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Foreign Languages

English, C1 Advanced

Research Areas

Atmospheric Sciences and Meteorological Engineering

Academic Titles / Tasks

Research Assistant, Istanbul Technical University, Uçak Ve Uzay Bilimleri, Meteoroloji Mühendisliği, 2014 - Continues
Other, University of Missouri - Columbia, School of Natural Resources, Atmospheric Science, 2021 - 2022

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Meso-Scale Comparison of Non-Sea-Effect and Sea-Effect Snowfalls, and Development of Prediction Algorithm for Megacity Istanbul Airports in Turkey**
Yavuz V., Lupo A. R. , Fox N., Deniz A.
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- II. **A long-term analysis of thundersnow events over the Marmara Region, Turkey**
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- III. **The role of short-wave troughs on the formation and development of sea-effect snowbands in the western Black Sea**
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- IV. **Analysing of atmospheric conditions and their effects on air quality in Istanbul using SODAR and CEILOMETER**
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- V. **Analysis of a vortex causing sea-effect snowfall in the western part of the Black Sea: a case study of events that occurred on 30-31 January 2012**
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- VI. **Classification and analysis of sea-effect snowbands for Danube Sea area in Black Sea**
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IX. Synoptic analysis of dust storm over Arabian Peninsula: a case study on February 28, 2009

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X. INVESTIGATION OF THE FOG-AIR QUALITY RELATIONSHIP IN ISTANBUL

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XI. INVESTIGATION OF THUNDERSTORMS OVER ATATURK INTERNATIONAL AIRPORT (LTBA), ISTANBUL

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Articles Published in Other Journals

I. Power Curve Verification of Wind Turbines by Using the Nacelle Mounted Anemometer

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VI. Comparison of Three Stations' PM10 Data for Istanbul, Turkey

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VIII. Investigation of Accident Incident In-Flight Reports for The European Region

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Avrupa Bilim ve Teknoloji Dergisi, vol.2, no.5, pp.155-160, 2015 (Other Refereed National Journals)

Refereed Congress / Symposium Publications in Proceedings

- I. **Queensland Townsville Floods in Australia in Feb 2019**
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- III. **İstanbul Sabiha Gökçen Uluslararası Havalimanı'na Ait Sis Oluşumu ile İlgili Sinoptik Durum Araştırması**
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- IV. **Güvenli Uçuş ve Ekonomik Kayıpların Minimize Edilmesi için İstanbul Sabiha Gökçen Uluslararası Havalimanı'na Ait FOGSİ İndeksi Kullanılarak Sis Analizi**
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- V. **Temporal Analysis of Fog Incident at Airports in Turkey**
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- VI. **Fog Analysis at Adana City Airports**
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- VII. **Investigation of the Relationship Between Bolu and Kocaeli Dilovası Air Pollution Parameters by WRF-Chem Model**
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- XII. **Atatürk Uluslararası Havalimanı'nda Meydana Gelen Downburst Hadisesinin İncelenmesi**
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- XIV. **Investigation of Wind Characteristics for Bergama in terms of Wind Energy**

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XV. Karar Ağacı Modeli Kullanarak İstanbul Atatürk Havalimanı için Sis Tahmini

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XVI. Trabzon Havalimanı için Veri Madenciliği Yöntemleri Kullanılarak Sis Analizi ve Öngörü

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XVII. The Importance of Blocking Events in Air Pollution in Turkey

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XVIII. Deniz A., Çiftci N., Akbayır İ., Yavuz V.

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XIX. FOGSI İndeksi ile Sis Olasılığı Hesaplama Yöntemi ve Kriterleri

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XX. İstanbul Yenibosna için Mevsimlik Kirlilik Analizi

Çiftci N., Akbayır İ., Yavuz V., Deniz A.

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XXI. Temporal and Spatial Analysis of Hail in Turkey

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XXII. Computational Fluid Dynamics Approach to Wind Energy Calculation and Assessment of Wind Resource of Aegean Region in Turkey

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XXV. Investigation of Accident Incident In-Flight Reports for The European Region

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XXVI. Investigation of CODA Reports

Yavuz V., Deniz A.

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XXVII. 15 Temmuz 2013 Tarihinde Ankara Esenboğa Havalimanı'nda Yaşanan Boran Olayının İncelenmesi

Yavuz V., Deniz A.

- ATMOS'15 (7. Atmosfer Bilimleri Sempozyumu), İstanbul, Turkey, 28 - 30 April 2015, pp.465-474
- XXVIII. **Temporal and Spatial Analysis of Tornado Cases in Turkey**
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ATMOS'15 (7. Atmosfer Bilimleri Sempozyumu), İstanbul, Turkey, 28 - 30 April 2015, pp.79-85
- XXIX. **Squall Line over Antalya**
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- XXX. **Investigation of the Effect of Snowfall on the Flights in Turkey**
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- XXXI. **Analysis of the Wind Persistence in Southwest Anatolia in terms of Paragliding**
Yavuz V., Koçak K., Kahya C.
OSTIV (Organisation Scientifique et Technique Internationale du Vol `a Voile) Congress, Poznan, Poland, 30 July - 06 August 2014, pp.43

Citations

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