

Prof. MELİH CEMAL KUŞHAN

Personal Information

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International Researcher IDs

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Education Information

Post Doctorate, James Cook University, Engineering, Mechanical Engineering, Australia 2008 - 2009

Doctorate, Eskisehir Osmangazi University, FEN BİLİMLERİ ENSTİTÜSÜ, Makine Mühendisliği (Dr), Turkey 1988 - 1996

Postgraduate, Anadolu University, Institute Of Science, Endüstri Mühendisliği (YI) (Tezli), Turkey 1985 - 1988

Undergraduate, Dokuz Eylül University, Mühendislik Fakültesi, Makina Mühendisliği Bölümü, Turkey 1981 - 1985

Foreign Languages

English, C1 Advanced

Certificates, Courses and Trainings

Vocational Course, Sıvı Penetrant Kontrol (Seviye-I) Kursu, TMMOB MMO, 2014

Occupational Health and Safety, İş Yeri Hekimliği ve İş Güvenliği Uzmanlığı, ÇSGB, 2014

R&D Management, Ürün Belgelendirme Temel Eğitimi, TSE, 2013

Occupational Health and Safety, Basınçlı Kaplar Dış İnceleme Uzmanlığı Sertifikası , TSE, 2013

Quality Management, ISO 9001 Kalite Yönetim Sistemi, KGS Danışmanlık, 2010

Quality Management, Öğretim Tasarımı Eğitim Programı, Eskişehir Osmangazi Üniversitesi, 2009

Quality Management, Öğrenci İlgisi ve Öğrenme, Eskişehir Osmangazi Üniversitesi, 2009

Quality Management, Öğrenciler Arası İşbirliği Becerileri, Eskişehir Osmangazi Üniversitesi, 2009

Vocational Course, Model Uçak ve Model Roket Sertifikası , THK, 2007

Dissertations

Post Doctorate, A New APU Failure Warning and Record Control System in Aircraft, James Cook University, College of Science and Engineering, Mechanical Engineering, 2009

Doctorate, Elektron bombardıman kaynaklı Fe-Ni esaslı inconel 718'xxin ısı tesiri altındaki bölgedeki mikroçatlakların incelenmesi, Eskişehir Osmangazi University, FEN BİLİMLERİ ENSTİTÜSÜ, Makine Mühendisliği (Dr), 1996

Postgraduate, Endüstri İşletmelerinde Robot Kullanımının Ekonomik Analizi, Anadolu University, Fen Bilimleri Enstitüsü, Endüstri Mühendisliği (YI) (Tezli), 1988

Research Areas

Engineering and Technology

Academic Titles / Tasks

Professor, Eskisehir Osmangazi University, FEN BİLİMLERİ ENSTİTÜSÜ, Havacılık Bilimi ve Teknolojileri, 2021 - Continues

Associate Professor, Eskisehir Osmangazi University, FEN BİLİMLERİ ENSTİTÜSÜ, Havacılık Bilimi Ve Teknolojileri Anabilim Dalı (Disiplinlerarası), 2016 - 2020

Associate Professor, Eskisehir Osmangazi University, MÜHENDİSLİK-MİMARLIK FAKÜLTESİ, MAKİNE MÜHENDİSLİĞİ BÖLÜMÜ, 2015 - 2020

Associate Professor, Uluslararası Türkmen Türk Üniversitesi, İnzenelik Fakültesi, Sanagat İnzeneriği, 2014 - 2015

Assistant Professor, Eskisehir Osmangazi University, MÜHENDİSLİK-MİMARLIK FAKÜLTESİ, MAKİNE MÜHENDİSLİĞİ BÖLÜMÜ, 2009 - 2014

Assistant Professor, James Cook University, College of Science and Engineering, Division of Mechanical Engineering, 2008 - 2009

Assistant Professor, Eskisehir Osmangazi University, MÜHENDİSLİK-MİMARLIK FAKÜLTESİ, MAKİNE MÜHENDİSLİĞİ BÖLÜMÜ, 1996 - 2008

Research Assistant, Anadolu University, Faculty Of Engineering-Architecture, Department Of Mechanical Engineering, 1988 - 1993

Research Assistant, Anadolu University, Faculty Of Engineering-Architecture, Department Of Industrial Engineering, 1985 - 1988

Academic and Administrative Experience

Rectorate Commissioner, Eskisehir Osmangazi University, MÜHENDİSLİK-MİMARLIK FAKÜLTESİ, UÇAK MÜHENDİSLİĞİ BÖLÜMÜ, 2021 - Continues

Fakülte Akademik Kurul Üyesi, Eskisehir Osmangazi University, MÜHENDİSLİK-MİMARLIK FAKÜLTESİ, UÇAK MÜHENDİSLİĞİ BÖLÜMÜ, 2021 - Continues

Bölüm Akademik Teşvik Değerlendirme Komisyonu Başkanı, Eskisehir Osmangazi University, MÜHENDİSLİK-MİMARLIK FAKÜLTESİ, UÇAK MÜHENDİSLİĞİ BÖLÜMÜ, 2021 - Continues

Scientific Award Committee Member, Eskisehir Osmangazi University, REKTÖRLÜK, 2021 - Continues

Head of Department, Eskisehir Osmangazi University, MÜHENDİSLİK-MİMARLIK FAKÜLTESİ, UÇAK MÜHENDİSLİĞİ BÖLÜMÜ, 2020 - Continues

Uygulama ve Araştırma Merkezi Yönetim Kurulu Üyesi, Eskisehir Osmangazi University, REKTÖRLÜK, 2020 - Continues

YÖKAK Kurumsal Dış Değerlendirme Komisyonu Üyesi, Eskisehir Osmangazi University, MÜHENDİSLİK-MİMARLIK FAKÜLTESİ, UÇAK MÜHENDİSLİĞİ BÖLÜMÜ, 2018 - Continues

Erasmus Coordinator, Eskisehir Osmangazi University, FEN BİLİMLERİ ENSTİTÜSÜ, Havacılık Bilimi ve Teknolojileri, 2015 - Continues

Academic Performance D. Board Member, Eskisehir Osmangazi University, MÜHENDİSLİK-MİMARLIK FAKÜLTESİ, MAKİNE MÜHENDİSLİĞİ BÖLÜMÜ, 2018 - 2020

IAESTE ESOGÜ Koordinatörlüğü, Eskisehir Osmangazi University, MÜHENDİSLİK-MİMARLIK FAKÜLTESİ, UÇAK MÜHENDİSLİĞİ BÖLÜMÜ, 2008 - 2009

Deputy Head of Department, Eskisehir Osmangazi University, MÜHENDİSLİK-MİMARLIK FAKÜLTESİ, METALURJİ VE MALZEME MÜHENDİSLİĞİ BÖLÜMÜ, 2001 - 2002

Courses

UZMANLIK ALAN DERSİ, Postgraduate, 2022 - 2023
MOTORSUZ UÇUŞ PRENSİBİ, Doctorate, 2021 - 2022
UZMANLIK ALAN DERSİ, Postgraduate, 2021 - 2022
YÜKSEK LİSANS TEZ ÇALIŞMASI, Postgraduate, 2021 - 2022
YÜKSEK LİSANS TEZ ÇALIŞMASI, Postgraduate, 2021 - 2022
HAVA ARAÇLARI TASARIMI, Undergraduate, 2021 - 2022
UZMANLIK ALAN DERSİ, Doctorate, 2021 - 2022
HAVACILIK MALZEMELERİ, Postgraduate, 2021 - 2022
DOKTORA YETERLİK, Doctorate, 2021 - 2022
DOKTORA TEZ ÇALIŞMASI, Doctorate, 2021 - 2022
Savunma Sanayi Malzemeleri, Undergraduate, 2021 - 2022
UÇAK GÖVDESİ, Postgraduate, 2021 - 2022
PRODUCTION PLANNING, Undergraduate, 2021 - 2022
506701702 YÜKSEK LİSANS TEZ ÇALIŞMASI, Postgraduate, 2020 - 2021
MOTORSUZ UÇUŞ PRENSİBİ, Doctorate, 2021 - 2022
DOKTORA SEMİNER, Doctorate, 2020 - 2021
HAVACILIK MALZEMELERİ, Postgraduate, 2021 - 2022
YÜKSEK LİSANS TEZ ÇALIŞMASI, Postgraduate, 2020 - 2021
SEMİNER, Postgraduate, 2020 - 2021
UZMANLIK ALAN DERSİ, Doctorate, 2021 - 2022
DOKTORA YETERLİK, Doctorate, 2021 - 2022
UZMANLIK ALAN DERSİ, Postgraduate, 2021 - 2022
ZIRHLI TAŞIT TASARIMI, Undergraduate, 2021 - 2022
DOKTORA TEZ ÇALIŞMASI, Doctorate, 2021 - 2022
MOTORSUZ UÇUŞ PRENSİBİ, Doctorate, 2020 - 2021
YÜKSEK LİSANS TEZ ÇALIŞMASI, Postgraduate, 2021 - 2022
UZMANLIK ALAN DERSİ, Postgraduate, 2021 - 2022
DOKTORA TEZ ÇALIŞMASI, Doctorate, 2020 - 2021
YÜKSEK LİSANS TEZ ÇALIŞMASI, Postgraduate, 2021 - 2022
UZMANLIK ALAN DERSİ , Postgraduate, 2020 - 2021
PRODUCTION PLANNING, Undergraduate, 2021 - 2022
UÇAK MOTOR GÖVDE ARAŞTIRMALARI, Undergraduate, 2020 - 2021
MALZEME BİLİMİ, Undergraduate, 2017 - 2018, 2016 - 2017
MÜHENDİSLİK MALZEMELERİ, Undergraduate, 2017 - 2018
ZIRHLI TAŞIT TASARIMI, Undergraduate, 2017 - 2018, 2016 - 2017
HAVACILIK MALZEMELERİ, Postgraduate, 2017 - 2018
HAVA ARAÇLARI TASARIMI, Undergraduate, 2017 - 2018
UÇAK MOTOR GÖVDE, Undergraduate, 2017 - 2018, 2016 - 2017
SAVUNMA SANAYİİ MALZEMELERİ, Undergraduate, 2017 - 2018
ÜRETİM PLANLAMASI, Undergraduate, 2017 - 2018, 2016 - 2017
AIRCRAFT FUSELAGE, Postgraduate, 2016 - 2017
Rapor Yazma Tekniği, Undergraduate, 2001 - 2002
Malzeme Bilgisi, Undergraduate, 1996 - 1997
Mekanizma Tekniği, Undergraduate, 1996 - 1997

Advising Theses

Kuşhan M. C., Seviye 4 Düzeyinde Alüminyum Köpük Takviyeli Yeni Bir Addon Zırh Tasarımı ve İmalatı, Doctorate, T.ÜNALIR(Student), 2021
Kuşhan M. C., YENİ BİR SERAMİK ESASLI SÖKÜLEBİLİR-TAKILABİLİR MODÜLER HARİCİ ARAÇ ZIRHI TASARIMI,

Doctorate, E.GÖDE(Student), 2021

Kuşhan M. C., Yasa E., A Study on the Effect of Varying Selective Laser Melting Process Parameters by Build Process Simulation, Postgraduate, P.RUGU(Student), 2020

Kuşhan M. C., Türk genel maksatlı helikopterinde kullanılan "Push Rod" parçaları için imalat yöntemi geliştirilmesi ve oluşan mikro çatlak oluşumunun engellenmesi, Postgraduate, B.KONAGAR(Student), 2020

Gürgen S., Kuşhan M. C., Uçak kompozit yapılarında termografik analiz ile tahribatsız muayene, Postgraduate, E.EROĞLU(Student), 2019

POTOĞLU ERKARA İ., KUŞHAN M. C., Kuşlardan esinlenmiş motorlu bir insansız planör konsept tasarımı, Postgraduate, G.KESKİN(Student), 2019

Kuşhan M. C., 5052 alüminyum alaşım oranı 0, 6 olan metal matrisli kompozit malzeme ile mekanik araç krikosu gerilme analizi ve Taguchi metodu, Postgraduate, M.KORAL(Student), 2018

Kuşhan M. C., Metallerin lazer katmanlı imalatında kullanılan proses parametrelerinin etkisinin, modelleme ve simülasyon yöntemleri kullanılarak incelenmesi, Doctorate, Ö.POYRAZ(Student), 2018

Gürgen S., Kuşhan M. C., Lazerle metal toz ergitme (SLM) prosesi sonrası proses parametrelerinin yüzey kalitesine olan etkisinin incelenmesi, Postgraduate, E.UĞUR(Student), 2018

Kuşhan M. C., Kayma altında katılaştıran sıvı takviyeli zırh kumaşının seramik toz katkıları ile özelliklerinin geliştirilmesi, Doctorate, S.GÜRGEN(Student), 2017

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Effect of Heat Treatment and Hot Isostatic Pressing on the Corrosion Behavior of Ti6Al4 V Parts Produced by Electron Beam Melting Additive Manufacturing Technology**
Karasoglu M., ÖTEYAKA M. Ö., YASA E., Tan E., KUŞHAN M. C.
ACS Omega, vol.9, no.27, pp.29904-29916, 2024 (SCI-Expanded)
- II. **Design of smart sandwich structures enhanced by multi-functional shear thickening fluids (M-STFs): Anti-vibration and electrical conductivity**
Sheikhi M. R., Guergen S., Li J., SOFUOĞLU M. A., Hasanzadeh M., Kushan M. C., Chen Z.
COMPOSITE STRUCTURES, vol.324, 2023 (SCI-Expanded)
- III. **An experimental study on the ballistic performance of ultra-high hardness armor steel (Armox 600T) against 7.62 mm × 51 M61 AP projectile in the multi-hit condition**
Göde E., Teoman A., Çetin B., Tonbul K., Davut K., KUŞHAN M. C.
Engineering Science and Technology, an International Journal, vol.38, 2023 (SCI-Expanded)
- IV. **Improvement of spall liner performance with smart fluid applications**
Guergen S., KUŞHAN M. C.
THIN-WALLED STRUCTURES, vol.180, 2022 (SCI-Expanded)
- V. **Investigation of electromechanical impedance and residual stress relation for samples machined by hot ultrasonic-assisted turning**
SOFUOĞLU M. A., HAYDARLAR G., Kuşhan M. C., ORAK S., TEKKALMAZ M.
PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART C-JOURNAL OF MECHANICAL ENGINEERING SCIENCE, vol.236, no.8, pp.4180-4193, 2022 (SCI-Expanded)
- VI. **Designing and producing a bird-inspired unmanned sailplane**
Keskin G., Durmus S., KARAKAYA M., KUŞHAN M. C.
Aircraft Engineering and Aerospace Technology, vol.93, pp.1052-1059, 2021 (SCI-Expanded)
- VII. **An investigation on wear behavior of UHMWPE/carbide composites at elevated temperatures**
Gürgen S., Sert A., Kuşhan M. C.
Journal of Applied Polymer Science, vol.138, no.16, 2021 (SCI-Expanded)
- VIII. **Development of Eco-friendly Shock-absorbing Cork Composites Enhanced by a Non-Newtonian Fluid**
GÜRGEN S., Fernandes F. A. O., de Sousa R. J. A., KUŞHAN M. C.
APPLIED COMPOSITE MATERIALS, vol.28, no.1, pp.165-179, 2021 (SCI-Expanded)
- IX. **Rheological modeling of multi-phase shear thickening fluid using an intelligent methodology**

Gürgen S., Sofuoğlu M. A., Kuşhan M. C.

JOURNAL OF THE BRAZILIAN SOCIETY OF MECHANICAL SCIENCES AND ENGINEERING, vol.42, no.11, 2020 (SCI-Expanded)

- X. **Tribological behavior of UHMWPE matrix composites reinforced with PTFE particles and aramid fibers**
GÜRGEN S., ÇELİK O. N., KUŞHAN M. C.
COMPOSITES PART B-ENGINEERING, vol.173, 2019 (SCI-Expanded)
- XI. **Fatigue and corrosion behavior of in-service AA7075 aircraft component after thermo-mechanical and retrogression and re-aging treatments**
GÜRGEN S., Sackesen I., KUŞHAN M. C.
PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART L-JOURNAL OF MATERIALS-DESIGN AND APPLICATIONS, vol.233, no.9, pp.1764-1772, 2019 (SCI-Expanded)
- XII. **Multi-criteria decision-making analysis of different non-traditional machining operations of Ti6Al4V**
GÜRGEN S., ÇAKIR F. H., SOFUOĞLU M. A., ORAK S., KUŞHAN M. C., Li H.
SOFT COMPUTING, vol.23, no.13, pp.5259-5272, 2019 (SCI-Expanded)
- XIII. **Optimization of different non-traditional turning processes using soft computing methods**
SOFUOĞLU M. A., ÇAKIR F. H., KUŞHAN M. C., ORAK S.
SOFT COMPUTING, vol.23, no.13, pp.5213-5231, 2019 (SCI-Expanded)
- XIV. **Surface topography of nickel-based superalloy manufactured with direct metal laser sintering (DMLS) method**
Solakoglu E. U., GÜRGEN S., KUŞHAN M. C.
SURFACE TOPOGRAPHY-METROLOGY AND PROPERTIES, vol.7, no.1, 2019 (SCI-Expanded)
- XV. **Rheological compatibility of multi-phase shear thickening fluid with a phenomenological model**
GÜRGEN S., SOFUOĞLU M. A., KUŞHAN M. C.
SMART MATERIALS AND STRUCTURES, vol.28, no.3, 2019 (SCI-Expanded)
- XVI. **Residual Stress-induced Distortions in Laser Powder Bed Additive Manufacturing of Nickel-based Superalloys**
Poyraz O., KUŞHAN M. C.
STROJNISKI VESTNIK-JOURNAL OF MECHANICAL ENGINEERING, vol.65, no.6, pp.343-350, 2019 (SCI-Expanded)
- XVII. **Experimental investigation of machining characteristics and chatter stability for Hastelloy-X with ultrasonic and hot turning**
SOFUOĞLU M. A., ÇAKIR F. H., GÜRGEN S., ORAK S., KUŞHAN M. C.
INTERNATIONAL JOURNAL OF ADVANCED MANUFACTURING TECHNOLOGY, vol.95, pp.83-97, 2018 (SCI-Expanded)
- XVIII. **Numerical investigation of hot ultrasonic assisted turning of aviation alloys**
SOFUOĞLU M. A., ÇAKIR F. H., GÜRGEN S., ORAK S., KUŞHAN M. C.
Journal of the Brazilian Society of Mechanical Sciences and Engineering, vol.40, no.3, 2018 (SCI-Expanded)
- XIX. **Investigation of the effect of different process parameters for laser additive manufacturing of metals**
Poyraz O., KUŞHAN M. C.
JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, vol.33, no.2, pp.699-711, 2018 (SCI-Expanded)
- XX. **The ballistic performance of aramid based fabrics impregnated with multi-phase shear thickening fluids**
GÜRGEN S., KUŞHAN M. C.
POLYMER TESTING, vol.64, pp.296-306, 2017 (SCI-Expanded)
- XXI. **Shear thickening fluids in protective applications: A review**
GÜRGEN S., KUŞHAN M. C., Li W.
PROGRESS IN POLYMER SCIENCE, vol.75, pp.48-72, 2017 (SCI-Expanded)
- XXII. **Effect of heat treatment on the bending behavior of aluminum alloy tubes**
SERT A., GÜRGEN S., ÇELİK O. N., KUŞHAN M. C.

- JOURNAL OF MECHANICAL SCIENCE AND TECHNOLOGY, vol.31, no.11, pp.5273-5278, 2017 (SCI-Expanded)
- XXIII. **The stab resistance of fabrics impregnated with shear thickening fluids including various particle size of additives**
GÜRGEN S., KUŞHAN M. C.
COMPOSITES PART A-APPLIED SCIENCE AND MANUFACTURING, vol.94, pp.50-60, 2017 (SCI-Expanded)
- XXIV. **Oxidation and thermal shock behavior of thermal barrier coated 18/10CrNi alloy with coating modifications**
GÜRGEN S., Diltemiz S. F., KUŞHAN M. C.
JOURNAL OF MECHANICAL SCIENCE AND TECHNOLOGY, vol.31, no.1, pp.149-155, 2017 (SCI-Expanded)
- XXV. **The effect of silicon carbide additives on the stab resistance of shear thickening fluid treated fabrics**
GÜRGEN S., KUŞHAN M. C.
MECHANICS OF ADVANCED MATERIALS AND STRUCTURES, vol.24, no.16, pp.1381-1390, 2017 (SCI-Expanded)
- XXVI. **The rheology of shear thickening fluids with various ceramic particle additives**
GÜRGEN S., Li W., KUŞHAN M. C.
MATERIALS & DESIGN, vol.104, pp.312-319, 2016 (SCI-Expanded)
- XXVII. **The effect of carbide particle additives on rheology of shear thickening fluids**
GÜRGEN S., KUŞHAN M. C., Li W.
KOREA-AUSTRALIA RHEOLOGY JOURNAL, vol.28, no.2, pp.121-128, 2016 (SCI-Expanded)
- XXVIII. **Electron beam welding vareststraint test of ALLVAC 718 Plus™ for aviation technology**
Uzgur S., Li H., Cemal Kushan M. C., Yan M., Uzunonat Y., Diltemiz F.
Advanced Science Letters, vol.13, pp.831-832, 2012 (SCI-Expanded)
- XXIX. **Effect of dent geometry on fatigue life of aircraft structural cylinder part**
Diltemiz S. F., Uzunonat Y., Kushan M. C., ÇELİK O. N.
ENGINEERING FAILURE ANALYSIS, vol.16, no.4, pp.1203-1207, 2009 (SCI-Expanded)
- XXX. **Failure analysis of an aircraft propeller**
Kushan M. C., Diltemiz S. F., Sackesen I.
ENGINEERING FAILURE ANALYSIS, vol.14, no.8, pp.1693-1700, 2007 (SCI-Expanded)
- XXXI. **Hot cracking susceptibilities in the heat-affected zone of electron beam-welded inconel 718**
Yaman Y., Kushan M. C.
JOURNAL OF MATERIALS SCIENCE LETTERS, vol.17, no.14, pp.1231-1234, 1998 (SCI-Expanded)

Articles Published in Other Journals

- I. **Ceramic Faced Stand-Alone Hybrid Armor Design for Civilian (Hidden Armored) Vehicles**
Teoman A., GÖDE E., Tonbul K., ŞEKER H. İ., kushan m.
Savunma Bilimleri Dergisi, vol.2, no.43, pp.473-492, 2023 (Peer-Reviewed Journal)
- II. **Yeşil Havaalanları**
Demirkaya G., Kuşhan M. C.
Makina, vol.31, no.178, pp.15-18, 2023 (Non Peer-Reviewed Journal)
- III. **An electromechanical in situ viscosity measurement technique for shear thickening fluids**
HAYDARLAR G., SOFUOĞLU M. A., GÜRGEN S., KUŞHAN M. C., TEKKALMAZ M.
ADVANCED ENGINEERING FORUM, 2021 (Peer-Reviewed Journal)
- IV. **Hot ultrasonic assisted machining modelling of Ti6Al4V in terms of power consumption**
SOFUOĞLU M. A., KUŞHAN M. C., ORAK S.
Journal of Advances in Manufacturing Engineering, vol.2, pp.33-41, 2021 (Peer-Reviewed Journal)
- V. **Ultrasonic Inspection for Microstructural and Mechanical Properties of Ductile Cast Iron**
Özdemir Ö., Gürgen S., Kuşhan M. C.
Advanced Engineering Forum, vol.39, pp.9-19, 2021 (Peer-Reviewed Journal)
- VI. **BİYOMİMETİK, KUŞLAR VE PLANÖRLER**
Keskin G., Kuşhan M. C.

- Makina, no.164, pp.11-12, 2020 (Non Peer-Reviewed Journal)
- VII. **UÇMAYA DEVAM EDİYOR ŞANLI DAKOTA**
Kuşhan M. C.
Makina, no.163, pp.12-13, 2020 (Non Peer-Reviewed Journal)
- VIII. **Experimental investigation of newly designed cutting tool inserts in turning**
SOFUOĞLU M. A., GÜRGEN S., KUŞHAN M. C.
Journal of Production Systems and Manufacturing Science, 2020 (Peer-Reviewed Journal)
- IX. **COVID-19 UN DÜNYA SİVİL HAVACILIĞINA ETKİSİ**
Kuşhan M. C.
MAKİNA, no.162, pp.10-13, 2020 (Non Peer-Reviewed Journal)
- X. **Yeni Nesil Uçak Motorları ve Uçaklar**
Arslanoğlu B., Kuşhan M. C.
Makina, no.160, pp.10-13, 2020 (Non Peer-Reviewed Journal)
- XI. **Finite element modelling of the hot ultrasonic assisted turning of titanium alloy in terms of different vibrational parameters**
KUŞHAN M. C., ORAK S., SOFUOĞLU M. A.
International Journal of Mechanical and Production Engineering (ICSTEM 2019 konferansından), 2019 (Peer-Reviewed Journal)
- XII. **Comparison of different FEM software in terms of hot ultrasonic assisted machining technique**
SOFUOĞLU M. A., KUŞHAN M. C., ORAK S.
Materials Science Forum (ICMDA 2019 konferansından), 2019 (Scopus)
- XIII. **Da Vinciv'den Sikorsky'e**
KUŞHAN M. C.
Makina, no.152, pp.21-22, 2019 (Non Peer-Reviewed Journal)
- XIV. **Design and Economic Analysis of a Novel Hot Ultrasonic Machining System**
SOFUOĞLU M. A., GÜRGEN S., ÇAKIR F. H., ORAK S., KUŞHAN M. C.
JOURNAL OF POLYTECHNIC-POLITEKNİK DERGISI, vol.22, no.2, pp.277-282, 2019 (ESCI)
- XV. **Unpowered Flight Principle: Sailplane**
keskin g., DURMUŞ S., KARAKAYA M., teoman A., KUŞHAN M. C.
Engineer and Machinery, vol.60, no.695, pp.165-177, 2019 (Peer-Reviewed Journal)
- XVI. **ÇOK KULLANIMLI 1500M. İRTİFALI ROKET TASARIMI**
Arslanoğlu B., Şahin E., Güzel H. M., KUŞHAN M. C.
Makina, no.155, pp.20-21, 2019 (Non Peer-Reviewed Journal)
- XVII. **Yeni Nesil Uçak Kanatları**
Arslanoğlu B., Şahin E., KUŞHAN M. C.
Makina, vol.17, no.156, pp.15-16, 2019 (Non Peer-Reviewed Journal)
- XVIII. **Numerical Investigation of Hot Ultrasonic Assisted Turning of Titanium Alloy**
Çakır F. H., Gürgen S., Sofuoğlu M. A., Kuşhan M. C., Orak S.
European Journal of Engineering and Natural Sciences, vol.3, no.2, pp.147-151, 2019 (Peer-Reviewed Journal)
- XIX. **Berkan ARSLANOĞLU, Emre ŞAHİN, Melih Cemal Kuşhan, Yeni Nesil Uçak Kanatları, Makina, 17-18, 156, 2019**
Arslanoğlu B., Şahin E., Kuşhan M. C.
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- XX. **An Investigation on Surface Roughness and Tool Wear in Turning Operation of Inconel 718**
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