



Personal Information

Office Phone: [+90 216 777 3908](tel:+902167773908)

Email: sersoy@marmara.edu.tr

Web: <https://scholar.google.com.tr/citations?user=d6lAo9gAAAAJ&hl=tr>

Address: Marmara Üniversitesi Recep Tayyip Erdoğan Külliyesi Teknoloji Fakültesi Mekatronik Mühendisliği Aydınevler Mah. Uyanık Caddesi No.6 34840 Maltepe/ İstanbul



International Researcher IDs

ScholarID: d6lAo9gAAAAJ

ORCID: 0000-0002-4029-5603

Publons / Web Of Science ResearcherID: A-7594-2019

ScopusID: 28067622300

Yoksis Researcher ID: 9127

Education Information

Doctorate, Marmara University, Institute for Graduate Studies in Pure and Applied Sciences, Department of Metal Education, Turkey 2009 - 2012

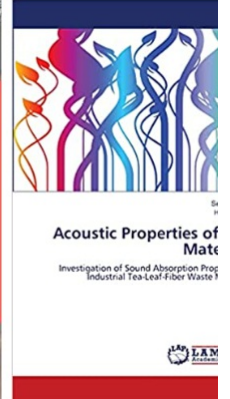
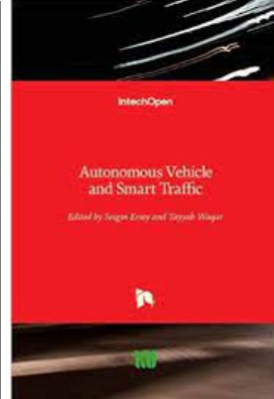
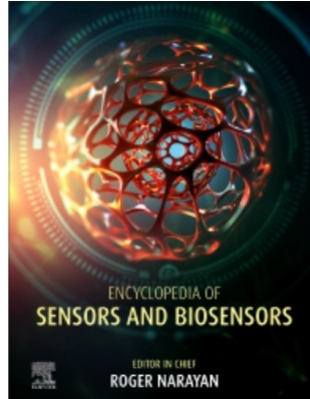
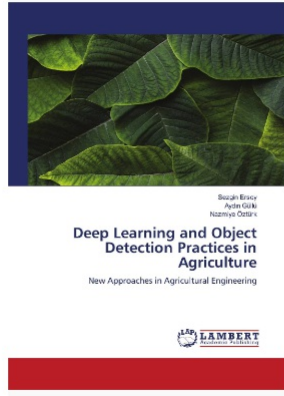
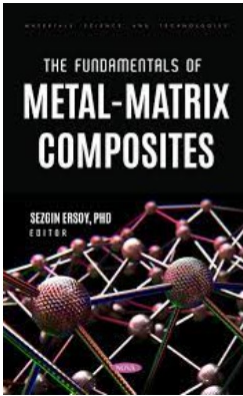
Postgraduate, Marmara University, Institute for Graduate Studies in Pure and Applied Sciences, Mekatronik (YI) (Tezli), Turkey 2005 - 2007

Postgraduate, Marmara University, Institute for Graduate Studies in Pure and Applied Sciences, Department of Technology Education, Turkey 2002 - 2004

Undergraduate, Marmara University, Faculty of Technical Education, Machine Education, Turkey 1995 - 2000

Biography

Sezgin Ersoy is a Professor of Mechatronics Engineering and Material Science. After graduating from Marmara University, he became a faculty member at the same university. His publications include a variety of efforts to understand changes in automotive mechatronics, polymer science, and biomedical technologies. He was granted a fellowship at the TÜBİTAK at Bourgogne University ISAT and spent one year as a visiting fellow there to study several projects between 2014 through 2015. He is the author of chapter Science Education in a Rapidly Changing World, USA 2011, and the author in Acoustic Properties of Bio-Materials, Stuttgart, 2010. He has two science national awards and is an Editorial Member of several scientific journals.



Foreign Languages

German, B1 Intermediate

English, B1 Intermediate

Russian, A1 Beginner

Certificates, Courses and Trainings

Quality Management, 2021 Yılı Başlangıç Düzeyi Değerlendirici Eğitimi Programı, Yükseköğretim Kalite Kurulu (YÖKAK) , 2021

Vocational Course, Yüksek Başarımlı Çizge Analizi, Ulakbim, 2021

Vocational Course, Malzeme Biliminde Yüksek Başarımlı Hesaplama ve TRUBA Süperbilgisayarlar ile LAMMPS Uygulaması, Ulakbim, 2020

Innovation, See The Future, Enago, 2020

Entrepreneurship, Teknoloji Transferi Mesleği Tanımı ve Yeterlilik Koşulları, USIMP, 2020

Technology Assessment, Sağlık Sektöründe Yerli Üretimin Değerlendirilmesi, USIMP, 2020

Project Management, MITTO Mentör Havuzu Eğitim, Marmara Üniversitesi MITTO, 2020

Vocational Course, Non-Contact 3D Optical Profiler Used in Thin Film and Surface Metrology Techniques, Marmara Üniversitesi, 2018

Dissertations

Doctorate, HDPE / ZnO - SiO₂ - CaCO₃ - Mg(OH)₂ nano-polimerinin mekanik, ısı ve fiziksel özelliklerinin incelenmesi, Marmara University, Institute for Graduate Studies in Pure and Applied Sciences, Metal Eğitimi (Dr), 2012

Postgraduate, Endüstriyel çay yaprak fiber atıklarının ses yutum özelliklerinin incelenmesi, Marmara Üniversitesi, Institute for Graduate Studies in Pure and Applied Sciences, Mekatronik (YI) (Tezli), 2007

Postgraduate, Sanayide staj yapan meslek lisesi son sınıf öğrencilerinin iş güvenliği konusunda karşılaştıkları sorunlar ve çözüm önerileri, Marmara Üniversitesi, Institute for Graduate Studies in Pure and Applied Sciences, Teknoloji Eğitimi (YI) (Tezli), 2004

Research Areas

Biomedical Engineering, Mechanical Engineering, Machine Theory and Dynamics, Mechanical, Metallurgical and Materials Engineering, Material science and engineering, Testing and Control of Materials, Mechanical Properties, Composites, Polymeric Materials, Biomaterials, Material Characterization, Mechanical Metallurgy, Nanomaterials, Non Metallic Materials Production, Engineering and Technology

Academic Titles / Tasks

Professor, Marmara University, Faculty of Technology, Mechatronic Engineering, 2022 - Continues

Professor, Braunschweig TU, Institut für Mikrotechnik, Institut für Mikrotechnik, 2023 - 2024

Associate Professor, Marmara University, Faculty of Technology, Mechatronic Engineering, 2016 - 2022

Lecturer PhD, Marmara University, Faculty of Technology, Mechatronic Engineering, 2015 - 2016

Lecturer PhD, Université de Bourgogne, The Institute Of Automotive And Transport Engineering, Département De Recherche En Ingénierie Des Véhicules Pour L'environnement, 2014 - 2015

Lecturer PhD, Marmara University, Faculty of Technical Education, Mechatronic Education, 2012 - 2015

Lecturer, Marmara University, Faculty of Technical Education, Mechatronic Education, 2004 - 2012

Academic and Administrative Experience

Fakülte Kurulu Üyesi, Marmara University, Faculty of Technology, Mechatronic Engineering, 2023 - Continues

Ethics Committee Member, Marmara University, Faculty of Technology, Mechatronic Engineering, 2023 - Continues

Head of Department, Marmara University, Faculty of Technology, Mechatronic Engineering, 2020 - Continues

Bölüm Akademik Teşvik Değerlendirme Komisyonu Üyesi, Marmara University, Faculty of Technology, Mechatronic Engineering, 2016 - Continues

Erasmus Program Institutional Coordinator, Marmara University, Faculty of Technology, Mechatronic Engineering, 2020 - 2023

Rektörlük Kalite Komisyonu Üyesi, Marmara University, Faculty of Technology, Mechatronic Engineering, 2018 - 2023

Birim Kalite Komisyonu Üyesi, Marmara University, Faculty of Technology, Mechatronic Engineering, 2016 - 2021

Deputy Head of Department, Marmara University, Faculty of Technical Education, Mechatronic Education, 2011 - 2015

Courses

Malzeme Bilimi ve Muayenesi, Undergraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019

Savunma Araç Ve Sistemleri II, Postgraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020

Taşıt Mekatroniği, Undergraduate, 2020 - 2021, 2019 - 2020, 2018 - 2019

Bitirme Projesi, Undergraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019

Mekatronikte Malzeme Uygulamaları, Postgraduate, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016

Titreşim ve Akustik, Undergraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2016 - 2017

Bilim Tarihi, Undergraduate, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018

İş Sağlığı ve Güvenliği, Undergraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018

Biyomedikal Cihazlar, Undergraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019

Yeni Nesil Otomotiv Teknolojileri II , Doctorate, 2021 - 2022, 2020 - 2021, 2019 - 2020

Nano Teknolojik Malzemeler, Doctorate, 2021 - 2022, 2020 - 2021, 2017 - 2018

Kalite Yönetimi, Undergraduate, 2020 - 2021, 2019 - 2020, 2018 - 2019

Otomotiv Sistemleri için Kalite Kontrol, Doctorate, 2020 - 2021, 2019 - 2020, 2016 - 2017

Tıbbi Cihazlar ve Destek Sistemleri, Postgraduate, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017

Malzeme Bilimi ve Muayenesi, Undergraduate, 2019 - 2020

Taşıtlarda Malzeme Teknolojisi, Postgraduate, 2017 - 2018, 2016 - 2017, 2015 - 2016

Mekatronik Mühendisliğine Giriş, Undergraduate, 2015 - 2016

Davranış Bilimleri, Undergraduate, 2015 - 2016

Advising Theses

Ersoy S., Mekatronik Yaklaşım ile EEG Sinyalleri ile Ekstremiteler –Dış İskelet Sisteminin Geliştirilmesi , Doctorate, S.Nazmiye(Student), Continues

Ersoy S., Atmosfer Hava Bağlantısı Olmayan Ürünler İçin Sızdırmazlık Kontrol Yöntemi Geliştirilmesi, Postgraduate, İ.Temiz(Student), Continues

Ersoy S., Oksijen Miktarının Belirlenmesi Amacıyla Biyoluminesans Enziminin Biyosensör Olarak Tasarımı ve Dizaynı, Postgraduate, B.Nur(Student), Continues

Ersoy S., Design, Analysis and Production of Temperature Sensor Using Microstereolithography Technique, Doctorate, T.Waqar(Student), 2022

Ersoy S., 3D Datasının Sonlu elemanlar Metodu Uygulanarak Çarpma Testinin Gerçekleştirilmesi, İyileştirilmesi, Yapılması ve Farklılıkların Gözlemlenmesi, Postgraduate, F.Özcan(Student), 2021

Ersoy S., DESIGN/PROTOTYPE OF LAUNCHABLE ROTARY WING UNMANNED AERIAL VEHICLE AND LAUNCHING MECHANISM DESIGN/ PROTOTYPE, Postgraduate, E.Gökbel(Student), 2021

Ersoy S., Mikroakışkan Çip Tasarımı, Analizi ve Zamana Bağlı Basınç Kontrolü, Postgraduate, İ.Ünalı(Student), 2020

Ersoy S., Gerçek Zamanlı Hava Kalitesi Ölçen İnsansız Hava Aracı Sistemi, Postgraduate, M.Erdem(Student), 2019

ERSOY S., Elektrik makine bakımlarında oluşan iş kazalarına ilişkin sorunlar ve çözüm önerileri, Postgraduate, H.BALCI(Student), 2018

ERSOY S., Bir servo motorun plc ile titreşim ve sıcaklık analizi, Postgraduate, M.SARI(Student), 2018

ERSOY S., Sanayi üretimde elektrikle ilgili yaşanan iş kazalarının belirlenmesi ve çözüm önerileri, Postgraduate, C.KILIÇASLAN(Student), 2018

Jury Memberships

Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Sakarya Uygulamalı Bilimler Üniversitesi, November, 2022

Post Graduate, Post Graduate, Trakya Üniversitesi, July, 2022

Post Graduate, Post Graduate, İstanbul Gedik Üniversitesi, July, 2022

Doctorate, Doctorate, Tekirdağ Namık Kemal Üniversitesi, June, 2022

Post Graduate, Post Graduate, İstanbul Gedik Üniversitesi, February, 2022

Doctorate, Doctorate, Marmara Üniversitesi, February, 2022

Doctoral Examination, Doctoral Examination, Bandırma Onyediy Eylül Üniversitesi, December, 2021

Post Graduate, Post Graduate, Marmara Üniversitesi, December, 2021
Doctoral Examination, Doctoral Examination, Bandırma Onyedi Eylül Üniversitesi, December, 2021
Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Halkari Üniversitesi, December, 2021
Post Graduate, Post Graduate, Marmara Üniversitesi, December, 2021
Award, T.C. Sanayi ve Teknoloji Bakanlığı Verimlilik Ödülleri, Marmara University, September, 2021
Post Graduate, Post Graduate, Marmara Üniversitesi, October, 2020
Doctorate, Doctorate, Marmara Üniversitesi, June, 2020
Competition, Bilim Kahramanları CITY SHAPER, Marmara University, February, 2020
Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Muş Alparslan Üniversitesi, January, 2020
Doctoral Examination, Doctoral Examination, Trakya Üniversitesi, May, 2019
Post Graduate, Post Graduate, Marmara Üniversitesi, November, 2018
Post Graduate, Post Graduate, Üsküdar Üniversitesi, January, 2018
Post Graduate, Post Graduate, Üsküdar Üniversitesi, January, 2018
Post Graduate, Post Graduate, Sakarya Üniversitesi, January, 2018
Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Trakya Üniversitesi, September, 2017
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Marmara Üniversitesi, March, 2017
Doctorate, Doctorate, Trakya Üniversitesi, January, 2017
Post Graduate, Post Graduate, Yeditepe Üniversitesi, September, 2015
Post Graduate, Post Graduate, Yeditepe Üniversitesi, September, 2015
Post Graduate, Post Graduate, Yeditepe Üniversitesi, September, 2015
Post Graduate, Post Graduate, Yeditepe Üniversitesi, April, 2014
Post Graduate, Post Graduate, Yeditepe Üniversitesi, April, 2014
Post Graduate, Post Graduate, Yeditepe Üniversitesi, April, 2014
Post Graduate, Post Graduate, Yeditepe Üniversitesi, April, 2014
Post Graduate, Post Graduate, Yeditepe Üniversitesi, April, 2014
Post Graduate, Post Graduate, Yeditepe Üniversitesi, April, 2014
Post Graduate, Post Graduate, Yeditepe Üniversitesi, April, 2014
Post Graduate, Post Graduate, Yeditepe Üniversitesi, April, 2014
Post Graduate, Post Graduate, Yeditepe Üniversitesi, April, 2014
Post Graduate, Post Graduate, Yeditepe Üniversitesi, April, 2014
Post Graduate, Post Graduate, Yeditepe Üniversitesi, April, 2014
Post Graduate, Post Graduate, Yeditepe Üniversitesi, April, 2014
Post Graduate, Post Graduate, Yeditepe Üniversitesi, April, 2014
Post Graduate, Post Graduate, Yeditepe Üniversitesi, April, 2014
Post Graduate, Post Graduate, Yeditepe Üniversitesi, April, 2014
Post Graduate, Post Graduate, Yeditepe Üniversitesi, April, 2014
Post Graduate, Post Graduate, Yeditepe Üniversitesi, April, 2014

Designed Lessons

Ersoy S., Nano-Teknolojik Malzemeler, Doctorate, 2017 - 2018
Ersoy S., Polimer Vibroakustığı, Doctorate, 2016 - 2017
Ersoy S., Otomotiv Sistemleri İçin Kalite Kontrol, Doctorate, 2016 - 2017
Ersoy S., Taşıtlarda Malzeme Teknolojisi, Postgraduate, 2015 - 2016
Ersoy S., Tıbbi Cihazlar ve Destek Sistemleri, Postgraduate, 2015 - 2016
Ersoy S., Mekatronikte Malzeme Uygulamaları, Postgraduate, 2015 - 2016

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Cooling and Multiphase Analysis of Heated Environmentally Friendly R152A (C2H4F2) Fluid Coming from the Production Process According to Nist Indicators**
Kartal M. A., ATAÖK G., ERSOY S.
Applied Sciences (Switzerland), vol.14, no.10, 2024 (SCI-Expanded)
- II. **The Effects of Printing Temperature on the Mechanical Properties of 3D-Printed Acrylonitrile Butadiene Styrene**
Ulkir O., Ertugrul I., ERSOY S., Yağimli B.
Applied Sciences (Switzerland), vol.14, no.8, 2024 (SCI-Expanded)
- III. **Improvement of UAV: design and implementation on launchability**
Gokbel E., Güllü A., Ersoy S.
AIRCRAFT ENGINEERING AND AEROSPACE TECHNOLOGY, vol.95, no.5, pp.734-740, 2023 (SCI-Expanded)
- IV. **Effect of Bumper Thickness with Collision Simulation of Passenger Vehicles**
Özcan F., Gullu A., Ersoy S.
INTERNATIONAL JOURNAL OF AUTOMOTIVE TECHNOLOGY, vol.24, no.1, pp.241-246, 2023 (SCI-Expanded)
- V. **Additive Manufactured Strain Sensor Using Stereolithography Method with Photopolymer Material**
Ertugrul I., Ulkir O., Ersoy S., Ragulskis M.
POLYMERS, vol.15, no.4, pp.991-1004, 2023 (SCI-Expanded)
- VI. **Investigation of time-based pressure control for microfluidics chip design**
Ersoy S., Atakök G., Khorsandi D., Toptaş E.
JOURNAL OF ENGINEERING RESEARCH, vol.11, no.4, pp.1-16, 2022 (SCI-Expanded)
- VII. **Micro and Nano Sensors from Additive Manufacturing**
Zare E. N., Makvandi P., Ersoy S.
JOURNAL OF NANOMATERIALS, vol.2022, 2022 (SCI-Expanded)
- VIII. **Advances in tannic acid-incorporated biomaterials: Infection treatment, regenerative medicine, cancer therapy, and biosensing**
Bigham A., Rahimkhoei V., Abasian P., Delfi M., Naderi J., Ghomi M., Dabbagh Moghaddam F., Waqar T., Nuri Ertas Y., Sharifi S., et al.
CHEMICAL ENGINEERING JOURNAL, vol.432, pp.134146, 2022 (SCI-Expanded)
- IX. **DISCOVERY OF AGRICULTURAL DISEASES BY DEEP LEARNING AND OBJECT DETECTION**
Karakaya M., Çelebi M. F., Gök A. E., Ersoy S.
ENVIRONMENTAL ENGINEERING AND MANAGEMENT JOURNAL, vol.21, no.1, pp.163-173, 2022 (SCI-Expanded)
- X. **Manufacturing of Microfluidic Sensors Utilizing 3D Printing Technologies: A Production System**
Khorsandi D., Nodehi M., Waqar T., Shabani M., Kamare B., Zare E. N., Ersoy S., Annabestani M., Çelebi M. F., Kafadenk A.

- JOURNAL OF NANOMATERIALS, vol.2021, 2021 (SCI-Expanded)
- XI. **Design and Analysis Comparison of Surface Acoustic Wave-Based Sensors for Fabrication Using Additive Manufacturing**
Waqar T., Ersoy S.
JOURNAL OF NANOMATERIALS, vol.2021, 2021 (SCI-Expanded)
- XII. **MODELLING AND THERMAL ANALYSIS OF MICRO BEAM USING COMSOL MULTIPHYSICS**
Ulkir O., Ertugrul I., GİRİT O., ERSOY S.
THERMAL SCIENCE, vol.25, 2021 (SCI-Expanded)
- XIII. **Data Analysis for Predictive Maintenance of Servo Motors**
Girit O., Atakök G., Ersoy S.
SHOCK AND VIBRATION, vol.2020, 2020 (SCI-Expanded)
- XIV. **STUDY ON VIBRATION PROPERTIES OF COMPOSITE MATERIALS**
Ersoy S.
DIGEST JOURNAL OF NANOMATERIALS AND BIOSTRUCTURES, vol.12, no.4, pp.1149-1155, 2017 (SCI-Expanded)
- XV. **FRICTION AND WEAR PERFORMANCE OF HIGH DENSITY POLYETHYLENE/STYRENE - BUTADIENE RUBBER POLYMER BLENDS**
Ersoy S.
REVISTA ROMANA DE MATERIALE-ROMANIAN JOURNAL OF MATERIALS, vol.45, no.3, pp.267-271, 2015 (SCI-Expanded)
- XVI. **MECHANICAL, MORPHOLOGICAL AND THERMAL PROPERTIES OF HDPE POLYMER COMPOSITES FILLED WITH TALC, CALCIUM CARBONATE AND GLASS SPHERES**
Taşdemir M., Ersoy S.
REVISTA ROMANA DE MATERIALE-ROMANIAN JOURNAL OF MATERIALS, vol.45, no.2, pp.147-154, 2015 (SCI-Expanded)
- XVII. **FRICTION AND WEAR PERFORMANCE OF HDPE/TALC- CALCIUM CARBONATE POLYMER COMPOSITES AGAINST SLIDING DISTANCE AND APPLIED LOAD**
Taşdemir M., Ersoy S.
REVISTA ROMANA DE MATERIALE-ROMANIAN JOURNAL OF MATERIALS, vol.44, pp.257-264, 2014 (SCI-Expanded)
- XVIII. **Investigation on The High Density Polyetylen Synthetic Rubber Tyrene Butadiene Composites**
Ersoy S.
Metalurgia International, vol.18, no.9, pp.5-9, 2013 (SCI-Expanded)
- XIX. **Thermal and Mechanical Properties of Walnut Shell and Glass Fiber Reinforced Thermoset Polyester Composites**
Onat A., Pazarlıoğlu S. S., Sancak E., Ersoy S., Beyit A., Erdem R.
ASIAN JOURNAL OF CHEMISTRY, vol.25, pp.1947-1952, 2013 (SCI-Expanded)
- XX. **THE MECHANICAL AND MORPHOLOGICAL PROPERTIES OF HDPE COMPOSITES FILLED WITH SiO₂, ZnO, Mg(OH)₂ and CaCO₃ NANO POWDER**
Taşdemir M., Ersoy S.
REVISTA ROMANA DE MATERIALE-ROMANIAN JOURNAL OF MATERIALS, vol.43, no.4, pp.417-424, 2013 (SCI-Expanded)
- XXI. **Usage level of educational technologies of students at electronic computer department in technical high school**
ERSOY S., KARATEPE MUMCU Y.
ENERGY EDUCATION SCIENCE AND TECHNOLOGY PART A-ENERGY SCIENCE AND RESEARCH, vol.30, no.1, pp.137-142, 2012 (SCI-Expanded)
- XXII. **Investigation of Sound Absorption and Impedance Ratio of SBR/HIPS Polymer Blends**
Ulug E., Taşdemir M., Ersoy S.
POLYMER-PLASTICS TECHNOLOGY AND ENGINEERING, vol.51, no.2, pp.170-174, 2012 (SCI-Expanded)
- XXIII. **Effects of HIPS on the Sound Absorption and Impedance Ratio of SEBS/HIPS/CaCO₃ Polymer Composites**
Taşdemir M., Ersoy S., Ulug E.
POLYMER-PLASTICS TECHNOLOGY AND ENGINEERING, vol.51, no.9, pp.952-956, 2012 (SCI-Expanded)
- XXIV. **Sound Adsorption and Morphological Properties of SIS/HIPS/CaCO₃ Polymer Composites**
Ersoy S., Ulug E., Taşdemir M.
JOURNAL OF POLYMER MATERIALS, vol.28, pp.551-560, 2011 (SCI-Expanded)
- XXV. **Measurements of noise at crossroads and on transportations its effects and possible measures to take**
ERSOY S., KARATEPE MUMCU Y.
Journal Of Vibroengineering, vol.13, pp.109-119, 2011 (SCI-Expanded)
- XXVI. **Measurements of noise at crossroads and on transportations, its effects and possible measures to take**
ERSOY S., Karatepe Y.
JOURNAL OF VIBROENGINEERING, vol.13, no.1, pp.109-119, 2011 (SCI-Expanded)
- XXVII. **The Active Learning Method of the Automotive Mechatronics Course Learning Impact on Stability**
ERSOY S., TOPTAŞ E.
TECHNICS TECHNOLOGIES EDUCATION MANAGEMENT-TTEM, vol.6, no.1, pp.203-210, 2011 (SCI-Expanded)
- XXVIII. **Determination of views about usage level of education technologies of teachers at electronic and computer department of technical high school**
KARATEPE MUMCU Y., ERSOY S., VARBAK NEŞE S.
Technics Technologies Education Management-Ttem, 2011 (SCI-Expanded)
- XXIX. **An Investigation of Mechanical and Acoustic Absorption Properties of Multi axial Glass Fiber And Hazelnut s Shell Reinforced Polyester Resin Composites**
Ersoy S., Beyit A., Sancak E.
Journal Of Vibroengineering, vol.11, pp.305-316, 2009 (SCI-Expanded)
- XXX. **An investigation of mechanical and acoustic absorption properties of multiaxial glass fiber and hazelnut's shell reinforced poliester resin composites**
Ersoy S., Beyit A., Sancak E.
Journal of Vibroengineering, vol.11, pp.305-315, 2009 (SCI-Expanded)
- XXXI. **Online modelling for sound absorption properties of composite material**
Ersoy S., Kaplanoğlu E.
JOURNAL OF VIBROENGINEERING, vol.11, pp.298-304, 2009 (SCI-Expanded)
- XXXII. **Investigation of industrial tea-leaf-fibre waste material for its sound absorption properties**
Ersoy S., Küçük H.
APPLIED ACOUSTICS, vol.70, pp.215-220, 2009 (SCI-Expanded)

Articles Published in Other Journals

- I. **Purification of olive mill waste: a circular economy model for the Mediterranean region**
FEYZİOĞLU A., ERSOY S., OMORUYI T. U., SANTORO D., PICCINETTI L.
Insights into Regional Development, vol.6, 2024 (Scopus)
- II. **Reading Gokturkish text with the Yolo object detection algorithm**
KARAKAYA M., ERSOY S., FEYZİOĞLU A., ERSOY S.
JVE International Ltd., 2024 (Peer-Reviewed Journal)
- III. **Material selection in sensor design for additive manufacturing**
AKTAŞ B., ŞAHİN T., GÜLLÜ A., TOPTAŞ E., FEYZİOĞLU A., ERSOY S.
JVE International Ltd., vol.4, 2023 (Peer-Reviewed Journal)
- IV. **Air leakage test system for product without atmosphere air connection**

- Temiz I., Feyzioglu A., Çelebi M. F., Ersoy S.
Journal of Mechatronics and Artificial Intelligence in Engineering, vol.4, no.2, pp.40-46, 2023 (Peer-Reviewed Journal)
- V. **Bioluminescence sensor: enzymes, reaction and utilization as an energy source**
Yağdırın B., Ersoy S., Gültekin B. N., Yağdırın M.
Journal of Mechatronics and Artificial Intelligence in Engineering, vol.3, no.2, 2022 (Peer-Reviewed Journal)
- VI. **Productivity forecast with digital greenhouse automation system for sustainable agriculture**
Gök A. E., Çelebi M. F., Koca A. S., Doğan M., Ersoy S.
Journal of Mechatronics and Artificial Intelligence in Engineering, vol.3, no.1, pp.40-46, 2022 (Peer-Reviewed Journal)
- VII. **Analysis of the vehicle: applying finite element method of 3D data**
ÖZCAN F., ERSOY S.
Mathematical Models in Engineering, vol.7, no.4, pp.1-7, 2021 (Peer-Reviewed Journal)
- VIII. **Launchable rotary wing UAV designs and launch mechanism designs for rotary wing UAV**
Gökbel E., ERSOY S.
Journal of Mechatronics and Artificial Intelligence in Engineering, vol.2, no.2, pp.1-12, 2021 (Peer-Reviewed Journal)
- IX. **Manufacturing of complex geometric structure metal matrix structures used for special purposes**
Kaba M., Ersoy S., Ekinli B.
Journal of Mechatronics and Artificial Intelligence in Engineering, vol.2, no.2, pp.11-17, 2021 (Peer-Reviewed Journal)
- X. **Analysis of electroencephalography (EEG) signals and adapting to systems theory principles**
Camgöz A. N., Ekşi Z., Çelebi M. F., Ersoy S.
JOURNAL OF COMPLEXITY IN HEALTH SCIENCES, vol.4, no.2, pp.1-6, 2021 (Peer-Reviewed Journal)
- XI. **Measurement of temperature and displacement with NiTi actuators under certain electrical conditions**
Toptaş E., Çelebi M. F., Ersoy S.
JOURNAL OF MEASUREMENTS IN ENGINEERING, vol.9, no.2, pp.87-94, 2021 (ESCI)
- XII. **Automatic Decision Making System with Environmental and Traffic Data**
Ersoy S., Waqar T., Toptaş E.
Mathematical Models in Engineering, vol.7, no.2, 2021 (Peer-Reviewed Journal)
- XIII. **Microfluidics chip design analysis and control**
ÜNALLI İ., ERSOY S., ERTUĞRUL İ.
Journal of Mechatronics and Artificial Intelligence in Engineering, vol.1, no.1, pp.2-7, 2020 (Peer-Reviewed Journal)
- XIV. **Development of vehicle tracking system with low-cost wireless method**
Ülker O., Akın M., Ersoy S.
Journal of Mechatronics and Artificial Intelligence in Engineering, vol.1, no.1, pp.8-13, 2020 (Peer-Reviewed Journal)
- XV. **Electronic and Mechanical Design of a Hexapod Land Searching Robot**
Boz T., Aras İ., Kıkıcı S., Ersoy S.
International Advanced Researches and Engineering Journal, vol.4, no.1, pp.34-40, 2020 (Peer-Reviewed Journal)
- XVI. **Starch Synthesis from Air Pollution Formation with a Converter System**
Çalı S., Ersoy S.
Ulusal Çevre Bilimleri Araştırma Dergisi, vol.3, no.1, pp.11-19, 2020 (Peer-Reviewed Journal)
- XVII. **Determining Unmanned Aerial Vehicle Desing Parameters for Air Pollution Detection System**
Ersoy S., Taş M. E.
The Online Journal of Science and Technology, vol.10, no.1, pp.6-18, 2020 (Peer-Reviewed Journal)
- XVIII. **Product Development by Additive Manufacturing and 3D Printer Technology in Aerospace Industry**
Kalender M., Bozkurt Y., Ersoy S., Salman S.
Havacılık ve Uzay Teknolojileri Dergisi, vol.13, no.1, pp.129-138, 2020 (Peer-Reviewed Journal)
- XIX. **DETERMINING UNMANNED AERIAL VEHICLE DESIGNPARAMETERS FOR AIR POLLUTION DETECTION SYSTEM**
Taş M. E., Ersoy S.
The Online Journal of Science and Technology, vol.10, no.1, pp.6-18, 2020 (Peer-Reviewed Journal)
- XX. **Product Development with Additive Manufacturing and 3D Printer Technology in Aerospace Industry**
Kalender M., Bozkurt Y., Ersoy S., Salman S.
Journal of Aeronautics and Space Technologies, vol.13, no.1, pp.129-138, 2020 (Peer-Reviewed Journal)
- XXI. **THE DESIGN AND IMPLEMENTATION OF A MEDICAL INJECTIONS SYSTEM PROVIDING SENSITIVE FLUID FLOW CONTROL USING MECHATRONICS DESIGN METHOD**
Ersoy S., Yılmaz Ö.
ACTA TECHNICA NAPOCENSIS SERIES-APPLIED MATHEMATICS MECHANICS AND ENGINEERING, vol.64, no.4, pp.551-556, 2019 (ESCI)
- XXII. **Osmaniye Korkut Ata Üniversitesi Fen Bilimleri Enstitüsü Dergisi**
Ülker O., Ertuğrul İ., Ersoy S., Girgin B. C.
Osmaniye Korkut Ata Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.2, no.1, pp.74-78, 2019 (Peer-Reviewed Journal)
- XXIII. **Sanayi Üretimde Elektrik İlgili Yaşanan İş Kazalarının Belirlenmesi ve Çözüm Önerileri**
Kılıçaslan C., Ersoy S.
AKU J.Eng.App.Sci., vol.2, pp.85-101, 2019 (Peer-Reviewed Journal)
- XXIV. **INVESTIGATION ON VIBRATION ANALYSIS OF THE EFFECT OFFIBER BREAKS IN UNIDIRECTIONAL COMPOSITES**
Toptaş E., Ersoy S., Bozkurt Y.
The Online Journal of Science and Technology, vol.8, pp.74-79, 2018 (Peer-Reviewed Journal)
- XXV. **COMPARISON OF THE VIBRATION PROPERTIES OF MATERIALS AA2124/SiC/25p and ALUMINUM 6061-T6**
Bozkurt Y., Toptaş E., Ersoy S.
The Online Journal of Science and Technology, vol.8, pp.44-47, 2018 (Peer-Reviewed Journal)
- XXVI. **MATERIAL SELECTION IN DETERMINATION OF POSITION AND SIZE FOR ARTIFICIAL ORGANS**
ERSOY S., ERTUĞRUL İ., ÜLKİR O., TEMİZ İ.
Journal of the Technical University of Gabrovo, vol.56, pp.53-56, 2018 (Peer-Reviewed Journal)
- XXVII. **The Methods Used in the Automotive Production: Hemming Operations Planning**
ERSOY S., ERTUĞRUL İ., AYGÜL E.
Engineering and Applied Science, vol.1, no.1, pp.103-106, 2018 (Peer-Reviewed Journal)
- XXVIII. **DESIGN AND CONTROL OF PLASTIC BOTTLE BREAKING AND STORAGE MACHINE**
ERSOY S., AYGÜL E., TOPTAŞ E.
Journal of the Technical University of Gabrovo, vol.56, pp.30-32, 2018 (Peer-Reviewed Journal)
- XXIX. **Measurement of Noise Level: Applied Fair Area**
ERSOY S., AYGÜL E., ERTUĞRUL İ.
Applied Technologies and Innovations, vol.13, no.2, pp.15-18, 2017 (Peer-Reviewed Journal)
- XXX. **Wear performance of HDPE/ZnO-SiO₂-CaCO₃-Mg(OH)₂ nano filler polymer composites**
Ersoy S., Taşdemir M.
The Online Journal of Science and Technology, vol.7, no.2, pp.111-115, 2017 (Conference Book)
- XXXI. **Measurement of noise level in the fair area**

- Ersoy S., Ertuğrul İ., Aygül E.
Applied Technologies and Innovations, vol.13, no.1, pp.21-25, 2017 (Peer-Reviewed Journal)
- XXXII. **FRICITION AND WEAR PERFORMANCE OF HIGH DENSITY POLYETHYLENE STYRENE BUTADIENE RUBBER POLYMER BLENDS**
Ersoy S.
The Online Journal of Science and Technology, vol.6, pp.57-60, 2016 (Peer-Reviewed Journal)
- XXXIII. **Vortex with the Formation of Electricity Generation and System Modelling**
Ersoy S.
International Journal of Environmental Science and Development, vol.5, no.2, pp.152-154, 2014 (Scopus)
- XXXIV. **Zinc oxide (ZnO), magnesium hydroxide [Mg(OH)2] and calcium carbonate (CaCO3) filled HDPE polymer composites: Mechanical, thermal and morphological properties**
Ersoy S., Taşdemir M.
Marmara Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.24, no.4, pp.93-104, 2012 (Peer-Reviewed Journal)
- XXXV. **Mechanical properties of bi axial glass fiber and pistachio shell reinforced polyester composites**
Pazarlıoğlu S. S., Beyit A., Ersoy S., Sancak E., Küpeli G., Salman S.
Usak University Journal of Material Sciences, vol.1, pp.9-14, 2012 (Peer-Reviewed Journal)
- XXXVI. **Hastane İnfüzyon Cihazları Otomasyonu**
ERSOY S., TOPTAŞ E.
Bilişim Teknolojileri Dergisi, vol.4, pp.1-5, 2011 (Peer-Reviewed Journal)
- XXXVII. **The effect of a new teaching methodology on learning performances of automotive mechatronics students**
ERSOY S., KÜÇÜK H.
Procedia-Social and Behavioral Sciences, vol.2, no.2, pp.310-316, 2010 (Peer-Reviewed Journal)
- XXXVIII. **Electrical measurements and analyses with data acquisition devices (DAS) of heating and cooling capacities of the intercity coaches**
Yılmaz Ö., Erçetin R., Akıncı T., Ersoy S.
Solid State Phenomena, pp.651-656, 2009 (Scopus)

Books & Book Chapters

- I. **Surface Acoustic Wave Sensing**
Ersoy S., Waqar T.
in: Encyclopedia of Sensors and Biosensors, Roger J. Narayan, Editor, Elsevier Science, Oxford/Amsterdam, Amsterdam, pp.129-141, 2023
- II. **The Fundamentals of Metal-Matrix Composites**
Ersoy S. (Editor)
NOVA Science Publishers Inc., New York, 2022
- III. **DEEP LEARNING AND OBJECT DETECTION PRACTICES IN AGRICULTURE**
Ersoy S., Güllü A., Öztürk N.
Lambert Publishing, Chisinau, 2022
- IV. **Metal Screw Design for Additive Manufacturing Techniques**
Ersoy S., Ekinci B.
in: The Fundamentals of Metal-Matrix Composites, Sezgin Ersoy, Editor, NOVA Science Publishers Inc., New York, pp.192-200, 2022
- V. **Otomotiv Mekatroniğine Giriş**
Ersoy S. (Editor)
Kindle Direct Publishing, İstanbul, 2020
- VI. **Autonomous Vehicle and Smart Traffic**
Ersoy S. (Editor)
IntechOpen Publishing, London, 2020
- VII. **Akustik ve Titreşim Temel Bilgiler**
Ersoy S.
Kindle Direct Publishing, İstanbul, 2020
- VIII. **Game Theory Based - Autonomous Vehicle Control Via Image Processings**
Ersoy S.
in: AUTONOMOUS VEHICLE AND SMART TRAFFIC, Sezgin Ersoy, Tayyab Waqar, Editor, IntechOpen Publishing, London, pp.73-84, 2020
- IX. **Acoustic Properties of Bio Materials**
Ersoy S., Küçük H.
Lambert Academic Published, Berlin, 2011
- X. **Quality management for science education**
Ersoy S., Ruginosu T.
in: Science Education in a Rapidly Changing World, Seth D. Grahame, Editor, NOVA Science Publishers Inc., New-York, pp.145-151, 2011
- XI. **Investigation of New Education Methods Using Applied Mechatronics**
Ersoy S.
in: Science Education in a Rapidly Changing World, Seth D. Grahame, Editor, NOVA Science Publishers Inc., New-York, pp.87-99, 2011
- XII. **Investigation of new education methods using applied mechatronics**
ERSOY S.
in: Science Education in a Rapidly Changing World, Grahame, Seth D., Editor, Nova Publisher, pp.87-99, 2011

Refereed Congress / Symposium Publications in Proceedings

- I. **Computational model for the nonlinear dynamic response of MEMS-based micromirror**
Ertuğrul İ., Ersoy S., Ragulskis M.
58th International JVE Conference, Ventspils, Latvia, 25 - 26 August 2022, vol.44, no.22851, pp.149-155
- II. **Reading and playing musical notes with image processing techniques with mobile application**
Ersoy S., Özdöşemeci F.
58th International JVE Conference, Ventspils, Latvia, 25 - 26 August 2022, vol.44, no.22589, pp.111-116
- III. **Vibration analysis of screw-fed systems used in additive manufacturing technology**
Ersoy S., Kaba M., Ekinli B.
57th International JVE Conference, İstanbul, Turkey, 13 - 15 June 2022, vol.43, pp.109-112
- IV. **DETERMINING UNMANNED AERIAL VEHICLE DESIGNPARAMETERS FOR AIR POLLUTION DETECTION SYSTEM**
MEHMET ERDEM T., ERSOY S.
INTERNATIONAL SCIENCEANDTECHNOLOGYCONFERENCE, Prag, Czech Republic, 3 - 05 July 2019, pp.46-60
- V. **Arazide Arama Ve Tespit Robotu Tasarımı**

- Aras İ., KILICI S., ERSOY S.
The International Aluminium-Themed Engineering and Natural Sciences Conference, Konya, Turkey, 4 - 06 October 2019, vol.1, pp.274-278
- VI. **Direction-Action Research for Design, Analysis, and Fabrication of Temperature Sensor Using Microstereolithography Technique**
Waqar T., ERSOY S.
The International Aluminium-Themed Engineering and Natural Sciences Conference, Konya, Turkey, 4 - 06 October 2019, vol.1, pp.268-273
- VII. **Additive Manufacturing and 3D Printer Technology in Aerospace Industry**
Kalender M., Kılıç S. E., Ersoy S., Bozkurt Y., Salman S.
9th International Conference on Recent Advances in Space Technologies, İstanbul, Turkey, 11 - 14 June 2019, vol.9, no.1, pp.689-695
- VIII. **TÜRKİYE'DE ELEKTRİK MAKİNELERİ BAKIMLARINDA YAŞANAN İŞ KAZALARI, SORUNLAR VE ÇÖZÜMLER**
BALCI H., KALENDER M., KILIÇ S. E., BOZKURT Y., ERSOY S.
MIDDLE EAST INTERNATIONAL CONFERENCE ON MULTIDISCIPLINARY STUDIES, BEYRUT, Lebanon, 9 - 12 May 2019, vol.1, pp.144-168
- IX. **EVALUATION OF STUDENT OPINIONS ON WELDING TECHNOLOGY TRAINING**
Kalender M., Kılıç S. E., Bozkurt Y., Ersoy S.
IV. ULUSLARARASI MESLEKİ VE TEKNİK BİLİMLER KONGRESİ, Erzurum, Turkey, 7 - 09 December 2018, vol.2, pp.1154-1175
- X. **Determination of Traffic Behaviours of Vehicle with Image Processing**
ERSOY S., ZORTUL M. S. F.
3rd International Congress on Multidisciplinary Studies, Kiev, Ukraine, 5 - 06 October 2018, vol.3, pp.125-140
- XI. **Smart House Systems Administrated by Brain-Dierctions**
ERSOY S., İLHAN B., ÖNDER B., KALENDER M. E.
3rd International Congress on Multidisciplinary Studies, Kiev, Ukraine, 5 - 06 October 2018, vol.3, pp.113-123
- XII. **Productivity Control of the Operator via Web- Server with PLC**
ERSOY S., BOZKURT Y.
3rd International Congress on Multidisciplinary Studies, Kiev, Ukraine, 5 - 06 October 2018, vol.3, pp.104-112
- XIII. **Investigation of Industrial and Organizational Psychology**
Ersoy S., Ülkir O., Bozkurt Y.
CIEA 2018 International Conference on Innovative Engineering Applications, Sivas, Turkey, 20 - 22 September 2018, vol.1, pp.1251-1256
- XIV. **Study of Sound Properties of HDPE / SIS Polymer Composites**
ERSOY S., BOZTOPRAK Y.
International Conference on Innovative engineering Applications, Sivas, Turkey, 20 - 22 September 2018, vol.1, pp.1246-1250
- XV. **Individual Custom Design and Production of Artificial Organs**
TEMİZ İ., ERSOY S.
2nd International Congress on Advances in Bioscience and Biotechnology, Podgorica, Serbia And Montenegro, 26 - 30 June 2018, vol.2, pp.1-2
- XVI. **Vibration And Temperature Analysis of a Servo Motor with Programmable Logic Controller**
Sarı M. B., ERSOY S.
23rd International Scientific Conference MECHANIKA 2018, Druskininkai, Lithuania, 18 - 19 May 2018, vol.1, pp.141-144
- XVII. **Günümüzde Makineleşmenin İş Kazalarına Etkisi**
Uşar D., Uras M., Ersoy S., Bozkurt Y.
1st International Symposium on Multidisciplinary Studies and Innovative Technologies, Antalya, Turkey, 11 - 13 April 2018, vol.2, pp.361-365
- XVIII. **Automatic integrated glass cleaning system design and architecture**
ERSOY S., AYGÜL E., ERTUĞRUL İ.
International Scientific Conference UNITECH'17, Gabrovo, Bulgaria, 17 - 18 November 2017, vol.3, pp.43-46
- XIX. **Data transfer in real-time cost calculation**
ERSOY S.
International Scientific Conference "UNITECH 2017", Gabrovo, Bulgaria, 17 - 18 November 2017, vol.2, pp.297-300
- XX. **Material selection in determination of position and size for artificial organs**
ERSOY S., ERTUĞRUL İ., ÜLKİR O.
International Scientific Conference "UNITECH 2017", Gabrovo, Bulgaria, 17 - 18 November 2017, vol.3, pp.80-84
- XXI. **Design and control of plastic bottle breaking and storage machine**
ERSOY S., AYGÜL E., TOPTAŞ E.
International Scientific Conference "UNITECH 2017", Gabrovo, Bulgaria, 17 - 18 November 2017, vol.3, pp.61-64
- XXII. **An Investigation on Vibrational Analysis of Cantilever Beams Based on Fiber Breaks in Unidirectional Fiber Composites**
TOPTAŞ E., ERSOY S., GENÇ G., BOZKURT Y., AKKUŞ N., ERTUĞRUL İ.
International Science and Technology Conference, Berlin, Germany, 17 - 19 July 2017, pp.97-103
- XXIII. **Comparison of the Vibration Properties of Materials AA2124/SiC/25p and Aluminum 6061-T6**
BOZKURT Y., BUÇAN M., BACAKSIZ K., TOPTAŞ E., ERSOY S.
International Science and Technology Conference, Berlin, Germany, 17 - 19 July 2017, pp.194-197
- XXIV. **Alüminyum Alaşımlarının Sürtünme Karıştırma Nokta Kaynağı**
Bozkurt Y., Toptaş E., Ersoy S.
International Science and Technology Conference, Berlin, Germany, 17 - 19 July 2017, pp.61-67
- XXV. **Endüstri 4.0'ın Türkiye üzerindeki etkileri**
Ersoy S., Bozkurt Y., Ertuğrul İ., Ülkir O.
International Symposium on Industry 4.0 and Applications (ISIA 2017), Karabük, Turkey, 12 - 14 October 2017, pp.44-47
- XXVI. **Study on Tribological behaviour for Nano Powder Polymer Blends**
Ersoy S., Taşdemir M.
International Science and Technology Conference, Vienna, Austria, 12 - 15 July 2016
- XXVII. **Identification of viscoelastic material properties based on Big Bang-Big Crunch optimization method**
El Hafidi A., Martin B., ERSOY S.
24th International Conference on Vibroengineering, Shanghai, China, 7 - 08 December 2016, vol.10, pp.102-107
- XXVIII. **Noise Level Measurement For Fair Area**
ERSOY S.
International Scientific Conference, Gabrovo, Bulgaria, 18 - 19 November 2016, pp.222-223
- XXIX. **The Methods Used In The Automotive Production**
ERSOY S.
International Scientific Conference, Gabrovo, Bulgaria, 18 - 19 November 2016, pp.293-294
- XXX. **Determining the vibration behavior of metal matrix composite used in aerospace industry by FEM**
Bozkurt Y., Ersoy S.
23rd International Conference on Vibroengineering, İstanbul, Turkey, 7 - 09 October 2016, vol.9, pp.29-32
- XXXI. **Study on tribological behavior for nano powder polymer blends**
Taşdemir M., Ersoy S.
International Science and Technology Conference (SISTEC 2016), Vienna, Austria, 13 - 15 July 2016
- XXXII. **Friction and wear performance of high density polyethylene styrene butadiene rubber polymer blends**

- ERSOY S.
International Science and Technology Conference, St Petersburg, Russia, 2 - 04 September 2015, vol.6, pp.773-776
- XXXIII. **TO MEASURE NOISE LEVELS IN SHOPPING CENTERS**
Ersoy S., Girit O.
5. Uluslararası İleri Teknolojiler Sempozyumu, Karabük, Turkey, 13 - 15 May 2013, pp.256-259
- XXXIV. **Investigation of sound properties of High Density Polyethylene / Styrene Butadiene Rubber polymer composites**
ERSOY S., El-Hafid A.
International Conference Vibroengineering - 2013, Druskininkai, Lithuania, 17 - 19 September 2013, vol.1, pp.77-80
- XXXV. **Remote Access Control Laboratory Implementation Academic Success Analysis**
ERDAL H., ERSOY S., DOĞAN B.
The 6th International Computer and Instructional Technologies Symposium, ICITS2012, Gaziantep, Turkey, 4 - 06 October 2012, pp.206
- XXXVI. **PROPERTIES OF POLYMER COMPOSITES FILLED WITH SIO₂, ZNO AND MG(OH)₂ NANO POWDER.**
TAŞDEMİR M., ERSOY S.
15th International Conference on Experimental Mechanics (ICEM), Porto, Portugal, 22 - 27 July 2012
- XXXVII. **Hassas Medikal Sıvı Akış Kontrol Otomasyonu**
Ersoy S., Korkmaz H., Coşgun E., Akar S. B.
II. Ulusal Tıp Bilişimi Kongresi - Turkmia'1, Gazimagusa, Cyprus (Kktc), 14 - 17 October 2010, pp.117-122
- XXXVIII. **AN INVESTIGATION OF SOUND ABSORPTION PROPERTIES OF THE. PLAIN AND SPACER WEFT KNITTED FABRICS**
YÜKSEK M., Akalin M., ÖZEN M. S., BEYİT A., ERSOY S.
5th International Textile, Clothing and Design Conference, Dubrovnik, Croatia, 3 - 06 October 2010, pp.768-773
- XXXIX. **MECHANICAL PROPERTIES OF BI-AXIAL GLASS FIBER AND WALNUT SHELL REINFORCED POLYESTER COMPOSITES**
SALMAN S., Akalin M., ERSOY S., Kupeli G., Okuscuk E., PAZARLIOĞLU S. S.
5th International Textile, Clothing and Design Conference, Dubrovnik, Croatia, 3 - 06 October 2010, pp.155-159
- XL. **Meslek Liselerinde Elektronik Bilgisayar Bölümlerindeki Öğrencilerin Eğitim Teknolojilerinin Kullanım Düzey Ve Görüşlerinin Belirlenmesi**
Ersoy S.
International Conference on New Horizons in Education, Gazimagusa, Cyprus (Kktc), 23 - 25 June 2010, pp.544-549
- XLI. **Quality Management for Science Education**
Ersoy S., Ruginosu T.
The International Conference Quality In Formal and Non-Formal Education, Iasi, Romania, 25 - 28 May 2010, pp.62-69
- XLII. **Learning Methods For Mechatronics Education**
Ersoy S., Ruginosu T.
Quality In Formal and Non-Formal Education, Iasi, Romania, 25 - 28 May 2010, pp.56-61
- XLIII. **The effect of a new teaching methodology on learning performances of automotive - mechatronics students**
Ersoy S., Küçük H.
2nd World Conference on Educational Sciences (WCES-2010), İstanbul, Turkey, 4 - 08 February 2010, vol.2, pp.310-316
- XLIV. **To Measure Noise Levels in Shopping Centers**
Ersoy S., Girit O.
5th International Advanced Technologies Symposium (IATS'09), May 13-15 2009, Karabük, (2009), Karabük, Turkey, 13 - 15 May 2009
- XLV. **Computer Base Education and Progress Alternative Against High Costed Material for Mechatronic Education**
Ersoy S., Görgülü S.
Frontiers in Science Education Research, Gazimagusa, Cyprus (Kktc), 22 - 24 March 2009, pp.387-391
- XLVI. **Defining of conceptions related to their department of candidate teacher of mechatronics education**
ERSOY S.
World Conference on Educational Sciences, Nicosia, CYPRUS, 4 - 07 February 2009, vol.1, pp.2117-2125
- XLVII. **Sound absorption measurements in plastic-based composites the results obtained with the expression of the statistical equations**
TOPTAŞ E., ERSOY S.
8th International Conference Vibroengineering 2009, Klaipeda, Lithuania, 16 - 18 September 2009, pp.15-18
- XLVIII. **The evaluation of the effect of the teaching model produced for automotive mechatronic on learning**
Ersoy S.
13th International Conference on Mechanika, Kaunas, Lithuania, 3 - 04 April 2008, pp.118-122
- XLIX. **Measurement of sound absorption properties of industrial organic waste material**
Yılmaz O., Ersoy S.
13th International Conference on Mechanika, Kaunas, Lithuania, 3 - 04 April 2008, pp.168-173
- L. **Sound absorption properties of industrial tea-leaf-fiber waste materials**
ERSOY S., KÜÇÜK H.
36th International Congress and Exhibition on Noise Control Engineering, INTER-NOISE 2007, İstanbul, Turkey, 28 - 31 August 2007, vol.7, pp.4336-4344
- LI. **Problems And Solutions Suggestions Regarding Job Security During Industry Training of Vocational High School Students**
Ersoy S., Ada S., Yenitepe R.
1. International Vocational and Technical Education Technologies Congress, İstanbul, Turkey, 5 - 07 September 2005, pp.713-718
- LII. **Design And Implementation of a MPS Unit Conducting Part Transfer Via Two Axes Pneumatic Arm**
Ersoy S., Yenitepe R.
1. International Vocational and Technical Education Technologies Congress, İstanbul, Turkey, 5 - 07 September 2005, pp.503-505
- LIII. **MEKATRONİK EĞİTİMİ BÖLÜMÜ ÖĞRENCİLERİNİN UYUM SORUNLARI**
Ersoy S., Yılmaz Ö., Tunçalp K.
1. International Vocational and Technical Education Technologies Congress, İstanbul, Turkey, 5 - 07 September 2004, vol.1, no.1, pp.100-105

Supported Projects

- Ersoy S., Federici S., TÜBİTAK - AB COST Project, COST Action CA20101 - Plastics monitoring detection Remediation recovery (PRIORITY), 2021 - 2025
- Ersoy S., Gültekin B. N., Project Supported by Higher Education Institutions, Oksijen Miktarının Belirlenmesi Amacıyla Biyoluminesans Enziminin Biyosensör Olarak Tasarımı ve Dizaynı, 2022 - 2023
- Ersoy S., Ekinli B., Company, Katmanlı Üretimde Kullanılacak Yeni Nesil Üretim Teknolojisi İçin Vidalı Ekstruder Tasarımı ve Üretilmesi, 2021 - 2021
- Ersoy S., Project Supported by Higher Education Institutions, GERÇEK ZAMANLI HAVA KALİTESİ ÖLÇEN İNSANSIZ HAVA ARACI SİSTEMİ, 2018 - 2019
- Ersoy S., Project Supported by Higher Education Institutions, Yapay Organlar için Pozisyon ve Boyut Belirlenmesi, 2017 - 2018
- Ersoy S., Project Supported by Higher Education Institutions, Bir Servo Motorun PLC ile Titreşim ve Sıcaklık Analizi, 2017 - 2018
- Kaplanoğlu E., Toptaş E., Ersoy S., Erasmus Project, 3D MODELLING AND APPLICATIONS FOR 3D PRINTERS AND TABS FOR VET SCHOOLS, 2016 - 2018
- Genç G., Akkuş N., Toptaş E., Ersoy S., Project Supported by Higher Education Institutions, Kabak Lifi Takiyeli Bio Kompozit Malzemelerin Dinamik ve Mekanik Özelliklerinin Belirlenmesi, 2013 - 2016
- Ersoy S., TÜBİTAK Project, Nano Polimer Kompozitlerin Ses ve Titreşim Özelliklerinin İncelenmesi, 2014 - 2015
- Ersoy S., El-Hafidi A., TÜBİTAK Project, The Study of Acoustic and Vibration Properties of Nano-Polymer Materials and Finite Element Modelling, 2014 - 2015
- Ersoy S., EU Supported Other Project, Implementing Quality Management For Better Education, 2009 - 2009

Patent

Ersoy S., Sağlık sektörü için hassas sıvı akış kontrolü otomasyon sistemi, Utility Model, CHAPTER A Human Needs, The Invention Recourse Number: 2010/01225 , Standard Registration, 2010
Ersoy S., İnfüzyon pompası otomasyonu, Utility Model, CHAPTER A Human Needs, The Invention Recourse Number: 2010/06189 , Standard Registration, 2010

Activities in Scientific Journals

npj Advanced Manufacturing, Committee Member, 2024 - Continues
International Journal of Product Sound Quality, Committee Member, 2022 - Continues
Advances in Materials Science and Engineering, Special Issue Editor, 2021 - Continues
Journal of Mechatronics and Artificial Intelligence in Engineering, Editor, 2020 - Continues
Latest Trends in Textile and Fashion Designing, Publication Committee Member, 2018 - Continues
Journal of Energy and Power Engineering, Committee Member, 2016 - Continues
Vibroengineering PROCEDIA, Committee Member, 2014 - Continues
Mathematical Models in Engineering, Committee Member, 2014 - Continues
Journal of Measurements in Engineering, Committee Member, 2014 - Continues
Journal of Vibroengineering, Committee Member, 2014 - Continues
Journal Of Nanomaterials, Special Issue Editor, 2020 - 2021

Memberships / Tasks in Scientific Organizations

JVE International, Member of Science Committee, 2019 - Continues

Scientific Refereeing

JOURNAL OF INTELLIGENT AND FUZZY SYSTEMS, SCI Journal, August 2023
MATERIALS, National Scientific Refreed Journal, March 2023
GELS, SCI Journal, February 2023
MATERIALS, SCI Journal, February 2023
MATERIALS, SCI Journal, February 2023
SENSORS, SCI Journal, February 2023
MICROMACHINES, SCI Journal, January 2023
SENSORS, SCI Journal, January 2023
MATERIALS, SCI Journal, November 2022
MATERIALS, SCI Journal, November 2022
MATERIALS, SCI Journal, November 2022
MATERIALS, SCI Journal, November 2022
Materials Chemistry Horizons, Other journals, September 2022
Tehnički glasnik - Technical Journal, Other Indexed Journal, May 2022
New Materials, Compounds and Applications, Other Indexed Journal, May 2022
TEHNICKI GLASNIK, Journal Indexed in ESCI, March 2022
IEEE ACCESS, SCI Journal, March 2022
International Journal of Advances in Engineering and Pure Sciences, Other Indexed Journal, February 2022
IEEE ACCESS, SCI Journal, February 2022
International Periodical of Recent Technologies in Applied Engineering, Other Journals, January 2022
JOURNAL OF ELASTOMERS AND PLASTICS, SCI Journal, December 2021
International Journal of 3D Printing Technologies and Digital Industry, Other Indexed Journal, October 2021
TUBİTAK Project, 2209-A - Üniversite Öğrencileri Araştırma Projeleri Destekleme Programı, Marmara University, Turkey, October 2021
TUBİTAK Project, 2209-A - Üniversite Öğrencileri Araştırma Projeleri Destekleme Programı, Marmara University, Turkey, October 2021
TUBİTAK Project, 2209-A - Üniversite Öğrencileri Araştırma Projeleri Destekleme Programı, Marmara University, Turkey, October 2021
TUBİTAK Project, 2209-A - Üniversite Öğrencileri Araştırma Projeleri Destekleme Programı, Marmara University, Turkey, October 2021
TUBİTAK Project, 2209-A - Üniversite Öğrencileri Araştırma Projeleri Destekleme Programı, Marmara University, Turkey, October 2021
SCIENTIFIC REPORTS, SCI Journal, July 2021
IEEE ACCESS, SCI Journal, June 2021
Mühendis ve Makina, Other Indexed Journal, May 2021
ROBOTICA, Journal Indexed in SCI-E, April 2021
International Advanced Researches and Engineering Journal, Other Indexed Journal, January 2021
Mühendis ve Makina, Other Indexed Journal, December 2020
Academic Studies in Engineering Sciences, Scientific / Professional Book Published by Renowned Publishing Houses, November 2020
Mühendis ve Makina, Other Indexed Journal, November 2020
Fırat Üniversitesi Mühendislik Bilimleri Dergisi, National Scientific Refreed Journal, October 2020
International Journal of 3D Printing Technologies and Digital Industry, Other Indexed Journal, September 2020
Metalurgical and Materials Engineering, Journal Indexed in ESCI, August 2020
Fırat Üniversitesi Mühendislik Bilimleri Dergisi, Other Indexed Journal, August 2020
International Journal of 3D Printing Technologies and Digital Industry, Other Indexed Journal, July 2020
Mühendis ve Makina, Other Indexed Journal, June 2020
International Advanced Researches and Engineering Journal, Other Indexed Journal, June 2020
ROBOTICA, SCI Journal, May 2020
International Advanced Researches and Engineering Journal, Other Indexed Journal, April 2020
Her Yönüyle İpsala, Scientific / Professional Book Published by Renowned Publishing Houses, March 2020
TUBİTAK Project, 1512 - Progressive Support Program for Entrepreneurship, Marmara University, Turkey, March 2020
Avrupa Bilim ve Teknoloji Dergisi, Other Indexed Journal, January 2020
TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, SCI Journal, January 2020
International Journal of 3D Printing Technologies and Digital Industry, Other Indexed Journal, January 2020
JOURNAL OF APPLIED POLYMER SCIENCE, SCI Journal, June 2019
TUBİTAK Project, 1512 - Progressive Support Program for Entrepreneurship, TUBİTAK, Turkey, June 2019

JOURNAL OF NANOPARTICLE RESEARCH, SCI Journal, March 2019

International Journal of 3D Printing Technologies and Digital Industry, Other Journals, December 2018

TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Marmara University, Turkey, July 2018

TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Marmara University, Turkey, July 2018

TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Marmara University, Turkey, July 2018

JOURNAL OF INDUSTRIAL TEXTILES, SCI Journal, February 2017

Scientific Consultations

AR-TT LTD STI, Project Consultancy, Marmara University, Faculty of Technology, Mechatronic Engineering, Turkey, 2022 - 2023

Enformak Tasarım Merkezi, Project Consultancy, Marmara University, Faculty of Technology, Mechatronic Engineering, Turkey, 2021 - 2021

Tasks In Event Organizations

Ersoy S., Noise and vibrations in mechatronic with industrial application, Scientific Congress, İstanbul, Turkey, Haziran 2022

Ersoy S., 57th International JVE Conference, Scientific Congress, İstanbul, Turkey, Haziran 2022

Ersoy S., 1st International Symposium on Innovative Approaches in Scientific Studies, Scientific Congress, Antalya, Turkey, Nisan 2018

Ersoy S., 2016 International Conference on Innovative Engineering and Technology Application, Scientific Congress, Shenzhen, China, Aralık 2016

Ersoy S., Vibroengineering on Modeling, Identification and Fault Detection in Oil and Gas Equipment and Infrastructures, Scientific Congress, İstanbul, Turkey, Eylül 2016

Ersoy S., The 3rd International Conference on Applied Mechanics, Mechatronics and Intelligent System (AMMIS2015), Scientific Congress, Nanjing, China, Temmuz 2015

Mobility Activity

Post Doc, Post Doc, Technische Universitaet Braunschweig, Germany, 2023 - Continues

Post Doc, Post Doc, Universite de Bourgogne, France, 2014 - 2015

Metrics

Publication: 135

Citation (WoS): 263

Citation (Scopus): 460

H-Index (WoS): 6

H-Index (Scopus): 7

Awards

Ersoy S., Baş Değerlendirici, Sanayi Bakanlığı Stratejik Araştırmalar Ve Verimlilik Genel Müdürlüğü, December 2021

Ersoy S., Akademik Çalışma, Marmara Üniversitesi Teknoloji Fakültesi, March 2016

Ersoy S., Akademik Başarı Teşvik, Marmara Üniversitesi Teknoloji Fakültesi, March 2016

Ersoy S., Taşdemir M., Yayın Teşvik Ödülü, Tübitak Ulakbim, November 2015

Ersoy S., Taşdemir M., Yayın Teşvik Ödülü, Tübitak Ulakbim, August 2015

Ersoy S., Taşdemir M., Yayın Teşvik Ödülü, Tübitak Ulakbim, December 2014

Ersoy S., Taşdemir M., Yayın Teşvik Ödülü, Tübitak Ulakbim, March 2014

Ersoy S., Karatepe Mumcu Y., Yayın Teşvik Ödülü, Tübitak Ulakbim, December 2012

Ersoy S., Mansiyon Ödülü, Pagev, December 2012

Ersoy S., 129. Yıl Başarı Ödülleri Mesleki ve Teknik Eğitim Patent Ödülü, Marmara Üniversitesi, January 2012

Ersoy S., Küçük H., Yayın Teşvik Ödülü, Tübitak Ulakbim, February 2009

Visual Activities

Ersoy S., Journal of Mechatronics and Artificial Intelligence in Engineering, Journal Publishing, 2020 - Continues

Non Academic Experience

AR-TT

Enformak Tasarım Merkezi