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Personal Information

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Education Information

Doctorate, Akdeniz University, Faculty of Agriculture, Tarım Makinaları, Turkey 2008 - Continues

Postgraduate, Akdeniz University, Faculty Of Engineering, Makine Mühendisliği, Turkey 2003 - 2007

Undergraduate, Bursa Uludağ University, Mühendislik-Mimarlık Fakültesi, Endüstri Mühendisliği, Turkey 1999 - 2003

Foreign Languages

English, C1 Advanced

Certificates, Courses and Trainings

Occupational Health and Safety, İş Güvenliği uzmanlığı, Erge Eğitim Merkezi, 2013

Other, Enerji Yöneticiliği, Enve Enerji, 2012

Other, ISO 9001:2000 Kalite Başdenetçi Eğitimi, BEC, 2006

Dissertations

Postgraduate, Aks ve millerde çentik yaratan faktörlerin meydana getirdiği gerilme yığılmalarının incelenmesi, Akdeniz University, Institute of Science, Makine Mühendisliği, 2007

Research Areas

Industrial Engineering , Mechanical Engineering, Energy, Solar energy, Thermodynamics, Engineering and Technology

Academic Titles / Tasks

Research Assistant, Akdeniz University, Faculty of Agriculture, Tarım Makinaları, 2008 - Continues

Research Assistant, Akdeniz University, Faculty of Engineering, Makine Mühendisliği, 2004 - 2008

Published journal articles indexed by SCI, SSCI, and AHCI

- Experimental Investigation of Various Type Absorber Plates for Solar Air Heaters**
ÇAĞLAYAN N., Alta Z. D., ERTEKİN C.

JOURNAL OF AGRICULTURAL SCIENCES-TARIM BİLİMLERİ DERGİSİ, vol.21, no.4, pp.459-470, 2015 (SCI-Expanded)

- II. **Exergetic performance of production unit operations of a frozen fruit: a case study for sweet cherry**
Alta Z. D., ERTEKİN C.
INTERNATIONAL JOURNAL OF EXERGY, vol.16, no.2, pp.169-182, 2015 (SCI-Expanded)
- III. **Quantifying spatio-temporal dynamics of solar radiation exergy over Turkey**
Alta D., ertekin C., Evrendilek F.
RENEWABLE ENERGY, vol.35, no.12, pp.2821-2828, 2010 (SCI-Expanded)
- IV. **Experimental investigation of three different solar air heaters: Energy and exergy analyses**
Alta D., bilgili E., ertekin C., yaldız O.
APPLIED ENERGY, vol.87, no.10, pp.2953-2973, 2010 (SCI-Expanded)

Articles Published in Other Journals

- I. **Theoretical and experimental investigation of the performance of back-pass solar air heaters**
ALTA Z. D., ÇAĞLAYAN N., ATMACA İ., ERTEKİN C.
Turkish Journal of Engineering and Environmental Sciences, vol.38, no.2, pp.293-307, 2014 (Scopus)
- II. **Stress concentration factors (SCFs) in notched shaft under torsion or bending**
rende h., ALTA Z. D.
Strojnícky Casopis - Journal of Mechanical Engineering (Strojn. Cas.), vol.61, no.2, pp.63-71, 2010 (Peer-Reviewed Journal)

Books & Book Chapters

- I. **Teknik Resim**
ertekin c., ALTA Z. D., külcü r., özmerzi a.
Eflatun Yayınevi, Ankara, 2010

Refereed Congress / Symposium Publications in Proceedings

- I. **Yenilenebilir Enerji Kaynakları ve İzlenen Politikalar**
ERTEKİN C., YALDIZ O., KÜRKLÜ A., BİLGİN S., ALTA Z. D., Öztürk H. H., Ekinci K., Külcü R., Vardar A.
Türkiye Ziraat Mühendisliği VIII. Teknik Kongresi, Ankara, Turkey, 12 - 16 January 2015, pp.1143-1164
- II. **Yenilenebilir Enerji Kaynakları ve İzlenen Politikalar**
ERTEKİN C., YALDIZ O., KÜRKLÜ A., BİLGİN S., ALTA Z. D., Öztürk H. H., Ekinci K., Külcü R., Vardar A.
Türkiye Ziraat Mühendisliği VIII. Teknik Kongresi, Ankara, Turkey, 12 - 16 January 2015, pp.1143-1164
- III. **Thermal analysis of a solar air heater for drying purposes**
ALTA Z. D., ÇAĞLAYAN N., Ezan M. A., ERTEKİN C.
World Congress of CIGR-International Commission of Agricultural and Biosystems Engineering, Beijing, China, 16 - 19 September 2014, pp.1-8
- IV. **A review on exergy analysis of food production processes**
ALTA Z. D., ERTEKİN C.
International Conference of Agricultural Engineering (AgEng 2014), Zürich, Switzerland, 6 - 10 July 2014, pp.1-8
- V. **A review on exergy analysis of food production processes**
ALTA Z. D., ERTEKİN C.
International Conference of Agricultural Engineering (AgEng 2014), Zürich, Switzerland, 6 - 10 July 2014, pp.1-8
- VI. **Exergoeconomic analysis of a frozen fruit production process: a case study of cherry**
ALTA Z. D., ERTEKİN C.

13th International Conference on Clean Energy (ICCE 2014), İstanbul, Turkey, 8 - 12 June 2014, pp.429-435

VII. Energy and exergy analyses of frozen cherry production process

ALTA Z. D., ertekin c.

5th International Conference on Trend in Agricultural Engineering (TAE 2013), Prag, Czech Republic, 3 - 06 September 2013, pp.62-66

VIII. Quantifying CO2 emissions as a function of energy, economy and population indicators in the EU countries and Turkey

ertekin c., ALTA Z. D., evrendilek f.

11th International Congress on Mechanization and Energy in Agriculture (TRAKAGENG-2011), İstanbul, Turkey, 21 - 23 September 2011, pp.633-637

IX. The role of renewable energy in reduction of carbon dioxide emission in EU member countries and Turkey

ertekin c., ALTA Z. D.

XI. World Renewable Energy Congress and Exhibition, Abu Dhabi, United Arab Emirates, 25 - 30 September 2010, pp.1453-1458

X. Tedarik Zincirlerinde Bilgi Teknolojisi Kullanımının Çevik İmalata Etkisi

ALTA Z. D.

7. Ulusal Üretim Araştırmaları Sempozyumu (ÜAS 2007), Ankara, Turkey, 15 - 17 November 2007, pp.49

Metrics

Publication: 17

Citation (WoS): 187

Citation (Scopus): 218

H-Index (WoS): 3

H-Index (Scopus): 4

Scholarships

Bursiyer, TUBITAK, 2013 - Continues