

Doç. Dr. SAVAŞ EVRAN

Kişisel Bilgiler

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Uluslararası Araştırmacı ID'leri

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Publons / Web Of Science ResearcherID: LWI-7458-2024

ScopusID: 55839982600

Yoksis Araştırmacı ID: 27168

Eğitim Bilgileri

Doktora, Pamukkale Üniversitesi, Fen Bilimleri Enstitüsü, Makine Mühendisliği, Türkiye 2010 - 2015

Yüksek Lisans, Marmara Üniversitesi, Fen Bilimleri Enstitüsü, Makine Eğitimi Anabilim Dalı, Türkiye 2007 - 2009

Araştırma Alanları

Enerji, Makina Teorisi ve Dinamiği, Sonlu Elemanlar Yöntemi, Matematiksel Modelleme teknikleri

Akademik İdari Deneyim

Akademik Gelişim Birimi Koordinatörlüğü, Marmara Üniversitesi, Rektörlük, 2024 - Devam Ediyor

BAP Bilimsel Komisyon Üyesi, Marmara Üniversitesi, Rektörlük, 2024 - Devam Ediyor

Sürdürülebilirlik Ofisi Koordinatörlüğü, Marmara Üniversitesi, Rektörlük, 2024 - Devam Ediyor

Sabotek Yönetim Kurulu Üyesi, Marmara Üniversitesi, Rektörlük, 2024 - Devam Ediyor

Dijital Dönüşüm ve Veri Yönetim Koordinatörlüğü, Marmara Üniversitesi, Rektörlük, 2024 - Devam Ediyor

Müfredat Komisyon Üyesi, Marmara Üniversitesi, Uygulamalı Bilimler Fakültesi, 2023 - Devam Ediyor

Rektör Danışmanı, Marmara Üniversitesi, Rektörlük, 2023 - Devam Ediyor

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- CFD analysis of particle shape and Reynolds number on heat transfer characteristics of nanofluid in heated tube**
Evrans S., Kurt M.
Open Physics, cilt.22, sa.1, ss.20240046, 2024 (SCI-Expanded)
- Influence of curing time on the experimental and numerical analysis of 3D printed gelatin methacryloyl (GELMA) membranes**
Ayran M., ULAĞ S., Ervan S., GÜNDÜZ O.
Materials Letters, cilt.363, 2024 (SCI-Expanded)
- CFD and statistical analysis of flow mass ratios on temperature and pressure drops of double pipe heat exchanger**
Evrans S., Kurt M.

- INTERNATIONAL JOURNAL OF LOW CARBON TECHNOLOGIES, cilt.18, ss.771-780, 2023 (SCI-Expanded)
- IV. **Numerical analysis of fluid type and flow mass rate on logarithmic temperature difference and heat transfer coefficient of double pipe heat exchanger**
EVRAN S., KURT M.
Numerical Heat Transfer; Part A: Applications, 2023 (SCI-Expanded)
- V. **Surface roughness and material removal rate analyses of hard copper alloy in wire electrical discharge machining**
EVRAN S.
EMERGING MATERIALS RESEARCH, cilt.9, sa.3, ss.730-737, 2020 (SCI-Expanded)
- VI. **Experimental and statistical free vibration analyses of laminated composite beams with functionally graded fiber orientation angles**
EVRAN S.
POLYMERS & POLYMER COMPOSITES, cilt.28, sa.7, ss.513-520, 2020 (SCI-Expanded)
- VII. **Numerical and statistical buckling analysis of laminated composite plates with functionally graded fiber orientation angles**
EVRAN S.
POLYMERS & POLYMER COMPOSITES, cilt.28, sa.7, ss.502-512, 2020 (SCI-Expanded)
- VIII. **Free vibration analysis of axially layered functionally graded short beams using experimental and finite element methods**
Yilmaz Y., EVRAN S.
SCIENCE AND ENGINEERING OF COMPOSITE MATERIALS, cilt.23, sa.4, ss.453-460, 2016 (SCI-Expanded)
- IX. **Buckling Analyses of Axially Functionally Graded Nonuniform Columns with Elastic Restraint Using a Localized Differential Quadrature Method**
Yilmaz Y., Girgin Z., Evran S.
MATHEMATICAL PROBLEMS IN ENGINEERING, cilt.2013, 2013 (SCI-Expanded)

Diğer Dergilerde Yayınlanan Makaleler

- I. **Numerical and Statistical Aerodynamic Performance Analysis of NACA0009 and NACA4415 Airfoils**
Evrans S., Yildir S. Z.
JOURNAL OF POLYTECHNIC-POLITEKNIK DERGISI, cilt.27, sa.3, 2024 (ESCI)
- II. **Numerical evaluation of material type on topology optimization of thin square plates**
EVRAN S., KURT M.
Journal of Materials and Manufacturing, cilt.3, sa.1, ss.1-7, 2024 (Hakemli Dergi)
- III. **Effects of Forces and Material Types on Fatigue Analysis of Beams**
EVRAN S.
Celal Bayar Üniversitesi Fen Bilimleri Dergisi, cilt.19, sa.4, ss.315-321, 2023 (Hakemli Dergi)
- IV. **Effect of material type, cutout shape and temperature on stress and deformation analyses of thin plates**
EVRAN S.
Journal of Materials and Manufacturing, cilt.1, sa.2, ss.10-16, 2022 (Hakemli Dergi)
- V. **Impacts of Valve Angle and Fluid Velocity on Pressure Drop in Pipe Flow**
EVRAN S.
International Journal of Engineering Science And Application, cilt.6, sa.3, ss.73-77, 2022 (Hakemli Dergi)
- VI. **Effects of Fiber Type and Number of Layers on Modal Analysis of Laminated Composite Plates**
EVRAN S., YILMAZ Y.
ALKU Journal of Science, cilt.4, sa.2, ss.63-70, 2022 (Hakemli Dergi)
- VII. **Eigenvalue Buckling Analysis of Beams with Different Width and Square Cutout**
EVRAN S., Yildir S. Z.
Aksaray University Journal of Science and Engineering, cilt.6, sa.1, ss.71-78, 2022 (Hakemli Dergi)

- VIII. **Buckling Analysis of Cantilever Laminated Hybrid Composite Plates using Finite Element and Statistical Methods**
EVRAN S.
ALKU Journal of Science, cilt.3, sa.3, ss.1-8, 2021 (Hakemli Dergi)
- IX. **Evaluation of Cross-Section and Wing Length in Free Vibration Analysis of Aircraft Wings**
EVRAN S., KURT M., KURT A.
Journal of aviation (Online), cilt.4, sa.2, ss.17-24, 2020 (Hakemli Dergi)
- X. **Investigation of Effects of Fiber Orientation Angles on Deflection Behavior of Cantilever Laminated Composite Square Plates**
EVRAN S.
JOURNAL OF POLYTECHNIC-POLITEKNIK DERGISI, cilt.23, sa.3, ss.633-639, 2020 (ESCI)
- XI. **THREE-DIMENSIONAL MODAL ANALYSIS OF BEAMS WITH TRIANGULAR AND HEXAGONAL CROSS SECTIONS USING DIFFERENT CERAMIC MATERIALS**
EVRAN S.
International Journal of Engineering and Innovative Research, cilt.2, sa.2, ss.129-136, 2020 (Hakemli Dergi)
- XII. **Investigation of Peak Power and Technology of Photovoltaic In Energy Output According To System Loss**
EVRAN S., DENİZ O.
International Journal of Engineering and Innovative Research, cilt.2, sa.1, ss.1-7, 2020 (Hakemli Dergi)
- XIII. **Evaluation of Effects of Orientation Angle and Mounting Position of PV Modules in Energy Output for Different Longitudes**
EVRAN S., DENİZ O.
International Journal of Engineering and Innovative Research, cilt.2, sa.1, ss.54-60, 2020 (Hakemli Dergi)
- XIV. **Buckling Temperature Analysis of Laminated Composite Plates with Circular and Semicircular Holes**
EVRAN S.
Eskişehir Technical University Journal of Science and and Technology A- Applied Sciences and Engineering, cilt.21, sa.1, ss.173-181, 2020 (Hakemli Dergi)
- XV. **Finite element analysis of thermal stress of laminated composite plates using Taguchi method**
EVRAN S.
Manas Journal of Engineering, cilt.7, sa.2, ss.121-125, 2019 (Hakemli Dergi)
- XVI. **Thermal Buckling Analysis of Axially Layered Functionally Graded Thin Beams under Clamped-Clamped Boundary Conditions**
EVRAN S.
JOURNAL OF POLYTECHNIC-POLITEKNIK DERGISI, cilt.22, sa.4, ss.1069-1074, 2019 (ESCI)
- XVII. **Twisting Angle Analysis of Laminated Composite Plates using Numerical and Statistical Methods**
EVRAN S.
Süleyman Demirel Üniversitesi Fen Bilimleri Enstitüsü Dergisi, cilt.23, sa.2, ss.190-195, 2019 (Hakemli Dergi)
- XVIII. **Investigation of Effects of Layer Positions on Mechanical Buckling Behavior of Axially Layered Functionally Graded Beams**
EVRAN S.
PAMUKKALE UNIVERSITY JOURNAL OF ENGINEERING SCIENCES-PAMUKKALE UNIVERSITESI MUHENDISLIK BILIMLERI DERGISI, cilt.25, sa.1, ss.20-26, 2019 (ESCI)
- XIX. **Thermal Stress Analysis of Axially Layered Functionally Graded Beams Using Finite Element and Taguchi Methods**
EVRAN S.
Anadolu Üniversitesi Bilim ve Teknoloji Dergisi :A-Uygulamalı Bilimler ve Mühendislik, cilt.19, sa.4, ss.858-866, 2018 (Hakemli Dergi)
- XX. **Analysis of Angle of Twist of Axially Layered Functionally Graded Circular Hollow Shafts**
EVRAN S.
Süleyman Demirel Üniversitesi Fen Bilimleri Enstitüsü Dergisi, cilt.22, sa.Özel, ss.556-560, 2018 (Hakemli Dergi)
- XXI. **Critical Buckling Load Analysis of Layered Functionally Graded Shell Structures**

EVREN S.

Dokuz Eylül Üniversitesi Mühendislik Fakültesi Fen ve Mühendislik Dergisi, cilt.20, sa.59, ss.585-595, 2018
(Hakemli Dergi)

XXII. Natural Frequency Analysis of Layered Functionally Graded Beams

EVREN S.

Anadolu Üniversitesi Bilim ve Teknoloji Dergisi :A-Uygulamalı Bilimler ve Mühendislik, cilt.19, sa.1, ss.83-94, 2018
(Hakemli Dergi)

XXIII. Bending Stress Analysis of Axially Layered Functionally Graded Beams

EVREN S.

ENGINEERING SCIENCES, cilt.7, sa.1, ss.390-398, 2018 (Hakemli Dergi)

XXIV. Numerical First Mode Frequency Analysis of Axially Layered Functionally Graded Tapered Beams

EVREN S.

ENGINEERING SCIENCES, cilt.7, sa.1, ss.399-406, 2018 (Hakemli Dergi)

XXV. The effects of layer arrangements on fundamental frequency of layered beams in axial direction

EVREN S., YILMAZ Y.

SAKARYA UNIVERSITY JOURNAL OF SCIENCE, cilt.21, sa.5, ss.968-977, 2017 (Hakemli Dergi)

Kitaplar

I. Current Developments in Biosensor Applications and Smart Strategies

Karakuş S., Küçükdeniz T., Evren S., Kurt M.

Current Developments in Biosensor Applications and Smart Strategies, Selcan Karakuş, Editör, IntechOpen, London, ss.1-12, 2025

Hakemli Bilimsel Toplantılarda Yayımlanmış Bildiriler

I. Effect of Cutout Shape and Material Type on Modal Analysis of Plates

EVREN S., KURT M.

6. International New York Academic Research Congress, Türkiye, 12 Kasım 2022, ss.1-5

II. Evaluation of Torques and Transverse Holes in the Total Deformation of Shafts

EVREN S., KURT M.

11. International Istanbul Scientific Research Congress, İstanbul, Türkiye, 15 Ekim 2022, ss.117-121

III. Impact of Hole Numbers on Modal Analysis of Square Plates with Different Thicknesses

EVREN S., Yıldır S. Z.

International Technology Sciences and Design Symposium, Giresun, Türkiye, 02 Haziran 2022, ss.149-152

IV. Effects of Fluid Inlet Temperature and Velocity on Fluid Outlet in Pipe Flow

EVREN S.

5. International "Başkent" Congress on Physical, Social and Health Sciences, Türkiye, 11 - 12 Haziran 2022, ss.46-49

V. Evaluation of Compression Force and Hole Size on Von Mises Stress of Plates

EVREN S., Yıldır S. Z.

8. Science Days, İstanbul, Türkiye, 09 Mayıs 2022, ss.64

VI. Daily Average Global Solar Irradiance Analysis of Different Locations Based on Months and Hours

EVREN S., Gökbel E., Acar E., Ünlü M. N., Yıldır S. Z., Aslan S. S.

8. International Istanbul Scientific Research Congress, İstanbul, Türkiye, 12 Mart 2022, ss.697-703

VII. Effect of Hole Positions on Displacement Behavior of Beams with Different Thicknesses

EVREN S., KURT M.

3. International Halich Congress on Multidisciplinary Scientific Research, İstanbul, Türkiye, 12 Mart 2022, ss.292-296

VIII. Evaluation of Effects of Stacking Sequence, Element Type, and Mesh Size on Modal Analysis of

Laminated Composite Plates Using Finite Element and Taguchi Methods

EVREN S.

4rd International Congress on Engineering, Architecture and Design, 23 - 24 Nisan 2019, ss.1133-1143

IX. Static Analysis of Layered Functionally Graded Square Plates

EVREN S., YILMAZ Y.

1st International Symposium on Light Alloys and Composite Materials, Karabük, Türkiye, 22 - 24 Mart 2018, ss.159-164

X. Finite Element Analysis of Temperature and Heat Conduction of Layered Functionally Graded Plates in Axial Direction Using Taguchi Method

EVREN S.

1st International Eurasian Conference on Science, Engineering and Technology (EurasianSciEnTech 2018), Ankara, Türkiye, 22 - 23 Kasım 2018, ss.386-393

XI. Experimental and Numerical Buckling Analysis of Axially Layered Functionally Graded Short Beams

YILMAZ Y., ALKAN V., ÇALLIOĞLU H., EVREN S.

16th International Materials Symposium IMSP'2016, Denizli, Türkiye, 12 Ekim - 14 Ocak 2016, ss.729-737

XII. Çok Katmanlı TiC, SiC ve Paslanmaz Bir Çelik Kirişte Eğilme Gerilmesinin Analitik ve Sonlu Elemanlar Yöntemiyle Analizi ve Belirlenmesi

MOTORCU A. R., EVREN S.

6. Mühendislik ve Teknoloji Sempozyumu, Ankara, Türkiye, 25 - 26 Nisan 2013, ss.133-137