

Asst. Prof. EMRE GÖRGÜN

Personal Information

Email: emregorgun@cumhuriyet.edu.tr

Web: <https://avesis.cumhuriyet.edu.tr/emregorgun>

International Researcher IDs

ORCID: 0000-0002-1971-456X

Yoksis Researcher ID: 255512

Education Information

Doctorate, Erciyes University, Fen Bilimleri Enstitüsü, Turkey 2015 - 2019

Postgraduate, Turkey 2008 - 2014

Undergraduate, Turkey 2004 - 2006

Research Areas

Engineering and Technology

Academic Titles / Tasks

Assistant Professor, Sivas Cumhuriyet University, Sivas Teknik Bilimler Meslek Yüksekokulu, 2016 - Continues

Courses

Malzeme Teknolojisi, Associate Degree, 2019 - 2020

Genel Raylı sistem İşletmeciliği, Associate Degree, 2018 - 2019

Genel Raylı sistem İşletmeciliği, Associate Degree, 2018 - 2019

Çekilen Araçlar, Associate Degree, 2018 - 2019

Malzeme Bilimi, Undergraduate, 2019 - 2020

Raylı Sistem Bilgisi, Associate Degree, 2019 - 2020

Malzeme Teknolojisi, Associate Degree, 2019 - 2020

Çekilen Araçlar, Associate Degree, 2018 - 2019

Yüksek Hızlı Tren Mekatroniği - I, Associate Degree, 2019 - 2020

Plastik Şekillendirme ve Kaynak Atölyesi, Associate Degree, 2019 - 2020

Raylı Sistem Bilgisi, Associate Degree, 2019 - 2020

Raylı Sistem Trafiği, Associate Degree, 2018 - 2019

Raylı Sistem Trafiği, Associate Degree, 2018 - 2019

Otomotiv Malzemeleri, Undergraduate, 2018 - 2019

Meslek Teknolojisi - III, Associate Degree, 2019 - 2020

Meslek Teknolojisi - III, Associate Degree, 2019 - 2020

Elektrik Bilgisi, Associate Degree, 2018 - 2019

Malzeme Bilimi, Undergraduate, 2018 - 2019

Elektrik Bilgisi, Associate Degree, 2018 - 2019

Otomotiv Malzemeleri, Undergraduate, 2017 - 2018
Yüksek Hızlı Tren Mekatroniği - I, Associate Degree, 2018 - 2019
Sistem Analizi ve Tasarım, Associate Degree, 2017 - 2018
Tren ve Depo İlişkileri, Associate Degree, 2016 - 2017
Tren ve Depo İlişkileri, Associate Degree, 2016 - 2017
Fren Tekniği, Associate Degree, 2016 - 2017
Fren Tekniği, Associate Degree, 2016 - 2017
Mühendislik Malzemeleri ve İşlenmesi, Undergraduate, 2017 - 2018
Isıtma ve Sıhhi Tesisat Atölyesi, Associate Degree, 2016 - 2017
Isıtma ve Sıhhi Tesisat Atölyesi, Associate Degree, 2016 - 2017
Doğal Gaz Tesisat Atölyesi, Associate Degree, 2017 - 2018
Ölçme Teknolojisi, Associate Degree, 2016 - 2017
Ölçme Teknolojisi, Associate Degree, 2016 - 2017
Doğal Gaz Tesisat Teknolojisi, Associate Degree, 2016 - 2017
Malzeme, Undergraduate, 2016 - 2017
Doğal Gaz Tesisat Atölyesi, Associate Degree, 2016 - 2017
Malzeme, Undergraduate, 2016 - 2017
Ölçme Teknolojisi, Associate Degree, 2016 - 2017
Ölçme Teknolojisi, Associate Degree, 2016 - 2017

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Biocomposites of Poly(Lactic Acid) and Microcrystalline Cellulose: Influence of the Coupling Agent on Thermomechanical and Absorption Characteristics**
GÖRGÜN E., Ali A., Islam M. S.
ACS Omega, vol.9, no.10, pp.11523-11533, 2024 (SCI-Expanded)
- II. **Ultrasonic testing and surface conditioning techniques for enhanced thermoplastic adhesive bonds**
GÖRGÜN E.
Journal of Mechanical Science and Technology, vol.38, no.3, pp.1227-1236, 2024 (SCI-Expanded)
- III. **Numerical analysis of inflow turbulence intensity impact on the stress and fatigue life of vertical axis hydrokinetic turbine**
GÖRGÜN E.
Physics of Fluids, vol.36, no.1, 2024 (SCI-Expanded)
- IV. **Improved methane production from ultrasonically-pretreated secondary sedimentation tank sludge and new model proposal: Time series (ARIMA)**
Şenol H., TÜRK ÇAKIR İ., Bianco F., GÖRGÜN E.
Bioresource Technology, vol.391, 2024 (SCI-Expanded)
- V. **Optimization of temperature and pretreatments for methane yield of hazelnut shells using the response surface methodology**
ŞENOL H., ERŞAN M., GÖRGÜN E.
FUEL, vol.271, 2020 (SCI-Expanded)
- VI. **Ultrasonic testing to measure the stress state of steel parts**
GÖRGÜN E., KARAMIŞ M. B.
JOURNAL OF MECHANICAL SCIENCE AND TECHNOLOGY, vol.33, no.7, pp.3231-3236, 2019 (SCI-Expanded)
- VII. **Wear resistance of Polymethyl Methacrylate (PMMA) with the Addition of Bone Ash, Hydroxylapatite and Keratin**
GÖRGÜN E., AKKUŞ A., KARAMIŞ M. B.
Materials Science and Engineering, vol.295, pp.1-8, 2018 (SCI-Expanded)

Articles Published in Other Journals

- I. **INVESTIGATION OF THE EFFECT OF SMAW PARAMETERS ON PROPERTIES OF AH36 JOINTS AND THE CHEMICAL COMPOSITION OF SEAWATER**
Görgün E.
International Journal of Innovative Engineering Applications, vol.8, no.1, pp.28-36, 2024 (Peer-Reviewed Journal)
- II. **Increasing the Biomethane Yield of Hazelnut By-Products by Low Temperature Thermal Pretreatment**
ŞENOL H., OYAN M., GÖRGÜN E.
Süleyman Demirel Üniversitesi Fen Edebiyat Fakültesi Fen Dergisi, vol.19, no.1, pp.18-28, 2024 (Peer-Reviewed Journal)
- III. **The Investigation of Mechanical Behaviors of Poly Methyl Methacrylate (PMMA) with the Addition of Bone Ash, Hydroxyapatite and Keratin**
Akkus A., GÖRGÜN E.
Advances in Materials, vol.4, no.1, pp.16, 2015 (Peer-Reviewed Journal)

Books & Book Chapters

- I. **CEVAP YÜZEY YÖNTEMİ İLE OPTİMİZASYON YÖNTEMİNİN MALZEME BİLİMİNDE UYGULAMALARI**
ERŞAN M., GÖRGÜN E.
in: Mühendislikte Güncel Araştırmalar, SELEHATTİN BARDAK, Editor, GECE KİTAPLIĞI, Sivas, pp.1-10, 2022

Refereed Congress / Symposium Publications in Proceedings

- I. **INVESTIGATION OF THERMAL PRETREATMENT EFFECT FORANAEROBIC DIGESTION OF HAZELNUT WASTES**
ŞENOL H., ERŞAN M., GÖRGÜN E.
30 AĞUSTOS BİLİMSEL ARAŞTIRMALAR SEMPOZYUMU, 28 - 31 August 2019
- II. **THE MEASUREMENT OF RESIDUAL STRESS ON RAILWAY WHEELS MATERIAL AND ANALYSIS BY LINEAR REGRESSION METHOD**
GÖRGÜN E., KARAMIŞ M. B.
MAS 6th INTERNATIONAL EUROPEAN CONFERENCE ON MATHEMATICS, ENGINEERING, NATURAL MEDICAL SCIENCES, Kiev, Ukraine, 12 - 14 July 2019, pp.151-161
- III. **Wear resistance of Polymethyl Methacrylate (PMMA) with the Addition of Bone Ash, Hydroxyapatite and Keratin**
GÖRGÜN E., AKKUŞ A., KARAMIŞ M. B.
9. International Conference on Tribology (BalkanTRib'17), 13 - 15 September 2017

Supported Projects

Görgün E., Erşan M., TUBİTAK Project, DEMİRYOLU TEKERLEĞİ VE AKSI TAM OTOMATİK ULTRASONİK MUAYENE İSTASYONUNUN GELİŞTİRİLMESİ, 2019 - 2022

Görgün E., TUBİTAK Project, TAM OTOMATİK DEMİRYOLU TEKERLEĞİ VE AKSI ULTRASONİK MUAYENE İSTASYONU, 2017 - 2019

Can İ., Kapıcıoğlu A., Karabey Tekin A., Armağan Benek S., Görgün E., Duydu M., Duydu M., Project Supported by Higher Education Institutions, Yeni Bir Elektrikli Araç Tasarımı Gerçekleştirerek Çalışabilirliğinin ve Kullanılabilirliğinin Deneysel Olarak İncelenmesi, 2017 - 2019

Metrics

Publication: 15

Citation (WoS): 13

Citation (Scopus): 43

H-Index (WoS): 1

H-Index (Scopus): 3

Non Academic Experience

Türkiye Demiryolu Makinaları A.Ş.

Türk Telekomünikasyon A.Ş.