



ARŞ. GÖREKATMA DİDEM ALAY

Kişisel Bilgiler

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Birimi : Bilgisayar Yazılımı

Dahili : 1380

Makaleler (YOKSIS)

- 1 A Comparative Study of Data Mining Methods for Solar Radiation and Temperature Forecasting Models**
ALAY FATMA DİDEM,İLHAN NAGEHAN,GÜLLÜOĞLU MEHMET TAHİR
JOURNAL OF UNIVERSAL COMPUTER SCIENCE,<https://doi.org/10.3897/jucs.109080>
- 2 Experimental Study and ANN Development for Modeling Tensile and Surface Quality of Fiber-Reinforced Nylon Composites**
ÜLKİR OSMAN,KUNCAN FATMA,ALAY FATMA DİDEM
Polymers,<https://doi.org/10.3390/polym17111528>
- 3 Integrated enviro-economic optimization of solar-powered electrocoagulation for sustainable nitrate removal from groundwater**
YAZICI KARABULUT BENAN,ALAY FATMA DİDEM,ADALAR FATMA ZUHAL
Journal of Contaminant Hydrology,<https://doi.org/10.1016/j.jconhyd.2025.104745>
- 4 Modelling the Solar-Powered Electrocoagulation Process for Textile Wastewater Treatment Using IoT Technology**
ALAY FATMA DİDEM,YAZICI KARABULUT BENAN,ÇİĞ HARUN,ADALAR FATMA ZUHAL
International Journal of Global Warming,<https://doi.org/10.1504/ijgw.2025.10070371>
- 5 Predictive modelling and optimization of electrocoagulation for nitrate removal using deep learning: Toward intelligent and sustainable water treatment**
ÇİĞ HARUN,ALAY FATMA DİDEM,YAZICI KARABULUT BENAN
Journal of Contaminant Hydrology,<https://doi.org/10.1016/j.jconhyd.2025.104751>
- 6 SOLAR RADIATION PREDICTION IN PV POWER SYSTEMS: A COMPARISON OF DEEP LEARNING MODELS USING BIG DATA**
ALAY FATMA DİDEM,İLHAN NAGEHAN,GÜLLÜOĞLU MEHMET TAHİR
COMPTES RENDUS DE L ACADEMIE BULGARE DES SCIENCES,<https://doi.org/10.7546/CRABS.2024.09.10>
- 7 Veri Madenciliği Yöntemleri İle Meteorolojik Verilerden Kayıp Güneş Işınım Değerlerinin Tahmini**

- 7 SAĞALTICI DUYGU, ALAY FATMA DİDEM, EFİL CİHAN, İLHAN NAGEHAN
HARRAN ÜNİVERSİTESİ MÜHENDİSLİK DERGİSİ,

Bildiriler (YOKSIS)

- 1 **A Comparative Study Of Deep Learning Models For Solar Radiation Forecasting in Pv Power Systems Based On Big Data Analysis**
ALAY FATMA DİDEM,İLHAN NAGEHAN,GÜLLÜOĞLU MEHMET TAHİR
12th Global Conference on Global Warming-2024 (GCGW2024) ,
<https://gcgw2024.harran.edu.tr/GCGW-2024-Proceedings%20Book.pdf>
- 2 **A Compherensive Study Of Machine Learning Optimization Models For Nitrate Removal By Electrocoagulation Process Using Green Energy**
YAZICI KARABULUT BENAN,ALAY FATMA DİDEM,ADALAR FATMA ZUHAL
12th Global Conference on Global Warming-2024 (GCGW2024) ,
<https://gcgw2024.harran.edu.tr/GCGW-2024-Proceedings%20Book.pdf>
- 3 **Random Forest Algoritması yardımıyla Yazılım Kalitesinin Artırılması**
AYDİLEK İBRAHİM BERKAN,SALUR MEHMET UMUT,ÖĞRETMEN FATMA DİDEM
Uluslararası Bilgi sayar Bilimleri ve Mühendisliği Konferansı (UBMK2016) ,
<https://drive.google.com/file/d/0B4RhEEi7qtgsOEcyX1BhTXhJMXc/view>
- 4 **Random Forest Algoritması Yardımıyla Yazılım KalitesininArtırılması**
AYDİLEK İBRAHİM BERKAN,SALUR MEHMET UMUT,ÖĞRETMEN FATMA DİDEM
INTERNATIONAL CONFERENCE ON COMPUTER SCIENCE AND ENGINEERING(UBMK 2016) -
ULUSLARARASI BİLGİSAYAR BİLİMLERİ VEMÜHENDİSLİĞİ KONFERANSI ,
<http://www.ubmk.org/bildiriler-kitabi/>
- 5 **Saldırı Tespit Sisteminin Bulut Bilişimde Kullanımı ve Etkileri**
ÖĞRETMEN FATMA DİDEM,AYDIN MUHAMMED ALİ,SERTBAŞ AHMET
8. Uluslararası Bilgi Güvenliği ve Kriptoloji Konferansı (ISCTurkey 2015) ,
- 6 **Scrum Model for Development Process of the e University Portal**
ÖĞRETMEN FATMA DİDEM,TABANLIOĞLU AHMET,ÖĞRETMEN MUSTAFA,NACAR MEHMET AKİF
INTERNATIONAL CONFERENCE ON ADVANCEDTECHNOLOGY & SCIENCES (ICAT'16) ,
- 7 **Scrum Model for Development Process of the e-University Portal**
ALAY FATMA DİDEM, ÖĞRETMEN MUSTAFA, TABANLIOĞLU AHMET, NACAR MEHMET AKİF
ICAT 2016 , <https://www.icatsconf.org/ICAT16/icat16>
- 8 **Solar-Powered Electrocoagulation Process For Denitrification From Water: Monte Carlo Optimization And Cost Analysis**
YAZICI KARABULUT BENAN,ALAY FATMA DİDEM,ADALAR FATMA ZUHAL
12th Global Conference on Global Warming-2024 (GCGW2024) ,
<https://gcgw2024.harran.edu.tr/GCGW-2024-Proceedings%20Book.pdf>
- 9 **The Simulation Of Solar-Powered Electrocoagulation Process Based On IoT For Textile Wastewater Treatment**
ALAY FATMA DİDEM,YAZICI KARABULUT BENAN,ÇİĞ HARUN,ADALAR FATMA ZUHAL
12th Global Conference on Global Warming-2024 (GCGW2024) ,
<https://gcgw2024.harran.edu.tr/GCGW-2024-Proceedings%20Book.pdf>

10 Veri Madenciliđi Yöntemleri İle Meteorolojik Verilerden Kayıp Güneş Işınım Deđerlerinin Tahmini

SAĞALTICI DUYGU, ALAY FATMA DİDEM, EFİL CİHAN, İLHAN NAGEHAN

Uluslararası Yenilenebilir Enerji Ve Enerji Verimliliđi Kongresi (GAPYENEV 2018) ,