Prof. MELİH CEMAL KUŞHAN

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Education Information

Post Doctorate, James Cook University, Engineering, Mechanical Engineering, Australia 2008 - 2009
Doctorate, Eskisehir Osmangazi University, Fen Bilimleri Enstitüsü, Makine Mühendisliği (Dr), Turkey 1988 - 1996
Postgraduate, Anadolu University, Institute Of Scıence, Endüstri Mühendisliği (Yl) (Tezli), Turkey 1985 - 1988
Undergraduate, Dokuz Eylul 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 bölgesindeki mikroçatlakların incelenmesi, Eskisehir Osmangazi University, Fen Bilimleri Enstitüsü, Makine Mühendisliği (Dr), 1996
Postgraduate, Endüstri İşletmelerinde Robot Kullanımının Ekonomik Analizi, Anadolu University, Fen Bilimleri Enstitüsü, Endüstri Mühendisliği (Yl) (Tezli), 1988

Research Areas

Engineering and Technology

Academic Titles / Tasks

Professor, Eskisehir Osmangazi University, Fen Bilimleri Enstitüsü, Havacılık Bilimi ve Teknolojileri, 2021 - Continues
Associate Professor, Eskisehir Osmangazi University, Fen Bilimleri Enstitüsü, Havacılık Bilimi Ve Teknolojileri Anabilim Dalı (Disiplinlerarası), 2016 - 2020
Associate Professor, Eskisehir Osmangazi University, Mühendislik-Mimarlık Fakültesi, Makina Müh.Bölümü, 2015 - 2020
Associate Professor, Uluslararasi Türkmen Türk Üniversitesi, Inzenerlik Fakülteti, Sanagat Inzenerliği, 2014 - 2015
Assistant Professor, Eskisehir Osmangazi University, Mühendislik-Mimarlık Fakültesi, Makina Müh.Bölümü, 2009 - 2014
Assistant Professor, James Cook University, College of Science and Engineering, Division of Mechanical Engineeering, 2008 - 2009
Assistant Professor, Eskisehir Osmangazi University, Mühendislik-Mimarlık Fakültesi, Makina Müh.Bölümü, 1996 - 2008
Research Assistant, Anadolu University, Faculty Of Engıneerıng-Archıtecture, Department Of Mechanıcal Engıneerıng, 1988 - 1993
Research Assistant, Anadolu University, Faculty Of Engıneerıng-Archıtecture, Department Of Industrıal Engıneerıng, 1985 - 1988

Academic and Administrative Experience

Rectorate Commissioner, Eskisehir Osmangazi University, Mühendislik-Mimarlık Fakültesi, Uçak Mühendisliği, 2021 - Continues
Fakülte Akademik Kurul Üyesi, Eskisehir Osmangazi University, Mühendislik-Mimarlık Fakültesi, Uçak Mühendisliği, 2021 - Continues
Scientific Award Committee Member, Eskisehir Osmangazi University, Rektörlük, 2021 - Continues
Bölüm Akademik Teşvik Değerlendirme Komisyonu Başkanı, Eskisehir Osmangazi University, Mühendislik-Mimarlık Fakültesi, Uçak Mühendisliği, 2021 - Continues
Head of Department, Eskisehir Osmangazi University, Mühendislik-Mimarlık Fakültesi, Uçak Mühendisliği, 2020 - Continues
Uygulama ve Araştırma Merkezi Yönetim Kurulu Üyesi, Eskisehir Osmangazi University, Rektörlük, 2020 - Continues
YÖKAK Kurumsal Dış Değerlendirme Komisyonu Üyesi, Eskisehir Osmangazi University, Mühendislik-Mimarlık Fakültesi, Uçak Mühendisliği, 2018 - Continues
Erasmus Coordinator, Eskisehir Osmangazi University, Fen Bilimleri Enstitüsü, Havacılık Bilimi ve Teknolojileri, 2015 - Continues
Academic Performance D. Board Member, Eskisehir Osmangazi University, Mühendislik-Mimarlık Fakültesi, Makina Müh.Bölümü, 2018 - 2020
IAESTE ESOGÜ Koordinatörlüğü, Eskisehir Osmangazi University, Mühendislik-Mimarlık Fakültesi, Uçak Mühendisliği, 2008 - 2009
Deputy Head of Department, Eskisehir Osmangazi University, Mühendislik-Mimarlık Fakültesi, Metalurji ve Malzeme Müh.Böl., 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 katılaşan 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. **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)

II. **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)

III. **Improvement of spall liner performance with smart fluid applications**
Guergen S., KUŞHAN M. C.
THIN-WALLED STRUCTURES, vol.180, 2022 (SCI-Expanded)

IV. **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)

V. **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)

VI. **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)

VII. **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)

VIII. **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)

IX. **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)

X. **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)

XI. **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)

XII. **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)

XIII. **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)

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. **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)

XVI. **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)

XVII. **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)

XVIII. **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)

XIX. **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)

XX. **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)

XXI. **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)

XXII. **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)

XXIII. **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)

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 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)

XXVI. **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)

XXVII. **Electron beam welding varestraint 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)

XXVIII. **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)

XXIX. **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)

XXX. **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 Vincvi'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-POLITEKNIK 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.
Makina, vol.17, no.156, pp.15-16, 2019 (Non Peer-Reviewed Journal)

XX. **An Investigation on Surface Roughness and Tool Wear in Turning Operation of Inconel 718**
GÜRGEN S., Tali D., KUŞHAN M. C.
JOURNAL OF AEROSPACE TECHNOLOGY AND MANAGEMENT, vol.11, 2019 (ESCI)

XXI. **Havacılıkta MRO ve Endüstri 4.0**
KUŞHAN M. C.
Makina, no.153, pp.17-18, 2019 (Non Peer-Reviewed Journal)

XXII. **SYSTEMATICAL REVIEW ON THE NUMERICAL SIMULATIONS OF LASER POWDER BED ADDITIVE MANUFACTURING**
KUŞHAN M. C., Poyraz O., UZUNONAT Y., ORAK S.
SIGMA JOURNAL OF ENGINEERING AND NATURAL SCIENCES-SIGMA MUHENDISLIK VE FEN BILIMLERI DERGISI, vol.36, no.4, pp.1195-1212, 2018 (ESCI)

XXIII. **Composite Structures of C919**
GÜRGEN S., SOFUOĞLU M. A., ÇAKIR F. H., KUŞHAN M. C.
Elixir, vol.122, no.1, pp.51767-51770, 2018 (Peer-Reviewed Journal)

XXIV. **JET MOTORLARINDA UYGULANAN EFÜZYON FİLM SOĞUTMA AKIŞ KARAKTERİSTİKLERİNİN PIV**

YÖNTEMİYLE İNCELENMESİ
Yalçın S. E., Yakın E. Y., Karakoç T. H., Kuşhan M. C.
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Publication: 188
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Non Academic Experience

Chamber of Industry, Eskişehir Havacılık Kümelenmesi, ARGE VE İNOVASYON KURULU
Eskişehir Osmangazi Üniversitesi
Chamber of Industry, Eskişehir Havacılık Kümelenmesi, Eskişehir Havacılık Kümelenmesi
Eskişehir Havacılık Kümelenmesi
Professional Chamber, TMMOB , MMO
Professional Chamber, TMMOB, MMO
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