

Asst. Prof. SENAI YALÇINKAYA

Personal Information

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International Researcher IDs

ScholarID: Senai

ORCID: 0000-0001-7076-7766

Publons / Web Of Science ResearcherID: AAD-2101-2019

ScopusID: 57215823057

Yoksis Researcher ID: 173386

Biography

Dr. Senai YALÇINKAYA worked as Assistant Professor in Marmara University Faculty of Technology Department of Mechanical Engineering. He continues to work as a research and teaching member in Istanbul Marmara University.

RESEARCH AREAS

Metal cutting principles, Manufacturing Processes, Cutting Tools, Wear and Friction, Die & Tool Design, Corrosion and Surface Protection Materials in Machine, Experimental Design and Analysis. Friction and wear theories, Corrosion and surface protection of machine materials, 3D Printer Extruder.

EDUCATION ACTIVITIES

Metal cutting principles, Manufacturing processes, Machine design, Experimental design & analysis, Friction and Wear, SLS, Friction and wear theories, Corrosion and surface protection of machine materials, 3D printer,

SCIENTIFIC MEMBERSHIPS

Review of Scientific Journals- Materials & Design- Journal of Composite Materials - Balkan Tribology Association- Material, Metallurgy and Extraction Technology- Pack world, Editor- Metal and Machine, Editor- Dia Technology, Editor

Tribology,

Certified Production Techniques and Applications

Machining processes,

Theories of Friction and Wear,

Machine Design and Machine Elements

Corrosion and Surface Protection of Machine Materials,

Cutting Tool Design

Additive Manufacturing

3D Printing,

Mechanical Engineering

Material Design and Behaviors

Machine Design and Machine Elements

Computer Aided Design

Marmara University, Istanbul, Turkey

Research Areas

Engineering and Technology

Academic Positions

Assistant Professor, Marmara University, Faculty of Technology, Mechanical Engineering, 2011 - Continues

Courses

Doctorate

TRİBOLOJİ, Doctorate, 2019 - 2020, 2018 - 2019, 2017 - 2018

Postgraduate

ÇAĞDAŞ ÜRETİM SİSTEMLERİ, Postgraduate, 2019 - 2020, 2018 - 2019, 2017 - 2018

İLERİ MÜHENDİSLİK MALZEMELERİ İŞLEME TEKNİKLERİ, Postgraduate, 2019 - 2020, 2018 - 2019, 2017 - 2018

Sürtünme ve Aşınma Teorileri, Postgraduate, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017

Makine Malzemelerinde Korozyon ve Yüzeysel Koruma, Postgraduate, 2019 - 2020

Undergraduate

TEMEL İMALAT İŞLEMLERİ, Undergraduate, 2019 - 2020, 2018 - 2019, 2017 - 2018

TALAŞLI İMALATTA DENEYSEL YÖNTEMLER, Undergraduate, 2019 - 2020, 2018 - 2019

İMALAT İŞLEMLERİ, Undergraduate, 2018 - 2019, 2017 - 2018, 2016 - 2017

İLERİ ÜRETİM TEKNOLOJİSİ, Undergraduate, 2018 - 2019, 2017 - 2018, 2016 - 2017

İŞ YERİ EĞİTİMİ, Undergraduate, 2019 - 2020, 2018 - 2019

Otomotiv İmalat Teknikleri, Undergraduate, 2019 - 2020, 2018 - 2019

ÜRETİM TEKNİKLERİ VE UYGULAMALARI, Undergraduate, 2018 - 2019, 2017 - 2018, 2016 - 2017

TALAŞLI ÜRETİM TEKNİKLERİ VE UYGULAMALARI, Undergraduate, 2017 - 2018, 2016 - 2017, 2015 - 2016

BİLGİSAYAR DESTEKLİ TASARIM (CAD), Undergraduate, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010

TALAŞLI ÜRETİM TEKNİKLERİ VE UYGULAMALARI, Undergraduate, 2017 - 2018, 2016 - 2017, 2015 - 2016

İleri Üretim Teknolojisi, Undergraduate, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012

Malzeme Teknolojisi Uygulamaları IV, Undergraduate, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012

Üretim Teknikleri ve Uygulamaları, Undergraduate, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012

Associate Degree

KALIP TASARIMI, Associate Degree, 2018 - 2019, 2017 - 2018, 2016 - 2017

İMALAT İŞLEMLERİ-III, Associate Degree, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014

İMALAT İŞLEMLERİ-I, Associate Degree, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015

Supervised Theses

Yalçinkaya S., İnce Cidarlı Kafes Yapıların Enerji Sönümlenme Performansının Artırılmasının Eklemeli İmalatta Tasarım ve Uygulaması, Doctorate, G.Başar(Student), Continues

Yalçinkaya S., "Savunma Sanayiinde Kullanılan Su Araçlarının AL6061 Malzeme Yüzeylerinde Kaplama Yöntemleri Uygulanarak Korozyon ve Aşınma Etkilerinin Deneysel İncelenmesi", Postgraduate, K.KOÇYİĞİT(Student), Continues

Yalçinkaya S., "Düz Dişli Çarklarda WSz, WC/C, MoSz Kaplamalarının Yüzey Aşınması ve Yorulmaya Etkisinin Deneysel İncelenmesi", Postgraduate, A.Ghafoor(Student), Continues

Yalçinkaya S., "Çelik Esaslı Metal Disklerin Üzerine Lazer Metal Biriktirme (LMD) Yöntemi ile Kaplanan Süperalaşımın Yüksek Sıcaklıklarda Sürtünmesi Sonucunda Oluşarı Aşınma Davranışlarının İncelenmesi", Postgraduate, A.ÖNER(Student), Continues

Yalçinkaya S., Flow Forming Proses Parametrelerinin Farklı Malzemelerde Deneysel ve Sonlu Elemanlar Yöntemleri Kullanılarak İncelenmesi, Doctorate, A.Can(Student), Continues

Yalçinkaya S., "ÖZEL İMALAT KARBÜR, TİN, EXT-CrN VE TiSiN KAPLI FREZE UÇLARININ DENEY TASARIMI YÖNTEMİ İLE PERFORMANSININ OPTİMİZASYONU, Postgraduate, A.ÜSTÜNDAĞ(Student), 2021

Yalçinkaya S., Petrol Sahalarındaki Karakteristik Boru Hatlarında 5LX42 ve 5LX52 Malzeme Yüzeyine Kaplama Yöntemleri Uygulanarak Korozyon Etkilerinin Elektrokimyasal Metodlarla Araştırılması, Postgraduate, K.İSMAEİL(Student), 2021

Yalçinkaya S., PETROL SAHALARINDAKİ KARAKTERİSTİK BORU HATLARINDA 5LX42 VE 5LX52 MALZEME YÜZEYİNE KAPLAMA YÖNTEMLERİ UYGULANARAK KOROZYON ETKİLERİNİN ELEKTROKİMYASAL METOTLARLA ARAŞTIRILMASI, Postgraduate, K.ISMAEIL(Student), 2021

Yalçinkaya S., Biyomedikal Uygulamalar İçin Saf Titanyum / Magnezyum ve Bunların Alaşımının Toz Metalurjisi Yöntemi ile geliştirilmesi ve Uygulanabilirliğinin Araştırılması, Doctorate, E.AYGÜL(Student), 2020

Yalçinkaya S., Havacılık ve Uzay Sektöründe Kullanılan 7075 - T651 Alüminyum Alaşımının İşlenmesi için Özel İmalat Matkap Uçlarının Deney Tasarımı Yöntemi ile Performansının Optimizasyonu., Postgraduate, Y.ÖZBEK(Student), 2020

Yalçinkaya S., MARMARAY DEMİRYOLU HATTINDA RAY KUSURLARININ ULTRASONİK YÖNTEMLE İNCELENMESİ VE RAY KUSURLARININ HATTIN HANGİ KISIMLARINDA YOĞUNLAŞTIĞININ TESPİTİ, Postgraduate, O.KILIÇ(Student), 2019

Yalçinkaya S., KAPLAMALI VE KAPLAMASIZ HSS MATKAP UÇLARININ DENEY TASARIMI YÖNTEMİYLE PERFORMANSININ OPTİMİZASYONU, Postgraduate, A.CAN(Student), 2019

Yalçinkaya S., Mesleki eğitim okullarında CAD-CAM programlarının uygulama düzeylerinin ve okul sanayi işbirliği geliştirme çalışmalarının incelenmesi, Postgraduate, Y.KIRİBRAHİM(Student), 2013

Yalçinkaya S., Meslek liselerinde mekatronik eğitiminin uygulanma düzeylerinin araştırılması, Postgraduate, Z.ÇETİN(Student), 2006

Yalçinkaya S., Deneysel gerilme analizinde kuvvet ve tork ölçme, Postgraduate, Ö.ERTÜRK(Student), 2005

Yalçinkaya S., Paslanmaz çeliklerin düzlem yüzey frezelemede talaşlı işlenebilirliğinin incelenmesi, Postgraduate, M.ETİK(Student), 2004

Yalçinkaya S., Alternatif yakıt sistemlerinin emisyon etkisi, Postgraduate, E.GÜLEÇ(Student), 2004

Jury Memberships

Doctoral Examination, Doctoral Examination, Marmara Üniversitesi, March, 2022

Doctoral Examination, Doctoral Examination, Marmara Üniversitesi, April, 2021

Doctoral Examination, Doctoral Examination, Marmara Üniversitesi, November, 2020
Doctoral Examination, Doctoral Examination, Marmara Üniversitesi, June, 2020
Doctoral Examination, Doctoral Examination, Yıldız Teknik Üniversitesi, November, 2019
Post Graduate, Post Graduate, Yıldız Teknik Üniversitesi, July, 2019

Journal articles indexed in SCI, SSCI, and AHCI

- I. **Energy Absorption of a Novel Lattice Structure-Filled Multicell Thin-Walled Tubes Under Axial and Oblique Loadings**
Kocabas G. B., YALÇINKAYA S., Cetin E., Sahin Y.
Advanced Engineering Materials, vol.26, no.20, 2024 (SCI-Expanded)
- II. **Characteristics of minerals and oxide compounds in sediment collected from blood cockle culture areas at Bandon Bay, Thailand**
Jaowatana N., YALÇINKAYA S., Satapornvanit K., Salaenoi J.
PLOS ONE, vol.19, no.6 June, 2024 (SCI-Expanded)
- III. **Diş hekimliği uygulamalarında kullanılan Co-24,7Cr-5,4W-5Mo-Si alaşımının eklemeli imalat yöntemi ile üretilmesi ve karakterizasyonu**
AYGUL E., YALÇINKAYA S., ŞAHİN Y.
Gazi Üniversitesi Mühendislik-Mimarlık Fakültesi Dergisi, vol.37, no.2, pp.571-580, 2022 (SCI-Expanded)
- IV. **Characterization of Ti-6Al-(4V-7Nb-4Mo) Biomedical Alloys Produced by Powder Metallurgy Method**
Aygül E., Yalçinkaya S., Sahin Y.
POWDER METALLURGY AND METAL CERAMICS, vol.59, pp.296-302, 2020 (SCI-Expanded)
- V. **Microstructural analysis of sintered pure-titanium and titanium/hydroxyapatite (HA) surgical implant materials under different temperatures and HA doped conditions produced by powder metallurgy**
Aygül E., Yalçinkaya S., Sahin Y.
MATERIALS RESEARCH EXPRESS, vol.7, 2020 (SCI-Expanded)
- VI. **CORROSION CHARACTERISTICS OF AN ADDITIVE-MANUFACTURING COBALT-CHROME-WOLFRAM BIOMEDICAL ALLOY UNDER HEAT-TREATED AND MOLYBDENUM-DOPED CONDITIONS**
AYGÜL E., YALÇINKAYA S., Sahin Y.
MATERIALI IN TEHNOLOGIJE, vol.54, no.4, pp.535-540, 2020 (SCI-Expanded)
- VII. **"STUDY OF THE SURFACE FINISH WHEN TURNING HARDENED STEELS"**
ŞAHİN Y., YALÇINKAYA S.
Materials, Methods Technologies, Jurnal of international Publications, pp.307-316, 2017 (SSCI)
- VIII. **"CORROSION AND SURFACE PROTECTION IN MACHINEMATERIALS FRICTION HAVE DIFFERENT SURFACE PAIRSEXPERIMENTAL INVESTIGATION OF FACTORS".**
YALÇINKAYA S.
Fiabilitate si Durabilitate 2017 - Fiability Durability, vol.1, pp.3-12, 2017 (SCI-Expanded)
- IX. **Study on surface finish of AISI 2080 steel based on the Taguchi method**
Şahin Y., Yalçinkaya S.
MATERIALS SCIENCE AND ENGINEERING, vol.174, no.1, pp.1-6, 2017 (SCI-Expanded)

Articles Published in Other Journals

- I. **Experimental Investigation of the Effect of Seawater on Glass and Carbon Fiber Composites via Mechanical Characterization**
YALÇINKAYA S., MERTGENÇ YOLDAŞ D., Yoldaş M. F.
Journal of Composites Science, vol.9, no.3, 2025 (ESCI)
- II. **MODERN TASARIM İLKELERİ VE DUYGUSAL İLETİŞİM ARASINDAKİ İLİŞKİ/ THE RELATIONSHIP**

BETWEEN MODERN DESIGN PRINCIPLES AND EMOTIONAL COMMUNICATION

DÜZ O., KARABAŞ O., YALÇINKAYA S., YAMAN Z.

INTERNATIONAL REFEREED JOURNAL OF DESIGN AND ARCHITECTURE, no.31, pp.89-103, 2024 (Peer-Reviewed Journal)

- III. **AN EVALUATION OF TECHNOLOGY AND ARTIFICIAL INTELLIGENCE'S RELATIONSHIP WITH CULTURE AND ART IN TERMS OF LITERATURE**
DÜZ O., DÜZ O., KARABAŞ O., YALÇINKAYA S., KUYUCU M. M.
INTERNATIONAL REFEREED JOURNAL OF ENGINEERING AND SCIENCES, vol.20, no.20, pp.39-62, 2023 (Peer-Reviewed Journal)
- IV. **Experimental Comparison of the Energy Absorption Performance of Traditional Lattice and Novel Lattice Filled Tubes**
Kocabaş G. B., Cetin E., yalçinkaya s., ŞAHİN Y.
International Journal of Automotive Science and Technology, vol.7, no.3, pp.207-212, 2023 (Scopus)
- V. **OTOMOTİV SEKTÖRÜNDE KULLANILAN DİRENÇ NOKTA KAYNAK İŞLEM PARAMETRELERİNİN KAYNAK MUKAVEMETİ ÜZERİNE ETKİLERİNİN İNCELENMESİ**
KARAFAKİOĞLU A., BEDİR F., YALÇINKAYA S., ÖZ S. İ., ULUDAĞ A.
INTERNATIONAL REFEREED JOURNAL OF ENGINEERING AND SCIENCES, vol.11, no.18, pp.115-128, 2022 (Peer-Reviewed Journal)
- VI. **MOTORLU ARAÇLARDA BİNALARDA SES VE ISI YALITIMI İÇİN MALZEME TASARIMI**
YALÇINKAYA S., ÖNER A., AYGUL E.
INTERNATIONAL REFEREED JOURNAL OF ENGINEERING AND SCIENCES, vol.10, no.17, pp.53-76, 2022 (Peer-Reviewed Journal)
- VII. **PROTECTION OF ALUMINUM 6061 USED IN WATER VEHICLES FROM FLOUR FROM SALT CORROSION BY COATING**
YALÇINKAYA S., KOÇYİĞİT K.
ULUSLARARASI HAKEMLİ MÜHENDİSLİK VE FEN BİLİMLERİ DERGİSİ, vol.15, no.15, pp.90-112, 2021 (Peer-Reviewed Journal)
- VIII. **Investigation of Flow Forming Process and Heat Treatment Effects on 2024 Aluminium Tubes**
KOCABIÇAK A. C., KARAKAŞ A., GÜNEŞ A., YALÇINKAYA S.
Lecture Notes in Mechanical Engineering", "Proceedings of the 8th International Conference on Fracture, Fatigue and Wear, vol.8, no.8, pp.129-138, 2021 (Peer-Reviewed Journal)
- IX. **Flow Forming Process for Annealed AISI 5140 Alloy Steel Tubes**
KARAKAŞ A., KOCABIÇAK A. C., YALÇINKAYA S., ŞAHİN Y.
Lecture Notes in Mechanical Engineering", "Proceedings of the 8th International Conference on Fracture, Fatigue and Wear, vol.8, no.8, pp.153-164, 2021 (Peer-Reviewed Journal)
- X. **TITANIUM IMPLANT FOR DENTAL APPLICATIONS USING 3D PRINTING TECHNOLOGY**
AYGÜL E., YALÇINKAYA S., ŞAHİN Y.
International Journal of 3D Printing Technologies and Digital Industry, vol.4, no.2, pp.171-177, 2020 (Peer-Reviewed Journal)
- XI. **MEMS Fabrication using 2PP Technique Based 3D Printer**
ERTUĞRUL İ., AKKUŞ N., AYGÜL E., YALÇINKAYA S.
International Journal of 3D Printing Technologies and Digital Industry, vol.4, no.1, pp.12-17, 2020 (Peer-Reviewed Journal)
- XII. **MEMS Fabrication using PµSL Technique Based 3D Printer**
ERTUĞRUL İ., AKKUŞ N., AYGÜL E., YALÇINKAYA S., ERTUNÇ H. M.
International Journal of 3D Printing Technologies and Digital Industry, vol.4, no.1, pp.38-43, 2020 (Peer-Reviewed Journal)
- XIII. **"OPTICAL 3D SCANNER TECHNOLOGY"**
YALÇINKAYA S., YILDIZ B., BORAK M.
International Journal of 3D Printing Technologies and Digital Industry, vol.3, pp.67-75, 2019 (Peer-Reviewed Journal)

- XIV. **Investigation of Microstructure, Mechanical and Temperature Effects on Biomedical Co-25Cr-9, 5W-3, 5Mo-1Si alloys fabricated by Additive Manufacturing**
Aygül E., Yalçinkaya S., Şahin Y.
PREPRINTS 2019, vol.1, no.1, pp.34-48, 2019 (Peer-Reviewed Journal)
- XV. **THE EFFECT OF LOAD ON THE TRIBOLOGICAL PROPERTY OF POLYACETAL AND METALLOGRAPHIC OBSERVATION**
ŞAHİN Y., YALÇINKAYA S., Mirzayev H.
Proceedings of the International Symposium of Mechanism and Machine Science, vol.1, no.1, pp.167-174, 2017 (Peer-Reviewed Journal)
- XVI. **STUDY OF THE SURFACE FINISH WHEN TURNING HARDENED STEELS**
ŞAHİN Y., YALÇINKAYA S.
Journal of International Scientific Publications, vol.11, 2017 (Peer-Reviewed Journal)
- XVII. **"Metal İşlemede Yüksek Hassasiyetli Kesici Uç ve Kesici Takımlar"**
YALÇINKAYA S.
ST Makina, pp.8-12, 2016 (Peer-Reviewed Journal)
- XVIII. **"Yüzey Taşlama Sürecinde Kullanılan Alternatif Soğutma Sıvıları" – Alternative Cooling Fluids Used for Surface Grinding**
YALÇINKAYA S.
Kalıp Dünyası Dergisi, vol.16, pp.114-121, 2016 (Peer-Reviewed Journal)
- XIX. **" Application of Taguchi Technique to Surface Grinding of Mold Steel "**
ŞAHİN Y., YALÇINKAYA S.
Key Engineering Materials, vol.689, pp.7-11, 2016 (Scopus)
- XX. **"AYAKKABI TABAN KALIBI TASARIMI VE İMALAT AŞAMALARI"**
YALÇINKAYA S.
Kalıp Dünyası Dergisi-Mold Processing Technology Components-Machine Tools Automasion, Software and Quality Control, vol.16, pp.98-104, 2016 (Peer-Reviewed Journal)
- XXI. **"METAL İŞLEMEDE HASSAS-PARLAK TAŞLAMA İŞLEMİ"**
YALÇINKAYA S.
Demir-Çelik Store - Demir, Çelik Metal Mamülleri ve İmalat Sanayii Sektör Dergisi, vol.10, pp.180-186, 2016 (Peer-Reviewed Journal)
- XXII. **Dry Sliding Wear Behaviour of Polyamides by Taguchi Method**
ŞAHİN Y., YALÇINKAYA S.
Key Eng. Mater, vol.689, no.2, pp.81-85, 2016 (Peer-Reviewed Journal)
- XXIII. **"Makina Metal İşlemede Silindirik İç Delik Taşlama İşlemleri"**
YALÇINKAYA S.
Demir- Çelik Store, Demir, Çelik Metal Mamülleri ve İmalat Sanayii Sektör Dergisi, vol.10, pp.170-178, 2016 (Peer-Reviewed Journal)
- XXIV. **"Kesme Kalıplarında Kesme Boşluğu Kesme Boşluğunun Bozulma Nedenleri ve Çözüm Önerileri "**
YALÇINKAYA S.
KALIP STORE Mold and Mold Technologies Magazine, vol.4, pp.122-126, 2016 (Peer-Reviewed Journal)
- XXV. **"ABRASIVE WATER JET DESIGNS IN INDUSTRY"**
YAZICIOĞLU O., YALÇINKAYA S.
Mühendis ve Makina, 2003 (Peer-Reviewed Journal)
- XXVI. **Endüstride aşındırıcılı su jeti tasarımları**
YAZICIOĞLU O., YALÇINKAYA S.
Mühendis ve Makina, vol.44, no.522, 2003 (Peer-Reviewed Journal)
- XXVII. **" Modern üretimde sayısal kontrollü (NC-CNC) takım tezgahları, endüstriyel üretimde kullanımının avantajları ve çözüm bekleyen sorunlar ",**
YALÇINKAYA S., BALKI E.
Makina&Metal, vol.12, 2001 (Peer-Reviewed Journal)

Books

- I. **MÜHENDİSLİK YAKLAŞIMLI İŞLETME YÖNETİMİ UYGULAMALARI: LİTERATÜR ARAŞTIRMASI**
Korkmaz M., YALÇINKAYA S., YAMAN Z.
in: MÜHENDİSLİK, TEKNOLOJİ, MİMARLIK VE TASARIMDA YENİLİKÇİ YAKLAŞIMLAR, GÜLLÜ Abudulkadir, ÇİZMECİOĞLU Zeki, YALÇINKAYA Senai, Editor, GÜVEN PLUS GRUP DANIŞMANLIK A.Ş. YAYINLARI, İstanbul, pp.35-72, 2023
- II. **TEKNOLOJİK GELİŞMELER VE MÜHENDİSLİK UYGULAMALARI**
HARMAN G., ALTUNTAŞ G., BOSTAN B., ÇIPLAK A. Y., BİLGİN A. S., KULLUKÇU A., DÖŞEME R., KURT M. M., YAZICIOĞLU O., BAYRAMOĞLU K., et al.
<https://www.guvenplus.com.tr/guven-yayincilik/116/bilimsel-kitaplar>, İstanbul, 2022
- III. **MÜHENDİSLİK, MİMARLIK, TASARIMDA TEORİ, UYGULAMA VE ARAŞTIRMALAR**
YALÇINKAYA S., ÖNER A., MOTORCU A. R., GÖKKAYA H., GÜVEN S., ILICALI M., ERGİN M. E., KARABACAĞOĞLU B., KÜÇÜKALİ U. F., KARA A., et al.
Güven Plus Grup A.Ş. Yayınları: 14/2022 20 ARALIK 2022, İstanbul, 2022
- IV. **"MODERN İMALAT TEKNİKLERİ VE YAKLAŞIMLARI"**
YALÇINKAYA S., ÖNER A.
in: MÜHENDİSLİK, MİMARLIK, TASARIMDA TEORİ, UYGULAMA VE ARAŞTIRMALAR, Ali Rıza MOTORCU, Ashok JAMMI, Senai YALÇINKAYA, Editor, Güven Plus Group Inc. Publications: 49/2022 15 DECEMBER 2022 Publisher Certificate No: 52866, İstanbul, pp.195-240, 2022
- V. **İÇTEN YANMALI MOTORLARDA MEYDANA GELEN GELİŞMELER**
TURGUT M. R., YALÇINKAYA S.
in: TEKNOLOJİK GELİŞMELER VE MÜHENDİSLİK UYGULAMALARI, Abdulkadir GÜLLÜ, Rakesh JAIN, Senai YALÇINKAYA, Editor, <https://www.guvenplus.com.tr/guven-yayincilik/116/bilimsel-kitaplar>, İstanbul, pp.181-213, 2022
- VI. **"AN EVALUATION ON THE PRINCIPLES OF TRIBOLOGY AND USAGE IN WEAR APPLICATIONS"**
DOĞAN E., YALÇINKAYA S., KURTULMUŞ M.
in: INNOVATIVE TECHNOLOGY APPLICATIONS IN ENGINEERING SCIENCES, Rakesh JAIN, Abdulkadir GÜLLÜ, Senai YALÇINKAYA, Editor, Güven Plus Group Inc. Publications: 23/2022 20 DECEMBER 2022, İstanbul, pp.74-96, 2022
- VII. **"INVESTIGATION OF THE EFFECTS OF COATED AND UNCOATED DRILLS ON HOLE QUALITY IN DRILLING OF STEEL USED IN MOLDING"**
YALÇINKAYA S., ÖNER A., BAŞIHOŞ B.
in: INNOVATIVE TECHNOLOGY APPLICATIONS IN ENGINEERING SCIENCES, Rakesh JAIN, Abdulkadir GÜLLÜ, Senai YALÇINKAYA, Editor, Güven Plus Group Inc. Publications: 49/2022 20 DECEMBER 2022 Publisher Certificate No: 52866, İstanbul, pp.115-139, 2022
- VIII. **INTERNATIONAL INNOVATIVE APPROACHES IN ENGINEERING & TECHNOLOGY**
Yalçinkaya S., Şahin Y., Öner A., Yıldırım G.
Güven Plus Group Inc. Publications: 49/2021 15 DECEMBER 2021 Publisher Certificate No: 52866, İstanbul, 2021
- IX. **ENGINEERING AND TECHNOLOGY MANAGEMENT**
YALÇINKAYA S., GÜLLÜ A., YILDIRIM G., YAMAN Z.
Güven Plus Group Inc. Publications: 49/2021 15 DECEMBER 2021 Publisher Certificate No: 52866, İstanbul, 2021
- X. **MÜHENDİSLİK VE MULTİDİSİPLİNER YAKLAŞIMLAR**
YALÇINKAYA S. (Editor), GÜLLÜ A. (Editor)
Güven Plus Group Inc. Publications: 49/2021 15 DECEMBER 2021 Publisher Certificate No: 52866, İstanbul, 2021
- XI. **MALZEME TEKNOLOJİSİ VE TASARIM BİLİMLERİNE YENİ YAKLAŞIMLAR**
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4th International Congress on 3D Printing (Additive Manufacturing) Technologies and Digital Industry 2019. 11 - 14 APRİL, 2019, ANTALYA, TR., Antalya, Turkey, 11 - 14 April 2019, vol.4, (Full Text)
- LXXXVIII. **"FINITE ELEMENT ANALYSIS OF FORCES SUBJECTED TO HOTEND AND NOZZLE PART IN 3D PRINTERS"**
YALÇINKAYA S., ŞEN M., CANÇELİK E.
4th International Congress on 3D Printing (Additive Manufacturing) Technologies and Digital Industry 2019 11 - 14 APRİL, 2019, ANTALYA, TR, Antalya, Turkey, 11 - 14 April 2019, vol.4, (Full Text)
- LXXXIX. **"MANUFACTURING OF Co-Cr AND Co-Cr-Mo ALLOYS BY SLM TECHNIQUES AND MEASUREMENT OF MICRO HARDNESS/ DENSITY VALUES USED IN MEDICAL APPLICATION"**
YALÇINKAYA S., AYGUL E., ŞAHİN Y.
4th International Congress on 3D Printing (Additive Manufacturing) Technologies and Digital Industry 2019 11 - 14 APRİL, 2019, ANTALYA, TR, Antalya, Turkey, 11 - 14 April 2019, vol.4, (Full Text)
- XC. **AT THE 3D PRINTER SLA RESIN PRINTING**
YALÇINKAYA S., ŞEN M., GÜRDAL O.
4th International Congress on 3D Printing (Additive Manufacturing) Technologies and Digital Industry 2019, Antalya, Turkey, 11 - 14 April 2019, vol.1, pp.971-986, (Full Text)
- XCI. **"GREAT SCALE PRINTING SOLUTION WITH FREE 3D"**
YALÇINKAYA S., ŞEN M.
4th International Congress on 3D Printing (Additive Manufacturing) Technologies and Digital Industry 2019 11 - 14 APRİL, 2019, ANTALYA, TR, Antalya, Turkey, 11 - 14 April 2019, vol.4, (Full Text)
- XCII. **"Titanium Implant for Dental Applications Using 3D Technology"**
YALÇINKAYA S., AYGUL E., ŞAHİN Y.
3rd International Congress on 3D Printing (Additive Manufacturing) Technologies and Digital Industry 2018, Antalya, Turkey, 19 - 21 April 2018, vol.1, pp.319-321, (Full Text)
- XCIII. **OPTICAL 3D SCANNER TECHNOLOGY**
YALÇINKAYA S., YILDIZ B., BORAK M.
3rd International Congress on 3D Printing (Additive Manufacturing) Technologies and Digital Industry 2018, Antalya, Turkey, 19 - 21 April 2018, vol.1, pp.322-323, (Full Text)
- XCIV. **A RESEARCH FOR WEAR BEHAVIOURS OF COATED CUTTING TOOLS: A MINI REVIEW**
YALÇINKAYA S., ÜSTÜNDAĞ A., KOCABIÇAK A. C.
2ND INTERNATIONAL CONFERENCE ON TRIBOLOGY TURKEY TRİB'18, İstanbul, Turkey, 18 - 20 April 2018, vol.1, pp.215-217, (Summary Text)
- XCv. **"Plane Surface Grinding Implementation of Experimental Design and Optimal Solutions with the Taguchi Method"**
YALÇINKAYA S.
TURKEY TRİB'18, 2ND INTERNATIONAL CONFERENCE ON TRIBOLOGY, İstanbul, Turkey, 18 - 20 April 2018, vol.1, pp.214-215, (Summary Text)
- XCVI. **THE MODELING OF SPECIAL MANUFACTURING MATERIALS BY USING 3D LASER SCANNING AND MEASURING TECHNOLOGY**
YALÇINKAYA S., KOCABIÇAK A. C.
3rd INTERNATIONAL CONGRESS ON 3D PRINTING TECHNOLOGIES AND DIGITAL INDUSTRY 2018, Antalya, Turkey, 19 - 21 April 2018, vol.1, pp.68-70, (Full Text)
- XCvII. **MANUFACTURING OF Co-Cr AND Co-Cr-Mo ALLOYS BY SLM TECHNIQUES AND MEASUREMENT OF MICROHARDNESS/ DENSITY VALUES USED IN MEDICAL APPLICATION**
Aygül E., Yalçinkaya S., Şahin Y.
4th International Congress on 3D Printing (Additive Manufacturing) Technologies and Digital Industry 2019,

Antalya, Turkey, 11 - 14 April 2019, pp.886-896, (Full Text)

XCVIII. INVESTIGATION OF FRICTION COEFFICIENT FOR SLIDING BEARINGS

MİRZAYEV H., ŞAHİN Y., YALÇINKAYA S.

9. International Conference on Tribology (BalkanTrib'17), Capodokya, Turkey, 13 - 15 September 2017, (Full Text)

XCIX. THE EFFECT OF LOAD ON THE TRIBOLOGICAL PROPERTY OF POLYACETAL AND METALLOGRAPHIC OBSERVATION

ŞAHİN Y., YALÇINKAYA S., MİRZAYEV H.

Proceedings of the International Symposium of Mechanism and Machine Science, AzCIFTtoMM – Azerbaijan Technical University, Baku, Azerbaijan, 11 - 14 September 2017, (Full Text)

C. " INVESTIGATION OF FRICTION COEFFICIENT FOR SLIDING BEARINGS "

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CI. "THE EFFECT OF LOAD ON THE TRIBOLOGICAL PROPERTY OF POLYACETAL AND METALLOGRAPHIC OBSERVATION"

ŞAHİN Y., YALÇINKAYA S., MİRZAYEV H.

PROCEEDINGS OF THE SECOND INTERNATIONAL SYMPOSIUM OF MECHANISM AND MACHINE SCIENCE (ISMMS-2017) 11-14 September 2017, AzTU, Baku, Azerbaijan, Baku, Azerbaijan, 11 - 14 September 2017, pp.167-174, (Full Text)

CII. " STUDY OF THE SURFACE FINISH WHEN TURNING HARDENED STEELS "

ŞAHİN Y., YALÇINKAYA S.

<https://www.sciencebg.net/en/conferences/materials-methods-and-technologies/>, Burgas, Bulgaria, 26 - 30 June 2017, (Full Text)

CIII. "Evaluation of Surface Roughness of AISI H10 Hot Working Steel"

YALÇINKAYA S.

IBERTRIB 2017- IX Iberian Conference on Tribology, University of Minho, Guimaraes, Portugal, 11 - 13 June 2017, (Full Text)

CIV. "CORROSION AND SURFACE PROTECTION IN MACHINE MATERIALS FRICTION HAVE DIFFERENT SURFACE PAIRS EXPERIMENTAL INVESTIGATION OF FACTORS"

YALÇINKAYA S.

SYMECH 2017 -Targu jiu, Gorj, Romania, 11 - 12 May 2017, vol.1, pp.3-12, (Full Text)

CV. "Technology of Future 3D Printing"

YALÇINKAYA S.

2017 The International Conference on Advanced Materials Research, HONG KONG, China, 20 - 22 January 2017, (Full Text)

CVI. " Effects of Different Cooling Fluids on Grinding of AISI 33XX Nickel Alloyed Steels in Plane Process Based on Experimentally "

YALÇINKAYA S.

7. ULUSLARARASI TALAŞLI İMALAT SEMPOZYUMU (UTİS 2016)/ 7th INTERNATIONAL SYMPOSIUM ON MACHINING (UTIS 2016), İstanbul, Turkey, 3 - 05 November 2016, pp.315-323, (Full Text)

CVII. Study on surface finish of AISI 2080 steel based on the Taguchi method

Yalcinkaya S., Sahin Y.

13th International Conference on Tribology (ROTRIB), Galati, Romania, 22 - 24 September 2016, vol.174, (Full Text)

CVIII. " Study on Surface Finish of AISI 2080 Steel Based on the Taguchi Method "

YALÇINKAYA S., ŞAHİN Y.

13th International Conference on Tribology, Galati, Romania, 22 - 24 September 2016, (Full Text)

CIX. " PİSTONLU KOMPRESÖRLERDE HONLAMA YÖNTEMİ İLE SİLİNDİR YÜZEY PÜRÜZLÜLÜKLERİNİN DENEYSEL İNCELENMESİ "

Yalcinkaya S.

17th International Conference on Machine Design and Production (UMTİK 2016), Bursa, Turkey, 12 - 15 July 2016, vol.17, no.17, pp.123-147, (Full Text)

CX. "Optimization of production Planning for a Sock Knitting Machine Using Linear Programming Method"

YALÇINKAYA S.

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CXI. " The Experimental Investigation of Wear Mechanism of Centrifugal Pumps "

YALÇINKAYA S., CEBECİ O.

17th International Conference on Machine Design and Production (UMTİK 2016), Bursa, Turkey, 12 - 15 July 2016, (Full Text)

Funded Projects

Yalçinkaya S., Project Supported by Higher Education Institutions, İNCE CİDARLI KAFES YAPILARIN ENERJİ SÖNÜMLEME PERFORMANSININ ARTIRILMASININ EKLEMELİ İMALATTA TASARIM VE UYGULAMASI, 2022 - 2023

Yalçinkaya S., Project Supported by Higher Education Institutions, ÖZEL İMALAT KARBÜR, EXT-CrN VE TiSiN KAPLI FREZE UÇLARININ DENEY TASARIMI YÖNTEMİ İLE PERFORMANSININ OPTİMİZASYONU, 2018 - 2019

Yalçinkaya S., Project Supported by Higher Education Institutions, ÖZEL İMALAT KARBÜR VE TİN KAPLI MATKAP UÇLARININ DENEY TASARIMI YÖNTEMİYLE PERFORMANSININ OPTİMİZASYONU, 2017 - 2019

Yalçinkaya S., Project Supported by Higher Education Institutions, Biyomedikal uygulamalar için saf titanyum/magnezyum ve bunların alaşımlarının toz metalurjisi yöntemi ile geliştirilmesi ve uygulanabilirliğinin araştırılması, 2017 - 2019

Yalçinkaya S., Project Supported by Higher Education Institutions, BİYOMEDİKAL UYGULAMALAR İÇİN SAF TİTANYUM / MAGNEZYUM VE BUNLARIN ALAŞIMLARININ TOZ METALURJİSİ YÖNTEMİ İLE GELİŞTİRİLMESİ VE UYGULANABİLİRLİĞİNİN ARAŞTIRILMASI, 2017 - 2019

Yalçinkaya S., Project Supported by Higher Education Institutions, Technology of Future 3D Printing (Proje No:FEN-D-110117-0025), 2017 - 2018

Activities in Scientific Journals

ULUSLARARASI HAKEMLİ MÜHENDİSLİK VE FEN BİLİMLERİ DERGİSİ, Editor, 2021 - Continues

Gazi University Journal of Science Part A: Engineering and Innovation, Editor, 2020 - Continues

Surface Review And Letters, Committee Member, 2020 - Continues

Proceedings Of The Institution Of Mechanical Engineers Part E-Journal Of Process Mechanical Engineering, Committee Member, 2020 - Continues

European Mechanical Science, Committee Member, 2020 - Continues

International Journal of Engineering Technologies IJET, Committee Member, 2020 - Continues

International Journal of Advances in Engineering and Pure Sciences, Committee Member, 2020 - Continues

International Periodical of Recent Technologies in Applied Engineering, Committee Member, 2020 - Continues

Bilecik Şeyh Edebali Üniversitesi Fen Bilimleri Dergisi, Committee Member, 2020 - Continues

International Journal of 3D Printing Technologies and Digital Industry, Publication Committee Member, 2019 - Continues

International Journal of 3D Printing Technologies and Digital Industry (IJ3DPTDI), Publication Committee Member, 2018 - Continues

International Journal of 3D Printing Technologies and Digital Industry, Publication Committee Member, 2018 - Continues
AUTOMATION TÜRKİYE (2018 KATALOĞU), AUTOMASYON,ROBOTİC, MACHİNE AND KONTROL SYSTEMS CATALOGUE., Publication Committee Member, 2018 - Continues

Demir-Çelik Store - Demir, Çelik Metal Mamülleri ve İmalat Sanayii Sektör Dergisi, Publication Committee Member, 2016 - Continues

MAKİNA STORE Makina/ Metal İşleme/ Otomasyon& İmalat Sanayi Dergisi, Publication Committee Member, 2016 - Continues
ST MAKİNE ENDÜSTRİ DERGİSİ, Publication Committee Member, 2016 - Continues
KALIP STORE- Mold and Mold Technologies Magazine, Publication Committee Member, 2016 - Continues
Metal-Makina Dergisi, Publication Committee Member, 2014 - Continues
Kalıp Dünyası Dergisi-Mold Processing Technology Components, Publication Committee Member, 2011 - Continues
PACKWORLD TURKİYE DERGİSİ, Publication Committee Member, 2010 - Continues
(2017) " The International Conference on Materials research", HONG KONG,, Publication Committee Member, 2017 - 2018
The 8th International Conference on Advanced Materials Research With workshops ofThe 2nd International Conference on Civil andBuilding Materials International Conference on Advanced Energy Materials, Publication Committee Member, 2017 - 2018
Ceramics International, Publication Committee Member, 2017 - 2017
Makina&Metal Dergisi, Publication Committee Member, 2001 - 2004

Peer Reviews in Scientific Publications

Sigma Journal Of Engineering And Natural Sciences, Other Indexed Journal, February 2021
International Journal of Automotive and Mechanical Engineering (IJAME), Other Indexed Journal, January 2021
International Journal of Engineering Technologies, Other Indexed Journal, December 2020
Sigma Journal of Engineering and Natural Sciences, Other Indexed Journal, November 2020
PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART E-JOURNAL OF PROCESS MECHANICAL ENGINEERING, SCI Journal, October 2020
International Journal of Advances in Engineering and Pure Sciences, Journal Indexed in ESCI, September 2020
International Journal of 3D Printing Technologies and Digital Industry, Journal Indexed in ESCI, September 2020
European Mechanical Science, Journal Indexed in ESCI, June 2020
International Periodical of Recent Technologies in Applied Engineering, Journal Indexed in ESCI, March 2020
Bilecik Şeyh Edebali Üniversitesi Fen Bilimleri Dergisi, Journal Indexed in ESCI, January 2020
3D PRINTING AND ADDITIVE MANUFACTURING, Journal Indexed in AHCI, March 2019
CERAMICS INTERNATIONAL, SCI Journal, July 2017

Roles in Event Organizations

Yalçinkaya S., 10. ULUSLARARASI MÜHENDİSLİK VE TEKNOLOJİ YÖNETİMİ KONGRESİ 2023, (10th INTERNATIONAL CONGRESS ON ENGINEERING AND TECHNOLOGY MANAGEMENT), Scientific Congress, İstanbul, Turkey, Ekim 2023
Yalçinkaya S., MÜHENDİSLİK VE FEN BİLİMLERİ KONGRESİ 2023 - (INTERNATIONAL CONGRESS ON ENGINEERING AND SCIENCES 2023), Scientific Congress, İstanbul, Turkey, Mart 2023
Yalçinkaya S., Kalaycıoğlu H., Güllü A., 3th International Congress on Engineering Sciences and Multidisciplinary Approaches, Scientific Congress, İstanbul, Turkey, Şubat 2022
Yalçinkaya S., Çizmecioğlu Z., Kalaycıoğlu H., 6th INTERNATIONAL CONGRESS ON ARCHITECTURE AND DESIGN, Scientific Congress, İstanbul, Turkey, Aralık 2021
Onat A., Yalçinkaya S., Yaman Ç., Aytaç A., 7th INTERNATIONAL CONGRESS ON OCCUPATIONAL SAFETY AND HEALTH, Scientific Congress, İstanbul, Turkey, Aralık 2021
Yalçinkaya S., Gerengi H., Kalaycıoğlu H., Bilge Ocak S., 8th INTERNATIONAL CONGRESS ON ENGINEERING, ARCHITECTURE AND DESIGN, Scientific Congress, İstanbul, Turkey, Aralık 2021
Onat A., Yalçinkaya S., Şahin Y., 6thINTERNATIONAL CONGRESS ON ENGINEERING AND TECHNOLOGY MANAGEMENT, Scientific Congress, İstanbul, Turkey, Kasım 2021
Yalçinkaya S., IRCONTECS2021- 2nd INTERNATIONAL RESEARCH CONFERENCE ON TECHNOLOGY,ENGINEERING CULTURE AND SOCIETY, Scientific Congress, Naga, Philippines, Ekim 2021

Yalçinkaya S., Güllü A., Kalaycıoğlu H., Gültaş A., Altın A., Yılmaz B., 2th International Congress on Engineering Sciences and Multidisciplinary Approaches, Scientific Congress, İstanbul, Turkey, Eylül 2021

Yalçinkaya S., ALTERNATIVE ENERGY SOURCES, MATERIALS AND TECHNOLOGIES (AESMT'21), Scientific Congress, Ruse, Bulgaria, Haziran 2021

Yalçinkaya S., Çizmecioğlu Z., Kalaycıoğlu H., 5th INTERNATIONAL CONGRESS ON ARCHITECTURE AND DESIGN, Scientific Congress, İstanbul, Turkey, Mayıs 2021

Yalçinkaya S., Sağbaş A., Motorcu A. R., 7th INTERNATIONAL CONGRESS ON ENGINEERING, ARCHITECTURE AND DESIGN, Scientific Congress, İstanbul, Turkey, Mayıs 2021

Yalçinkaya S., Kalaycıoğlu H., Çizmecioğlu Z., Dikicioğlu A., 5th INTERNATIONAL CONGRESS ON ENGINEERING AND TECHNOLOGY MANAGEMENT, Scientific Congress, İstanbul, Turkey, Nisan 2021

Yalçinkaya S., Güllü A., 1th International Congress on Engineering Sciences and Multidisciplinary Approaches, 23-24 February 2021, Scientific Congress, İstanbul, Turkey, Şubat 2021

Yalçinkaya S., 6 th INTERNATIONAL CONGRESS ON ENGINEERING, ARCHITECTURE AND DESIGN, Scientific Congress, İstanbul, Turkey, Aralık 2020

Yalçinkaya S., 4 th INTERNATIONAL CONGRESS ON ARCHITECTURE AND DESIGN, Scientific Congress, İstanbul, Turkey, Aralık 2020

Yalçinkaya S., 4th INTERNATIONAL CONGRESS ON ENGINEERING AND TECHNOLOGY MANAGEMENT., Scientific Congress, İstanbul, Turkey, Kasım 2020

Yalçinkaya S., 5RD INTERNATIONAL CONGRESS ON ENGINEERING, ARCHITECTURE AND DESIGN, Scientific Congress, İstanbul, Turkey, Aralık 2019

Yalçinkaya S., 3rd INTERNATIONAL CONGRESS ON ENGINEERING AND TECHNOLOGY MANAGEMENT , Scientific Congress, İstanbul, Turkey, Mayıs 2019

Yalçinkaya S., 4th International Congress on 3D Printing (Additive Manufacturing) Technologies and Digital Industry 2019., Scientific Congress, Antalya, Turkey, Nisan 2019

Yalçinkaya S., 4th International Conference on Mechanical Design and Engineering, EI Compendex, Scopus, 2018., Scientific Congress, Beijing, China, Mart 2018

Yalçinkaya S., 1. International Turkish World Engineering and Science Congress. 2017., Scientific Congress, Antalya, Turkey, Aralık 2017

Yalçinkaya S., The 8 th International Conference on Advanced Materials Research (ICAMR 2017) 2017, Scientific Congress, Kowloon, Hong Kong, Ocak 2017

Metrics

Publication: 186

Citation (WoS): 10

Citation (Scopus): 106

H-Index (WoS): 9

H-Index (Scopus): 6

Congress and Symposium Activities

2nd International Materials Engineering and Advanced Manufacturing Technologies Congress (IMEAMTC'23) 12-13 JANUARY 2023 İSTANBUL, Session Moderator, İstanbul, Turkey, 2023

2nd International Materials Engineering and Advanced Manufacturing Technologies Congress (IMEAMTC'23) 12-13 JANUARY 2023 İSTANBUL, Moderator, İstanbul, Turkey, 2023

3rd International Congress on Engineering Sciences and Multidisciplinary Approaches, Moderator, İstanbul, Turkey, 2022

3th International Congress on Engineering Sciences and Multidisciplinary Approaches 10-11 FEBRUARY 2022, Session Moderator, İstanbul, Turkey, 2022

6th INTERNATIONAL CONGRESS ON ARCHITECTURE AND DESIGN, Session Moderator, İstanbul, Turkey, 2021

8th INTERNATIONAL CONGRESS ON ENGINEERING, ARCHITECTURE AND DESIGN, Session Moderator, İstanbul, Turkey, 2021

6th INTERNATIONAL CONGRESS ON ENGINEERING AND TECHNOLOGY MANAGEMENT, Session Moderator, İstanbul, Turkey, 2021

2rd International Congress on Engineering Sciences and Multidisciplinary Approaches, Session Moderator, İstanbul, Turkey, 2021

5th INTERNATIONAL CONGRESS ON ARCHITECTURE AND DESIGN, Session Moderator, İstanbul, Turkey, 2021

7th INTERNATIONAL CONGRESS ON ENGINEERING, ARCHITECTURE AND DESIGN, Session Moderator, İstanbul, Turkey, 2021

5 th INTERNATIONAL CONGRESS ON ENGINEERING AND TECHNOLOGY MANAGEMENT, Session Moderator, İstanbul, Turkey, 2021

International Congress on Engineering Sciences and Multidisciplinary Approaches, Session Moderator, İstanbul, Turkey, 2021

5RD INTERNATIONAL CONGRESS ON ENGINEERING, ARCHITECTURE AND DESIGN,21-22 December İstanbul/ TURKEY, Session Moderator, İstanbul, Turkey, 2019

İNTERNATİONAL CONGRESS OF ACADEMİC RESEARCH (ICARCONGRESS 2019) TURKEY, Bolu, Türkiye, 16 - 18 Eylül 2019, Working Group, Bolu, Turkey, 2019

4th International Congress on 3D Printing (Additive Manufacturing) Technologies and Digital Industry 2019 , Moderator, Antalya, Turkey, 2019

TURKEYTRİB'18, 2ND INTERNATIONAL CONFERENCE ON TRIBOLOGY, İstanbul, Türkiye, 18 - 20 Nisan 2018, Working Group, İstanbul, Turkey, 2018

3rd International Congress on 3D Printing (Additive Manufacturing) Technologies and Digital Industry 2018 19 - 21 APRİL, 2018, ANTALYA, TR, Moderator, Antalya, Turkey, 2018

4th Int. Conf. on Mechanical Design and Engineering, EI Compendex, Scopus,Wednesday, 28 March 2018,Beijing,China, Working Group, Beijing, China, 2018

1. International Turkish World Engineering and Science Congress. 7-10 DECEMBER 2017. Antalya. TR., Working Group, Antalya, Turkey, 2017

PROCEEDİNGS OF THE SECOND INTERNATIONAL SYMPOSIUM OF MECHANISM AND MACHİNE SCIENCE (ISMMS-2017) 11-14 September 2017, AzTU, Baku,Azerbaijan, BAKU, 2017., Working Group, Baku, Azerbaijan, 2017

9. International Conference on Tribology (BalkanTRİb'17), Capodokya, Nevşehir,Türkiye, 13 - 15 Eylül 2017, Moderator, Nevşehir, Turkey, 2017

IBERTRIB 2017- IX Iberian Conference on Tribology, University of Minho, Guimaraes, PORTO, PORTEKİZ, 11 - 13 Haziran 2017, Working Group, Porto, Portugal, 2017

The 8 th International Conference on Advanced Materials Research (ICAMR 2017) 2017, January 20-22, Hong Kong, Session Moderator, Victoria-City, Hong Kong, 2017

7. ULUSLARARASI TALAŞLI İMALAT SEMPOZYUMU (UTİS 2016)/ 7th INTERNATIONAL SYMPOSIUM ON MACHINING (UTIS 2016), İstanbul, Türkiye, 3 - 05 Kasım 2016., Working Group, İstanbul, Turkey, 2016

13th International Conference on Tribology (ROTRIB 2016), Galati, Romanya, 22 - 24 Eylül 2016, , Working Group, Galati, Romania, 2016

17th International Conference on Machine Design and Production (UMTİK 2016), Bursa, Türkiye, 12 - 15 Temmuz 2016, Working Group, Bursa, Turkey, 2016

The International Conference on Advanced Materials Research, ICAMR 2016 Turin, Italy | January 22-24, 2016, Working Group, Turin, Italy, 2016

Invited Talks

MARMARAY DEMİRYOLU HATTINDA RAY KUSURLARININ ULTRASONİK YÖNTEMLE İNCELENMESİ VE RAY KUSURLARININ TESPİTİ, Conference, 6th INTERNATIONAL ACADEMIC STUDENT STUDIES CONGRESS, Turkey, April 2022

3th International Congress on Engineering Sciences and Multidisciplinary Approaches 10-11 FEBRUARY 2022 İSTANBUL, Conference, 3th International Congress on Engineering Sciences and Multidisciplinary Approaches 10-11 FEBRUARY 2022 İSTANBUL, Turkey, February 2022

2nd International Research Conference on Technology,Engineering,Culture and Society,12-14 October 2021, PHİLİPPİNES. "Topic: Latest Trends on Technology and Engineering Designs for Climate Change Adaptation". Conference, 2nd International Research Conference on Technology,Engineering,Culture and Society,12-14 October,PHİLİPPİNES, Philippines, October 2021

1th.INTERNATIONAL CONGRESS ON ENGINEERING SCIENCES AND MULTIDISCIPLINARY APPROACHES, Conference, INTERNATIONAL CONGRESS ON ENGINEERING SCIENCES AND MULTIDISCIPLINARY APPROACHES, Turkey, February 2021

INTERNATIONAL CONGRESS ON MEDICAL 1 th SCIENCES AND MULTIDISCIPLINARY APPROACHES, Conference, 1 th. INTERNATIONAL CONGRESS ON MEDICAL SCIENCES AND MULTIDISCIPLINARY APPROACHES, Turkey, February 2021

4 th INTERNATIONAL CONGRESS ON NURSING AND INNOVATION, Conference, ORP DANIŞMANLIK VE ORGANİZASYON, Turkey, December 2020

4 th International Congress on Students Academic Students, Conference, ORP DANIŞMANLIK VE ORGANİZASYON, Turkey, December 2020

6 th INTERNATIONAL CONGRESS ON ENGINEERING, ARCHITECTURE AND DESIGN, Conference, ORP DANIŞMANLIK VE ORGANİZASYON, Turkey, December 2020

4 th INTERNATIONAL CONGRESS ON ENGINEERING AND TECHNOLOGY MANAGEMENT, Conference, ORP DANIŞMANLIK VE ORGANİZASYON, Turkey, November 2020

ICAMR 2017. The 7.th International Conference on Advanced Materials Research.Hong Kong | January 20-22, 2017, Conference, The 7.th International Conference on Advanced Materials Research, Hong Kong, January 2017

Visual Activities

Yalçınkaya S., ULUSLARARASI HAKEMLİ MÜHENDİSLİK VE FEN BİLİMLERİ DERGİSİ, Journal Publishing, 2021 - Continues

Representation and Promotion Activities

Institutional Promotion, 2. INTERNATIONAL MATERIALS ENGINEERING AND ADVANCED MANUFACTURING TECHNOLOGIES CONGRESS (IMEAMTC'23), Turkey, İstanbul, 2023 - 2023

Non Academic Experience

University of Minho, Doktora Sonrası Araştırma Çalışması

University of Stuttgart, Doktora Sonrası Araştırma Çalışması