Arş. Gör. ÖZGÜN ŞENER

Kişisel Bilgiler

E-posta: osener@metu.edu.tr
Web: https://avesis.metu.edu.tr/osener

Uluslararası Araştırmacı ID'leri
ScholarID: 7DSIrUIAAAAJ
ORCID: 0000-0001-8698-3463
Publons / Web Of Science ResearcherID: ABA-3240-2020
ScopusID: 56732782400
Yoksis Araştırmacı ID: 240495

Araştırma Alanları

Kompozitler, Nanomalzemeler, Havacılık Mühendisliği, Metal olmayan malzemeler

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

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, cilt.140, 2018 (SCI-Expanded)

Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

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 Ocak 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, Amerika Birleşik Devletleri, 9 - 15 Kasım 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, İsviçre, 19 - 22 Ağustos 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, Amerika Birleşik Devletleri, 8 - 12 Ocak 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, Japonya, 3 - 09 Kasım 2017

VI. **Effect of Fibre Orientation of Bend-Twist Coupled Blades on the Structural Performance of the Wind Turbine System**
ŞENER Ö., FARSADİ T., KAYRAN A.
AIAA SciTech Forum 35th Wind Energy Symposium, Amerika Birleşik Devletleri, 9 - 13 Ocak 2017

VII. **Effect of Fiber Orientation of Bend-Twist Coupled Blades on the Structural Performance of the Wind Turbine System**
Şener Ö., Farsadı T., Kayran A.
35th Wind Energy Symposium, Texas, Amerika Birleşik Devletleri, 9 - 13 Ocak 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, Amerika Birleşik Devletleri, 5 - 09 Ocak 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, Danimarka, 19 - 24 Temmuz 2015, cilt.2015-July

Metrikler

Yayın: 10
Atıf (WoS): 19
Atıf (Scopus): 40
H-İndeks (WoS): 2
H-İndeks (Scopus): 3

Kongre ve Sempozyum Katılımı Faaliyetleri

Progressive Failure Analysis of Composite Open-Hole Tension Tests based on Schapery and Crack Band Theories, Katılımcı, İstanbul, Türkiye, 2023
Wind Energy Science Conference 2023, Katılımcı, Glasgow, İngiltere, 2023