

Assist. Prof. Dr. İNCİLAY YILDIZ CEYLAN

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Interview Hours: perşembe 14:00-16:00
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EDUCATIONAL INFORMATION

Degree	University	Department	Year(s)
Doctoral Degree	Cukurova University	Business (Phd)	2019 - 2023
Bachelor's Degree	Cukurova University	Department of Industrial Engineering	2018 - 2021
Master's Degree	Cukurova University	Business Administration (masters) (with Thesis)	2015 - 2019
Bachelor's Degree	Lefk Europe University	Department of Computer and Information Systems	2009 - 2014

RESEARCH AREAS

Artificial Intelligence , Machine and Deep Learning, Management Information Systems, Industry 4.0 & Digital Transformation, Computer Vision, Data Analytics & Big Data, Production Planning & Scheduling, ERP-CRM-DSS

ACADEMIC DUTIES

Duty	University	Area	Year(s)
Head of Department (asst. professor)	Altinbas University	Software Development	2025 -
Doctor Faculty Member	Altinbas University	Management Information Systems Department	2023 -
Research Assistant	Altinbas University	Management Information Systems Department	2022 - 2023

ADMINISTRATIVE DUTIES

Duty	University	Year(s)

ACADEMIC AND PROFESSIONAL MEMBERSHIPS

Organisation	Membership	Year(s)

NON-UNIVERSITY EXPERIENCE

Country	Organisation	Duty	Year(s)

BOOKS

Üretim Yönetiminde Yeşil Yönetim: Zorluklar, Firsatlar Ve İşletmelerde Dönüşüm
YILDIZ İNCİLAY
NOBEL BİLİMSEL, 9786253934682, 2024
Scientific Book Chapter(s)

Yeşil Yönetimde Yeni Trendler
YILDIZ İNCİLAY,
NOBEL YAYINEVİ, 978-625-393-468-2, 2024
Scientific Book Chapter(s)

Yönetim Bilişim Sistemlerinde Güncel Yaklaşımlar II
Editörler: İncilay Yıldız, Fulya Oduncu
Nobel Yayıncılık, 978-625-371-846-6, 2024
Scientific Book Entire Book

BOOKS

Academic Analysis and Interpretations in Economics and Administrative Sciences (The Importance of Big Data Analytics in the Decision-Making Processes of Businesses)
YILDIZ İNCİLAY
özgür press, 978-975-447-688-0, 2023
Scientific Book Chapter(s)

Kitap: DİJİTAL DÖNÜŞÜMÜN ETKİLERİ bölüm: Zekanın dijital dönüşümü "Yapay Zeka"
YILDIZ İNCİLAY
NOBEL BİLİMSEL, 978-625-398-446-5, 2023
Scientific Book Chapter(s)

İkdisadi-İdari Bilimlerde Güncel Araştırmalar (Üretim Çizelgeleme Problemleri ve Çözüm Yaklaşımları)
YILDIZ İNCİLAY, ÇOLAK SELÇUK
gece kitaplığı, 978-625-430-709-6, 2023
Scientific Book Chapter(s)

Yönetim Bilişim Sistemlerinde Güncel Yaklaşımlar I
Editörler: İncilay Yıldız, Fulya Oduncu
Nobel Yayıncılık, 978-625-397-461-9, , 2023
Scientific Book Entire Book

ARTICLES

Cranial Abnormalities: A Deep Learning-Based Approach for Classification and Measurement, Enhanced Treatment Sensitivity through 3D Printing,
Osman Nuri Uçan, İncilay YILDIZ, Memet Ateş, Fulya Oduncu, Emir Kaan Cengiz
International Journal of Medical Engineering and Informatics, 2025
International

Optimizing beta-carotene bioaccessibility predictions with advanced machine learning algorithms and feature selection strategies
İ.Yıldız, M.Y.Düzgün, G.Özkan
Latin American Applied Research-An international journal, 2025
International

Damaged Parcel Detection in the Logistics Sector Using the Yolov12 Model with Roboflow 3.0
ahmet rodoplı, incilay yıldız
Journal of Data Analytics and Artificial Intelligence Applications, 2025
National

The Importance of Information Systems and Artificial Intelligence Research in Biomedical, Analysis of All Publications in the Scopus Database with R Software
YILDIZ İNCİLAY
AURUM Journal of Health Sciences, 2024
International

Analysis of Research on Machine Learning and Management Informatıon Systems Using Web of Science and R Software
YILDIZ İNCİLAY,ODUNCU FULYA
International Journal of Commerce, Industry and Entrepreneurship Studies, 2023
National

Web of Science Database Based Bibliometric Analysis of International Publications in the field of Green Transformational Leadership" International Journal of Commerce, Industry and Entrepreneurship Studies
ODUNCU FULYA,YILDIZ İNCİLAY
International Journal of Commerce, Industry and Entrepreneurship Studies, 2023
National

ARTICLES

MALWARE DETECTION USING DEEP LEARNING ALGORITHMS
ALTAİY Mohammed, YILDIZ İNCİLAY, UÇAN BAHADIR
AURUM Mühendislik Sistemleri ve Mimarlık Dergisi, 2023
International DOI: 10.53600/ajesa.1321170

BIBLIOMETRIC ANALYSIS OF STUDIES ON DIGITALIZATION IN LOCAL GOVERNMENTS
ODUNCU FULYA, AYDEMİR MUZAFFER, YILDIZ İNCİLAY
APPLIED RESEARCH IN ADMINISTRATIVE SCIENCES, 2023
International

Development of a Neural Network Algorithm for Estimating the Makespan in Jobshop Production Scheduling
YILDIZ İNCİLAY, SAYGIN ABDÜLVAHAP, ÇOLAK SELÇUK, ABUT FATİH
Tehnički vjesnik, 2023
International DOI: 10.17559/TV-20220818161430

THE EFFECTS OF WOMAN AS MANAGER PERCEPTIONS OF CIVIL AVIATION SECTOR EMPLOYESS ON ORGAIZATIONAL CLIMATE
ODUNCU FULYA, YILDIZ İNCİLAY
Iktisadi Kalkinma ve Sosyal Arastirmalar Dernegi, 2022
International DOI: 10.46872/pearson.400

Veri Madenciliği: Makine Öğrenme Algoritmaları ile Türkiye'nin İşsizlik Oranı Tahminini Etkileyen Faktörlerin Tespit Edilmesi
YILDIZ İNCİLAY
ULUSLARARASI YÖNETİM BİLİŞİM SİSTEMLERİ VE BİLGİSAYAR BİLİMLERİ DERGİSİ, 2022
National

Türkiye'de Mutluluk Düzeyini Etkileyen Faktörlerin Makine Öğrenme ve Nitelik Seçme Algoritmaları ile Belirlenmesi
YILDIZ İNCİLAY, ABUT FATİH
Ömer Halisdemir Üniversitesi Mühendislik Bilimleri Dergisi, 2021
National DOI: 10.28948/ngumuh.873199

PROCEEDINGS

The Impact of Artıfıcıal Intellıgence on Busıness Processes: A Case Study Approach
Musa Usman İdris,YILDIZ İNCİLAY
7. Uluslararası Mühendislik Bilimleri ve Multidisipliner Yaklaşımlar Kongresi, 2024
International

Veri Tabanı Sistemlerine Yeni Bir Yaklaşım: Sürdürülebilir Prosedürel Veri Tabanı Sistemi
Davulcu Mertcan,YILDIZ İNCİLAY
7. Uluslararası Mühendislik Bilimleri ve Multidisipliner Yaklaşımlar Kongresi, 2024
International

Green Productıon: A Literature Revıew
ODUNCU FULYA,YILDIZ İNCİLAY
AKDENIZ 10th INTERNATIONAL CONFERENCE ON SOCIAL SCIENCES, 2023
International

Bibliometric Analysis of Research in Business Administration and Information Technologies
YILDIZ İNCİLAY,ODUNCU FULYA
AKDENIZ 10th INTERNATIONAL CONFERENCE ON SOCIAL SCIENCES, 2023
International

Bibliometric Analysis of Research on Digital Management on Scopus Database
ODUNCU FULYA, YILDIZ İNCİLAY, AYDEMİR MUZAFFER
22. Uluslararası İşletmecilik Konferansı, 2023
International

PROCEEDINGS

Predicting the Processor and Channel Utilization of a 2-Dimensional Multiprocessor Architecture by Using Support Vector Regression Combined with Feature
AKAY MEHMET FATİH, ABUT FATİH, İnan Acı Çiğdem, YILDIZ İNCİLAY
Proceedings of the Eighth Engineering and Technology Symposium, 2015
National

Prediction of maximum oxygen uptake with different machine learning methods by using submaximal data
YILDIZ İNCİLAY, AKAY MEHMET FATİH
23nd Signal Processing and Communications Applications Conference (SIU), 2015
National

Development of new upper body power prediction models for cross-country skiers by using different machine learning methods
Daneshvar, s, ABUT FATİH, YILDIZ İNCİLAY, AKAY MEHMET FATİH
23nd Signal Processing and Communications Applications Conference (SIU), 2015
National

Performance comparison of different machine learning methods for prediction of maximal oxygen uptake from submaximal data
ABUT FATİH, AKAY MEHMET FATİH, YILDIZ İNCİLAY, George JD
Proceedings of the Eighth Engineering and Technology Symposium, 2015
National

Design and Implementation of a Web Based Corporate Carbon Management System
İ.Yıldız; E.H.Özkan; E.Dönmez; E.Altınbaşak
6th International Thales Congress on Life, Engineering, Architecture and Mathematics,
International

AI Supported Mathematical Modeling and Machine Learning Based Carbon Footprint Calculation System
İncilay Yıldız, E.H. Özkan , Y.C. Yorulmaz
6th International Thales Congress on Life, Engineering, Architecture and Mathematics,
International

AI Supported Mathematical Modeling and Machine Learning Based Carbon Footprint Calculation System
İ.Yıldız; E.H.Özkan; Y.C.Yorulmaz
6th International Thales Congress on Life, Engineering, Architecture and Mathematics,
International

Analysis of the Effectiveness of Inventory Management Processes in ERP Systems: The Effect of ERP on Inventory Accuracy, Inventory Turnover, and Inventory Optimization
Canberk Şadi Şen, İncilay Yıldız
6. Uluslararası WRITETEC Yapay Zeka Çağında Sosyal Bilimler ve Sağlık Bilimleri Kongresi,
International

The Impact of Social Media Strategies on the Performance of Small Businesses in Libya: Evidence from Clothing Agents in Tripoli
Waled ALNGASA, İncilay YILDIZ
IX. INTERNATIONAL MEDITERRENIAN SCIENTIFIC RESEARCH CONGRESS,
International

The Impact of Social Media Strategies on the Performance of Small Businesses in Libya: Evidence from Clothing Agents in Tripoli
Waled ALNGASA, İncilay YILDIZ
IX. INTERNATIONAL MEDITERRENIAN SCIENTIFIC RESEARCH CONGRESS,
International

PROJECTS

PROJECTS

Görüntü İşleme Odaklı Kalite Kontrol Yazılımı (Advisor)
TÜBİTAK Project, 11.06.2025 -
National Continues

Yapay Zeka Destekli Web Tabanlı Kurumsal Karbon Yönetim ve Raporlama Sistemi (Executive)
BAP, 26.05.2025 - 07.05.2026
National Completed

Yeşil Sürdürülebilirlik Yönetimi Ölçeği Geliştirme Çabası (Researcher)
BAP, 26.05.2025 -
National Completed

Sürdürülebilir Veri İşlemeyi Mümkün Kılan Prosedürel Veri Tabanı Sistemi (Advisor)
Other (National), 19.04.2023 - 15.03.2024
National Completed

Pediatrik Kafatası Şekil Bozukluklarında Kraniyal Ortez Kask Yapım Teknolojisinin Dijitalleştirilmesi (EN_cv_academic_projekonumlari_)
Research Project, 07.03.2023 - 03.05.2024
National Completed

SODES Küçük Mücitler Büyük İcatlar (EN_cv_academic_projekonumlari_15)
Ministry of Development, 01.05.2018 - 01.03.2019
National Completed

THESIS SUPERVISION

COURSES

Course Type	Course Code	Course Name
Bachelor's Degree	YBS207	PROGRAMCILIKTA ALGORİTMA TASARIMI
Bachelor's Degree	YBS211	BİLGİSAYAR DONANIMINDA TEMEL KAVRAMLAR
Bachelor's Degree	YBS307	PROGRAMLAMA I
Bachelor's Degree	YBS405	VERİ MADENCİLİĞİ
Bachelor's Degree	YBS108	SCRİPT TEMELLERİ PROGRAMLARA GİRİŞ: R VE PYTHON
Bachelor's Degree	YBS114	VERİ TABANI UYGULAMALARI
Bachelor's Degree	YBS212	TEDARİK ZİNCİRİ YÖNETİMİ
Bachelor's Degree	YBS412	BÜYÜK VERİ ANALİZİ
Bachelor's Degree	YBS462	YAPAY ZEKA
Master's Degree	EM582	ENDÜSTRİ MÜHENDİSLİĞİNDE ÖZEL KONULAR II

PERSONAL INFORMATION

CONTACT INFORMATION

Interview Hours: perşembe 14:00-16:00

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