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International Researcher IDs

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Publons / Web Of Science ResearcherID: KOC-4211-2024

ScopusID: 56152473500

Yoksis Researcher ID: 322167

Education Information

Doctorate, Cukurova University, Turkey 2012 - 2017

Postgraduate, Cukurova University, Turkey 2009 - 2012

Undergraduate, Mersin University, Turkey 2003 - 2008

Research Areas

Physics, General Physics

Academic Titles / Tasks

Assistant Professor, Ataturk University, Fen Fakültesi, Astronomi ve Uzay Bilimleri, 2023 - Continues

Courses

Atmospheric Physics, Undergraduate, 2023 - 2024

General Atmosphere, Undergraduate, 2023 - 2024

Software Astronomi 2, Undergraduate, 2023 - 2024

Data Analysis, Undergraduate, 2023 - 2024

Remote Sensing and Image Processing, Undergraduate, 2023 - 2024

Published journal articles indexed by SCI, SSCI, and AHCI

- I. Analysis of long term atmospheric properties for Eastern Anatolia observatory (DAG) site
Yuzlukoglu F., YEŞİLYAPRAK C., KABA K., İkiz T., Niaei M. S.
Experimental Astronomy, vol.58, no.2, 2024 (SCI-Expanded)
- II. Evaluation of PWV products derived from satellite-based and radiosonde retrievals for the eastern

anatolia observatory (DAG)

Balbay R., KABA K., Fisek S., YEŞİLYAPRAK C.

EXPERIMENTAL ASTRONOMY, vol.58, no.1, 2024 (SCI-Expanded)

- III. **Estimation of monthly sunshine duration using satellite derived cloud data**
KABA K., Erdi E., AVCI M., KANDIRMAZ H.
THEORETICAL AND APPLIED CLIMATOLOGY, vol.155, no.7, pp.5727-5743, 2024 (SCI-Expanded)
- IV. **Global Site Selection for Astronomy**
AKSAKER N., YERLİ S. K., Erdogan M. A., Kurt Z., Kaba K., Bayazit M., YEŞİLYAPRAK C.
MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY, no.1, pp.1204-1216, 2020 (SCI-Expanded)
- V. **Estimation of daily global solar radiation using deep learning model**
KABA K., Sarigul M., AVCI M., KANDIRMAZ H.
ENERGY, vol.162, pp.126-135, 2018 (SCI-Expanded)
- VI. **Estimation of daily sunshine duration using support vector machines**
KABA K., KANDIRMAZ H., AVCI M.
INTERNATIONAL JOURNAL OF GREEN ENERGY, vol.14, no.4, pp.430-441, 2017 (SCI-Expanded)
- VII. **Astronomical site selection for Turkey using GIS techniques**
AKSAKER N., YERLİ S. K., ERDOĞAN M. A., Erdi E., KABA K., AK T., Aslan Z., BAKIŞ V., DEMİRCAN O., EVREN M. S., et al.
EXPERIMENTAL ASTRONOMY, vol.39, no.3, pp.547-566, 2015 (SCI-Expanded)
- VIII. **Estimation of Daily Sunshine Duration from Terra and Aqua MODIS Data**
KANDIRMAZ H., KABA K.
ADVANCES IN METEOROLOGY, vol.2014, 2014 (SCI-Expanded)
- IX. **Estimation of Monthly Sunshine Duration in Turkey Using Artificial Neural Networks**
KANDIRMAZ H., KABA K., AVCI M.
INTERNATIONAL JOURNAL OF PHOTOENERGY, vol.2014, 2014 (SCI-Expanded)

Articles Published in Other Journals

- I. **Spectral, Spatial and Temporal Analysis of Aerosol over İstanbul Urban Atmosphere**
YÜZLÜKOĞLU F., KABA K., YEŞİLYAPRAK C.
Türk Uzaktan Algılama ve CBS Dergisi, vol.5, no.2, pp.199-210, 2024 (Peer-Reviewed Journal)
- II. **CM SAF CFC Bulut Verisinin Doğruluk Testi ve Doğu Anadolu Gözlemevi (DAG) Yerleşkesi için Analizi**
KABA K., YEŞİLYAPRAK C.
Journal of advanced research in natural and applied sciences (Online), vol.7, no.3, pp.304-318, 2021 (Peer-Reviewed Journal)
- III. **A new astronomical parameter from remote sensing data: Astronomical clearness index (ACI)**
Kaba K., Yeşilyaprak C., Şatır O.
Communications Faculty of Sciences University of Ankara Series A2-A3: Physical Sciences and Engineering, vol.63, no.1, pp.58-79, 2021 (Peer-Reviewed Journal)
- IV. **Meteosat LSA SAF DIDSSF Ürününün Türkiye İçin Tutarlılığının Değerlendirilmesi**
KABA K., KANDIRMAZ H. M.
Türk Uzaktan Algılama ve CBS Dergisi, vol.1, no.2, pp.85-96, 2020 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **Erzurum İçin Atmosferik Aerosolün Konumsal ve Zamansal Analizi**
Kaba K., Yeşilyaprak C., Yüzlükoğlu F.
5. METEOROLOJİK UZAKTAN ALGILAMA SEMPOZYUMU, Antalya, Turkey, 14 - 17 November 2023, pp.326-337

Supported Projects

Kaba K., Yeşilyaprak C., TUBİTAK Project, Dođu Anadolu Gzlemevi (DAG) iin Atmosferik Aerosoln Analizi ve Astronomik Gzlemlere Etkisinin Arařtırılması, 2021 - 2023

Kaba K., Yeşilyaprak C., TUBİTAK Project, Meteorolojik Uydu Verilerinin Astronomik Gzlemler Aısından Deđerlendirilmesine Ynelik Yntem-Kriter alıřması ve Dođu Anadolu Gzlemevi (DAG) Yerleřkesi iin İlK Kez Uygulanması, 2019 - 2020

Metrics

Publication: 14

Citation (WoS): 180

Citation (Scopus): 216

H-Index (WoS): 6

H-Index (Scopus): 6