

# Prof. ÇETİN CANPOLAT

## Personal Information

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## International Researcher IDs

ORCID: 0000-0001-9700-6828

Publons / Web Of Science ResearcherID: E-6000-2018

ScopusID: 35322031500

Yoksis Researcher ID: 102043

## Education Information

Post Doctorate, Georgia Institute of Technology, Faculty Of Engineering, Wallace H. Coulter Biomedical Engineering Department, United States Of America 2017 - 2018

Doctorate, Cukurova University, Fen Bilimleri Enstitüsü, Makina Mühendisliği Anabilimdalı, Turkey 2008 - 2013

Postgraduate, Cukurova University, Fen Bilimleri Enstitüsü, Makina Mühendisliği Anabilimdalı, Turkey 2006 - 2008

Undergraduate, Cukurova University, Mühendislik Mimarlık Fakültesi, Makina Mühendisliği Bölümü, Turkey 2002 - 2006

## Foreign Languages

English, C1 Advanced

## Dissertations

Doctorate, Micro-PIV Measurements of Induced-Charge Electro-Osmotic Flows, Cukurova University, Ç.Ü. Fen Bilimleri Enstitüsü, Makina Mühendisliği Anabilimdalı, 2013

Postgraduate, Vortex Formation over a Nonslender Delta Wing, Cukurova University, Ç.Ü. Fen Bilimleri Enstitüsü, Makina Mühendisliği Anabilimdalı, 2008

## Research Areas

Biomedical Engineering, Biomechanics, Mechanical Engineering, Energy, Fluid Mechanics, Biomechanics, Aeronautical and Space Engineering, Aerodynamics, Engineering and Technology

## Academic Titles / Tasks

Professor, Cukurova University, Mühendislik Fakültesi, Biyomedikal Mühendisliği, 2024 - Continues

Associate Professor, Cukurova University, Mühendislik Fakültesi, Biyomedikal Mühendisliği, 2019 - 2024

Assistant Professor, Cukurova University, Mühendislik Fakültesi, Biyomedikal Mühendisliği, 2018 - 2019

Assistant Professor, Georgia Institute of Technology, Faculty Of Engineering, Biomedical Engineering, 2017 - 2018

Assistant Professor, Cukurova University, Mühendislik Fakültesi, Biyomedikal Mühendisliği, 2013 - 2018  
Research Assistant, Old Dominion University, Mechanical And Aerospace Engineering, Aerospace Engineering, 2011 - 2013  
Research Assistant, Cukurova University, Mühendislik Fakültesi, Makina Müh., 2008 - 2013

## Advising Theses

Canpolat Ç., Filtrasyon performansı artırılmış bir hemodiyalizör tasarımı ve analizi, Postgraduate, İ.BARGU(Student), 2023  
Canpolat Ç., Glukoz konsantrasyonu ölçümü için bir elektrokimyasal biyosensör tasarımı ve modellenmesi, Postgraduate, Y.TOGAY(Student), 2022  
Canpolat Ç., INVESTIGATION OF THE PERFORMANCE OF A PULSATILE FLOW MICROMIXER COUPLED WITH ICEO, Postgraduate, M.Melih(Student), 2018

## Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Flow data forecasting for the junction flow using artificial neural network**  
Sahin B., CANPOLAT Ç., BİLGİLİ M.  
Flow Measurement and Instrumentation, vol.100, 2024 (SCI-Expanded)
- II. **Estimation of Flow Features in the Wake of a Circular Cylinder Using Artificial Neural Network**  
Sahin B., CANPOLAT Ç., BİLGİLİ M.  
Arabian Journal for Science and Engineering, 2024 (SCI-Expanded)
- III. **Flow Control Around a Cylinder With a Perforated Cylinder**  
Canpolat Ç., Hamzah H., Sahin B.  
JOURNAL OF FLUIDS ENGINEERING, TRANSACTIONS OF THE ASME, vol.145, no.7, pp.1-10, 2023 (SCI-Expanded)
- IV. **Size-Dependent Protein Adsorption on a Nanoparticle**  
Canpolat Ç., Tatlısoz M. M.  
IEEE TRANSACTIONS ON NANOBIOSCIENCE, vol.22, no.3, pp.597-602, 2023 (SCI-Expanded)
- V. **Protein adsorption on a nanoparticle with a nanostructured surface**  
CANPOLAT Ç., TATLISÖZ M. M.  
ELECTROPHORESIS, vol.43, pp.2324-2333, 2022 (SCI-Expanded)
- VI. **Control of the flow past a sphere in a turbulent boundary layer using O-ring**  
Okbaz A., Ozgoren M., CANPOLAT Ç., ŞAHİN B., Akilli H.  
WIND AND STRUCTURES, vol.35, no.1, pp.1-20, 2022 (SCI-Expanded)
- VII. **Hydrothermal index and entropy generation of a heated cylinder placed between two oppositely rotating cylinders in a vented cavity**  
Hamzah H., Canpolat Ç., Jasim L. M., Sahin B.  
International Journal Of Mechanical Sciences, vol.201, pp.106465, 2021 (SCI-Expanded)
- VIII. **Controlled protein adsorption on a silica microparticle**  
CANPOLAT Ç., TATLISÖZ M. M.  
ELECTROPHORESIS, vol.42, no.7-8, pp.1021-1031, 2021 (SCI-Expanded)
- IX. **Mixed convection flow of hybrid nanofluid through a vented enclosure with an inner rotating cylinder**  
Jasim L. M., Hamzah H., CANPOLAT Ç., ŞAHİN B.  
INTERNATIONAL COMMUNICATIONS IN HEAT AND MASS TRANSFER, vol.121, 2021 (SCI-Expanded)
- X. **Control of the flow past a sphere near a flat wall using passive jet**  
Okbaz A., Ozgoren M., Dogan S., CANPOLAT Ç., AKILLI H., ŞAHİN B.  
OCEAN ENGINEERING, vol.187, 2019 (SCI-Expanded)
- XI. **Pulsatile flow micromixing coupled with ICED for non-Newtonian fluids Mehmet Melih Tathsoz, cetin**

## **Canpolat**

TATLISÖZ M. M., CANPOLAT Ç.

CHEMICAL ENGINEERING AND PROCESSING-PROCESS INTENSIFICATION, vol.131, pp.12-19, 2018 (SCI-Expanded)

- XII. **Induced-charge electro-osmotic flow around cylinders with various orientations**  
CANPOLAT Ç.  
PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART C-JOURNAL OF MECHANICAL ENGINEERING SCIENCE, vol.231, no.21, pp.4057-4066, 2017 (SCI-Expanded)
- XIII. **Effects of Trailing-Edge Attachment on the Flow Structure over a Generic Delta Wing**  
CANPOLAT Ç., YAYLA S., ŞAHİN B., AKILLI H.  
JOURNAL OF AEROSPACE ENGINEERING, vol.30, no.5, 2017 (SCI-Expanded)
- XIV. **Influence of single rectangular groove on the flow past a circular cylinder**  
CANPOLAT Ç., ŞAHİN B.  
INTERNATIONAL JOURNAL OF HEAT AND FLUID FLOW, vol.64, pp.79-88, 2017 (SCI-Expanded)
- XV. **PIV measurements of flow through normal triangular cylinder arrays in the passage of a model plate-tube heat exchanger**  
Ozturk N. A., Ozalp C., CANPOLAT Ç., ŞAHİN B.  
INTERNATIONAL JOURNAL OF HEAT AND FLUID FLOW, vol.61, pp.531-544, 2016 (SCI-Expanded)
- XVI. **Characteristics of flow past a circular cylinder with a rectangular groove**  
Canpolat C.  
FLOW MEASUREMENT AND INSTRUMENTATION, vol.45, pp.233-246, 2015 (SCI-Expanded)
- XVII. **Induced-charge electro-osmosis of polymer-containing fluid around a metallic rod**  
Canpolat C., Qian S., Beskok A.  
MICROFLUIDICS AND NANOFUIDICS, vol.16, pp.247-255, 2014 (SCI-Expanded)
- XVIII. **The effect of angle of attack on the flow structure over the nonslender lambda wing**  
YAYLA S., CANPOLAT Ç., ŞAHİN B., AKILLI H.  
AEROSPACE SCIENCE AND TECHNOLOGY, vol.28, no.1, pp.417-430, 2013 (SCI-Expanded)
- XIX. **Induced-Charge Electroosmosis Around Touching Metal Rods**  
Canpolat C., Zhang M., Rosen W., Qian S., Beskok A.  
JOURNAL OF FLUIDS ENGINEERING-TRANSACTIONS OF THE ASME, vol.135, no.2, 2013 (SCI-Expanded)
- XX. **Micro-PIV measurements of induced-charge electro-osmosis around a metal rod**  
Canpolat C., Qian S., Beskok A.  
MICROFLUIDICS AND NANOFUIDICS, vol.14, pp.153-162, 2013 (SCI-Expanded)
- XXI. **Flow structure over the yawed nonslender diamond wing**  
ŞAHİN B., YAYLA S., CANPOLAT Ç., AKILLI H.  
AEROSPACE SCIENCE AND TECHNOLOGY, vol.23, no.1, pp.108-119, 2012 (SCI-Expanded)
- XXII. **Observation of the Vortical Flow over a Yawed Delta Wing**  
CANPOLAT Ç., YAYLA S., ŞAHİN B., AKILLI H.  
JOURNAL OF AEROSPACE ENGINEERING, vol.25, no.4, pp.613-626, 2012 (SCI-Expanded)
- XXIII. **Yaw Angle Effect on Flow Structure over the Nonslender Diamond Wing**  
YAYLA S., CANPOLAT Ç., ŞAHİN B., AKILLI H.  
AIAA JOURNAL, vol.48, no.10, pp.2457-2461, 2010 (SCI-Expanded)
- XXIV. **EFFECT OF YAW ANGLE ON THE FORMATION OF VORTEX BREAKDOWN OVER THE DIAMOND WING**  
YAYLA S., CANPOLAT Ç., ŞAHİN B., AKILLI H.  
ISI BILIMI VE TEKNIGI DERGISI-JOURNAL OF THERMAL SCIENCE AND TECHNOLOGY, vol.30, no.1, pp.79-89, 2010 (SCI-Expanded)
- XXV. **Dye Visualization of the Flow Structure over a Yawed Nonslender Delta Wing**  
CANPOLAT Ç., YAYLA S., ŞAHİN B., AKILLI H.  
JOURNAL OF AIRCRAFT, vol.46, no.5, pp.1818-1822, 2009 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Cyclic Voltammetry Based Microfluidic System Design and Analysis**  
CANPOLAT Ç., Togay Y.  
Çukurova Üniversitesi Mühendislik Fakültesi dergisi, vol.38, no.1, pp.185-194, 2023 (Peer-Reviewed Journal)
- II. **Albumin Adsorption on a Stationary Microparticle**  
TATLISÖZ M. M., CANPOLAT Ç.  
International Journal of Advances in Biomedical Engineering, vol.1, no.1, pp.9-27, 2022 (Peer-Reviewed Journal)
- III. **Numerical Analysis of Ampicillin Release from Electrospun Nanofibrous Mats**  
tatlısöz m. m., CANPOLAT Ç.  
Çukurova Üniversitesi Mühendislik Fakültesi dergisi, vol.36, no.1, pp.163-174, 2021 (Peer-Reviewed Journal)
- IV. **Aerodynamics and Flow Characteristics of X-45 Delta Wing Planform**  
YANIKTEPE B., ÖZALP C., CANPOLAT Ç.  
KSU Journal of Engineering Sciences, vol.19, pp.1-10, 2016 (Peer-Reviewed Journal)
- V. **Effects of a Square Groove at the Stagnation Point of a Circular Cylinder on its Near Wake**  
CANPOLAT Ç.  
Çukurova Üniversitesi Mühendislik-Mimarlık Fakültesi Dergisi, vol.31, no.1, pp.451-458, 2016 (Peer-Reviewed Journal)
- VI. **ANN approaches for the prediction of bridge backwater using both field and experimental data**  
PINAR E., SEÇKİN G., ŞAHİN B., AKILLI H., Cobaner M., CANPOLAT Ç., ATABAY S., Kocaman S.  
International Journal of River Basin Management, vol.9, no.1, pp.53-62, 2011 (Scopus)

## Books & Book Chapters

- I. **Biyomekanik**  
AKDOĞAN G., ÜN M. K., CANPOLAT Ç.  
in: Biyomedikal Mühendisliğin Temelleri, Asyalı Musa Hakan, Kara Sadık, Yılmaz Bülent, Editor, Nobel Yayınevi, Ankara, pp.97-149, 2016

## Refereed Congress / Symposium Publications in Proceedings

- I. **Protein Adsorption on Spherical Nanoparticles with Different Surface Roughness Shapes**  
TATLISÖZ M. M., CANPOLAT Ç.  
4th EURASIA BIOCHEMICAL APPROACHES & TECHNOLOGIES (EBAT) CONGRESS, Antalya, Turkey, 03 November 2022
- II. **INFLUENCE OF CHANNEL GEOMETRY ON PULSATILE FLOW MICROMIXING COUPLED WITH ICEO**  
CANPOLAT Ç., tatlısöz m. m.  
ULIBTK'21 23. Ulusal Isı Bilimi ve Tekniği Kongresi, Gaziantep, Turkey, 08 September 2021
- III. **ELECTROKINETIC MICROMIXING UNDER PULSATILE FLOW CONDITIONS**  
CANPOLAT Ç., tatlısöz m. m.  
ULIBTK'21 23. Ulusal Isı Bilimi ve Tekniği Kongresi, Gaziantep, Turkey, 08 September 2021
- IV. **CONTROL OF THE FLOW AROUND THE CYLINDERS WITH A CONCENTRIC PERFORATED CIRCULAR CYLINDER**  
CANPOLAT Ç., ŞAHİN B.  
INTERNATIONAL CONFERENCE ON ENGINEERING, NATURAL AND APPLIED SCIENCE 2021, Osmaniye, Turkey, 24 November 2021
- V. **Shear-Dependent Adsorption of Protein Species on a Micro-particle**  
CANPOLAT Ç., tatlısöz m. m.  
6th International Mediterranean Science and Engineering Congress, Antalya, Turkey, 25 October 2021

- VI. **Numerical Investigation of Protein Adsorption on a Nanoparticle**  
CANPOLAT Ç., tatlisöz m. m.  
6th International Mediterranean Science and Engineering Congress, Antalya, Turkey, 25 October 2021
- VII. **Investigation of the transport effects over antigen-antibody binding kinetics within microfluidic immunoassay systems**  
Tatlisöz M. M., Canpolat Ç., Mutlu M.  
24th Biomedical Science and Technology Symposium, İzmir, Turkey, 17 - 20 October 2019
- VIII. **Transcatheter Heart Valve Type and Deployment Influences Neo-Sinus and Native Sinus Flow Stasis**  
Madukauwa-David I. D., Sadri V., Midha P., Raghav V., Kamioka N., Cohen S., Khosravi P., CANPOLAT Ç., Sharma R., Babaliaros V., et al.  
2018 BMES Annual Meeting, Atlanta, United States Of America, 17 October 2018
- IX. **Time-varying Geometry Determination of a TAVR Leaflet using Stereophotography**  
CANPOLAT Ç., Sadri V., Pierce E. L., Singh-Gryzbon S., Ncho B., Bhat S., Yoganathan A. P.  
2018 BMES Annual Meeting, Atlanta, United States Of America, 17 October 2018
- X. **Investigation of Fluid Mixing in Microcavities With Different Shapes**  
TATLISÖZ M. M., CANPOLAT Ç.  
International Mediterranean Science and Engineering Congress, Adana, Turkey, 25 - 27 October 2017, pp.1034
- XI. **Investigation of Flow downstream a Cylinder mounted on a Plate**  
CANPOLAT Ç., ŞAHİN B., ÖZTÜRK N. A.  
INTERNATIONAL CONGRESS on NATURAL and ENGINEERING SCIENCES, Belgrade, Serbia, 21 - 25 July 2017
- XII. **The Near Wake of a Circular Cylinder with Single Longitudinal Groove**  
Canpolat Ç., ŞAHİN B.  
1st Annual International Conference on Mechanical Engineering, 17-20 July 2017, Athens, Greece, Atina, Greece, 17 - 20 July 2017, pp.1-4
- XIII. **MODELING OF AN AC-ELECTRO-OSMOSIS BASED MICROFLUIDIC MIXER**  
Uslu H. D., CANPOLAT Ç., ÇETİN B.  
15th ASME International Conference on Nanochannels, Microchannels, and Minichannels, Cambridge, Canada, 27 - 30 August 2017
- XIV. **MECHANICAL TESTING STRATEGIES FOR DENTAL IMPLANTS**  
TATLISÖZ M. M., CANPOLAT Ç.  
International Conference on Medical and Biological Engineering in Bosnia and Herzegovina (CMBEBIH), Sarajevo, Bosnia And Herzegovina, 16 - 18 March 2017, vol.62, pp.185-192
- XV. **Experimental characterization of electrokinetic based mixing in a pressure driven flow**  
Uslu D., Yılmaz O., CANPOLAT Ç., ÇETİN B.  
ASME ICNMM, International Conference on Nanochannel, Microchannels and Minichannels, 10 - 14 July 2016
- XVI. **Experimental characterization of Induced Charge Electro Osmosis**  
CANPOLAT Ç., Beşkök A.  
ASME ICNMM, International Conference on Nanochannel, Microchannels and Minichannels, 10 - 14 July 2016
- XVII. **Recent advancements of human factors in surgery**  
CANPOLAT Ç.  
AHFE 2016, 7th International Conference on Applied Human Factors and Ergonomics, 27 - 31 July 2016
- XVIII. **Dye Visualization of a Yawed Slender Delta Wing**  
KARASU İ., ŞAHİN B., AKILLI H., CANPOLAT Ç.  
International Conference on Advances in Mechanical Engineering, İstanbul, Turkey, 13 May 2014 - 15 May 2015
- XIX. **Effects of perturbation on the flow over nonslender delta wings**  
CANPOLAT Ç., ŞAHİN B., YAYLA S., AKILLI H.  
45th AIAA Fluid Dynamics Conference, Dallas, United States Of America, 22 - 26 June 2015, pp.1-10
- XX. **Effects of perturbation on the flow over nonslender delta wings**  
CANPOLAT Ç., ŞAHİN B., YAYLA S., AKILLI H.  
45th AIAA Fluid Dynamics Conference, Dallas, United States Of America, 22 - 26 June 2015, pp.1-10
- XXI. **Effects of Perturbation on the Flow over Nonslender Delta Wings**

- CANPOLAT Ç., ŞAHİN B., YAYLA S., AKILLI H.  
45th AIAA Fluid Dynamics Conference, Dallas, United States Of America, 22 - 26 June 2015, pp.2307-2310
- XXII. **Kanatlara salınım verilerek elde edilen girdap oluşumunun delta kanat aerodinamiğine etkisi**  
YAYLA S., CANPOLAT Ç., ŞAHİN B., AKILLI H.  
19. Ulusal Isı Bilimi ve Tekniği Konferansı, Turkey, 9 - 12 September 2013
- XXIII. **Measurements of Induced-Charge Electroosmotic Flow Around a Metallic Rod**  
BEŞKÖK A., CANPOLAT Ç.  
65th Annual Meeting of the APS Division of Fluid Dynamics, San Diego, United States Of America, 18 - 20 November 2012, pp.1
- XXIV. **Micro-PIV Measurements of Induced-Charge Electroosmosis Around a Metal Rod**  
Qian S., CANPOLAT Ç., BEŞKÖK A.  
International Symposium on Fundamentals and Applications of Microfluidic and Nanofluidic Devices in the 22th Electrochemical Society Fall Meeting, Honolulu, United States Of America, 7 - 12 October 2012, pp.1
- XXV. **Velocity field measurements of electrokinetic flow past a conductive cylinder**  
CANPOLAT Ç., BEŞKÖK A.  
64th Annual Meeting of the APS Division of Fluid Dynamics, Baltimore, United States Of America, 20 - 22 November 2011, pp.1
- XXVI. **Sapma Açısının Delta Kanat Üzerindeki Girdap Yapısına Etkileri**  
CANPOLAT Ç., ŞAHİN B., YAYLA S., AKILLI H.  
III. Ulusal Havacılık ve Uzay Konferansı, Turkey, 16 - 18 September 2010
- XXVII. **Experimental Investigation of Flow Characteristics of Two Tandem Spheres placed in a uniform flow**  
OZGOREN M., ŞAHİN B., Kahraman A., AKILLI H., CANPOLAT Ç.  
Euromech Fluid Mechanics Conference, Reichenhall, Germany, 13 - 16 September 2010, pp.1-2
- XXVIII. **Experimental Investigation of Flow Characteristics of Two Tandem Spheres placed in a uniform flow**  
OZGOREN M., ŞAHİN B., Kahraman A., AKILLI H., CANPOLAT Ç.  
Euromech Fluid Mechanics Conference, Reichenhall, Germany, 13 - 16 September 2010, pp.1-2
- XXIX. **Investigation of The Flow Structure over a Nonslender Delta Wing Effect of Yaw Angle**  
CANPOLAT Ç., YAYLA S., ŞAHİN B., AKILLI H.  
7th International Conference on Heat Transfer, Fluid Mechanics and Thermodynamics, 19 - 21 July 2010
- XXX. **Investigation of the Flow Structure over a Nonslender Delta Wing: Effect of Yaw Angle**  
CANPOLAT Ç., YAYLA S., ŞAHİN B., AKILLI H.  
7th International Conference on Heat Transfer, Fluid Mechanics and Thermodynamics, Antalya, Turkey, 19 - 21 June 2010, pp.1-2
- XXXI. **Investigation of the Flow Structure over a Nonslender Delta Wing: Effect of Yaw Angle**  
CANPOLAT Ç., YAYLA S., ŞAHİN B., AKILLI H.  
7th International Conference on Heat Transfer, Fluid Mechanics and Thermodynamics, Antalya, Turkey, 19 - 21 June 2010, pp.1-2
- XXXII. **Experimental Flow Results in a Non-circular Duct with Heat Transfer Augmenting Obstacles**  
Akçayoglu A., ŞAHİN B., CANPOLAT Ç., AKILLI H.  
World Congress on Engineering (WCE 2010), London, Canada, 30 June - 02 July 2010, pp.1297-1300
- XXXIII. **Hücum Açısının Lambda Kanat Modeli Üzerinde Oluşan Akışa Etkisi**  
CANPOLAT Ç., YAYLA S., ŞAHİN B., AKILLI H.  
17. Ulusal Isı Bilimi ve Tekniği Kongresi, Turkey, 24 - 27 June 2009
- XXXIV. **Yan yana dizili iki küre etrafındaki akış yapısının değişik açıklık oranlarında deneysel incelenmesi**  
ÖZGÖREN M., ŞAHİN B., PINAR E., CANPOLAT Ç.  
17. Ulusal Isı Bilimi ve Tekniği Konferansı, Turkey, 24 - 27 June 2009
- XXXV. **Effect Of Yaw Angle on the Vortex Formation Over a Nonslender Delta Wing**  
CANPOLAT Ç., YAYLA S., ŞAHİN B., AKILLI H.  
5. Ankara International Aerospace Conference, Ankara, Turkey, 17 - 19 August 2009, pp.1-2
- XXXVI. **Effect Of Yaw Angle on the Vortex Formation Over a Nonslender Delta Wing**  
CANPOLAT Ç., YAYLA S., ŞAHİN B., AKILLI H.

5. Ankara International Aerospace Conference, Ankara, Turkey, 17 - 19 August 2009, pp.1-2
- XXXVII. **Sapma Açısına Bağlı Olarak Lambda Kanat Üzerindeki Akış Yapısının İncelenmesi**  
YAYLA S., CANPOLAT Ç., ŞAHİN B., AKILLI H.  
II. Ulusal Havacılık ve Uzay Konferansı, Turkey, 15 - 17 October 2008
- XXXVIII. **Sapma Açısı Değişiminin Düşük Süpürme Açılı Delta Kanat Üzerindeki Akış Yapısına Etkileri**  
CANPOLAT Ç., YAYLA S., ŞAHİN B., AKILLI H.  
II. Ulusal Havacılık ve Uzay Konferansı, Turkey, 15 September - 17 October 2008
- XXXIX. **Elmas Kanat Modelinde Oluşan Girdap Çökmesine Hücum Açısının Etkisi**  
YAYLA S., CANPOLAT Ç., ŞAHİN B., AKILLI H.  
Ç.Ü. Müh. Mim. Fak. 30. Yıl Sempozyumu, Turkey, 16 - 17 October 2008
- XL. **Düşük Süpürme Açısına Sahip Delta Kanat Üzerindeki Akış Yapısının İncelenmesi**  
CANPOLAT Ç., YAYLA S., ŞAHİN B., AKILLI H.  
VII. Havacılık Konferansı, Turkey, 15 - 16 May 2008
- XLI. **Simetrik Bir Yayıcı İçerisindeki Akış Yapısının Parçacık Görüntülemeli Hız Ölçme Yöntemiyle İncelenmesi**  
GÜRLEK C., ŞAHİN B., YAYLA S., CANPOLAT Ç.  
17. Ulusal Isı Bilimi ve Tekniği Kongresi, Turkey, 24 - 27 June 2009
- XLII. **Delta kanatta oluşan girdap çökmesine sapma açısının etkisi**  
YAYLA S., CANPOLAT Ç., ŞAHİN B., AKILLI H.  
16. Ulusal Isı Bilimi ve Tekniği Kongresi, Turkey, 30 June - 02 July 2007

## Supported Projects

- CANPOLAT Ç., TATLISÖZ M. M., Project Supported by Higher Education Institutions, Küresel bir parçacığın değişik kesitli mikro kanallar boyunca hareketi, 2017 - 2019
- CANPOLAT Ç., Project Supported by Higher Education Institutions, Bilimsel Yayın Teşvik Desteği, 2016 - 2019
- CANPOLAT Ç., ŞAHİN B., Project Supported by Higher Education Institutions, Investigation of Flow downstream a Cylinder mounted on a Plate, 2017 - 2017
- CANPOLAT Ç., ŞAHİN B., Project Supported by Higher Education Institutions, The Near Wake of a Circular Cylinder with Single Longitudinal Groove, 2017 - 2017
- CANPOLAT Ç., TATLISÖZ M. M., Project Supported by Higher Education Institutions, MECHANICAL TESTING STRATEGIES FOR DENTAL IMPLANTS, 2017 - 2017
- CANPOLAT Ç., BEŞKÖK A., SABUNCU A. C., Project Supported by Higher Education Institutions, Karbonize Mikro Silindirler Etrafında Oluşan İndüklenmiş Elektroosmozun İncelenmesi, 2016 - 2017
- CANPOLAT Ç., Project Supported by Higher Education Institutions, Experimental characterization of Induced Charge ElectroOsmosis, 2016 - 2016
- CANPOLAT Ç., Project Supported by Higher Education Institutions, Silindir Arkasında Daimi Olmayan Girdap Yapısının Silindir Yüzeyine Açılan Çentik ile Kontrolü, 2014 - 2016
- CANPOLAT Ç., AKILLI H., YAYLA S., ŞAHİN B., Project Supported by Higher Education Institutions, Effects of Perturbation on the Flow over Nonslender Delta Wings, 2015 - 2015
- CANPOLAT Ç., Project Supported by Higher Education Institutions, Uluslararası Yayınları Özendirme Desteği (5 Adet), 2014 - 2015

## Patent

- Canpolat Ç., BİYOPROSTETİK KALP KAPAKLARININ ZAMANA BAĞLI GERÇEK KAPAK GEOMETRİLERİNİ BELİRLEME YÖNTEMİ, Patent, CHAPTER A Human Needs, The Invention Registration Number: TR2022018923B , Standard Registration, 2024
- Canpolat Ç., Filtrasyon Performansı Arttırılmış Hemodiyalizör, Patent, CHAPTER A Human Needs, The Invention

Registration Number: TR2021019595A2 , Standard Registration, 2023

## **Metrics**

Publication: 76

Citation (WoS): 251

Citation (Scopus): 303

H-Index (WoS): 11

H-Index (Scopus): 12

## **Non Academic Experience**

Georgia Institute of Technology

Old Dominion University