

Prof. MUSTAFA SARIOĞLU

Personal Information

Office Phone: [+90 462 377 2959](tel:+904623772959)

Email: sarioglu@ktu.edu.tr

Web: <https://avesis.ktu.edu.tr//sarioglu>

International Researcher IDs

ORCID: 0000-0002-4295-7607

Publons / Web Of Science ResearcherID: AAT-1237-2020

Yoksis Researcher ID: 154286

Education Information

Doctorate, Karadeniz Technical University, Mühendislik Fakültesi, Makine Mühendisliği, Turkey 1991 - 1997

Postgraduate, Karadeniz Technical University, Mühendislik Fakültesi, Makine Mühendisliği, Turkey 1989 - 1991

Undergraduate, Karadeniz Technical University, Mühendislik Fakültesi, Makine Mühendisliği, Turkey 1981 - 1984

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, Küt cisimler aerodinamiği ve vorteks-shedding olayının deneysel incelemesi, Karadeniz Technical University, Mühendislik Fakültesi, Makine Mühendisliği, 1997

Postgraduate, Silindirik boru içerisine yerleştirilen silindirik yüzey elemanlarının akım ortamına etkilerinin deneysel olarak incelenmesi, Karadeniz Technical University, Mühendislik Fakültesi, Makine Mühendisliği, 1991

Research Areas

Mechanical Engineering, Energy, Fluid Mechanics, Engineering and Technology

Academic Titles / Tasks

Professor, Karadeniz Technical University, Mühendislik Fakültesi, Makine Mühendisliği, 2023 - Continues

Associate Professor, Karadeniz Technical University, Mühendislik Fakültesi, Makine Mühendisliği, 2018 - 2023

Assistant Professor, Karadeniz Technical University, Mühendislik Fakültesi, Makine Mühendisliği, 2005 - 2018

Research Assistant, Karadeniz Technical University, Mühendislik Fakültesi, Makine Mühendisliği, 1990 - 2004

Advising Theses

Sarioğlu M., Uçak kanadı üzerinde kullanılan girdap üreteçlerinin aerodinamik karakteristikleri üzerine etkilerinin

incelenmesi, Postgraduate, M.ALGAN(Student), 2023

Sarioğlu M., Doğadan esinlenen kanatlarda dalgalı hücum kenarının aerodinamik karakteristiklerinin incelenmesi, Postgraduate, A.ÇOLAK(Student), 2023

Sarioğlu M., Genlik modülasyonlu dalgalı geometriye sahip uçak kanadının aerodinamik performansının deneysel incelenmesi, Doctorate, M.SEYHAN(Student), 2022

Sarioğlu M., Thesis, Postgraduate, M.Yusuf(Student), 2021

Sarioğlu M., Thesis, Postgraduate, T.Merve(Student), 2019

Sarioğlu M., Thesis, Postgraduate, H.Ahmet(Student), 2017

Jury Memberships

Post Graduate, Post Graduate, Karadeniz Teknik Üniversitesi, October, 2023

Appointment to Academic Staff-Assistant Professorship, Appointment to Academic Staff-Assistant Professorship, Tarsus Üniversitesi, October, 2021

Post Graduate, Post Graduate, Başkent Üniversitesi, September, 2021

Doctorate, Doctorate, Niğde Ömer Halisdemir Üniversitesi, February, 2021

Post Graduate, Post Graduate, Niğde Ömer Halisdemir Üniversitesi, April, 2017

Post Graduate, Post Graduate, Niğde Ömer Halisdemir Üniversitesi, December, 2015

Post Graduate, Post Graduate, Niğde Ömer Halisdemir Üniversitesi, July, 2014

Post Graduate, Post Graduate, Niğde Ömer Halisdemir Üniversitesi, August, 2011

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Effect of aero-shaped vortex generators on NACA 4415 airfoil**
Algan M., Seyhan M., Sarioğlu M.
OCEAN ENGINEERING, vol.291, 2024 (SCI-Expanded)
- II. **Investigation of aerodynamic performance of Clark-Y airfoil with more realistic tubercle model and internal slots**
Demirci V., Seyhan M., Sarioglu M.
PHYSICS OF FLUIDS, vol.35, no.8, 2023 (SCI-Expanded)
- III. **Leading-edge tubercle modifications to the biomimetic wings**
Çolak A., Seyhan M., Sarioğlu M.
PHYSICS OF FLUIDS, vol.35, no.1, 2023 (SCI-Expanded)
- IV. **The effect of leading-edge tubercle on a tapered swept-back SD7032 airfoil at a low Reynolds number**
Seyhan M., Akbiyik H., Sarioğlu M., Kececioglu S. C.
OCEAN ENGINEERING, vol.266, 2022 (SCI-Expanded)
- V. **Influence of Leading-Edge Tubercle with Amplitude Modulation on NACA 0015 Airfoil**
Seyhan M., Sarioğlu M., Akansu Y. E.
AIAA JOURNAL, vol.59, no.10, pp.3965-3978, 2021 (SCI-Expanded)
- VI. **Investigation of drag reduction performance of half NACA 0009 and 0012 airfoils placed over a trailer on the flow around truck-trailer**
SEYHAN M., SARIOĞLU M.
JOURNAL OF MECHANICAL SCIENCE AND TECHNOLOGY, vol.35, no.7, pp.2971-2979, 2021 (SCI-Expanded)
- VII. **Control of flow around a square cylinder at incidence by using a splitter plate**
SARIOĞLU M.
FLOW MEASUREMENT AND INSTRUMENTATION, vol.53, pp.221-229, 2017 (SCI-Expanded)
- VIII. **AERODYNAMIC CHARACTERISTICS OF THE FLOW AROUND AN AIRFOIL AND A CIRCULAR CYLINDER**
SARIOĞLU M.

Niğde Üniversitesi Mühendislik Bilimleri Dergisi, vol.6, pp.191-202, 2017 (SSCI)

- IX. **Flow field and heat transfer characteristics in an oblique slot jet impinging on a flat plate**
Akansu Y. E., SARIOĞLU M., Kuvvet K., YAVUZ T.
INTERNATIONAL COMMUNICATIONS IN HEAT AND MASS TRANSFER, vol.35, no.7, pp.873-880, 2008 (SCI-Expanded)
- X. **Flow around a rotatable square cylinder-plate body**
Sarioglu M., Akansu Y., Yavuz T.
AIAA JOURNAL, vol.44, no.5, pp.1065-1072, 2006 (SCI-Expanded)
- XI. **Control of flow around square cylinders at incidence by using a rod**
Sarioglu M., Akansu Y., Yavuz T.
AIAA JOURNAL, vol.43, no.7, pp.1419-1426, 2005 (SCI-Expanded)
- XII. **Flow around a rotatable circular cylinder-plate body at subcritical Reynolds numbers**
Akansu Y., Sarioglu M., Yavuz T.
AIAA JOURNAL, vol.42, no.6, pp.1073-1080, 2004 (SCI-Expanded)
- XIII. **Subcritical flow around bluff bodies**
Sarioglu M., Yavuz T.
AIAA JOURNAL, vol.40, no.7, pp.1257-1268, 2002 (SCI-Expanded)
- XIV. **Vortex Shedding From Circular and Rectangular Cylinders Placed Horizontally in a Turbulent Flow**
SARIOĞLU M., YAVUZ T.
Turkish Journal of Engineering and Environmental Sciences, vol.2, pp.217-228, 2000 (SCI-Expanded)

Articles Published in Other Journals

- I. **Effect of attack angle on the flow around adjacent circular and rectangular prisms**
SEYHAN M., SARIOĞLU M., AKANSU Y. E.
Niğde Ömer Halisdemir Üniversitesi Mühendislik Bilimleri Dergisi, vol.10, no.2, pp.833-839, 2021 (Peer-Reviewed Journal)
- II. **Control of flow around Side by Side Square Prisms Using Control Rods**
Seyhan M., Sarioglu M.
Afyon Kocatepe University Journal of Science and Engineering, vol.20, no.3, pp.543-550, 2020 (Peer-Reviewed Journal)
- III. **Effect of Attack Angle on Flow around A Square Prism with A Splitter Plate**
Seyhan M., Sarioglu M., Akansu Y. A.
Uludağ Üniversitesi Mühendislik Fakültesi Dergisi, vol.23, pp.233-240, 2018 (Peer-Reviewed Journal)
- IV. **AERODYNAMIC CHARACTERISTICS OF THE FLOW AROUND AN AIRFOIL AND A CIRCULAR CYLINDER**
SARIOĞLU M.
Ömer Halisdemir University Journal of Engineering Sciences, vol.6, no.1, pp.191-202, 2017 (Peer-Reviewed Journal)
- V. **Aerodynamic Drag Force Estimation of a Truck Trailer Model Using Artificial Neural Network**
Sarioglu M., Seyhan M., Akansu Y. E.
International Journal of Automotive Engineering and Technologies, vol.5, no.4, pp.168-175, 2016 (Peer-Reviewed Journal)
- VI. **Aerodynamic forces acting on a circular cylinder with splitter plate at incidence**
SARIOĞLU M., SEYHAN M., AKANSU Y. E.
KSU Journal of Engineering Sciences, vol.19, no.3, pp.1-6, 2016 (Peer-Reviewed Journal)
- VII. **Vortex Shedding on Combined Bodies at Incidence to a Uniform Air Stream**
YAVUZ T., AKANSU Y. E., SARIOĞLU M., ÖZMERT M.
INTERNATIONAL JOURNAL OF MECHANICAL SCIENCES, Aerospace, Industrial, Mechatronic and Manufacturing Engineering, vol.3, pp.673-677, 2009 (Peer-Reviewed Journal)
- VIII. **Silindirik Boru İçerisine Yerleştirilen Konik Silindirik Boru İçerisine Yerleştirilen Konik**

Türbülatorlerin Akım Ortamına Etkilerinin Deneysel Olarak İncelenmesi

SARIOĞLU M., Durmuş A., AYHAN T.

Isı Bilimi ve Tekniği Dergisi, vol.15, no.3, pp.15-19, 1992 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **The Effect of Backward Counter-Rotating Triangular Type Vortex Generators on NACA 4415 Airfoil**
Algan M., Seyhan M., Sarioğlu M.
2nd International Conference on Engineering and Applied Natural Sciences, Konya, Turkey, 15 - 18 October 2022, pp.1-5
- II. **THE EFFECTS OF A SYNTHETIC JET WITH VARIOUS JET TO PLATE DISTANCES ON IMPINGING JET HEAT TRANSFER**
Akbiyık H., Seyhan M., Kocabiyık O., Sarioğlu M., Akansu Y. E.
2nd International Conference on Engineering and Applied Natural Sciences, Kayseri, Turkey, 1 - 03 September 2022, pp.1-5
- III. **AN EXPERIMENTAL STUDY ON FLOW AROUND NACA 0020 AIRFOIL WITH DIFFERENT SWEEP BACK ANGLE**
Seyhan M., Sarioğlu M., Akansu Y. E.
17th international conference of young scientists on energy and natural sciences issues, Kaunas, Lithuania, 24 - 28 May 2021, pp.1-6
- IV. **INVESTIGATION OF LEADING-EDGE TUBERCLE FOR TAPERED SWEEP-BACK AIRFOIL AT LOW REYNOLDS NUMBER**
Seyhan M., Çolak A., Sarioğlu M.
17th international conference of young scientists on energy and natural sciences issues, Kaunas, Lithuania, 24 - 28 May 2021, pp.1-6
- V. **AERODYNAMIC PERFORMANCE OF LEADING-EDGE TUBERCLE OF TAPERED SWEEP-BACK NACA 0020 AIRFOIL**
Seyhan M., Sarioğlu M., Çolak A.
17th international conference of young scientists on energy and natural sciences issues, Kaunas, Lithuania, 24 - 28 May 2021, pp.1-8
- VI. **AERODYNAMIC CHARACTERISTICS OF NACA 0015 AIRFOIL HAVING DIFFERENT ASPECT RATIO WITH END PLATES**
Seyhan M., Sarioğlu M.
17th international conference of young scientists on energy and natural sciences issues , Kaunas, Lithuania, 24 - 28 May 2021, pp.1-7
- VII. **Investigation Of Flow Field Characteristics Of Synthetic Jet Driven By Half Sinusoidal Signal**
Bayat M. Y., Sarioğlu M., Akansu Y. E.
5th International Anatolian Energy Symposium AES2021 , Trabzon, Turkey, 24 - 25 March 2021, pp.115-121
- VIII. **THE EFFECTS OF LEADING EDGE TUBERCLES ON FLOW AROUND A SEMI SPAN NACA 0020 AIRFOIL**
Çolak A., Seyhan M., Sarioğlu M.
International Conference on Engineering Technologies, Konya, Turkey, 19 - 21 November 2020, pp.132
- IX. **INVESTIGATION OF EFFECTS OF WAVY LEADING EDGE ON FLOW AROUND A NACA 0020 AIRFOIL**
Seyhan M., Sarioğlu M., Akansu Y. E.
International Conference on Engineering Technologies, Konya, Turkey, 19 - 21 November 2020, pp.99
- X. **Effect of Leading-Edge Tubercles on Flow around NACA 0015 Airfoil at $Re = 1 \times 10^5$**
Seyhan M., Sarioğlu M., Akansu Y. E.
5th International Mediterranean Science and Engineering Congress, Antalya, Turkey, 21 - 23 October 2020, pp.237-239
- XI. **The Investigation of Leading-Edge Tubercles on Flow Around A Semi-Span NACA 634-021 Airfoil**
Seyhan M., Çolak A., Sarioğlu M., Akansu Y. E.

5th International Mediterranean Science and Engineering Congress, Antalya, Turkey, 21 - 23 October 2020, pp.335-338

- XII. **DESIGN AND EXPERIMENTAL INVESTIGATION OF BIO-INSPIRED SPOILER FOR TRUCK-TRAILER**
KESAT T. M., SARIOĞLU M., SEYHAN M.
The Internatinonal Conference on Materials Science, Mechanical and Automotive Engineerings and Technology in Cappadocia/TURKEY (IMSMATEC'19), Nevşehir, Turkey, 21 - 23 June 2019, pp.531-534
- XIII. **Heat Transfer Characteristic of a Synthetic Jet Actuator with Varied Driven Signal Type**
KOCABIYIK O., AKBIYIK H., SEYHAN M., AKANSU Y. E., SARIOĞLU M.
1st International Conference on Advances in Mechanical and Mechatronics Engineering, Ankara, Turkey, 8 - 09 November 2018
- XIV. **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, Turkey, 8 - 09 November 2018, vol.1, no.1, pp.499-503
- XV. **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, Turkey, 8 - 09 November 2018, pp.413-416
- XVI. **HEAT TRANSFER CHARACTEHERISTICS 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, Turkey, 8 - 09 November 2018, pp.476-479
- XVII. **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, Turkey, 7 - 08 May 2018, pp.714-719
- XVIII. **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, Hungary, 12 - 14 April 2018
- XIX. **FLOW AROUND A SQUARE CYLINDER WITH WAVY SPLITTER PLATE PLACED UPSTREAM**
SEYHAN M., SARIOĞLU M., AKANSU Y. E.
9th ANKARA INTERNATIONAL AEROSPACE CONFERENCE, Ankara, Turkey, 20 - 22 September 2017, pp.1-8
- XX. **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, Slovenia, 27 June - 30 July 2017, vol.1, no.1, pp.345-354
- XXI. **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, Slovenia, 27 - 30 June 2017, pp.345-354
- XXII. **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, Turkey, 24 - 26 May 2017, pp.1
- XXIII. **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, Turkey, 24 -

26 May 2017, pp.1

- XXIV. **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, Turkey, 1 - 04 May 2016, pp.589-592
- XXV. **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, Turkey, 1 - 04 May 2016, pp.1-4
- XXVI. **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 November 2015
- XXVII. **Effect of a Wavy Shaped Splitter Plate on Flow around a Circular Cylinder**
SARIOĞLU M.
FLUCOME2015, The 13th International Symposium on Fluid Control, Measurement and Visualization, Doha, Qatar, 15 - 18 November 2015, pp.168-175
- XXVIII. **Flow Around A Square Prism and a Circular Cylinder In Tandem Arrangement**
AKANSU Y. E., YAVUZ T., SARIOĞLU M.
Experimental Fluid Mechanics 2010 Proceeding of the Internatioanl Conference, Liberec, Czech Republic, 24 - 26 November 2010, pp.30-40
- XXIX. **FLOW AROUND A SQUARE PRISM AND A CIRCULAR CYLINDER IN TANDEM ARRANGEMENT**
Akansu Y. E., YAVUZ T., SARIOĞLU M.
International Conference on Experimental Fluid Mechanics, Liberec, Czech Republic, 24 - 26 November 2010, pp.30-40
- XXX. **Vortex Shedding on Combined Bodies at Incidence to a Uniform Air Stream**
YAVUZ T., AKANSU Y. E., SARIOĞLU M., ÖZMERT M.
World Academy of Science, Engineering and Technology, Tokyo, Japan, 15 - 17 May 2009, pp.1095-1099
- XXXI. **Dairesel-Konik Silindirler Düzenegi Etrafinda Vortex Dinamiği**
SARIOĞLU M.
ULIBTK07 16. Ulusal Isı Bilimi ve Tekniği Kongresi, Kayseri, Turkey, 30 May - 02 June 2007, pp.873-879
- XXXII. **Bir Kanat Profili ile Onun iz Bölgesinde Bulunan Dairesel Kesitli bir Küt Cismin Aerodinamik Karakteristiklerinin İncelenmesi**
SARIOĞLU M.
UHUK 2006, I. Ulusal Havacılık ve Uzay Konferansı, Ankara, Turkey, 21 - 23 September 2006, pp.1-8
- XXXIII. **Bir Uçak Kanadı Profili ile Onun İz Bölgesinde Bulunan Kare Kesitli bir Küt Cismin Aerodinamik Karakteristiklerinin Belirlenmesi**
AKANSU Y. E., SARIOĞLU M., YAVUZ T.
HaSeM'06 Kayseri VI. Havacılık Sempozyumu, Nevşehir, Turkey, 12 - 14 May 2006, pp.340-344
- XXXIV. **Farklı Kesit Alanlarına Sahip Çubukların Kare Kesitli bir Prizma Etrafindaki Akışa Etkilerinin Deneysel İncelenmesi**
SARIOĞLU M., AKANSU Y. E., YAVUZ T.
HaSeM'06 Kayseri VI. Havacılık Sempozyumu, Nevşehir, Turkey, 12 - 14 May 2006, pp.644-648
- XXXV. **FARKLI KESİT ALANLARINA SAHİP ÇUBUKLARIN KARE KESİTLİ BİR PRİZMA ETRAFINDAKİ AKIŞA ETKİLERİNİN DENEYSEL İNCELENMESİ**
SARIOĞLU M., AKANSU Y. E., YAVUZ T.
Kayseri VI. Havacılık Sempozyumu, Nevşehir, Turkey, 12 - 14 May 2006, pp.344-648
- XXXVI. **Heat Transfer Characteristics of a Slot Jet Impinging on a Flat Plate at Angle of Incidence**
AKANSU Y. E., SARIOĞLU M., YAVUZ T.
ICERD-3, Third International Conference on Energy Research and Development, State Of Kuwait, Kuwait, 21 - 23 November 2005, pp.636-647
- XXXVII. **Yüzeye Yerleştirilen bir Engelin Dairesel Silindir Üzerindeki Basınç Dağılımına ve Girdap Kopması**

Olayına Etkisi

SARIOĞLU M., AKANSU Y. E., YAVUZ T.

ULIBTK05 15. Ulusal Isı Bilimi ve Tekniği Kongresi, Trabzon, Turkey, 8 - 09 September 2005, pp.741-746

- XXXVIII. **Akışa Dik Doğrultuda Yan-Yana Konumlandırılan Kare ve Dairesel Kesitli Küt Cisimler Etrafındaki Akış Karakteristiklerinin Deneysel İncelenmesi**

AKANSU Y. E., SARIOĞLU M., YAVUZ T.

ULIBTK05 15. Ulusal Isı Bilimi ve Tekniği Kongresi, Trabzon, Turkey, 7 - 09 September 2005, pp.747-753

- XXXIX. **Aerodynamic Characteristics of Flow Around a Circular Cylinder and a Square Prism in a Tandem Arrangement**

AKANSU Y. E., SARIOĞLU M., YAVUZ T.

AIAC-2005-Ankara International Aerospace Conference, Ankara, Turkey, 22 - 25 August 2005, pp.1-7

- XL. **Flow around a Rotatable Square Cylinder-Plate Body At A Subcritical Reynolds Number**

AKANSU Y. E., SARIOĞLU M., YAVUZ T.

CMES-04, Proceedings of the First Cappadocia International Mechanical Engineering Symposium, Niğde, Turkey, 14 - 16 July 2004, pp.449-454

- XLI. **Farklı Geometrilili Temas Halindeki Cisimler Etrafındaki Akışta Hücum Açısına Bağlı Olarak Girdap Kopma Olayının İncelenmesi**

SARIOĞLU M., AKANSU Y. E., YAVUZ T.

Kayseri V. Havacılık Sempozyumu, Kayseri, Turkey, 13 - 14 May 2004, pp.131-135

- XLII. **Akış Ortamındaki Kare Kesitli Bir Küt Cismin Bir Yüzeyinden Açılan Kanaldan Yapılan Üfleminin Cisim Yüzeylerindeki Basınç Dağılımlarına Etkisi**

AKANSU Y. E., SARIOĞLU M., YAVUZ T.

Kayseri V. Havacılık Sempozyumu, Kayseri, Turkey, 13 - 14 May 2004, pp.119-123

- XLIII. **Dairesel Kesitli Bir Silindirin Kare Prizmadaki Akış Karakteristiklerine Etkileri**

AKANSU Y. E., SARIOĞLU M., YAVUZ T.

ULIBTK03 14. Ulusal Isı Bilimi ve Tekniği Kongresi, Isparta, Turkey, 3 - 05 September 2003, pp.273-278

- XLIV. **Düzlem Plaka-Dairesel Silindir Sistemi Etrafındaki Akışın Deneysel İncelenmesi**

SARIOĞLU M., AKANSU Y. E., YAVUZ T.

ULIBTK03 14. Ulusal Isı Bilimi ve Tekniği Kongresi, Isparta, Turkey, 3 - 05 September 2003, pp.279-284

- XLV. **Kare Kesitli Bir Küt Cisim Etrafındaki Akışta Hücum Açısının Basınç Dağılımı ve Girdap Kopması Olayına Etkisinin Deneysel İncelenmesi**

AKANSU Y. E., SARIOĞLU M., YAVUZ T.

Kayseri 4. Havacılık Sempozyumu, Kayseri, Turkey, 13 - 15 May 2002, pp.178-182

- XLVI. **Kare Kesitli Silindir Önüne Yerleştirilen Bir Plakanın Basınç Dağılımı ve Girdap Kopma Olayına Etkisinin Deneysel İncelenmesi**

SARIOĞLU M., AKANSU Y. E., YAVUZ T.

Kayseri 4. Havacılık Sempozyumu, Kayseri, Turkey, 13 - 15 May 2002, pp.127-131

- XLVII. **Hücum Açısının 45° Olduğu Bir Kare Prizmanın Arkasına Yerleştirilen Ayırıcı Plakanın Vorteks Kopma Olayına Etkisinin Deneysel İncelenmesi**

AKANSU Y. E., SARIOĞLU M., YAVUZ T.

ULIBTK01. 13. Ulusal Isı Bilimi ve Tekniği Kongresi, Konya, Turkey, 5 - 07 September 2001, pp.117-121

- XLVIII. **Dairesel Kesitli Silindirler Etrafındaki Akışta Blokaj Oranının Vorteks Kopma Olayına Etkilerinin Deneysel İncelenmesi**

SARIOĞLU M., AKANSU Y. E., YAVUZ T.

ULIBTK01. 13. Ulusal Isı Bilimi ve Tekniği Kongresi, Konya, Turkey, 5 - 07 September 2001, pp.122-126

- XLIX. **Kare Kesitli Ardışık Silindirler Etrafında Girdap Kopma Olayının Deneysel İncelenmesi**

SARIOĞLU M., AKANSU Y. E., YAVUZ T.

Kayseri III. Havacılık Sempozyumu, Kayseri, Turkey, 10 - 12 May 2000, pp.353-358

- L. **Dikdörtgen Kesitli Silindirik Cisimler Etrafında Basınç Dağılımı ve Vorteks-Shedding Olayının Deneysel İncelenmesi**

SARIOĞLU M., YAVUZ T.

Kayseri III. Havacılık Sempozyumu, Kayseri, Turkey, 10 - 12 May 2000, pp.344-352

- LI. **Dairesel Kesitli Ardışık Silindirler Etrafında Girdap Kopma Olayının Deneysel İncelenmesi**
SARIOĞLU M., YAVUZ T.
ULIBTK99 12. Ulusal Isı Bilimi ve Tekniği Kongresi, Sakarya, Turkey, 28 - 29 February 2000, pp.71-76
- LII. **An experimental study oh the flow past circular and rectangular cylinders at subcritical Reynolds numbers**
Sarioglu M., Yavuz T.
2nd Trabzon International Energy and Environment Symposium, Trabzon, Turkey, 26 - 29 July 1998, pp.411-415
- LIII. **An Experimental Study on the Flow Past Circular and Rectangular Cylinders at Subcritical Reynolds Numbers**
SARIOĞLU M., YAVUZ T.
The Second Trabzon International Energy and Environment Symposium, Trabzon, Turkey, 26 - 29 July 1998, pp.411-415
- LIV. **Dairesel Kesitli Silindirik Bir Cisim Etrafında Basınç Dağılımı ve Vorteks-Shedding Olayının Deneysel İncelenmesi**
SARIOĞLU M., YAVUZ T.
ULIBTK97 11. Ulusal Isı Bilimi ve Tekniği Kongresi, Edirne, Turkey, 17 - 19 September 1997, pp.775-784
- LV. **Silindirik Boru İçerisine Yerleştirilen Silindirik Yüzeyle Türbülatorlerin Akış Ortamına Etkilerinin Deneysel Olarak İncelenmesi**
SARIOĞLU M., AYHAN T.
Isı Bilimi ve Tekniği 8. Ulusal Kongresi, Eskişehir, Turkey, 10 - 12 September 1991, pp.194-204

Supported Projects

SARIOĞLU M., ÇOLAK A., SEYHAN M., DEMİRCİ V., Project Supported by Higher Education Institutions, Doğadan Esinlenen hücum kenarı dalgalı kanat profiline sahip yatay eksenli rüzgar türbininin tasarımı imalatı ve performansının deneysel olarak incelenmesi, 2022 - 2024

Sarioğlu M., Kahveci H., Es H. A., Fırat E., Akansu Y. E., Seyhan M., TUBITAK Project, Doğadan Esinlenilmiş Hücum Kenarı Dalgalı Kanata Sahip Dikey Eksenli Rüzgâr Türbininin Deneysel Ve Sayısal İncelenmesi, 2022 - 2024

Sarioglu M., Akansu Y. E., TUBITAK Project, Hücum ve Fırar Kenarı Dalgalı Geometriye Sahip Uçak Kanadı Performansına Artan Azalan Genlik Modülasyonunun Etkisinin İncelenmesi, 2018 - 2021

Sarioğlu M., Akansu Y. E., TUBITAK Project, Farklı Genlik Ve Frekansa Sahip Ardışık Olarak Üretilen Sentetik Jetlerin Etkilesiminin İncelenmesi, 2016 - 2018

SARIOĞLU M., Project Supported by Higher Education Institutions, Taşıtlara etki eden sürüklenme kuvvetinin akış kontrol yöntemleriyle azaltılması, 2008 - 2018

Metrics

Publication: 78
Citation (WoS): 170
Citation (Scopus): 200
H-Index (WoS): 6
H-Index (Scopus): 7

Non Academic Experience

TÜRKİYE ELEKTRİK KURUMU