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International Researcher IDs

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Education Information

Postgraduate, Inonu University, Fen Bilimleri Enstitüsü, Makine Mühendisliği Abd, Turkey 2010 - 2013

Undergraduate, Inonu University, Mühendislik Fakültesi, Turkey 2006 - 2010

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Postgraduate, İKLİMLENDİRME AMAÇLI GÜNEŞ ENERJİSİ DESTEKLİ BİR ABSORPSİYONLU SOĞUTMA SİSTEMİNİN MODELLENMESİ ve ANALİZİ, Inonu University, Fen Bilimleri Enstitüsü, Makine Mühendisliği Abd, 2013

Research Areas

Mechanical Engineering, Machine Theory and Dynamics, Vehicle Systems Dynamics, Engineering and Technology

Academic Titles / Tasks

Assistant Professor, Inonu University, Mühendislik Fakültesi, Makine Mühendisliği, 2021 - Continues

Academic and Administrative Experience

Head of Department, Inonu University, Mühendislik Fakültesi, Makine Mühendisliği, 2020 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. Generalisability of empirical correlations for predicting Higher Heating Values of biomass
Daşkın M., Erdoğan A., Güleç F., Okolie J. A.

Energy Sources Part A-Recovery Utilization and Environmental Effects, vol.46, no.1, pp.5434-5450, 2024 (SCI-Expanded)

- II. **<p>Synthesis of magnetic responsive poly(NIPAAm-co-VSA)/Fe₃O₄ IPN ferrogels and modeling their deswelling and heating behaviors under AMF by using artificial neural networks</p>**
BOZTEPE C., DAŞKIN M., ERDOĞAN A.
REACTIVE & FUNCTIONAL POLYMERS, vol.173, 2022 (SCI-Expanded)
- III. **Estimation of excess air coefficient on coal combustion processes via gauss model and artificial neural network**
Golgiyaz S., TALU M. F., Das M., ONAT C.
ALEXANDRIA ENGINEERING JOURNAL, vol.61, no.2, pp.1079-1089, 2022 (SCI-Expanded)
- IV. **Preparation of poly(acrylamide-co-2-acrylamido-2-methylpropan sulfonic acid)-g-Carboxymethyl cellulose/Titanium dioxide hydrogels and modeling of their swelling capacity and mechanic strength behaviors by response surface method technique**
BOZTEPE C., DAŞKIN M., ERDOĞAN A., SARICI T.
POLYMER ENGINEERING AND SCIENCE, vol.61, no.7, pp.2083-2096, 2021 (SCI-Expanded)
- V. **Prediction of combustion states from flame image in a domestic coal burner**
ONAT C., Daskin M., Toraman S., Golgiyaz S., TALU M. F.
MEASUREMENT SCIENCE AND TECHNOLOGY, vol.32, no.7, 2021 (SCI-Expanded)
- VI. **Prediction of Excess Air Factor in Automatic Feed Coal Burners by Processing of Flame Images**
TALU M. F., ONAT C., DAŞKIN M.
CHINESE JOURNAL OF MECHANICAL ENGINEERING, vol.30, no.3, pp.722-731, 2017 (SCI-Expanded)

Articles Published in Other Journals

- I. **PI-PD Controller Design Based on Weighted Geometric Center Method for Time Delay Active Suspension Systems**
Turan A., AGGUMUS H., DAŞKIN M.
Black Sea Journal of Engineering and Science, vol.7, no.1, pp.89-95, 2024 (Peer-Reviewed Journal)
- II. **Comparing of CFD Contours Using Image Analysing Method: A Study on Velocity Distributions**
ERDOĞAN A., DAŞKIN M.
Black Sea Journal of Engineering and Science, vol.6, no.4, pp.633-638, 2023 (Peer-Reviewed Journal)
- III. **Manyetik Levitasyon Sistemleri İçin Ağırlıklı Geometrik Merkez Yöntemi ile PI-PD Kontrolcü Tasarımı**
ONAT C., DAŞKIN M., TURAN A., ÖZGÜVEN Ö.
Mühendis ve Makina, 2021 (Peer-Reviewed Journal)
- IV. **A Basic ANN System for Prediction of Excess Air Coefficient on Coal Burners Equipped with a CCD Camera**
Daşkin M., Onat C.
MATHEMATICS AND STATISTICS (ALHAMBRA), vol.7, no.1, pp.1-9, 2019 (Scopus)
- V. **Bir güneş arabası için farklı kanat profillerinin deneysel olarak değerlendirilmesi**
ONAT C., DAŞKIN M., ALTUĞ M., TURAN A.
Dicle Üniversitesi Mühendislik Fakültesi Mühendislik Dergisi, vol.10, no.2, pp.569-580, 2019 (Peer-Reviewed Journal)
- VI. **Gain scheduling linear model of an electro-hydraulic actuator**
ONAT C., DAŞKIN M., TURAN A.
An International Journal of Optimization and Control: Theories Applications (IJOCTA), vol.7, no.3, pp.301, 2017 (Peer-Reviewed Journal)
- VII. **OTOMATİK BESLEMELİ KÖMÜR KAZANLARINDA ALEV FORMU İLE YANMA VERİMİ ARASINDAKİ İLİŞKİNİN İNCELENMESİ**
TALU M. F., ONAT C., DAŞKIN M.
Mühendis ve Makina, vol.56, no.669, pp.70-79, 2015 (Peer-Reviewed Journal)

- VIII. **İklimlendirme Amaçlı Güneş Enerjisi Destekli Bir Absorpsiyonlu Soğutma Sisteminin Simülasyonu**
DAŞKIN M., AKSOY İ. G.
Batman Üniversitesi Yaşam Bilimleri Dergisi, vol.4, no.1, pp.52-65, 2014 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **Developing CFD Models for Continuous Hydrothermal Synthesis Reactor and Performance Evaluation of CFD Models Via Image Processing**
Erdoğan A., Daşkın M., Güleç F., Clough P., Lester E.
8th International Solvothermal and Hydrothermal Association Conference, Valladolid, Spain, 10 - 13 September 2023, pp.71
- II. **Non-Linear Autoregressive Neural Networks Based Air Excess Factor Prediction on Coal Combustors**
Daşkın M., Turan A., Onat C.
EJONS VI INTERNATIONAL CONFERENCE ON MATHEMATICS-ENGINEERING-NATURAL MEDICAL SCIENCES, Adana, Turkey, 8 - 10 March 2019, pp.722-728
- III. **MODELING AND ANALYSIS OF A SOLAR ASSISTED ABSORPTION COOLING SYSTEM FOR AIR-CONDITIONING PURPOSES**
DAŞKIN M., ERDOĞAN A., AKSOY İ. G.
International Symposium on Advanced Engineering Technologies, Kahramanmaraş, Turkey, 2 - 05 May 2019, pp.851
- IV. **EĞRİSEL YÜZEYE SAHİP KESİK PİRAMİT DELİKLİ DİFÜZÖRDEKİ HAVA AKIŞI ÜZERİNE BİR ÇALIŞMA**
ERDOĞAN A., DAŞKIN M., AKSOY İ. G., TAÇGÜN E.
International Symposium on Advanced Engineering Technologies, Kahramanmaraş, Turkey, 2 - 05 May 2019, pp.845-850
- V. **DELİKLİ DİFÜZÖRLERİN GEOMETRİK PARAMETRELERİNİN GÜRÜLTÜ SEVİYESİ ÜZERİNDEKİ ETKİLERİ**
ERDOĞAN A., DAŞKIN M., AKSOY İ. G., TAÇGÜN E.
International Symposium on Advanced Engineering Technologies, Kahramanmaraş, Turkey, 2 - 05 May 2019, pp.840-844
- VI. **WGC Based PID Tuning Method for Integrating Processes with Dead-time and Inverse Response**
ONAT C., TURAN A., DAŞKIN M.
INTERNATIONAL CONFERENCE ON MATHEMATICS AND ENGINEERING, 10 - 12 May 2017
- VII. **GAIN SCHEDULING PI CONTROL OF AN ELECTRO-HYDRAULIC ACTUATOR FOR ACTIVE SUSPENSION SYSTEMS**
ONAT C., DAŞKIN M., TURAN A.
2nd INTERNATIONAL CONFERENCE ON COMPUTATIONAL MATHEMATICS AND ENGINEERING SCIENCES (CMES-2017), İstanbul, Turkey, 20 May - 22 June 2017, pp.79
- VIII. **GAIN SCHEDULING LINEAR MODEL OF AN ELECTRO-HYDRAULIC ACTUATOR**
ONAT C., DAŞKIN M., TURAN A.
The Second International Conference on Computational Mathematics and Engineering Sciences(CMES 2017), İstanbul, Turkey, 20 May - 22 June 2017, pp.20

Metrics

Publication: 22
Citation (WoS): 4
Citation (Scopus): 6
H-Index (WoS): 1
H-Index (Scopus): 1

Congress and Symposium Activities

International Conference on Mathematics and Engineering, ICOME2017, Attendee, İstanbul, Turkey, 2017

2 nd International Conference on Computational Mathematics and Engineering Sciences, CMES2017, Attendee, İstanbul, Turkey, 2017

Otomatik Kontrol Ulusal Toplantısı, TOK2013, Attendee, Malatya, Turkey, 2013