

Personal Information

Email: osener@metu.edu.tr

Web: <https://avesis.metu.edu.tr/osener>

International Researcher IDs

ScholarID: 7DSIrUIAAAAJ

ORCID: 0000-0001-8698-3463

Publons / Web Of Science ResearcherID: ABA-3240-2020

ScopusID: 56732782400

Yoksis Researcher ID: 240495

Research Areas

Composites, Nanomaterials, Aeronautical Engineering, Non Metallic Materials Materials

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Evaluation of the Effect of Spar Cap Fiber Angle of Bending-Torsion Coupled Blades on the Aero-Structural Performance of Wind Turbines**
Şener Ö., Farsadi T., Gozc M. O., Kayran A.
Journal of Solar Energy Engineering, Transactions of the ASME, vol.140, 2018 (SCI-Expanded)

Refereed Congress / Symposium Publications in Proceedings

- I. **Experimental Assessment of Bend-Twist Coupling Potentials of Composite Materials via Digital Image Correlation Method**
ŞENER Ö., ATALAY O., KAYRAN A.
AIAA SciTech Forum, 7 - 11 January 2019
- II. **EVALUATION OF TRANSVERSE SHEAR MODULI OF COMPOSITE SANDWICH BEAMS THROUGH THREE-POINT BENDING TESTS**
ŞENER Ö., Dede O., ATALAY O., ATASOY M., KAYRAN A.
International Mechanical Engineering Congress and Exposition IMECE2018, United States Of America, 9 - 15 November 2018
- III. **Determination of Transverse Shear Moduli of Composite Core Materials Through Sandwich Beam Tests**
ŞENER Ö., Dede O., ATALAY O., ATASOY M., KAYRAN A.
12th International Conference on Sandwich Structures ICSS-12, Switzerland, 19 - 22 August 2018
- IV. **Structural Performance and Power Production of Wind Turbine Systems with Bend-Twist Coupled Blades in Underrated Wind Conditions**
ŞENER Ö., KAYRAN A.
AIAA SciTech Forum 2018 AIAA/ASCE/AHS/ASC Structures, Structural Dynamics, and Materials Conference, United States Of America, 8 - 12 January 2018
- V. **FREE VIBRATION ANALYSIS OF UNIFORM AND ASYMMETRIC COMPOSITE PRETWISTED ROTATING**

THIN WALLED BEAM

Farsadi T., ŞENER Ö., KAYRAN A.

ASME International Mechanical Engineering Congress and Exposition, Tama, Japan, 3 - 09 November 2017

VI. Effect of Fibre Orientation of Bend-Twist Coupled Blades on the Structural Performance of the Wind Turbine System

ŞENER Ö., FARSADI T., KAYRAN A.

AIAA SciTech Forum 35th Wind Energy Symposium, United States Of America, 9 - 13 January 2017

VII. Effect of Fiber Orientation of Bend-Twist Coupled Blades on the Structural Performance of the Wind Turbine System

Şener Ö., Farsadi T., Kayran A.

35th Wind Energy Symposium, Texas, United States Of America, 9 - 13 January 2017

VIII. Assessment of the effect of hybrid GFRP-CFRP usage in wind turbine blades on the reduction of fatigue damage equivalent loads in the wind turbine system

Gözcü M. O., Farsadi T., ŞENER Ö., KAYRAN A.

33rd Wind Energy Symposium 2015, Florida, United States Of America, 5 - 09 January 2015

IX. Reduction of fatigue damage equivalent loads in the wind turbine system through the use of off-axis plies in the spar caps of composite wind turbine blades

Ozan Gözcü M., Farsadi T., ŞENER Ö., KAYRAN A.

20th International Conference on Composite Materials, ICCM 2015, Copenhagen, Denmark, 19 - 24 July 2015, vol.2015-July

Metrics

Publication: 10

Citation (WoS): 19

Citation (Scopus): 37

H-Index (WoS): 2

H-Index (Scopus): 3

Congress and Symposium Activities

International Workshop on Plasticity, Damage and Fracture of Engineering Materials, Attendee, İstanbul, Turkey, 2023

Wind Energy Science Conference 2023, Attendee, Glasgow, England, 2023