

Lect. PhD KENAN KILIÇ

Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: AAL-5644-2021

Yoksis Researcher ID: 278800

Education Information

Doctorate, Gazi University, Fen Bilimleri Enstitüsü, Wood Products Industrial Engineering, Turkey 2021 - 2025

Undergraduate, Gazi University, Teknoloji Fakültesi, Ağaççşleri Endüstri Mühendisliđi, Turkey 2019 - 2021

Postgraduate, Gazi University, Fen Bilimleri Enstitüsü, Wood Products and Industrial Engineering, Turkey 2017 - 2019

Undergraduate, Gazi University, Teknik Eğitim Fakültesi, Mobilya Ve Dekorasyon Eğitimi, Turkey 2008 - 2012

Foreign Languages

English, B1 Intermediate

Certificates, Courses and Trainings

IT, Transfer Öğrenimi, Bilgi Teknolojileri ve İletişim Kurumu, 2025

IT, Keras ile Derin Öğrenmeye Giriş, Bilgi Teknolojileri ve İletişim Kurumu, 2024

Vocational Training, Eğiticilerin Eğitimi, Yozgat Bozok University, 2024

IT, Bilgi Teknolojilerine Giriş, Information and Communication Technologies Authority, 2023

Technology Management/Management of Technology, Python ile Makine Öğrenmesi, Information and Communication Technologies Authority, 2023

Vocational Course, Python: Yapay Zeka ve Veri Bilimi için Python Programlama, Udemy, 2022

Occupational Health and Safety, İş Sağlığı ve Güvenliđi, Yozgat Bozok Üniversitesi, 2022

Occupational Health and Safety, Afet Farkındalık Eğitimi, 2022

Education Management and Planning, Mesleki Gelişim Seminerleri, Yozgat Bozok Üniversitesi, 2022

IT, Siber Güvenlik Farkındalık Eğitimi, Yozgat Bozok Üniversitesi, 2021

Dissertations

Doctorate, A Computer Vision-Based Machine Learning Approach for Wood Defect Detection, Gazi University, Fen Bilimleri Enstitüsü, Ağaççşleri Endüstri Mühendisliđi, 2025

Postgraduate, Performance Properties of Finishing in Natural Aged Wood Material, Gazi University, Fen Bilimleri Enstitüsü, Wood Products Industrial Engineering, 2019

Research Areas

Furniture Industry, Wood Surface Treatment, Computer Vision, Artificial Intelligence, Computer Learning and Pattern Recognition, Engineering and Technology

Academic Titles / Tasks

Lecturer, Yozgat Bozok University, Yozgat Vocational School, Tasarım Bölümü, 2022 - Continues

Lecturer, Yozgat Bozok University, Yozgat Vocational School, Malzeme ve Malzeme İşleme Teknolojileri, 2018 - 2022

Courses

Undergraduate

COMPUTER AIDED AUTOCAD SOLID MODELING TRAINING, Undergraduate, 2024 - 2025, 2023 - 2024, 2022 - 2023

Associate Degree

TEKNİK RESİM, Associate Degree, 2024 - 2025, 2023 - 2024, 2022 - 2023

Associate Degree, 2024 - 2025, 2023 - 2024, 2022 - 2023

BİLGİSAYAR DESTEKLİ TASARIM I, Associate Degree, 2024 - 2025, 2023 - 2024, 2022 - 2023

MATERIAL INFORMATION, Associate Degree, 2024 - 2025, 2023 - 2024

WOOD CONSTRUCTION TECHNIQUES, Associate Degree, 2024 - 2025, 2023 - 2024

Associate Degree, 2022 - 2023

BİLGİSAYAR DESTEKLİ TASARIM II, Associate Degree, 2022 - 2023

DEKORASYON TEKNOLOJİSİ, Associate Degree, 2022 - 2023

Associate Degree, 2022 - 2023

DÖŞEME YAPIMI, Associate Degree, 2018 - 2019

KALİTE GÜVENCESİ VE STANDARTLAR, Associate Degree, 2018 - 2019

MESLEK RESİM-II, Associate Degree, 2018 - 2019

MESLEK RESİM-I, Associate Degree, 2018 - 2019, 2017 - 2018

YAPAY LEVHA ÜRETİMİ, Associate Degree, 2018 - 2019, 2017 - 2018

İŞ GÜVENLİĞİ VE İŞÇİ SAĞLIĞI, Associate Degree, 2018 - 2019

MASİF MOBİLYA, Associate Degree, 2018 - 2019

DIŞ MEKAN MOBİLYALARI, Associate Degree, 2018 - 2019

ÜSTYÜZEY İŞLEMLERİ-I, Associate Degree, 2018 - 2019

AĞAÇ SÜSLEME TEKNİKLERİ-I, Associate Degree, 2018 - 2019

PANEL MOBİLYA İMALATI, Associate Degree, 2018 - 2019, 2017 - 2018

SİSTEM ANALİZİ VE TASARIMI, Associate Degree, 2018 - 2019

ÜSTYÜZEY İŞLEMLERİ-II, Associate Degree, 2018 - 2019, 2017 - 2018

BİLGİ VE İLETİŞİM TEKNOLOJİSİ, Associate Degree, 2018 - 2019

MEKAN PROJE ÇİZİMİ, Associate Degree, 2018 - 2019, 2017 - 2018

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **WD Detector: deep learning-based hybrid sensor design for wood defect detection**
Kılıç K., Kılıç K., Doğru İ. A., Özcan U.
European Journal of Wood and Wood Products, vol.83, pp.1-13, 2025 (SCI-Expanded)
- II. **Prediction of Veneer Bonding Strength of Wood-Based Composites Through Soft-Computing Models**
Kılıç K., Karaman İ., Kılıç İ., Özcan U.
Drewno. Prace Naukowe, Doniesienia, Komunikaty = Wood. Research Papers, Reports, Announcements, vol.67,

no.214, pp.1-13, 2024 (SCI-Expanded)

- III. **Using Deep Learning Techniques for Anomaly Detection of Wood Surface**
Kılıç K., Özcan U., Kılıç K., Doğru İ. A.
DRVNA INDUSTRIJA, vol.75, no.3, pp.275-286, 2024 (SCI-Expanded)
- IV. **Prediction of Adhesion Strength of Some Varnishes Using Soft Computing Models**
Karaman İ., Kılıç K., Söğütlü C.
DRVNA INDUSTRIJA, vol.74, no.2, pp.153-166, 2023 (SCI-Expanded)
- V. **Wood Species Image Classification Using Two-Dimensional Convolutional Neural Network**
Klasifikacija vrsta drva prema slikama uz pomoć dvodimenzionalne konvolucijske neuronske mreže
Kilic K., Kılıç K., Sinaice B. B., Özcan U.
Drvna Industrija, vol.74, no.4, pp.407-417, 2023 (SCI-Expanded)

Articles Published in Other Journals

- I. **Using Deep Learning Techniques Furniture Image Classification**
Kılıç K., Kılıç K., Özcan U., Doğru İ. A.
JOURNAL OF POLYTECHNIC-POLITEKNIK DERGISI, vol.27, no.5, pp.1903-1911, 2024 (ESCI)
- II. **Color Change Analysis of Wood Materials Treated with Different Varnishes: A Comparative Study**
Kılıç K., Söğütlü C.
KASTAMONU UNIVERSITY JOURNAL OF FORESTRY FACULTY, vol.24, no.1, pp.59-73, 2024 (ESCI)
- III. **AlexNet Architecture Optimized for Wood Defect Detection**
KILIÇ K., ÖZCAN U.
Bozok Journal of Engineering and Architecture, vol.2, no.2, pp.20-28, 2023 (Peer-Reviewed Journal)
- IV. **Varnish Adhesion Strength in Natural Aged Wood Material**
Kılıç K., Söğütlü C.
JOURNAL OF POLYTECHNIC-POLITEKNIK DERGISI, vol.26, no.2, pp.847-854, 2023 (ESCI)
- V. **Surface Hardness of Three Types Varnish Applied to Fresh and Naturally Aged Wood**
Kılıç K., Söğütlü C.
KASTAMONU UNIVERSITY JOURNAL OF FORESTRY FACULTY, vol.22, no.2, pp.125-134, 2022 (ESCI)
- VI. **Determination of the Gloss Values of Some Varnishes Applied on the Natural Aged Wood**
Kılıç K., Söğütlü C.
JOURNAL OF POLYTECHNIC-POLITEKNIK DERGISI, vol.23, no.4, pp.1423-1431, 2020 (ESCI)

Papers Published in Refereed Scientific Meetings

- I. **Determination of Abrasion and Scratch Resistance of Some Varnishes Applied to Naturally Aged Wood**
Kılıç K., Özcan U., Söğütlü C.
30th International Conference Research for Furniture Industry, Poznan, Poland, 22 September 2022
- II. **Adhesion and Factors Affecting Adhesive in Woodworks Industry**
Kılıç K.
Cukurova 7. International Scientific Researches Conference, Adana, Turkey, 08 September 2021, pp.1122-1134
- III. **Mobilya Üretim Teknolojilerinde Grup Teknolojisi ve Hücresel Üretimde Hücre Oluşturma Yöntemlerinin Gelişimi**
Kılıç K.
Cukurova 7. International Scientific Researches Conference, Adana, Turkey, 08 September 2021, pp.1135-1148
- IV. **Yapıda ve İç Mekânda Yönlendirilmiş Yongalı Levha (OsB)'nin Kullanımı Üzerine Bir Araştırma**
Kılıç K., Küreli İ.
4. Uluslararası Erciyes Bilimsel Araştırmalar Kongresi, Kayseri, Turkey, 16 - 17 October 2020, pp.273-290

- V. **Dođal Yařlanmıř Aađaç Malzemede Uygulanan Bazı Verniklerin Yüzey Sertlik Deđerlerinin Belirlenmesi**
Kılıç K., Söđütlü C.
Çukurova II. Uluslararası Multidisipliner Çalıřmalar Kongresi, Adana, Turkey, 26 - 28 April 2019, pp.448-459
- VI. **Ađaç Malzemeye Uygulanan Bazı Verniklerin Metrik Kroma Deđerine Etkisinin İncelenmesi**
Kılıç K., Söđütlü C., Özder C.
Çukurova II. Uluslararası Multidisipliner Çalıřmalar Kongresi, Adana, Turkey, 26 - 28 April 2019, pp.460-468

Peer Reviews in Scientific Publications

Biliřim Teknolojileri Dergisi, Other Indexed Journal, March 2025
Mathematical Modelling and Numerical Simulation with Applications, Other Indexed Journal, December 2024
Bartın Orman Fakóltesi Dergisi, Other Indexed Journal, October 2024
Mobilya ve ařıap malzeme arařtırmaları dergisi (Online), Other Indexed Journal, October 2024
Erzincan Üniversitesi Fen Bilimleri Enstitüsü Dergisi, Other Indexed Journal, September 2024
APPLIED SOFT COMPUTING JOURNAL, Journal Indexed in SCI-E, February 2024

Metrics

Publication: 17
Citation (WoS): 1
H-Index (WoS): 1