Prof. MEHMET METİN YAVUZ

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Education Information

Doctorate, Lehigh University, Makina Muhendisligi, United States Of America 2004 - 2006
Postgraduate, Lehigh University, Makina Muhendisligi, United States Of America 2001 - 2004
Undergraduate, Middle East Technical University, Faculty of Engineering, Makine Mühendisliği Bölümü, Turkey 1996 - 2001

Research Areas

Mechanical Engineering, Energy, Fluid Mechanics, Engineering and Technology

Academic Titles / Tasks

Professor, Middle East Technical University, Faculty of Engineering, Department of Mechanical Engineering, 2019 - Continues
Associate Professor, Middle East Technical University, Faculty of Engineering, Department of Mechanical Engineering, 2014 - 2019
Assistant Professor, Middle East Technical University, Faculty of Engineering, Department of Mechanical Engineering, 2011 - 2014

Advising Theses

Yavuz M. M., Effect of ground on flow structure of non-slender delta and reverse delta wings, Doctorate, G.KOÇAK(Student), 2023
YAVUZ M. M., EXPERIMENTAL INVESTIGATION OF HEMODYNAMICS IN ABDOMINAL AORTIC ANEURYSM, Postgraduate, A.FATHIPOUR(Student), 2022
YAVUZ M. M., SERT C., Simulation of aneurysm hemodynamics to predict intraluminal thrombus formation region, Doctorate, B.RAMAZANLI(Student), 2022
YAVUZ M. M., Thermal comfort analysis of military aircraft cabin using computational fluid dynamics, Postgraduate, İ.KÖSE(Student), 2022
YAVUZ M. M., Characterization of vortex ring in abdominal aortic aneurysm phantom using particle image velocimetry,

Postgraduate, K.TUĞ(Student), 2021
YAVUZ M. M., Characterization of wall shear stress in abdominal aortic aneurysm phantom using particle image velocimetry, Postgraduate, S.TÜRK(Student), 2021
Yavuz M. M., Effect of bleed opening ratio on flow structure of a nonslender delta wing, Postgraduate, K.KESTEL(Student), 2019
Albayrak K., Yavuz M. M., Numerical investigation of thickness-to-chord ratio on aerodynamic characteristics and flow field of a low swept delta wing, Postgraduate, İ.SADİ(Student), 2019
Sert C., Yavuz M. M., Numerical investigation of flow control strategies on delta wings, Postgraduate, A.YILDIRIM(Student), 2019
Yozgatligil A., Yavuz M. M., Flow characterization study and fire experiments in a reduced scaled tunnel, Postgraduate, M.BASIL(Student), 2019
Yavuz M. M., ANALYSIS OF FLOW STRUCTURE IN A HELICOPTER CABIN TO IMPROVE THE THERMAL COMFORT USING COMPUTATIONAL FLUID DYNAMICS MODELING, Postgraduate, D.ŞAHİN(Student), 2018
YAVUZ M. M., Control of flow structure on VFE-2 delta wing with passive bleeding using CFD, Postgraduate, S.EMİN(Student), 2018
YAVUZ M. M., Effect of thickness-to-chord ratio on flow structure of a low swept delta wing, Postgraduate, M.Sharifi(Student), 2018
YAVUZ M. M., EFFECT OF THICKNESS-TO-CHORD RATIO ON AERODYNAMICS OF NONSLENDER DELTA WING, Postgraduate, M.SHARIFI(Student), 2018
YAVUZ M. M., Development and implementation of novel flow control techniques for nonslender delta wings, Doctorate, A.ÇELİK(Student), 2017
YAVUZ M. M., Effect of thickness-to-chord ratio on flow structure of a low swept delta wing, Postgraduate, B.GÜLSAÇAN(Student), 2017
YAVUZ M. M., Control of flow structure on 45 degree swept delta wing using passive bleeding, Postgraduate, B.KARAGÖZ(Student), 2017
YAVUZ M. M., Control of flow structure on 70° swept delta wing with along-the-core blowing using numerical modeling, Postgraduate, İ.CAN(Student), 2016
GÜVENÇ YAZICIOĞLU A., YAVUZ M. M., Effect of wing heating on flow structure of low swept delta wing, Postgraduate, G.ŞENCAN(Student), 2016
YAVUZ M. M., Flow characterization of full, partial, and inclined ground effect, Postgraduate, G.KOÇAK(Student), 2016
YAVUZ M. M., Control of flow structure on low swept delta wing using unsteady leading edge blowing, Postgraduate, C.ÇETİN(Student), 2016
YAVUZ M. M., Effect of blowing pattern through leading edge on flow structure of 45 degree swept delta wing, Postgraduate, G.GÜNACAR(Student), 2016
YAVUZ M. M., Control of flow structure on low swept delta wing with steady leading edge blowing, Postgraduate, M.ZHARFA(Student), 2015
YAVUZ M. M., Control of flow structure on low swept delta wing with staedy leading edge blowing, Postgraduate, M.Zharfa(Student), 2014
YAVUZ M. M., Experimental analysis of flow structure on moderate sweep delta wing, Postgraduate, İ.ÖZTÜRK(Student), 2014
YAVUZ M. M., Quantifying the effect of flow rate controllers on liquid steel flow in continuous casting mold using CFD modeling, Postgraduate, K.ALİ(Student), 2014
YAVUZ M. M., Analysis and control of complex flows in U-bends using computational fluid dynamics, Postgraduate, Y.GÜDEN(Student), 2014
YAVUZ M. M., AKSEL M. H., Design and analysis of a vertical axis water turbine for river applications using computational fluid dynamics, Postgraduate, E.DEMİRCAN(Student), 2014

Published journal articles indexed by SCI, SSCI, and AHCI

I. **Material modeling and recent findings in transcatheter aortic valve implantation simulations**

Mutlu O., Saribay M., YAVUZ M. M., Salman H. E., Al-Nabti A. D., Yalcin H. C.
Computer Methods and Programs in Biomedicine, vol.255, 2024 (SCI-Expanded)

II. **Method development for estimation of bleed momentum coefficient using surface pressure measurements and in situ hot wire calibration**
Çetin C., Yavuz M. M.
FLOW MEASUREMENT AND INSTRUMENTATION, vol.97, 2024 (SCI-Expanded)

III. **Aerodynamics of non-slender delta and reverse delta wings: Wing thickness, anhedral angle and cropping ratio**
KOÇAK G., YAVUZ M. M.
Chinese Journal of Aeronautics, vol.36, no.4, pp.79-91, 2023 (SCI-Expanded)

IV. **EFFECT OF INLET VELOCITY PROFILE AND ENTRANCE LENGTH ON ABDOMINAL AORTIC ANEURYSM HEMODYNAMICS SIMULATIONS GİRİŞ HIZ PROFİLİ VE GİRİŞ UZUNLUĞUNUN ABDOMİNAL AORT ANEVRİZMASI HEMODİNAMİĞİ SİMÜLASYONLARINA ETKİSİ**
Ramazanli B., SERT C., YAVUZ M. M.
Isi Bilimi Ve Teknigi Dergisi/ Journal of Thermal Science and Technology, vol.43, no.2, pp.159-174, 2023 (SCI-Expanded)

V. **Effect of ground on aerodynamics and longitudinal static stability of a non-slender delta wing**
Koçak G., YAVUZ M. M.
AEROSPACE SCIENCE AND TECHNOLOGY, vol.130, 2022 (SCI-Expanded)

VI. **Control of flow structure over a non-slender delta wing using passive bleeding**
KESTEL K., Ramazanl B., YAVUZ M. M.
AEROSPACE SCIENCE AND TECHNOLOGY, vol.106, 2020 (SCI-Expanded)

VII. **Biomechanical Investigation of Disturbed Hemodynamics-Induced Tissue Degeneration in Abdominal Aortic Aneurysms Using Computational and Experimental Techniques**
Salman H. E., Ramazanli B., Yavuz M. M., Yalcin H. C.
FRONTIERS IN BIOENGINEERING AND BIOTECHNOLOGY, vol.7, 2019 (SCI-Expanded)

VIII. **Effect of thickness-to-chord ratio on aerodynamics of non-slender delta wing**
Ghazijahani M. S., Yavuz M. M.
AEROSPACE SCIENCE AND TECHNOLOGY, vol.88, pp.298-307, 2019 (SCI-Expanded)

IX. **Effect of fan and shroud configurations on underhood flow characteristics of an agricultural tractor**
Ozturk I., Cetin C., Yavuz M. M.
ENGINEERING APPLICATIONS OF COMPUTATIONAL FLUID MECHANICS, vol.13, pp.506-518, 2019 (SCI-Expanded)

X. **Effect of Thickness-to-Chord Ratio on Flow Structure of a Low Swept Delta Wing**
Gulsacan B., Sencan G., Yavuz M. M.
AIAA JOURNAL, vol.56, pp.4657-4668, 2018 (SCI-Expanded)

XI. **Control of Flow Structure over a Nonslender Delta Wing Using Periodic Blowing**
Cetin C., Celik A., Yavuz M. M.
AIAA JOURNAL, vol.56, pp.90-99, 2018 (SCI-Expanded)

XII. **Effect of Passive Bleeding on Flow Structure over a Nonslender Delta Wing**
Celik A., Cetin C., Yavuz M. M.
AIAA JOURNAL, vol.55, pp.2555-2565, 2017 (SCI-Expanded)

XIII. **Effect of Edge Modifications on Flow Structure of Low Swept Delta Wing**
Celik A., Yavuz M. M.
AIAA JOURNAL, vol.54, pp.1789-1797, 2016 (SCI-Expanded)

XIV. **Flow Structure on Nonslender Delta Wing: Reynolds Number Dependence and Flow Control**
Zharfa M., Ozturk I., Yavuz M. M.
AIAA JOURNAL, vol.54, pp.880-897, 2016 (SCI-Expanded)

XV. **Effect of Flow Rate Controllers and their Opening Levels on Liquid Steel Flow in Continuous Casting Mold**
Gursoy K. A., Yavuz M. M.
ISIJ INTERNATIONAL, vol.56, pp.554-563, 2016 (SCI-Expanded)

XVI. **Transformation of flow structure on a delta wing of moderate sweep angle during pitch-up maneuver**
YAVUZ M. M.
JOURNAL OF FLUIDS AND STRUCTURES, vol.33, pp.59-69, 2012 (SCI-Expanded)

XVII. **Liquid steel flow in continuous casting machine: Modelling and measurement**
YAVUZ M. M.
Ironmaking and Steelmaking, vol.38, no.6, pp.453-463, 2011 (SCI-Expanded)

XVIII. **Liquid steel flow in continuous casting machine: modelling and measurement**
YAVUZ M. M.
IRONMAKING & STEELMAKING, vol.38, no.6, pp.453-463, 2011 (SCI-Expanded)

XIX. **The Effects of Electromagnetic Brake on Liquid Steel Flow in Thin Slab Caster**
YAVUZ M. M.
STEEL RESEARCH INTERNATIONAL, vol.82, no.7, pp.809-818, 2011 (SCI-Expanded)

XX. **Identification and control of three dimensional separation on low swept delta wing**
Yavuz M. M., Rockwell D.
AIAA JOURNAL, vol.44, no.11, pp.2805-2811, 2006 (SCI-Expanded)

XXI. **Control of flow structure on delta wing with steady trailing-edge blowing**
Yavuz M. M., Rockwell D.
AIAA JOURNAL, vol.44, no.3, pp.493-501, 2006 (SCI-Expanded)

XXII. **Near-surface topology of unmanned combat air vehicle planform: Reynolds number dependence**
Elkhoury M., Yavuz M. M., Rockwell D.
JOURNAL OF AIRCRAFT, vol.42, no.5, pp.1318-1330, 2005 (SCI-Expanded)

XXIII. **Near-surface topology and flow structure on a delta wing**
Yavuz M. M., Elkhoury M., Rockwell D.
AIAA JOURNAL, vol.42, no.2, pp.332-340, 2004 (SCI-Expanded)

Articles Published in Other Journals

I. **Experimental investigation of dynamic ground boundary condition for a non-slender delta wing**
Koçak G., YAVUZ M. M.
CEAS Aeronautical Journal, 2024 (Scopus)

II. **Nozzle design for ArcelorMittal Dofasco's No. 1 continuous caster for minimizing sliver defects**
Sengupta J., YAVUZ M. M.
Iron and Steel Technology, vol.8, no.7, pp.39-47, 2011 (Scopus)

Refereed Congress / Symposium Publications in Proceedings

I. **DÜŞÜK OK AÇILI DELTA VE TERS DELTA KANATLARIN AERODİNAMİĞİ: KANAT KALINLIĞI ETKİSİ**
Koçak G., Yavuz M. M.
9. ULUSAL HAVACILIK VE UZAY KONFERANSI, İzmir, Turkey, 14 - 16 September 2022, no.34, pp.1-11

II. **PASİF AKITMA TEKNİĞİNİN İNCE OLMAYAN BİR DELTA KANADIN AERODİNAMİK PERFORMANSINA ETKİSİNİN YER ETKİSİ DURUMUNDA İNCELENMESİ**
Yilmaz O., Aktaş M. K., Yavuz M. M.
9. ULUSAL HAVACILIK VE UZAY KONFERANSI, İzmir, Turkey, 14 - 16 September 2022, no.26, pp.1-11

III. **YENİ BİR PASİF AKITMA TASARIMI İLE DÜŞÜK OK AÇILI DELTA KANAT AKIŞININ KONTROLÜ**
Çetin C., Koçak G., Yavuz M. M.
9. ULUSAL HAVACILIK VE UZAY KONFERANSI, İzmir, Turkey, 14 - 16 September 2022, no.41, pp.1-7

IV. **ANALYSIS OF FLOW STRUCTURE IN A HELICOPTER CABIN TO IMPROVE THE THERMAL COMFORT USING CFD MODELING**

Şahin D., Yavuz M. M.
10th ANKARA INTERNATIONAL AEROSPACE CONFERENCE, Ankara, Turkey, 18 - 20 September 2019, pp.1-12

V. **Effect of thickness-to-chord ratio on flow structure of nonslender delta wing**
Gülsaçan B., Ghazijahani M. S., Şencan G., Yavuz M. M.
71st Annual Meeting of the APS Division of Fluid Dynamics, Georgia, United States Of America, 18 - 20 November 2018, pp.1

VI. **Control of Flow Structure on Nonslender Delta Wing using Passive Bleeding: Effects of Orientation, Angle, and Solidity Ratio**
Yavuz M. M., Ramazanli B., Kestel K.
71st Annual Meeting of the APS Division of Fluid Dynamics, Georgia, United States Of America, 18 - 20 November 2018, pp.1

VII. **Control of Three-dimensional Seperation on Nonslender Delta Wings Using Passive Bleeding**
Ramazanli B., Kestel K., Yavuz M. M.
12th European Fluid Mechanics Conference, Vienna, Austria, 9 - 14 September 2018

VIII. **Düşük ve Orta Ok Açılı Delta Kanatlar Üzerindeki Akışın Pasif Akıtma Yöntemi ile Kontrolü**
Ramazanli B., Kestel K., Yavuz M. M.
VII. Ulusal Havacılık ve Uzay Konferansı, Samsun, Turkey, 12 - 14 September 2018, no.114, pp.1-9

IX. **Kalınlık-Veter Oranının Düşük Ok Açılı Delta Kanat Üzerindeki Akış Yapısına Etkisi**
Gülsaçan B., Şencan G., Yavuz M. M.
VII. Ulusal Havacılık ve Uzay Konferansı, Samsun, Turkey, 12 - 14 September 2018, no.112, pp.1-8

X. **Kalınlık-Veter Oranının Düşük Ok Açılı Delta Kanat Üzerindeki Akış Yapısına Etkisinin Nümerik İncelenmesi**
Cesur I. S., Yavuz M. M., Albayrak K.
VII. Ulusal Havacılık ve Uzay Konferansı, Samsun, Turkey, 12 - 14 September 2018, no.47, pp.1-9

XI. **Effectiveness of Passive Bleeding as a Flow Control Method for the Flow Structure on Low to Moderate Swept Delta Wings**
Kestel K., Ramazanli B., Yavuz M. M.
9th International Conference on Mechanical and Aerospace Engineering (ICMAE), Budapest, Hungary, 10 - 13 July 2018, pp.1

XII. **Effect of Different Ground Scenarios on Flow Structure of a Rotor at Hover Condition**
Koçak G., Nalbantoğlu V., Yavuz M. M.
70th Annual Meeting of the APS Division of Fluid Dynamics, Colorado, United States Of America, 19 - 21 November 2017

XIII. **Effect of Wing Heating of Flow Structure of Low Swept Delta Wing**
ŞENCAN G., GÜVENÇ YAZICIOĞLU A., YAVUZ M. M.
9th. Ankara International Aerospace Conference, Ankara, Turkey, 20 - 22 September 2017

XIV. **Kanat Isıtmasının Düşük Ok Açılı Delta Kanat Üzerindeki Akış Yapısına Etkisi**
Şencan G., Güvenç Yazicioğlu A., Yavuz M. M.
21. Ulusal Isı Bilimi ve Tekniği Kongresi, Çorum, Turkey, 13 - 16 September 2017

XV. **Flow Characterization of Full, Partial and Inclined Ground Effect**
Koçak G., Nalbantoğlu V., Yavuz M. M.
8th International Conference on Mechanical and Aerospace Engineering, Praha, Czech Republic, 22 - 25 July 2017

XVI. **Control of Flow Structure on Non Slender Delta Wing Bio inspired Edge Modifications Passive Bleeding and Pulsed Blowing**
Yavuz M. M., Çelik A., Çetin C.
69th Annual Meeting of the APS Division of Fluid Dynamics, Oregon, United States Of America, 20 - 22 November 2016, vol.61

XVII. **Düşük Ok Açılı Delta Kanat Akışının Zamana Bağlı Üfleme Tekniği ile Kontrolü**
Çetin C., Çelik A., Yavuz M. M.
VI. Ulusal Havacılık ve Uzay Konferansı, Kocaeli, Turkey, 28 - 30 September 2016, no.71, pp.1-8

XVIII. **Kenar Değişikliklerinin Düşük Ok Açılı Delta Kanat Üzerindeki Akış Yapılarına Etkileri**

Çelik A., Çetin C., Yavuz M. M.
VI. Ulusal Havacılık ve Uzay Konferansı, Kocaeli, Turkey, 28 - 30 September 2016, no.84, pp.1-9

XIX. **Döner Kanatlar için Yer Etkisinin Deneysel Olarak İncelenmesi**
Koçak G., Nalbantoğlu V., Yavuz M. M.
VI. Ulusal Havacılık ve Uzay Konferansı, Kocaeli, Turkey, 28 - 30 September 2016, no.81, pp.1-7

XX. **Düşük Ok Açılı Delta Kanat Üzerindeki Akışın Pasif Akıtma Yöntemiyle Kontrolü**
Çelik A., Çetin C., Yavuz M. M.
VI. Ulusal Havacılık ve Uzay Konferansı, Kocaeli, Turkey, 28 - 30 September 2016, no.85, pp.1-7

XXI. **Orta Süpürme Açılı Delta Kanat Etrafındaki Akışın Deneysel Olarak İncelenmesi**
ÖZTÜRK İ., Zharfa M., Erkal B., YAVUZ M. M.
UHUK, Kayseri, Turkey, 8 - 10 September 2014, pp.10

XXII. **Analysis and Control of Complex Flows in U-Bends using Computational Fluid Dynamics**
Guden Y., YAVUZ M. M.
4th ASME Joint US-European Fluids Engineering Diviison Summer Meeting, Illinois, United States Of America, 3 - 07 August 2014

XXIII. **Effect of Slide Gate Opening on Mold Flow Structure**
Gursoy K. A., YAVUZ M. M.
AISTech, 5 - 08 May 2014, vol.2, pp.1631-1640

XXIV. **Dikey Eksenli Darrieus Tip Su Turbinlerinin Hesaplamali Akiskanlar Dinamgi ile Analizi**
DEMİRCAN E., AKSEL M. H., YAVUZ M. M.
8. Pompa Vana Konferansi, İstanbul, Turkey, 2 - 04 May 2013, vol.1

XXV. **Orta Süpürme Açısına Sahip Delta Kanat Üzerindeki Akış Yapısının Kalkış Manevrası Sırasında Değişimi**
ÖZTÜRK İ., Celik A., Tunc H. C., YAVUZ M. M.
UHUK, İstanbul, Turkey, 12 - 14 September 2012, pp.10

XXVI. **Mathematical Modeling of Liquid Steel Flow in Continuous Casting Machine**
YAVUZ M. M., Gursoy K. A.
IISS International Iron and Steel Symposium, Karabük, Turkey, 16 - 18 April 2012, vol.1, pp.99-105

XXVII. **Effects of stopper rod movement on mold fluid flow at Arcelormittal Dofasco's No. 1 Continuous Caster**
Liu R., Sengupta J., Crosbie D., Yavuz M. M., Thomas B.
AISTech 2011 Iron and Steel Technology Conference, Indianapolis, IN, United States Of America, 2 - 05 May 2011, pp.1619-1631

XXVIII. **Effects of Stopper Rod Movement on Mold Fluid Flow and Sliver Formation at ArcelorMittal Dofasco s No 1 Continuous Caster**
Lui R., Sengupta J., Crosbie D., Yavuz M. M., Thomas B.
AISTech, Indiana, United States Of America, 2 - 05 May 2011, vol.1, pp.1619-1631

XXIX. **Analysis of Mold Flow Structure under the Influence of Electromagnetic Brake at ArcelorMittal Riverdale Thin Slab Caster**
YAVUZ M. M., Blazek K., Thacker J., Neale K., Fiegle S., Fritz C., Kaurich T.
AISTech, Indianapolis, United States Of America, 2 - 05 May 2011, vol.1, pp.1497-1506

XXX. **Analysis of Mold Flow Structure at ArcelorMittal Indiana Harbor No 1 Slab Caster**
YAVUZ M. M., Thacker J.
AISTech, Indianapolis, United States Of America, 2 - 05 May 2011, vol.2, pp.453-461

XXXI. **Nozzle design for ArcelorMittal Dofasco's No. 1 continuous caster for minimizing sliver defects**
Yavuz M. M., Sengupta J.
AISTech 2010 Iron and Steel Technology Conference, Pittsburgh, PA, United States Of America, 3 - 06 May 2010, pp.41-51

XXXII. **Optimization of a Submerged Entry Nozzle Design to Reduce Non Metallic Inclusions in Line Pipe Steel**
Forman B., YAVUZ M. M., Tahcker J., Tsai T.

AISTech, Pittsburgh, United States Of America, 3 - 06 May 2010, vol.2, pp.53-62

XXXIII. **Mold Flow Modeling of ArcelorMittal Riverdale and POSCO Thin Slab Casters**
YAVUZ M. M., Cho M., Lee S. M., Neale K.
AISTech, Pittsburgh, United States Of America, 3 - 06 May 2010, vol.1, pp.1291-1302

XXXIV. **CFD modeling of Indiana Harbor 2 Steel Producing 2 and 3 Slab Casters**
YAVUZ M. M., Besich R.
AISTech, St. Louis, United States Of America, 4 - 07 May 2009, vol.1, pp.1163-1170

XXXV. **Quantitative Imaging of Flow Structure Interactions Origin of Unsteady Loading and Vibration**
Rockwell D., Elkhoury M., Saelim N., Sever Ç., Yang Y., YAVUZ M. M.
8th International Conference on Flow-Induced Vibration, 3 - 05 August 2004, vol.2, pp.457-462

Supported Projects

YAVUZ M. M., ÇELİK A., Project Supported by Higher Education Institutions, Doğadan Esinlenerek Değiştirilmiş Düşük Süpürme Açılı Delta Kanatlarda Akış Yapısının Pasif Akıtma Tekniği ile Kontrolü, 2016 - Continues

YOZGATLIGİL A., ABUAISHEH M. B. A. M., YAVUZ M. M., Project Supported by Higher Education Institutions, Farklı Tünel Yangın Senaryoları İçin Rüzgar Tüneli Geliştirme Çalışması, 2018 - 2019

YAVUZ M. M., Project Supported by Other Private Institutions, Tarımsal Traktörlerde Fan, Radyatör ve Diğer Elemanları İçeren Motor Soğutma Sistemi Performansının Optimizasyonu Ar-Ge Projesi, 2016 - 2017

YAVUZ M. M., Project Supported by Other Private Institutions, Bina Rüzgar Analizleri için yapılan Rüzgar Tüneli nin Sınır Tabaka Koşullarının Analizi, 2015 - 2015

Yazıcıoğlu Y., Yavuz M. M., Project Supported by Higher Education Institutions, Daralan damarlardan geçen akışın dokularda oluşturduğu akustik yayılımın deneysel araştırması için altyapı kurulması, 2015 - 2015

AKSEL M. H., YAVUZ M. M., DEMİRCAN E., Project Supported by Higher Education Institutions, Değişik Kanat Profillerinin Darrieus tipi Su Türbinlerinin Performansına Etkisinin Deneysel Olarak İncelenmesi, 2013 - 2015

YAVUZ M. M., TUBITAK Project, Düşük Süpürme Açısına Sahip Delta Kanadın Akış Yapısının Aktif Akış Kontrol Tekniği Ile Düzenlenmesi, 2012 - 2014

YAVUZ M. M., Project Supported by Higher Education Institutions, Sürekli Döküm Makinelerindeki Sıvı Çelik Akışının Sayısal Hesaplamalı Akışkanlar Dinamiği Yöntemiyle Modellenmesi, 2012 - 2014

YAVUZ M. M., Project Supported by Higher Education Institutions, Düşük Süpürme Açısına Sahip Delta Kanatların Akış Yapılarının Deneysel Tekniklerle İncelenmesi., 2012 - 2014

Scientific Refereeing

JOURNAL OF AEROSPACE ENGINEERING, Journal Indexed in SCI-E, August 2021

AEROSPACE SCIENCE AND TECHNOLOGY, Journal Indexed in SCI-E, July 2021

METALLURGICAL AND MATERIALS TRANSACTIONS B: PROCESS METALLURGY AND MATERIALS PROCESSING SCIENCE, Journal Indexed in SCI-E, April 2021

INTERNATIONAL JOURNAL OF MECHANICAL SCIENCES, Journal Indexed in SCI-E, March 2021

AEROSPACE SCIENCE AND TECHNOLOGY, Journal Indexed in SCI-E, October 2018

Engineering Applications Of Computational Fluid Mechanics, Journal Indexed in SCI-E, September 2018

AEROSPACE SCIENCE AND TECHNOLOGY, Journal Indexed in SCI-E, June 2018

Metrics

Publication: 60

Citation (WoS): 220

Citation (Scopus): 300

H-Index (WoS): 8
H-Index (Scopus): 10

Non Academic Experience

ArcelorMittal Global R&D
ArcelorMittal Global R&D