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### Kişisel Bilgiler

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Publons / Web Of Science ResearcherID: C-1506-2018

Yoksis Araştırmacı ID: 217021

### SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

I. **Impact of local flexible membrane on power efficiency stability at wind turbine blade**

Koca K., GENÇ M. S., Erturk S.

RENEWABLE ENERGY, cilt.197, ss.1163-1173, 2022 (SCI-Expanded)

### Diğer Dergilerde Yayınlanan Makaleler

I. **EFFECTS OF THICKNESS AND CAMBER RATIO ON FLOW CHARACTERISTICS OVER AIRFOILS**

KARASU İ., AÇIKEL H. H., KOCA K., GENÇ M. S.

Journal of Thermal Engineering, cilt.6, sa.3, ss.242-252, 2020 (ESCI)

II. **Experimental Investigation of Surface Roughness Effect over Wind Turbine Airfoil**

KOCA K., GENÇ M. S., AÇIKEL H. H.

Çukurova Üniversitesi Mühendislik-Mimarlık Fakültesi Dergisi, cilt.31, ss.127-134, 2016 (Hakemli Dergi)

### Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

I. **IMPROVEMENT OF COMPOSITE WIND TURBINE BLADE PROPERTIES USING GLASS FIBER AND NANOFLUID-GRAPHENE**

KOCA K., Ergüner A., GENÇ M. S.

5TH INTERNATIONAL CONFERENCE ON ADVANCES IN MECHANICAL ENGINEERING, 17 - 19 Aralık 2019

II. **EXPERIMENTAL INVESTIGATION ON CAPACITY OF ELECTRICITY GENERATION OF PIEZOELECTRIC PATCHES MOUNTED OVER FLEXIBLE MEMBRANE WING**

BAYRAMOĞLU N., GENÇ M. S., KOCA K., ALTUNAL A.

5TH INTERNATIONAL CONFERENCE ON ADVANCES IN MECHANICAL ENGINEERING, 17 - 19 Aralık 2019

III. **Experimental Investigation on Effect of Partial Flexibility at Low Aspect Ratio Airfoil – Part I: Installation on Suction Surface**

GENÇ M. S., AÇIKEL H. H., KOCA K.

Experimental Fluid Mechanics 2019, 19 - 22 Kasım 2019

IV. **Unsteady aerodynamics over surface of a chambered airfoil at stall angle and low Reynolds number**

GENÇ G., KOCA K., GENÇ M. S.

Experimental Fluid Mechanics, 19 - 22 Kasım 2019

V. **Numerical investigation on NACA0012 airfoil with tubercular structure**

AÇIKEL H. H., Tosun M., GENÇ M. S., KOCA K.

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- VI. **Experimental Investigation on Effect of Partial Flexibility at Low Aspect Ratio Airfoil - Part II: Installation both on Suction and Pressure Surface**  
KOCA K., GENÇ M. S., AÇIKEL H. H.  
Experimental fluid mechanics 2019, 19 - 22 Kasım 2019
- VII. **Optimization of Length of Support Rods in Vertical Axis Wind Turbine**  
DEMİR H., KOCA K., ÖZKAN R., AÇIKEL H. H., KARAKAYA B., GENÇ M. S.  
First International Conference on Energy Systems Engineering, Karabük, Türkiye, 2 - 04 Kasım 2017
- VIII. **The Investigation of Various Airfoil Models on Effect of Aerodynamic Performance at Savonius Wind Turbines**  
KOCA K., Akça U., AÇIKEL H. H., Özden M., GENÇ M. S., ÖZKAN R.  
1.International Scientific and Vocational Studies Congress (BILMES 2017), Nevşehir, Türkiye, 5 - 08 Ekim 2017
- IX. **A Numerical Study on Flow Control at Bumpy Airfoils**  
DEMİR H., KOCA K., Özden M., GENÇ M. S., KARASU İ., ÖZKAN R.  
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- X. **Kanat Profili Aeroelastik Davranışının Sayısal İncelenmesi**  
GENÇ G., DEMİR H., AÇIKEL H. H., Özden M., KOCA K., GENÇ M. S.  
2nd International Mediterranean Science and Engineering Congress (IMSEC 2017), Adana, Türkiye, 25 - 27 Ekim 2017
- XI. **NUMERICAL INVESTIGATION OF AERODYNAMICS PERFORMANCE OF NACA4412 AIRFOIL WITH TRAILING-EDGE FLAP**  
KARASU İ., Sekhoune K., Özden M., GENÇ M. S., KOCA K., Ertürk S.  
INTERNATIONAL CONFERENCE ON ADVANCES IN SCIENCE (ICAS 2017), İstanbul, Türkiye, 13 - 15 Eylül 2017
- XII. **THE IDENTIFICATION OF LAMINAR SEPARATION BUBBLE AND TRANSITION ONSET ON WIND TURBINE BLADE AT LOW REYNOLDS NUMBER**  
DEMİR H., KARASU İ., AÇIKEL H. H., Özden M., KOCA K., GENÇ M. S.  
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- XIII. **Experimental Investigation of Surface Roughness Effect over Wind Turbine Airfoil**  
KOCA K., GENÇ M. S., AÇIKEL H. H.  
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- XIV. **Elimination Of Tip Vortex Using Air Holes At Wind Turbine Blade**  
Bodur T. M., GENÇ M. S., KOCA K.  
The International Symposium on Sustainable Aviation (ISSA-2016), 29 Mayıs - 01 Haziran 2016, ss.262-265
- XV. **Roughness Effect on Flow over Wind Turbine Airfoil**  
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- XVI. **Flow Characteristics over NACA4412 airfoil at Low Reynolds Number**  
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## Metrikler

Yayın: 19