanded)
- XVII. **Systematic drug perturbations on cancer cells reveal diverse exit paths from proliferative state**
Zhou J. X., IŞIK Z., Xiao C., Rubin I., Kauffman S. A., Schroeder M., Huang S.
ONCOTARGET, vol.7, no.7, pp.7415-7425, 2016 (SCI-Expanded)
- XVIII. **Drug target prioritization by perturbed gene expression and network information**
IŞIK Z., Baldow C., Cannistraci C. V., Schroeder M.
SCIENTIFIC REPORTS, vol.5, 2015 (SCI-Expanded)
- XIX. **Network information improves cancer outcome prediction**
Roy J., Winter C., IŞIK Z., Schroeder M.
BRIEFINGS IN BIOINFORMATICS, vol.15, no.4, pp.612-625, 2014 (SCI-Expanded)
- XX. **A signal transduction score flow algorithm for cyclic cellular pathway analysis, which combines transcriptome and ChIP-seq data**
IŞIK Z., Ersahin T., ATALAY M. V., Aykanat C., Cetin-Atalay R.
MOLECULAR BIOSYSTEMS, vol.8, no.12, pp.3224-3231, 2012 (SCI-Expanded)
- XXI. **Protein structural class determination using support vector machines**
IŞIK Z., Yanikoglu B., Sezerman U.
COMPUTER AND INFORMATION SCIENCES - ISCIS 2004, PROCEEDINGS, vol.3280, pp.82-89, 2004 (SCI-Expanded)

Articles Published in Other Journals

- I. **Network-Based Community Detection of Early-Stage COVID-19 Pandemic Based on the International Geographical Distance**
Bağcı Daş D., Işık Z.
SIGMA JOURNAL OF ENGINEERING AND NATURAL SCIENCES, vol.41, no.4, pp.665-676, 2023 (ESCI)
- II. **Application of network embedding and transcriptome data in supervised drug repositioning**
Kart Tokmak Ö., Kökçü G., Naz Çoçan I., Tonç B., Cüvitoğlu A., Işık Z.
International Journal of Information Technology (Singapore), vol.1, no.1, pp.1-7, 2023 (Scopus)
- III. **Multi-Omics Data Analysis Identifies Prognostic Biomarkers across Cancers**
Demir Karaman E., Işık Z.
MEDICAL SCIENCES, vol.11, no.3, pp.1-24, 2023 (Peer-Reviewed Journal)

- IV. **Comparative Transcriptome Analysis Identifies Target Genes for Treatment of IDH Wild-type Lower-grade Gliomas**
Oztoprak F., Isik Z., Oktay Y.
İzmir Tepecik Eğitim Hastanesi Dergisi, vol.33, no.1, pp.100-119, 2023 (Peer-Reviewed Journal)
- V. **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)
- VI. **A Hybrid Movie Recommendation System Using Graph-Based Approach**
Tüysüzöğlü G., Işık Z.
International Journal of Computing Academic Research, vol.7, no.2, pp.29-37, 2018 (Peer-Reviewed Journal)
- VII. **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)
- VIII. **Kanser Alt-Türlerinin Sınıflandırılması İçin RNA-Sekanslama ve RPPA Verilerinin Karşılaştırılması**
IŞIK Z.
Dokuz Eylül Üniversitesi-Mühendislik Fakültesi Fen ve Mühendislik Dergisi, vol.20, no.59, pp.606-621, 2018 (Peer-Reviewed Journal)
- IX. **Estimation of Drug Treatment Effects on the Signaling Pathways**
Erce S., IŞIK Z.
International Journal of Bioscience, Biochemistry and Bioinformatics, vol.7, no.4, pp.213-220, 2017 (Peer-Reviewed Journal)
- X. **Secure Algorithms for Biomedical Research in Public Clouds**
Beck M., Haupt V. J., Moennich J., Roy J., Jakel R., Schroeder M., IŞIK Z.
PARS-Mitteilungen, vol.31, no.1, 2014 (Non Peer-Reviewed Journal)

Books & Book Chapters

- I. **Dementia Detection with Deep Networks Using Multi-Modal Image Data**
Yiğit A., Işık Z., Baştanlar Y.
in: Diagnosis of Neurological Disorders Based on Deep Learning Techniques, Jyotismita Chaki, Editor, CRC, New York, Florida, pp.1-19, 2023
- II. **GeneCloud: Secure Cloud Computing for Biomedical Research**
Beck M., Haupt V. J., Roy J., Moennich J., Jakel R., Schroeder M., IŞIK Z.
in: Trusted Cloud Computing, Krcmar Helmut, Reussner Ralf, Rumpe Bernhard, Editor, Springer, pp.3-14, 2014

Refereed Congress / Symposium Publications in Proceedings

- I. **Disease Prediction From Human Microbiome by Utilizing Machine Learning**
Temel B. E., Kocapınar B., Işık Z.
9th International Conference on Computer Science and Engineering (UBMK), Antalya, Turkey, 26 - 28 October 2024, pp.1-5
- II. **Revealing the Effects of Normalization in Breast Cancer Mitotic Cells Detection**
Güllye M., Dalkılıç F., Işık Z.
International Congress on Human-Computer Interaction, Optimization and Robotic Applications, İstanbul, Turkey, 23 - 25 May 2024, pp.1-6
- III. **Analysis of Data Augmentation on Skin Lesion Classification by Using Deep Learning Models**
Alptekin O., Işık Z.
2022 International Symposium on Multidisciplinary Studies and Innovative Technologies (ISMSIT), Ankara, Turkey,

20 - 22 October 2022, pp.629-634

- IV. **Microarray and Pathway Analysis for Osteoarthritis Disease**
Paksoy T., Işık Z.
2022 International Symposium on Multidisciplinary Studies and Innovative Technologies (ISMSIT), Ankara, Turkey, 20 - 22 October 2022, pp.375-379
- V. **Drug Repositioning Approach Based on Network Neighborhood Metrics and Transcriptome Data**
Cüvitoğlu A., Işık Z.
International Symposium on Health Informatics and Bioinformatics, Mersin, Turkey, 20 - 21 October 2022, pp.1-2
- VI. **Algorithm-based approach to uncover potential microRNAs related to cancers of the gastrointestinal track**
Asfa S., Bonab R. A., Pavlopoulou A., Işık Z.
International Biotechnology Congress, İstanbul, Turkey, 9 - 11 September 2021, pp.132-137
- VII. **Evaluation of Link Prediction Methods on Temporal Networks**
Peten M. I., Işık Z.
Global Conference on Engineering Research (GLOBECER'21), İstanbul, Turkey, 2 - 05 June 2021, pp.412-420
- VIII. **Can the proton pump be used as a target for diagnosis and treatment of cancer?**
Girgin E., Mehtiyev R., Öz J., Leblebici A., Çalibaşı Koçal G., Işık Z., Ellidokuz E. B.
2. Uluslararası Sağlıkta Yapay Zeka Kongresi, İzmir, Turkey, 16 - 18 April 2021, pp.123-124
- IX. **Network-Based Integrative Analysis of Breast Cancer and Lung Cancer for Identifying Common Functional Mechanisms**
Demir Karaman E., Işık Z.
2. Uluslararası Sağlıkta Yapay Zeka Kongresi, İzmir, Turkey, 16 - 18 April 2021, pp.63-64
- X. **Meme ve Cilt Kanseri için Ağ Benzerliğine Dayalı İlaç Yeniden Konumlandırma Yaklaşımı**
Ünsal Ü., Cüvitoğlu A., Turhan K., Işık Z.
13. Tıp Bilişimi Kongresi, Ankara, Turkey, 24 - 27 March 2021, pp.55-58
- XI. **Integrative analysis of DNA methylation and RNA-sequencing data for identifying diagnostic cancer markers**
Demir Karaman E., Işık Z.
International Symposium on Health Informatics and Bioinformatics (HIBIT 2019), İstanbul, Turkey, 22 - 23 October 2020
- XII. **Derin Öğrenme ile Hisse Senedi Fiyat Analizi ve Öngörüsü**
Site A., Işık Z.
28. IEEE Sinyal İşleme ve İletişim Uygulamaları (SIU) Kurultayı, Gaziantep, Turkey, 5 - 07 October 2020, pp.1-7
- XIII. **Kolon kanserinde alt tip transkriptom veri analizi**
Leblebici A., Çalibaşı Koçal G., Pakdemirli A., Işık Z., Koç A., Başbınar Y., Ellidokuz E. B.
Uluslararası Sağlıkta Yapay Zeka Kongresi, İzmir, Turkey, 16 - 18 January 2020, pp.22
- XIV. **The Analysis and Forecasting of Stock Price with Deep Learning**
Site A., IŞIK Z.
28th Signal Processing and Communications Applications Conference (SIU), ELECTR NETWORK, 5 - 07 October 2020
- XV. **Supervised link prediction developed for bipartite social networks**
KART Ö., Hayirci E., KUT R. A., IŞIK Z.
3rd International Conference on Advances in Artificial Intelligence, ICAAI 2019, İstanbul, Turkey, 26 - 28 October 2019, pp.14-17
- XVI. **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
- XVII. **Network Based Approaches for Compound Target Identification**
IŞIK Z.
International Symposium on Health Informatics and Bioinformatics (HIBIT 2019), İzmir, Turkey, 17 - 19 October

2019

- XVIII. Developing Combinatorial Therapies Towards Gliomas by Network-Based Analysis of Whole Transcriptome Data**
Öztoprak F., IŞIK Z., OKTAY Y.
7th International Congress of the Molecular Biology Association of Turkey, İstanbul, Turkey, 27 - 29 September 2019
- XIX. Characterization of Cancer Types by Applying Machine Learning Methods on Blood RNA-Sequencing Data**
Alkan C. B., IŞIK Z.
3rd International Symposium on Multidisciplinary Studies and Innovative Technologies, ISMSIT 2019, Ankara, Turkey, 11 - 13 October 2019
- XX. Subtype analysis of ovarian cancer in RNA sequencing data.**
Lelebici A., Işık Z., Çalıbaşı Koçal G., Uncu B., Yıldırım N., Daşkın E., Pakdemirli A., Başbınar Y., Ellidokuz E. B.
International Hippocrates Congress on Medical and Health Sciences, Ankara, Turkey, 1 - 03 March 2019, pp.92-100
- XXI. Predicting Personality with Twitter Data and Machine Learning Models**
Ergu I., IŞIK Z., Yankayis I.
Innovations in Intelligent Systems and Applications Conference (ASYU), İzmir, Turkey, 31 October - 02 November 2019, pp.386-390
- XXII. Sentiment Analysis in Turkish Text with Machine Learning Algorithms**
Rumelli M., Akkus D., Kart Ö., Işık Z.
Innovations in Intelligent Systems and Applications Conference (ASYU), İzmir, Turkey, 31 October - 02 November 2019, pp.123-127
- XXIII. Stock Market Forecasting Using Machine Learning Models**
Site A., BİRANT D., IŞIK Z.
Innovations in Intelligent Systems and Applications Conference (ASYU), İzmir, Turkey, 31 October - 02 November 2019, pp.318-323
- XXIV. Understanding lower-grade glioma progression by integrative analysis of glioblastoma recurrence**
Öztoprak F., Okay K., IŞIK Z., OKTAY Y.
11th International Symposium on Health Informatics and Bioinformatics, 25 - 27 October 2018
- XXV. Gene co-expression network analysis to identify shared disease genes in metabolic syndrome, type 2 diabetes, and coronary artery disease**
TENEKECİ S., IŞIK Z.
11th International Symposium on Health Informatics and Bioinformatics, Antalya, Turkey, 25 - 27 October 2018
- XXVI. Investigation of potential therapeutic targets by using in silico methods in glioblastoma**
Uncu B., Asım L., Calibasi Kocal G., IŞIK Z., Basbınar Y.
25th Biennial Congress of the European Association for Cancer Research, Amsterdam, Netherlands, 30 June - 03 July 2018
- XXVII. Application of Artificial Neural Networks in Dementia and Alzheimer's Diagnosis**
Yigit A., Işık Z.
26th IEEE Signal Processing and Communications Applications Conference (SIU), İzmir, Turkey, 2 - 05 May 2018
- XXVIII. Graph theory based classification of brain connectivity network for autism spectrum disorder**
Tolan E., IŞIK Z.
6th International Work-Conference on Bioinformatics and Biomedical Engineering, IWBBIO 2018, Granada, Spain, 25 - 27 April 2018, pp.520-530
- XXIX. Character Segmentation on Natural Images with Graph-Based Representation**
Koksal A., IŞIK Z.
26th IEEE Signal Processing and Communications Applications Conference (SIU), İzmir, Turkey, 2 - 05 May 2018
- XXX. 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

- XXXI. **Graph-Based Data Mining for Compound Target Identification**
DALKILIÇ F., IŞIK Z.
3rd International Conference on Computer Science and Engineering (UBMK), Sarajevo, Bosnia And Herzegovina, 20 - 23 September 2018, pp.84-89
- XXXII. **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
- XXXIII. **Yüksek dereceli seröz over tümörlerinin peritoneal metastazlarında epitelyal mezenkimal tranzisyon (EMT) ve mezenkimal epitelyal tranzisyon (MET) yollarının transkriptom düzeyinde değerlendirilmesi**
YILDIRIM N., Calibasi Kocal G., IŞIK Z., Saatli B., SAYGILI U., Çakıroğlu E., Uysal T., ULUKUŞ E. Ç., KOYUNCUOĞLU ÜLGÜN M., ELLİDOKUZ H., et al.
22. Ulusal Kanser Kongresi, Turkey, 19 - 23 April 2017
- XXXIV. **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
- XXXV. **Classification of Breast Cancer Subtypes By Using TCGA Data**
IŞIK Z., Burakgazi Y.
International Mediterranean Science and Engineering Congress (IMSEC), 26 - 28 October 2016
- XXXVI. **Survival time prediction by integrating RNA sequencing and RPPA data**
IŞIK Z., Ercan M. E.
24rd International Conference on Intelligent Systems for Molecular Biology, Orlando, United States Of America, 8 - 12 July 2016
- XXXVII. **Breast cancer subtype prediction by using RNA sequencing data and machine learning methods**
Burakgazi Y., IŞIK Z.
International Symposium on Health Informatics and Bioinformatics, Muğla, Turkey, 16 - 17 October 2015
- XXXVIII. **Akıllı Obje Sistemi ile Zihinsel Engelli Bireylerin Eğitimi ve Rehabilitasyonu**
IŞIK Z., Şahan M., Er A., Dinçer B., Ekici A., Ülke G., Erkan H., Taysı O., İlem M., YILMAZ R., et al.
Akademik Bilişim Konferansı, Eskişehir, Turkey, 4 - 06 February 2015
- XXXIX. **Integration of gene expression data and biological networks for predicting cancer outcomes**
IŞIK Z., Roy J., Schroeder M.
International Conference on Applied Informatics for Health and Life Sciences, Turkey, 19 - 22 October 2014
- XL. **Can specific transcriptional regulators assemble a Universal Cancer Signature**
Janine R., IŞIK Z., Pilarsky C., Schroeder M.
International Symposium on Computational Models for Life Sciences, Australia, 27 - 29 November 2013
- XLI. **Evaluation of cyclic pathway activities by signal transduction score flow algorithm**
IŞIK Z., Erşahin T., ATALAY M. V., AYKANAT C., ATALAY R., Schroeder M.
21st Annual International Conference on Intelligent Systems for Molecular Biology 12th European Conference on Computational Biology, Germany, 21 - 23 July 2013
- XLII. **Assessment of network data on outcome prediction of cancer patients**
IŞIK Z., Roy J., Winter C., ATALAY M. V., ATALAY R., Schroeder M.
Systems Biology and Medicine Workshop, Russia, 11 - 14 September 2012
- XLIII. **Data and Model Driven Hybrid Approach to Activity Scoring of Cyclic Pathways**
IŞIK Z., ATALAY M. V., AYKANAT C., ATALAY R.
25th International Symposium on Computer and Information Sciences, United Kingdom, 22 - 24 September 2010
- XLIV. **Integrated Transcriptome Data Unified into the En Route of the Cell Signaling Pathways**
IŞIK Z., ATALAY M. V., ATALAY R.
International Symposium on Health Informatics and Bioinformatics, Turkey, 20 - 22 April 2010
- XLV. **Evaluation of Signaling Cascades Based on the Weights from Microarray and CHIP seq Data**
IŞIK Z., ATALAY M. V., ATALAY R.

Third International Workshop on Machine Learning in Systems Biology, Slovenia, 5 - 06 September 2009

XLVI. Integration of ChIP seq and microarray gene expression data

IŞIK Z., ATALAY M. V., ATALAY R.

International Symposium on Health Informatics and Bioinformatics, Turkey, 16 - 17 April 2009

XLVII. Progressive Clustering by Integration of Heterogenous Data From Multiple Sources for Target Gene Identification

IŞIK Z., ATALAY M. V., ATALAY R.

Second International Workshop on Machine Learning in Systems Biology, Belgium, 13 October - 14 September 2008

XLVIII. Short Time Series Microarray Data Analysis for Resistance to Selenium Deficiency

IŞIK Z., Yüzügüllü Ö., ATALAY M. V., ATALAY R.

International Symposium on Health Informatics and Bioinformatics, Turkey, 18 - 20 May 2008

XLIX. Short Time Series Microarray Data Analysis and Biological Annotation

IŞIK Z., ATALAY M. V., ATALAY R.

IEEE 16th Signal Processing, Communications and Applications Conference, Turkey, 20 - 22 April 2008

L. Protein Structural Class Determination Using Support Vector Machines

IŞIK Z., YANIKOĞLU YEŞİLYURT A. B., SEZERMAN O. U.

19th International Symposium on Computer and Information Sciences, 27 - 29 October 2004

Supported Projects

Başbınar Y., Ellidokuz H., Ellidokuz E. B., Işık Z., Çalıbaşı Koçal G., TÜBİTAK Project, Potansiyel Bir İlaç Hedefi Olarak Mekanosensitif İyon Kanalları Yoluyla Akış Basıncının Kolorektal Kanser Metastazına Etkisinin Sönümlenmesi, 2023 - 2025

Çalıbaşı Koçal G., Işık Z., Research Project of the Presidency of Turkey Health Institutes (TÜSEB), Kolorektal Kanserde Oksaliplatin Direnci ve Siyanidin-3-O- Glukozid'in Oksaliplatin Direncini Tersine Çevirmesiyle İlişkili Mekanizmaların Aydınlatılması, 2023 - 2024

Başbınar Y., Ellidokuz H., Ellidokuz E. B., Işık Z., Research Project of the Presidency of Turkey Health Institutes (TÜSEB), TLR4 ve MSX1 İfade Artışına Bağlı Kolorektal Bölge Tümör Gelişimine Karşı Kemoinformatik Stratejiler Kullanılarak Aday İlaç Tasarımı ve İn vitro Doğrulanması, 2022 - 2024

Işık Z., Başbınar Y., Çalıbaşı Koçal G., Duman M., TÜBİTAK Project, Kanserde İmmunoterapi Etkinliğinin İyileştirilmesine Yönelik Makine Öğrenmesine Dayalı Yeni Gen Keşfi ve İlaç Yeniden Konumlandırma Platformunun Geliştirilmesi, 2020 - 2023

Işık Z., Başbınar Y., Ellidokuz E. B., Ellidokuz H., Research Project of the Presidency of Turkey Health Institutes (TÜSEB), Ağ tabanlı bir sistem biyolojisi yaklaşımı ile kolorektal kanseri gelişiminde ve karaciğer metastazında etkili olan yolların ve biyobelirteçlerin tespiti, 2020 - 2022

Işık Z., Dalkılıç F., Project Supported by Higher Education Institutions, Drug target detection in tissue-specific interaction networks, 2017 - 2018

Kut R. A., Işık Z., TÜBİTAK Project, Kanser hastalarının yaşam süresi ve kanser alt kategorisinin akıllı biyomarkerlar ile tahmin edilmesi, 2015 - 2017

Işık Z., Schroeder M., Project Supported by Public Organizations in Other Countries, Cloud Computing in Drug Development for Small and Medium-Sized Businesses, 2011 - 2014

Patent

Işık Z., Başbınar Y., Turhan K., Ünsal S., Doğan T., Acar A. C., Timuçin E., Sezgin E., Kasap B., Sınırlı Eğitim Veri Kümeleri Kullanılarak Protein Fonksiyonlarını Tahmin Etme Yöntemi, Patent, CHAPTER A Human Needs, The Invention Registration Number: P21/1449 , Standard Registration, 2024

Activities in Scientific Journals

FRONTIERS IN CELL AND DEVELOPMENTAL BIOLOGY, Editor, 2023 - Continues

FRONTIERS IN GENETICS, Special Issue Editor, 2023 - 2024

SUSTAINABILITY, Special Issue Editor, 2023 - 2024

Scientific Refereeing

TUBITAK Project, 1509 - TÜBİTAK International Industry R&D Projects Support Program, Dokuz Eylul University, Turkey, October 2024

BMC CANCER, Journal Indexed in SCI-E, September 2024

TUBITAK Project, 1507 - TÜBİTAK SME R&D Start Support Program, Dokuz Eylul University, Turkey, September 2024

TUBITAK Project, 1512 - Progressive Support Program for Entrepreneurship, Dokuz Eylul University, Turkey, September 2024

SCIENTIFIC REPORTS, Journal Indexed in SCI-E, July 2024

R&D Project of Group B, Dokuz Eylul University, Turkey, July 2024

Project Supported by Higher Education Institutions, BAP Research Project, Ege University, Turkey, July 2024

R&D Project of Group B, Dokuz Eylul University, Turkey, July 2024

TUBITAK Project, 1501 - Industry R & D Projects Support Program, Dokuz Eylul University, Turkey, May 2024

TUBITAK Project, 1501 - Industry R & D Projects Support Program, Dokuz Eylul University, Turkey, May 2024

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TUBITAK Project, 1507 - TÜBİTAK SME R&D Start Support Program, Dokuz Eylul University, Turkey, April 2024

TUBITAK Project, 1507 - TÜBİTAK SME R&D Start Support Program, Dokuz Eylul University, Turkey, April 2024

TUBITAK Project, 1509 - TÜBİTAK International Industry R&D Projects Support Program, Dokuz Eylul University, Turkey, March 2024

SCIENTIFIC REPORTS, Journal Indexed in SCI-E, February 2024

HELIYON, Journal Indexed in SCI-E, February 2024

PEERJ, Journal Indexed in SCI-E, February 2024

TUBITAK Project, 1501 - Industry R & D Projects Support Program, Dokuz Eylul University, Turkey, February 2024

BMC BIOINFORMATICS, Journal Indexed in SCI-E, January 2024

TUBITAK Project, 1501 - Industry R & D Projects Support Program, Dokuz Eylul University, Turkey, December 2023

TUBITAK Project, 1512 - Progressive Support Program for Entrepreneurship, Dokuz Eylul University, Turkey, December 2023

TUBITAK Project, 1507 - TÜBİTAK SME R&D Start Support Program, Dokuz Eylul University, Turkey, November 2023

TURKISH JOURNAL OF BIOLOGY, Journal Indexed in SCI-E, October 2023

TUBITAK Project, 1509 - TÜBİTAK International Industry R&D Projects Support Program, Dokuz Eylul University, Turkey, October 2023

TUBITAK Project, 1507 - TÜBİTAK SME R&D Start Support Program, Dokuz Eylul University, Turkey, October 2023

SCIENTIFIC REPORTS, Journal Indexed in SCI-E, September 2023

ENGINEERING APPLICATIONS OF ARTIFICIAL INTELLIGENCE, Journal Indexed in SCI-E, August 2023

TUBITAK Project, 2209-A - Üniversite Öğrencileri Araştırma Projeleri Destekleme Programı, Istanbul Medeniyet University, Turkey, August 2023

SCIENTIFIC REPORTS, SCI Journal, July 2023

TUBITAK Project, 1507 - TÜBİTAK SME R&D Start Support Program, Dokuz Eylul University, Turkey, July 2023

TUBITAK Project, 1501 - Industry R & D Projects Support Program, Dokuz Eylul University, Turkey, July 2023

TUBITAK Project, 1507 - TÜBİTAK SME R&D Start Support Program, Dokuz Eylul University, Turkey, July 2023

FRONTIERS IN ONCOLOGY, Journal Indexed in SCI-E, June 2023

TUBITAK Project, 1501 - Industry R & D Projects Support Program, Dokuz Eylul University, Turkey, June 2023

Bioinformatics, Journal Indexed in SCI-E, May 2023

TUBITAK Project, 1507 - TÜBİTAK SME R&D Start Support Program, Dokuz Eylul University, Turkey, May 2023

TUBITAK Project, 1501 - Industry R & D Projects Support Program, Dokuz Eylul University, Turkey, May 2023
SCIENTIFIC REPORTS, Journal Indexed in SCI-E, April 2023
CANCER BIOMARKERS, Journal Indexed in SCI-E, April 2023
TUBITAK Project, 1512 - Progressive Support Program for Entrepreneurship, Dokuz Eylul University, Turkey, April 2023
Hittite Journal of Science and Engineering, Other Indexed Journal, March 2023
TURKISH JOURNAL OF BIOLOGY, Journal Indexed in SCI-E, March 2023
SCIENTIFIC REPORTS, Journal Indexed in SCI-E, January 2023
PEERJ, Journal Indexed in SCI-E, November 2022
TUBITAK Project, 1507 - TÜBİTAK SME R&D Start Support Program, Dokuz Eylul University, Turkey, October 2022
TUBITAK Project, 1507 - TÜBİTAK SME R&D Start Support Program, Dokuz Eylul University, Turkey, October 2022
International Symposium on Health Informatics and Bioinformatics (HIBIT), Conference Paper (Abstract), September 2022
Research Project of the Presidency of Turkey Health Institutes (TÜSEB), Dokuz Eylul University, Turkey, September 2022
TUBITAK Project, 1507 - TÜBİTAK SME R&D Start Support Program, Dokuz Eylul University, Turkey, September 2022
PEERJ, Journal Indexed in SCI-E, August 2022
IEEE Innovations in Intelligent Systems and Applications Conference (ASYU), Conference Paper (Full Text), July 2022
International Conference on INnovations in Intelligent SysTems and Applications (INISTA) , Conference Paper (Full Text), June 2022
Research Project of the Presidency of Turkey Health Institutes (TÜSEB), Dokuz Eylul University, Turkey, June 2022
TUBITAK Project, 1509 - TÜBİTAK International Industry R&D Projects Support Program, Dokuz Eylul University, Turkey, June 2022
TUBITAK Project, 1507 - TÜBİTAK SME R&D Start Support Program, Dokuz Eylul University, Turkey, April 2022
TUBITAK Project, 1501 - Industry R & D Projects Support Program, Dokuz Eylul University, Turkey, April 2022
TUBITAK Project, 1501 - Industry R & D Projects Support Program, Dokuz Eylul University, Turkey, April 2022
TUBITAK Project, 1507 - TÜBİTAK SME R&D Start Support Program, Dokuz Eylul University, Turkey, October 2021
TUBITAK Project, 1512 - Progressive Support Program for Entrepreneurship, Dokuz Eylul University, Turkey, October 2021
TUBITAK Project, 1501 - Industry R & D Projects Support Program, Dokuz Eylul University, Turkey, October 2021
TUBITAK Project, 1501 - Industry R & D Projects Support Program, Dokuz Eylul University, Turkey, April 2021
TUBITAK Project, 1501 - Industry R & D Projects Support Program, Dokuz Eylul University, Turkey, April 2021
TUBITAK Project, 1501 - Industry R & D Projects Support Program, Dokuz Eylul University, Turkey, April 2021
TUBITAK Project, 1512 - Progressive Support Program for Entrepreneurship, Dokuz Eylul University, Turkey, February 2021

Tasks In Event Organizations

Işık Z., 32. IEEE Sinyal İşleme ve İletişim Uygulamaları Kurultayı, Scientific Congress, Mersin, Turkey, Mayıs 2024
Işık Z., International Symposium on Health Informatics and Bioinformatics (HIBIT), Scientific Congress, Mersin, Turkey, Ekim 2022
Işık Z., Innovations in Intelligent Systems and Applications Conference (ASYU), Scientific Congress, Antalya, Turkey, Eylül 2022
Işık Z., International Conference on Innovations in Intelligent Systems and Applications (INISTA), Scientific Congress, Anglet, France, Ağustos 2022

Metrics

Publication: 84
Citation (WoS): 323
Citation (Scopus): 486

H-Index (WoS): 9

H-Index (Scopus): 11

Congress and Symposium Activities

15. Tıp Bilişimi Kongresi, Panelists, Trabzon, Turkey, 2024

22. Ege Onkoloji Günleri, Invited Speaker, İzmir, Turkey, 2020

Conference on Innovations in Intelligent Systems and Applications, Session Moderator, İzmir, Turkey, 2019

2nd International Cancer and Ion Channels Congress, Working Group, İzmir, Turkey, 2019

International Conference on Computer Science and Engineering , Session Moderator, Sarajevo, Bosnia And Herzegovina, 2018

X. Tıp Bilişimi Kongresi, Attendee, Antalya, Turkey, 2017

24th International Conference on Intelligent Systems for Molecular Biology (ISMB), Attendee, Florida, United States Of America, 2016

International Symposium on Health Informatics and Bioinformatics , Attendee, Muğla, Turkey, 2015

International Conference on Applied Informatics for Health and Life Sciences, Attendee, Aydın, Turkey, 2014

ISMB - ECCB 2013, Attendee, Berlin, Germany, 2013

Third International Workshop on Machine Learning in Systems Biology, Attendee, Ljubljana, Slovenia, 2009

ISMB - ECCB 2007, Attendee, Vienna, Austria, 2007

Invited Talks

Machine Learning Approaches for Cancer Treatment Using Genomic Data, Conference, IV. International Congress on Artificial Intelligence in Health, Turkey, November 2024

Yapay Zeka Teknolojilerinin Gelecekteki Mesleklere Etkileri, Seminar, Özel Bilfen Okulları, Turkey, January 2024

Üretken Yapay Zeka ve İstem Mühendisliği, Seminar, Dokuz Eylül University, Turkey, January 2024

Sistem Biyolojisi ve Yapay Zeka Yaklaşımlarının Kişiselleştirilmiş Tıp Alanındaki Uygulamaları , Seminar, İzmir Bakırçay Üniversitesi, Turkey, September 2021

Network Based Approaches for Compound Target Identification, Conference, INTERNATIONAL SYMPOSIUM ON HEALTH INFORMATICS AND BIOINFORMATICS, Turkey, October 2019

Scholarships

Doktora Eğitim Bursu, TÜBİTAK, 2007 - 2011

Yurtdışı Konferans Katılım Bursu, TÜBİTAK, 2009 - 2009

Yüksek Lisans Eğitim Bursu, University, 2001 - 2003

Awards

Işık Z., Kocapınar B., Temel B., Toplum ve Sağlık Projeleri Yarışması, Birincilik Ödülü, Genç Beyinler Yeni Fikirler Proje Yarışması, May 2024

Işık Z., Yayın Teşvik Ödülü, Tübitak, April 2024

Işık Z., Yayın Teşvik Ödülü, Tübitak, October 2023

Işık Z., Eğitim, Eğlence ve Oyun Yarışması, İkincilik Ödülü, Genç Beyinler Yeni Fikirler Proje Yarışması, June 2023

Işık Z., Yayın Teşvik Ödülü, Tübitak, December 2022

Işık Z., Yayın Teşvik Ödülü, Tübitak, November 2022

Işık Z., Oğuz İ. E., Destebaşı Z. H., Toplum ve Sağlık Projeleri Yarışması, Birincilik Ödülü, Genç Beyinler Yeni Fikirler Proje Yarışması, June 2022

Işık Z., Yayın Teşvik Ödülü, Tübitak, September 2021

Işık Z., Toplum ve Sağlık Projeleri Yarışması, İkincilik Ödülü, Genç Beyinler Yeni Fikirler Proje Yarışması, June 2021

Işık Z., Bilgisayar Mühendisleri Odası, Özgür Yazılım Kategorisi Ödülü, Genç Beyinler Yeni Fikirler Proje Yarışması, June 2020

Işık Z., Yayın Teşvik Ödülü, Tübitak, November 2019

Işık Z., Akademik Bilişim Projeleri Yarışması, İkincilik Ödülü , Genç Beyinler Yeni Fikirler Proje Yarışması, May 2019

Işık Z., Yayın Teşvik Ödülü, Tübitak, August 2016

Işık Z., Conference Best Paper Award, International Symposium On Computational Models For Life Sciences, November 2013

Işık Z., Graduate Courses Performance Award, Orta Doğu Teknik Üniversitesi, March 2007

Işık Z., Bilgisayar Mühendisliği, Bölüm Birinciliği, Dokuz Eylül Üniversitesi, July 2001