

Prof. AHMET KAYA

Personal Information

Office Phone: [+90 462 377 2778](tel:+904623772778)

Email: akaya@ktu.edu.tr

Web: <https://avesis.ktu.edu.tr//akaya>

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Impact of Obesity on the Metabolic Control of Type 2 Diabetes: Results of the Turkish Nationwide Survey of Glycemic and Other Metabolic Parameters of Patients with Diabetes Mellitus (TEMD Obesity Study)**
Sonmez A., Yumuk V., Haymana C., Demirci I., Barcin C., Kiyici S., GÜLDİKEN S., Oruk G., Saydam B. O., BALDANE S., et al.
OBESITY FACTS, vol.12, no.2, pp.167-178, 2019 (SCI-Expanded)
- II. **Intracoronary focal nitroglycerin injection through drilled balloon is very effective in the resolution of coronary spasm versus into proximal coronary artery: A prospective randomized comparison study**
Balaban Y., Kaya A., Satilmisoglu M. H., Balaban M. B.
JOURNAL OF INTERVENTIONAL CARDIOLOGY, vol.31, no.6, pp.765-774, 2018 (SCI-Expanded)
- III. **Compartment syndrome, disseminated intravascular coagulation, pneumonia, and acute renal failure due to varicella in a previously healthy child**
CAMLAR S. A., ÇAKIR M., OZDOGAN E. B., Kaya A., KERİMOĞLU S., OKTEN A. N.
SCANDINAVIAN JOURNAL OF INFECTIOUS DISEASES, vol.46, no.6, pp.471-474, 2014 (SCI-Expanded)
- IV. **Effect of different drying conditions on the vitamin C (ascorbic acid) content of Hayward kiwifruits (Actinidia deliciosa Planch)**
Kaya A., Aydm O., KOLAYLI S.
FOOD AND BIOPRODUCTS PROCESSING, vol.88, pp.165-173, 2010 (SCI-Expanded)
- V. **MHD mixed convection of a viscous dissipating fluid about a permeable vertical flat plate**
AYDIN O., Kaya A.
APPLIED MATHEMATICAL MODELLING, vol.33, no.11, pp.4086-4096, 2009 (SCI-Expanded)
- VI. **Experimental and theoretical analysis of drying carrots**
Kaya A., AYDIN O., DEMİRTAŞ C.
DESALINATION, vol.237, pp.285-295, 2009 (SCI-Expanded)
- VII. **An experimental study on drying kinetics of some herbal leaves**
Kaya A., AYDIN O.
ENERGY CONVERSION AND MANAGEMENT, vol.50, no.1, pp.118-124, 2009 (SCI-Expanded)
- VIII. **Radiation effect on MHD mixed convection flow about a permeable vertical plate**
AYDIN O., Kaya A.
HEAT AND MASS TRANSFER, vol.45, no.2, pp.239-246, 2008 (SCI-Expanded)
- IX. **Selecting Map Projections in Minimizing Area Distortions in GIS Applications**
YILDIRIM F., Kaya A.
SENSORS, vol.8, no.12, pp.7809-7817, 2008 (SCI-Expanded)
- X. **Experimental and numerical investigation of heat and mass transfer during drying of Hayward kiwi fruits (Actinidia Deliciosa Planch)**
Kaya A., AYDIN O., DINCER I.

- JOURNAL OF FOOD ENGINEERING, vol.88, no.3, pp.323-330, 2008 (SCI-Expanded)
- XI. **Reply to comments on "Non-Darcian Forced Convection Flow of Viscous Dissipating Fluid over a Flat Plate Embedded in a Porous Medium"**
AYDIN O., Kaya A.
TRANSPORT IN POROUS MEDIA, vol.73, no.2, pp.191-193, 2008 (SCI-Expanded)
- XII. **Experimental investigation of drying kinetics of cherry laurel**
Kaya A., AYDIN O.
JOURNAL OF FOOD PROCESS ENGINEERING, vol.31, no.3, pp.398-412, 2008 (SCI-Expanded)
- XIII. **Non-darcian forced convection flow of viscous dissipating fluid over a flat plate embedded in a porous medium**
AYDIN O., Kaya A.
TRANSPORT IN POROUS MEDIA, vol.73, no.2, pp.173-186, 2008 (SCI-Expanded)
- XIV. **EXPERIMENTAL INVESTIGATION OF EFFECT DRYING AIR TEMPERATURE ON DRYING TIME AND SORPTION ISOTHERMS OF CORNELIAN CHERRY FRUITS**
Kaya A., AYDIN O.
ISI BILIMI VE TEKNIGI DERGISI-JOURNAL OF THERMAL SCIENCE AND TECHNOLOGY, vol.28, no.2, pp.45-49, 2008 (SCI-Expanded)
- XV. **Concentration boundary conditions in the theoretical analysis of convective drying process**
Kaya A., Aydin O., Demirtas C.
JOURNAL OF FOOD PROCESS ENGINEERING, vol.30, no.5, pp.564-577, 2007 (SCI-Expanded)
- XVI. **An experimental study on the drying kinetics of quince**
Kaya A., Aydin O., Demirtas C., Akguen M.
DESALINATION, vol.212, pp.328-343, 2007 (SCI-Expanded)

Articles Published in Other Journals

- I. **Parent-Reported Prevalence and Clinical Characteristics of Nut Allergy Among School-Aged Children Living in City Center of Giresun**
Haktanir Abul M., Kaya A., Kilic Topcu Z. I., Irmak E., ORHAN F.
ASTIM ALLERJİ İMMUNOLOJİ, vol.14, no.2, pp.88-92, 2016 (ESCI)

Books & Book Chapters

- I. **JEODEZİ-II**
KAYA A.
Karadeniz Teknik Üniversitesi Yayınları, Trabzon, 2015

Refereed Congress / Symposium Publications in Proceedings

- I. **Taflanın Kuruma Davranışının Deneysel ve Teorik Olarak İncelenmesi**
KAYA A., AYDIN O., DEMİRTAŞ C.
ULIBTK'07 16. Ulusal Isı Bilimi ve Tekniği Kongresi, Kayseri, Turkey, 30 May - 02 June 2007, vol.2, pp.823-828

Patent

MOTORLU KABUKLU KURUYEMİŞ KIRMA MAKİNESİ, Utility Model, CHAPTER A Human Needs, The Invention Registration Number: 2021/019820 , Standard Registration, 2024

Metrics

Publication: 19

Citation (WoS): 544

Citation (Scopus): 660

H-Index (WoS): 11

H-Index (Scopus): 12