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Kişisel Bilgiler

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Eğitim Bilgileri

Doktora, Karadeniz Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Makine Mühendisliği, Türkiye 2016 - Devam Ediyor

Yüksek Lisans, Niğde Üniversitesi, Fen Bilimleri Enstitüsü, Makine Mühendisliği, Türkiye 2013 - 2015

Lisans, Niğde Üniversitesi, Mühendislik Fakültesi, Makine Mühendisliği, Türkiye 2008 - 2013

Yaptığı Tezler

Yüksek Lisans, BUJİ PLAZMA SENTETİK JET AKTÜATÖRÜNÜN PEM YAKIT PİLİ PERFORMANSI ÜZERİNE ETKİSİNİN İNCELENMESİ, Niğde Üniversitesi, Fen Bilimleri Enstitüsü, Makine Mühendisliği, 2015

Araştırma Alanları

Makina Mühendisliği, Enerji, Akışkanlar Mekaniği , Hidrojen teknolojileri ve yakıt hücreleri, Rüzgar Enerjisi, Havacılık ve Uzay Mühendisliği, Havacılık Mühendisliği, Uçuş Bilimleri, Aerodinamik , Mühendislik ve Teknoloji

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. **The effect of a novel spark-plug plasma synthetic jet actuator on the performance of a PEM fuel cell**
SEYHAN M., Akansu Y. E.
INTERNATIONAL JOURNAL OF HEAT AND MASS TRANSFER, cilt.140, ss.147-151, 2019 (SCI İndekslerine Giren Dergi)
- II. **EFFECT OF SIGNAL MODULATION OF DBD PLASMA ACTUATOR ON FLOW CONTROL AROUND NACA 0015**
Guler A. A. , SEYHAN M., Akansu Y. E.
ISI BİLİMİ VE TEKNİĞİ DERGİSİ-JOURNAL OF THERMAL SCIENCE AND TECHNOLOGY, cilt.38, ss.95-105, 2018 (SCI İndekslerine Giren Dergi)
- III. **Performance prediction of PEM fuel cell with wavy serpentine flow channel by using artificial neural network**
SEYHAN M., AKANSU Y. E. , Murat M., KORKMAZ Y., AKANSU S. O.
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, cilt.42, ss.25619-25629, 2017 (SCI İndekslerine Giren Dergi)
- IV. **THE IMPROVEMENT OF DRAG FORCE ON A TRUCK TRAILER VEHICLE BY PASSIVE FLOW CONTROL METHODS**
AKANSU Y. E. , BAYINDIRLI C., SEYHAN M.
ISI BİLİMİ VE TEKNİĞİ DERGİSİ-JOURNAL OF THERMAL SCIENCE AND TECHNOLOGY, cilt.36, ss.133-141, 2016 (SCI İndekslerine Giren Dergi)

Diğer Dergilerde Yayınlanan Makaleler

- I. **Effect of Attack Angle on Flow around A Square Prism with A Splitter Plate**
SEYHAN M., SARIOĞLU M., AKANSU Y. A.
Uludağ University Journal of The Faculty of Engineering, cilt.23, no.2, ss.233-240, 2018 (Hakemli Üniversite Dergisi)
- II. **Drag Force Estimation of a Truck Trailer Model Using Artificial Neural Network**
SARIOĞLU M., SEYHAN M., AKANSU Y. E.
INTERNATIONAL JOURNAL OF AUTOMOTIVE ENGINEERING AND TECHNOLOGIES, cilt.5, no.4, ss.155-167, 2016 (Diğer Kurumların Hakemli Dergileri)
- III. **Aerodynamic Drag Force Estimation of a Truck Trailer Model Using Artificial Neural Network**
SARIOĞLU M., SEYHAN M., AKANSU Y. E.
INTERNATIONAL JOURNAL OF AUTOMOTIVE ENGINEERING AND TECHNOLOGIES, cilt.5, no.4, ss.168-175, 2016 (Diğer Kurumların Hakemli Dergileri)
- IV. **Aerodynamic forces acting on a circular cylinder with splitter plate at incidence**
SARIOĞLU M., SEYHAN M., AKANSU Y. E.
KSU Journal of Engineering Sciences, cilt.19, ss.1-6, 2016 (Hakemli Üniversite Dergisi)
- V. **The passive flow control around a truck-trailer model**
OZEL M., AYGUN E., AKANSU Y. E., BAYINDIRLI C., SEYHAN M.
INTERNATIONAL JOURNAL OF AUTOMOTIVE ENGINEERING AND TECHNOLOGIES, cilt.4, no.4, ss.185-192, 2015 (Hakemli Üniversite Dergisi)

Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

- I. **DESIGN AND EXPERIMENTAL INVESTIGATION OF BIO-INSPIRED SPOILER FOR TRUCK-TRAILER**
KESAT T. M., SARIOĞLU M., SEYHAN M.
The International Conference on Materials Science, Mechanical and Automotive Engineerings and Technology in Cappadocia/TURKEY (IMSMATEC'19), Nevşehir, Türkiye, 21 - 23 Haziran 2019, ss.531-534
- II. **INVESTIGATION OF LEADING EDGE TUBERCLES ON NACA 0015 AIRFOIL**
SEYHAN M., SARIOĞLU M., AKANSU Y. A.
1 st International Conference on Advances in Mechanical and Mechatronics Engineering, Ankara, Türkiye, 8 - 09 Kasım 2018, ss.413-416
- III. **INVESTIGATION OF HALF NACA 0018 AIRFOIL ON TRUCK-TRAILER**
SARIOĞLU M., SEYHAN M., AKANSU Y. A.
1 st International Conference on Advances in Mechanical and Mechatronics Engineering, Ankara, Türkiye, 8 - 09 Kasım 2018, cilt.1, no.1, ss.499-503
- IV. **HEAT TRANSFER CHARACTERISTICS OF A SYNTHETIC JET ACTUATOR WITH VARIED DRIVEN SIGNAL TYPE**
KOCABIYIK O., AKBIYIK H., SEYHAN M., SARIOĞLU M., AKANSU Y. A.
1 st International Conference on Advances in Mechanical and Mechatronics Engineering, Ankara, Türkiye, 8 - 09 Kasım 2018, ss.476-479
- V. **DRAG REDUCTION OF TRUCK-TRAILER USING HALF OF NACA 0006 AIRFOIL**
SARIOĞLU M., SEYHAN M., AKANSU Y. A.
OTEKON 2018 ULUSLARARASI 9. OTOMOTİV TEKNOLOJİLERİ KONGRESİ, Bursa, Türkiye, 7 - 08 Mayıs 2018, ss.714-719
- VI. **Effect of Synthetic Jet with Duty Cycle over Heat Transfer Enhancement**
SEYHAN M., AKBIYIK H., SARIOĞLU M., ERDURCAN E. F., AKANSU Y. E.
Proceedings of the 3rd World Congress on Momentum, Heat and Mass Transfer (MHMT'18), Budapest, Macaristan, 12 - 14 Nisan 2018
- VII. **FLOW AROUND A SQUARE CYLINDER WITH WAVY SPLITTER PLATE PLACED UPSTREAM**

- SEYHAN M., SARIOĞLU M., AKANSU Y. E.
9th ANKARA INTERNATIONAL AEROSPACE CONFERENCE, Ankara, Türkiye, 20 - 22 Eylül 2017, ss.1-8
- VIII. **Flow Control around a NACA 0015 Airfoil with DBD Plasma Actuator Placed at an Angle to Chord Direction as a Vortex Generator**
GÜNAYDIN R., AKANSU Y. E. , AKBIYIK H., SEYHAN M.
9th ANKARA INTERNATIONAL AEROSPACE CONFERENCE, Ankara, Türkiye, 20 - 22 Eylül 2017, ss.1-7
- IX. **Investigation of Flow Characteristics of Synthetic Jet Driven by Duty Cycle Signal**
AKANSU Y. E. , SARIOĞLU M., SEYHAN M., AKBIYIK H.
10th International Conference on Sustainable Energy & Environmental Protection, Bled, Slovenya, 27 Haziran - 30 Temmuz 2017, cilt.1, no.1, ss.345-354
- X. **Investigation of flow characteristics of synthetic jet driven by duty cycle signal**
AKANSU Y. E. , SARIOĞLU M., SEYHAN M., AKBIYIK H.
10th International Conference on Sustainable Energy and Environmental Protection, Bled, Slovenya, 27 - 30 Haziran 2017, ss.345-354
- XI. **Aerodynamic Force Estimation of A NACA 0015 Airfoil with DBD Plasma Actuator Using Artificial Neural Network**
AKBIYIK H., SEYHAN M., AKANSU Y. E. , YAVUZ H., SARIOĞLU M.
3 rd INTERNATIONAL RESEARCHERS, STATISTICIANS AND YOUNG STATISTICIANS CONGRESS, Konya, Türkiye, 24 - 26 Mayıs 2017, ss.1
- XII. **Vortex Shedding Frequency Estimation of a Circular Cylinder with Splitter Plate at Incidence Using Artificial Neural Network**
SEYHAN M., SARIOĞLU M., AKANSU Y. E. , AKBIYIK H.
3 rd INTERNATIONAL RESEARCHERS, STATISTICIANS AND YOUNG STATISTICIANS CONGRESS, Konya, Türkiye, 24 - 26 Mayıs 2017, ss.1
- XIII. **Effect of Length of the Wavy Shaped Splitter Plate on Flow around a Circular Cylinder**
SARIOĞLU M., SEYHAN M., AKANSU Y. E.
8th International Exergy, Energy and Environment Symposium (IEEES-8), Antalya, Türkiye, 1 - 04 Mayıs 2016, ss.589-592
- XIV. **Effect of length of the wavy shaped splitter plate on flow around a circular cylinder**
SARIOĞLU M., SEYHAN M., AKANSU Y. E.
IEEES8 - 8th International Exergy, Energy and Environmental Symposium, Antalya, Türkiye, 1 - 04 Mayıs 2016, ss.1-4
- XV. **Effect of the duty cycle on the spark-plug plasma synthetic jet actuator**
SEYHAN M., Akansu Y. E. , Karakaya F., Yesildag C., AKBIYIK H.
10th Anniversary International Conference on Experimental Fluid Mechanics, Prague, Çek Cumhuriyeti, 17 - 20 Kasım 2015, cilt.114
- XVI. **Effect of the Duty Cycle on the Spark-Plug Plasma Synthetic Jet Actuator**
SEYHAN M., AKANSU Y. E. , Karakaya F., Yesildag C., AKBIYIK H.
Experimental fluid mechanics, Prague, Çek Cumhuriyeti, 17 - 20 Kasım 2015
- XVII. **Effect of the wavy shaped splitter plate on flow around a circular cylinder**
SARIOĞLU M., SEYHAN M., AKANSU Y. E.
13th International Conference on Fluid Control, Measurements and Visualization, Doha, Qatar, 15 - 18 Kasım 2015
- XVIII. **Development of Novel Plasma Synthetic Jet Actuator Based on Spark-Plug**
SEYHAN M., AKANSU Y. E. , Karakaya F., Ay F.
13th International Conference on Fluid Control, Measurements and Visualization, Doha, Qatar, 15 - 18 Kasım 2015

Desteklenen Projeler

TÜBİTAK Projesi, PEM Yakıt Pillerinde Plazma Sentetik Jet Kullanılarak Yakıt Pili Performansının İyileştirilmesi, 2014 - 2016

Atıflar

Toplam Atıf Sayısı (WOS):25

h-indeksi (WOS):3