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Education Information

Doctorate, Erciyes University, Fen Bilimleri Enstitüsü, Makine Mühendisliği Abd, Turkey 2017 - 2021

Postgraduate, Yüzüncü Yıl Üniversitesi, Fen Bilimleri Enstitüsü, Makine Mühendisliği Abd, Turkey 2014 - 2016

Undergraduate, Cukurova University, Mühendislik - Mimarlık Fakültesi, Makine Mühendisliği , Turkey 2005 - 2011

Research Areas

Technical Sciences, Mechanical Engineering, Energy, Wind power

Academic Titles / Tasks

Research Assistant PhD, Van Yüzüncü Yıl University, Mühendislik Fakültesi, Makine Mühendisliği Bölümü, 2021 - Continues

Research Assistant, Erciyes University, Fen Bilimleri Enstitüsü, –, 2017 - 2021

Research Assistant, Van Yüzüncü Yıl University, Mühendislik Fakültesi, Makine Mühendisliği Bölümü, 2013 - 2017

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Structure estimation of vertical axis wind turbine using artificial neural network**
TEKŞİN S., Azginoglu N., AKANSU S. O.
ALEXANDRIA ENGINEERING JOURNAL, vol.61, no.1, pp.305-314, 2022 (SCI-Expanded)
- II. **Control of flow structures around a cylinder in deep water employing a passive control element**
Yayla S., Tekşin S., ŞAHİN B.
FLUID DYNAMICS RESEARCH, vol.51, no.5, 2019 (SCI-Expanded)
- III. **Flow measurement around a cylindrical body by attaching flexible plate: A PIV approach**
Yayla S., Tekşin S.
FLOW MEASUREMENT AND INSTRUMENTATION, vol.62, pp.56-65, 2018 (SCI-Expanded)
- IV. **Effects of flexible plate attached to the rear of the cylinder on flow structure**
Tekşin S., Yayla S.
JOURNAL OF MECHANICAL SCIENCE AND TECHNOLOGY, vol.31, no.3, pp.1195-1201, 2017 (SCI-Expanded)
- V. **Effects of Flexible Splitter Plate in the Wake of a Cylindrical Body**
Tekşin S., Yayla S.

Articles Published in Other Journals

I. Performance analysis of Savonius wind turbines in different models

Simsek A., TEKŞİN S., AKANSU S. O., AKANSU Y. E.

WIND ENGINEERING, vol.46, no.5, pp.1440-1451, 2022 (ESCI)

Refereed Congress / Symposium Publications in Proceedings

I. Experimental Investigation on Performance Parameter of Different Blade Types in Savonius Wind Turbine

şimşek a., AKANSU Y. E., AKANSU S. O., TEKŞİN S.

12th International Conference on Sustainable Energy Environmental Protection, Sharjah, United Arab Emirates, 18 - 21 December 2019, vol.1, no.1, pp.539-544

II. Experimental Investigation of Turbine Blades for Vertical Axis Turbine

TEKŞİN S., AKANSU Y. E., AKANSU S. O.

12th International Conference on Sustainable Energy Environmental Protection, SEEP 2019, Sharjah, United Arab Emirates, 18 November - 21 December 2019, vol.0

III. Numerical Investigation of Solidity Effects on a 3 Bladed Vertical Axis Wind Turbine

Şimşek A., TEKŞİN S., AKANSU S. O.

7th Global Conference on Global Warming (GCGW-2018), İzmir, Turkey, 24 - 28 June 2018

IV. Use of Circular Wind Regulator on Vertical Axis Wind Turbine

Aksoy S., TEKŞİN S., AKANSU S. O.

16th International Conference on Clean Energy (ICCE-2018), Famagusta, 9 - 11 May 2018

V. YATAY EKSENİ BİR RÜZGÂR TÜRBİNİNDE KATILIK ORANININ İNCELENMESİ

KURT M., TEKŞİN S., AKANSU S. O.

21. Ulusal Isı Bilim Tekniği Kongresi, Çorum, Turkey, 13 - 16 September 2017, pp.1-7

VI. Esnek Bir Parça Eklenerek Silindirik Etrafındaki Akış Yapısının Parçacık Görüntülemeli Hız Ölçme Yöntemiyle İncelenmesi

YAYLA S., TEKŞİN S.

20. Ulusal Isı Bilimi ve Tekniği Kongresi, Balıkesir, Turkey, 2 - 05 September 2015, pp.172

VII. Experimental Study of Flow Characteristics for a Cylinder with Respect to Attached Flexible Strip Body of Various Reynolds Number

YAYLA S., TEKŞİN S.

ICMAE 2015 : 18th International Conference on Mechanical and Aerospace Engineering, JEDDAH, Saudi Arabia, 26 - 27 January 2015, vol.2, pp.1

VIII. Investigation of Single Slotted Cylinder Placed in a Fin Tube Heat Exchanger Model

YAYLA S., ŞAHİN B., AKILLI H., ÖNAL S., TEKŞİN S.

Mechanical and Automation Engineering, ROMA, Italy, 18 - 19 May 2015, pp.10-15

IX. Investigation of Flow Structure Around a Cylinder with a Strip by Effect of Boundary Layer

YAYLA S., TEKŞİN S.

Experimental Fluid Mechanics 2014, Cesky Krumlov, Czech Republic, 18 - 21 November 2014, vol.92, pp.4

X. Comparison of Flow Structures in the Downstream Region of a Cylinder with Flexible Strip

TEKŞİN S., YAYLA S.

9th International Conference on Experimental Fluid Mechanics, Cesky Krumlov, Czech Republic, 18 - 21 November 2014, vol.92, pp.617-622

Metrics

Publication: 16

Citation (WoS): 12

Citation (Scopus): 14

H-Index (WoS): 2

H-Index (Scopus): 2