

Assoc. Prof. MUSTAFA ÖZGÜR YAYLI

Personal Information

Email: ozguryayli@uludag.edu.tr

Web: <https://avesis.uludag.edu.tr/ozguryayli>

International Researcher IDs

ScholarID: gK_U1IUAAAAJ

ORCID: 0000-0003-2231-170X

Publons / Web Of Science ResearcherID: AAJ-6390-2021

ScopusID: 44661926700

Yoksis Researcher ID: 30571

Education Information

Doctorate, Istanbul Technical University, Fen Bilimleri Enstitüsü, Yapı Mühendisliği (Dr), Turkey 2007 - 2010

Postgraduate, Istanbul Technical University, Fen Bilimleri Enstitüsü, Yapı Mühendisliği (YI) (Tezli), Turkey 2001 - 2004

Undergraduate, Ondokuz Mayıs University, Faculty Of Engineering, Department Of Civil Engineering, Turkey 1996 - 2000

Foreign Languages

English, C1 Advanced

Research Areas

Engineering and Technology

Academic Titles / Tasks

Associate Professor, Bursa Uludağ University, Mühendislik Fakültesi, İnşaat Mühendisliği, 2017 - Continues

Assistant Professor, Bursa Uludağ University, Mühendislik Fakültesi, İnşaat Mühendisliği, 2016 - 2017

Assistant Professor, Bilecik Seyh Edebali University, Faculty Of Engineering, Department Of Civil Engineering, 2012 - 2016

Academic and Administrative Experience

Deputy Head of Department, Bursa Uludağ University, Mühendislik Fakültesi, İnşaat Mühendisliği, 2016 - 2020

Deputy Head of Department, Bilecik Seyh Edebali University, Faculty Of Engineering, Department Of Civil Engineering, 2014 - 2016

Courses

Yapıların Stabilitesi, Postgraduate, 2016 - 2017

Mukavemet 1, Undergraduate, 2016 - 2017

Sonlu Elemanlara Giriş, Undergraduate, 2016 - 2017

Advising Theses

Yaylı M. Ö. , Bir çerçeve sistemin klasik ve değiştirilmiş gerilme çifti teorisine göre statik analizi, Postgraduate, A.YİĞİTOĞLU(Student), 2021

YAYLI M. Ö. , Free axial vibration analysis of nanoscaled rods embedded in an elastic medium via Rayleigh and nonlocal elasticity theory, Postgraduate, T.Küpeli(Student), 2020

YAYLI M. Ö. , Free axial vibration of Rayleigh nanorods based on nonlocal elasticity theory, Postgraduate, Y.Harun(Student), 2020

YAYLI M. Ö. , Longitudinal vibration analysis of carbon nanotubes with elastically restrained ends using doublet mechanics, Postgraduate, E.Asa(Student), 2019

Yaylı M., Vibration analysis of a functionally graded nanobeam with different boundary conditions using finite element method, Postgraduate, B.Uzun(Student), 2019

YAYLI M. Ö. , Buckling analysis and dynamic analysis of steel fiber column with different cross-section and boundary conditions using euler-bernoulli beam theory, Postgraduate, M.Tunahan(Student), 2019

Yaylı M., Free vibration analysis of timoshenko beams with general elastic boundary conditions, Postgraduate, H.Gün(Student), 2018

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Size dependent torsional vibration of a restrained single walled carbon nanotube (SWCNT) via nonlocal strain gradient approach**
Uzun B., Civalek Ö., Yaylı M. Ö.
MATERIALS TODAY COMMUNICATIONS, vol.104271, pp.1-20, 2022 (Peer-Reviewed Journal)
- II. **Porosity dependent torsional vibrations of restrained FG nanotubes using modified couple stress theory**
Uzun B., Yaylı M. Ö.
MATERIALS TODAY COMMUNICATIONS, vol.103969, pp.1-15, 2022 (Peer-Reviewed Journal)
- III. **Size-Dependent Vibration of Porous Bishop Nanorod with Arbitrary Boundary Conditions and Nonlocal Elasticity Effects**
Uzun B., Kafkas U., Deliktaş B., Yaylı M. Ö.
JOURNAL OF VIBRATION ENGINEERING & TECHNOLOGIES, vol.7, pp.1-18, 2022 (Peer-Reviewed Journal)
- IV. **Torsional and longitudinal vibration analysis of a porous nanorod with arbitrary boundaries**
CİVALEK Ö., UZUN B., YAYLI M. Ö.
Physica B: Condensed Matter, vol.633, 2022 (Peer-Reviewed Journal)
- V. **A Fourier sine series solution of static and dynamic response of nano/micro-scaled FG rod under torsional effect**
Civalek Ö., Uzun B., Yaylı M. Ö.
ADVANCES IN NANO RESEARCH, vol.12, no.5, pp.467-482, 2022 (Peer-Reviewed Journal)
- VI. **An effective analytical method for buckling solutions of a restrained FGM nonlocal beam**
Civalek O., UZUN B., YAYLI M. Ö.
COMPUTATIONAL & APPLIED MATHEMATICS, vol.41, no.2, 2022 (Peer-Reviewed Journal)
- VII. **An eigenvalue solution for torsional vibrations of restrained porous nanorods using doublet mechanics theory**
Uzun B., Civalek Ö., Yaylı M. Ö.
Journal Of The Brazilian Society Of Mechanical Sciences And Engineering, vol.44, no.116, pp.1-15, 2022 (Peer-Reviewed Journal)

- VIII. **Finite element formulation for nano-scaled beam elements**
Civalek Ö., Uzun B., Yaylı M. Ö.
ZAMM Zeitschrift für Angewandte Mathematik und Mechanik, vol.102, no.3, 2022 (Peer-Reviewed Journal)
- IX. **Torsional vibrations of functionally graded restrained nanotubes**
CİVALEK Ö., UZUN B., YAYLI M. Ö.
European Physical Journal Plus, vol.137, no.1, 2022 (Peer-Reviewed Journal)
- X. **Comparison of the Effect of Ketamine and Dexmedetomidine Combined with Total Intravenous Anesthesia in Laparoscopic Cholecystectomy Procedures: A Prospective Randomized Controlled Study**
Mercanoglu E. E. , Kelebek N. G. , Turker G., Aksu H., YAYLI M. Ö. , Karakuzu Z., Turkcan S., Ozcan B.
International Journal of Clinical Practice, vol.2022, 2022 (Peer-Reviewed Journal)
- XI. **Buckling analysis of nanobeams with deformable boundaries via doublet mechanics**
Civalek O., UZUN B., YAYLI M. Ö.
ARCHIVE OF APPLIED MECHANICS, vol.91, no.12, pp.4765-4782, 2021 (Peer-Reviewed Journal)
- XII. **Size-Dependent Free Vibration of Silicon Nanobeams with Different Boundary Conditions and Beam Theories**
UZUN B., YAYLI M. Ö.
ACTA PHYSICA POLONICA A, vol.140, no.2, pp.161-174, 2021 (Peer-Reviewed Journal)
- XIII. **Free vibration analysis of nanotube based sensors including rotary inertia based on the Rayleigh beam and modified couple stress theories**
Uzun B., Kafkas U., Yaylı M. Ö.
MICROSYSTEM TECHNOLOGIES-MICRO-AND NANOSYSTEMS-INFORMATION STORAGE AND PROCESSING SYSTEMS, vol.27, no.5, pp.1913-1923, 2021 (Peer-Reviewed Journal)
- XIV. **Vibration analysis of steel fiber reinforced self-compacting concrete beam on elastic foundation**
Ozdemir M. T. , Kobya V., YAYLI M. Ö. , MARDANI AGHABAGLOU A.
COMPUTERS AND CONCRETE, vol.27, no.2, pp.85-97, 2021 (Peer-Reviewed Journal)
- XV. **Buckling analysis of restrained nanobeams using strain gradient elasticity**
YAYLI M. Ö. , UZUN B., DELİKTAŞ B.
WAVES IN RANDOM AND COMPLEX MEDIA, 2021 (Peer-Reviewed Journal)
- XVI. **Longitudinal vibration analysis of FG nanorod restrained with axial springs using doublet mechanics**
CİVALEK Ö., UZUN B., YAYLI M. Ö.
Waves in Random and Complex Media, 2021 (Peer-Reviewed Journal)
- XVII. **Stability analysis of restrained nanotubes placed in electromagnetic field**
Uzun B., Kafkas U., Yaylı M. Ö.
MICROSYSTEM TECHNOLOGIES-MICRO-AND NANOSYSTEMS-INFORMATION STORAGE AND PROCESSING SYSTEMS, vol.26, no.12, pp.3725-3736, 2020 (Peer-Reviewed Journal)
- XVIII. **Stability analysis of nanobeams placed in electromagnetic field using a finite element method**
Civalek Ö., Uzun B., Yaylı M. Ö.
Arabian Journal of Geosciences, vol.13, 2020 (Peer-Reviewed Journal)
- XIX. **Frequency, bending and buckling loads of nanobeams with different cross sections**
Civalek O., Uzun B., Yaylı M. Ö.
ADVANCES IN NANO RESEARCH, vol.9, pp.91-104, 2020 (Peer-Reviewed Journal)
- XX. **Axial vibration analysis of a Rayleigh nanorod with deformable boundaries**
Yaylı M. Ö.
MICROSYSTEM TECHNOLOGIES-MICRO-AND NANOSYSTEMS-INFORMATION STORAGE AND PROCESSING SYSTEMS, vol.26, pp.2661-2671, 2020 (Peer-Reviewed Journal)
- XXI. **Axial dynamic analysis of a Bishop nanorod with arbitrary boundary conditions**
Uzun B., Kafkas U., Yaylı M. Ö.
ZAMM-ZEITSCHRIFT FÜR ANGEWANDTE MATHEMATIK UND MECHANIK, 2020 (Peer-Reviewed Journal)
- XXII. **Size-dependent transverse and longitudinal vibrations of embedded carbon and silica carbide nanotubes by nonlocal finite element method**

- Civalek O, Uzun B, Yaylı M. Ö. , Akgöz B.
EUROPEAN PHYSICAL JOURNAL PLUS, vol.135, 2020 (Peer-Reviewed Journal)
- XXIII. **Nonlocal vibration analysis of Ti-6Al-4V/ZrO2 functionally graded nanobeam on elastic matrix**
Uzun B., Yaylı M. Ö.
ARABIAN JOURNAL OF GEOSCIENCES, vol.13, 2020 (Peer-Reviewed Journal)
- XXIV. **Longitudinal vibration of carbon nanotubes with elastically restrained ends using doublet mechanics**
Yaylı M. Ö. , Asa E.
MICROSYSTEM TECHNOLOGIES-MICRO-AND NANOSYSTEMS-INFORMATION STORAGE AND PROCESSING SYSTEMS, vol.26, pp.499-508, 2020 (Peer-Reviewed Journal)
- XXV. **Free vibration of FG nanobeam using a finite-element method**
Uzun B., Yaylı M. Ö. , Deliktaş B.
MICRO & NANO LETTERS, vol.15, pp.35-40, 2020 (Peer-Reviewed Journal)
- XXVI. **Vibration of FG nano-sized beams embedded in Winkler elastic foundation and with various boundary conditions**
Uzun B., Civalek Ö., Yaylı M. Ö.
Mechanics Based Design of Structures and Machines, 2020 (Peer-Reviewed Journal)
- XXVII. **Free vibration analysis of a rotationally restrained (FG) nanotube**
YAYLI M. Ö.
MICROSYSTEM TECHNOLOGIES-MICRO-AND NANOSYSTEMS-INFORMATION STORAGE AND PROCESSING SYSTEMS, vol.25, no.10, pp.3723-3734, 2019 (Peer-Reviewed Journal)
- XXVIII. **Torsional vibration of cracked carbon nanotubes with torsional restraints using Eringen's nonlocal differential model**
YAYLI M. Ö. , YEREL KANDEMİR S., ÇERÇEVİK A. E.
JOURNAL OF LOW FREQUENCY NOISE VIBRATION AND ACTIVE CONTROL, vol.38, no.1, pp.70-87, 2019 (Peer-Reviewed Journal)
- XXIX. **Effects of rotational restraints on the thermal buckling of carbon nanotube**
YAYLI M. Ö.
MICRO & NANO LETTERS, vol.14, no.2, pp.158-162, 2019 (Peer-Reviewed Journal)
- XXX. **On the torsional vibrations of restrained nanotubes embedded in an elastic medium**
YAYLI M. Ö.
JOURNAL OF THE BRAZILIAN SOCIETY OF MECHANICAL SCIENCES AND ENGINEERING, vol.40, no.9, 2018 (Peer-Reviewed Journal)
- XXXI. **Torsional vibrations of restrained nanotubes using modified couple stress theory**
YAYLI M. Ö.
MICROSYSTEM TECHNOLOGIES-MICRO-AND NANOSYSTEMS-INFORMATION STORAGE AND PROCESSING SYSTEMS, vol.24, no.8, pp.3425-3435, 2018 (Peer-Reviewed Journal)
- XXXII. **Free longitudinal vibration of a nanorod with elastic spring boundary conditions made of functionally graded material**
YAYLI M. Ö.
MICRO & NANO LETTERS, vol.13, no.7, pp.1031-1035, 2018 (Peer-Reviewed Journal)
- XXXIII. **An efficient solution method for the longitudinal vibration of nanorods with arbitrary boundary conditions via a hardening nonlocal approach**
YAYLI M. Ö.
JOURNAL OF VIBRATION AND CONTROL, vol.24, no.11, pp.2230-2246, 2018 (Peer-Reviewed Journal)
- XXXIV. **Torsional vibration analysis of nanorods with elastic torsional restraints using non-local elasticity theory**
YAYLI M. Ö.
MICRO & NANO LETTERS, vol.13, no.5, pp.595-599, 2018 (Peer-Reviewed Journal)
- XXXV. **Free vibration analysis of a single-walled carbon nanotube embedded in an elastic matrix under rotational restraints**
YAYLI M. Ö.

- MICRO & NANO LETTERS, vol.13, no.2, pp.202-206, 2018 (Peer-Reviewed Journal)
- XXXVI. **Buckling analysis of Euler columns embedded in an elastic medium with general elastic boundary conditions**
YAYLI M. Ö.
MECHANICS BASED DESIGN OF STRUCTURES AND MACHINES, vol.46, no.1, pp.110-122, 2018 (Peer-Reviewed Journal)
- XXXVII. **Buckling analysis of a cantilever single-walled carbon nanotube embedded in an elastic medium with an attached spring**
YAYLI M. Ö.
MICRO & NANO LETTERS, vol.12, no.4, pp.255-259, 2017 (Peer-Reviewed Journal)
- XXXVIII. **A compact analytical method for vibration of micro-sized beams with different boundary conditions**
YAYLI M. Ö.
MECHANICS OF ADVANCED MATERIALS AND STRUCTURES, vol.24, no.6, pp.496-508, 2017 (Peer-Reviewed Journal)
- XXXIX. **Buckling analysis of a microbeam embedded in an elastic medium with deformable boundary conditions**
YAYLI M. Ö.
MICRO & NANO LETTERS, vol.11, no.11, pp.741-745, 2016 (Peer-Reviewed Journal)
- XL. **A practical method for calculating eigenfrequencies of a cantilever microbeam with the attached tip mass**
YAYLI M. Ö. , YEREL KANDEMİR S., ÇERÇEVİK A. E.
JOURNAL OF VIBROENGINEERING, vol.18, no.5, pp.3070-3077, 2016 (Peer-Reviewed Journal)
- XLI. **A compact analytical method for vibration analysis of single-walled carbon nanotubes with restrained boundary conditions**
Yayli M. Ö.
JOURNAL OF VIBRATION AND CONTROL, vol.22, no.10, pp.2542-2555, 2016 (Peer-Reviewed Journal)
- XLII. **Longitudinal vibration of nanorods embedded in an elastic medium with elastic restraints at both ends**
Yayli M. Ö. , Yanik F., Kandemir S. Y.
MICRO & NANO LETTERS, vol.10, no.11, pp.641-644, 2015 (Peer-Reviewed Journal)
- XLIII. **Stability analysis of gradient elastic microbeams with arbitrary boundary conditions**
Yayli M. Ö.
JOURNAL OF MECHANICAL SCIENCE AND TECHNOLOGY, vol.29, no.8, pp.3373-3380, 2015 (Peer-Reviewed Journal)
- XLIV. **Buckling Analysis of a Rotationally Restrained Single Walled Carbon Nanotube**
Yayli M. Ö.
ACTA PHYSICA POLONICA A, vol.127, no.3, pp.678-683, 2015 (Peer-Reviewed Journal)
- XLV. **Axial vibration analysis of cracked nanorods with arbitrary boundary conditions**
Yayli M. Ö. , Çerçevik A. E.
Journal of Vibroengineering, vol.17, no.6, pp.2907-2921, 2015 (Peer-Reviewed Journal)
- XLVI. **On the axial vibration of carbon nanotubes with different boundary conditions**
Yayli M. Ö.
MICRO & NANO LETTERS, vol.9, no.11, pp.807-811, 2014 (Peer-Reviewed Journal)
- XLVII. **Variational Iteration Technique and Weighted Residual Methods for Gradient Elastic Microbeams**
Yayli M. Ö.
JOURNAL OF COMPUTATIONAL AND THEORETICAL NANOSCIENCE, vol.11, no.9, pp.2023-2033, 2014 (Peer-Reviewed Journal)
- XLVIII. **An Efficient Analytical Method for Vibration Analysis of a Beam on Elastic Foundation with Elastically Restrained Ends**
Yayli M. Ö. , Aras M., Aksoy S.
SHOCK AND VIBRATION, vol.2014, 2014 (Peer-Reviewed Journal)

- XLIX. Free Vibration Behavior of a Gradient Elastic Beam with Varying Cross Section**
 Yaylı M. Ö.
 SHOCK AND VIBRATION, vol.2014, 2014 (Peer-Reviewed Journal)
- L. Torsion of Nonlocal Bars with Equilateral Triangle Cross Sections**
 Yaylı M. Ö.
 JOURNAL OF COMPUTATIONAL AND THEORETICAL NANOSCIENCE, vol.10, no.2, pp.376-379, 2013 (Peer-Reviewed Journal)
- LI. Closed-Form Solutions for Gradient Elastic Beams with Geometric Discontinuities by Laplace Transform**
 Yaylı M. Ö.
 MATHEMATICAL PROBLEMS IN ENGINEERING, vol.2013, 2013 (Peer-Reviewed Journal)
- LII. Weak Formulation of Finite Element Method for Nonlocal Beams Using Additional Boundary Conditions**
 Yaylı M. Ö.
 JOURNAL OF COMPUTATIONAL AND THEORETICAL NANOSCIENCE, vol.8, no.11, pp.2173-2180, 2011 (Peer-Reviewed Journal)
- LIII. Airy Stress Functions for Transverse Sinusoidally Loaded Beam in Nonlocal Elasticity**
 Yaylı M. Ö.
 JOURNAL OF COMPUTATIONAL AND THEORETICAL NANOSCIENCE, vol.8, no.10, pp.2006-2012, 2011 (Peer-Reviewed Journal)
- LIV. Stability analysis of a gradient elastic beam using finite element method**
 Yaylı M. Ö.
 International Journal of Physical Sciences, vol.6, no.12, pp.2844-2851, 2011 (Peer-Reviewed Journal)

Articles Published in Other Journals

- I. Free Vibration Response of a Steel Liquid Storage Tank with Porous and Perforated Columns via an Exact Continuum Method**
 Küpeli T., Çavuş Y. H. , Uzun B., Yaylı M. Ö.
 GAZI UNIVERSITY JOURNAL OF SCIENCE, vol.1, pp.1-9, 2024 (Peer-Reviewed Journal)
- II. A Finite Element Solution for Bending Analysis of a Nanoframe using Modified Couple Stress Theory**
 Uzun B., Yaylı M. Ö.
 International Journal of Engineering and Applied Sciences, vol.14, no.1, pp.1-14, 2022 (Peer-Reviewed Journal)
- III. Free vibration analysis of steel liquid storage tank with functionally graded column based on modified continuum mechanics**
 Çavuş Y. H. , Küpeli T., Yaylı M. Ö.
 Coupled Systems Mechanics, vol.11, no.4, pp.335-355, 2022 (Peer-Reviewed Journal)
- IV. Assessment of Electric Energy Generation and Installed Power Capacity in Turkey**
 YEREL KANDEMİR S., YAYLI M. Ö., AÇIKKALP E.
 Renewable Energy Research and Applications (RERA), vol.2, no.2, pp.175-178, 2021 (Peer-Reviewed Journal)
- V. EXACT SOLUTIONS FOR AXIAL STATIC ANALYSIS OF NANORODS USING WEIGHTED RESIDUALS**
 YAYLI M. Ö. , KAFKAS U., UZUN B.
 Mühendislik Bilimleri ve Tasarım Dergisi, vol.9, 2021 (Peer-Reviewed Journal)
- VI. Weighted Residual Approach for Bending Analysis of Nanobeam Using by Modified Couple Stress Theory**
 YAYLI M. Ö. , Küpeli T., Çavuş Y. H.
 International Journal of Engineering and Applied Sciences, vol.13, 2021 (Peer-Reviewed Journal)
- VII. A Solution Method for Longitudinal Vibrations of Functionally Graded Nanorods**
 Uzun B., Yaylı M. Ö.
 International Journal of Engineering and Applied Sciences, vol.12, no.2, pp.78-87, 2020 (Peer-Reviewed Journal)

- VIII. **Finite Element Model of Functionally Graded Nanobeam for Free Vibration Analysis**
UZUN B., YAYLI M. Ö.
International Journal of Engineering and Applied Sciences, vol.11, no.2, pp.387-400, 2019 (Peer-Reviewed Journal)
- IX. **Buckling analysis of steel fiber column with different cross-section and boundary conditions using Euler-Bernoulli beam theory**
Özdemir M. T. , Kobyay V., YAYLI M. Ö. , MARDANI AGHABAGLOU A.
International Journal of Engineering Applied Sciences (IJEAS), vol.11, no.1, pp.330-344, 2019 (Peer-Reviewed Journal)
- X. **Şehir içinde temel çalışması yapılan şantiyenin konutta oluşturduğu gürültünün araştırılması**
ÇERÇEVİK A. E. , YEREL KANDEMİR S., çelik m., YAYLI M. Ö.
Uludağ Üniversitesi Mühendislik Fakültesi Dergisi, 2019 (Peer-Reviewed Journal)
- XI. **Stability analysis of a rotationally restrained microbar embedded in an elastic matrix using strain gradient elasticity**
YAYLI M. Ö.
CURVED AND LAYERED STRUCTURES, vol.6, no.1, pp.1-10, 2019 (Peer-Reviewed Journal)
- XII. **Dönel yaylar ile mesnetlenmiş bir karbon nanotüpün yerel olmayan Timoshenko kiriş teorisine göre serbest titreşim analizi**
YAYLI M. Ö.
Balıkesir Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.20, no.2, pp.8-21, 2018 (Peer-Reviewed Journal)
- XIII. **3D BASKI TEKNOLOJİSİ KULLANARAK YAPI ÜRETİMİNİN SON DÖNEM YENİLİKLERİNİN ARAŞTIRILMASI**
ÇERÇEVİK A. E. , TOKLU Y. C. , YEREL KANDEMİR S., YAYLI M. Ö.
International Journal of 3D Printing Technologies and Digital Industry, 2018 (Peer-Reviewed Journal)
- XIV. **Elastik Sınır Koşullarında Fonksiyonel Derecelendirilmiş Bir Çubuğun Burulma Titreşimi Analizi**
YAYLI M. Ö.
Süleyman Demirel Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.22, pp.98-104, 2018 (Peer-Reviewed Journal)
- XV. **3D BETON ÜRETİMİ İÇİN MERMER TOZU VE SERAMİK ARTIKLARININ KULLANILMASININ ARAŞTIRILMASI**
ÇERÇEVİK A. E. , TOKLU Y. C. , YEREL KANDEMİR S., YAYLI M. Ö.
Süleyman Demirel Üniversitesi Uluslararası Teknolojik Bilimler Dergisi, 2018 (Peer-Reviewed Journal)
- XVI. **Bending Analysis of a Cantilever Nanobeam With End Forces by Laplace Transform**
YAYLI M. Ö. , YEREL KANDEMİR S.
International Journal of Engineering Applied Sciences (IJEAS), vol.9, no.2, pp.103-111, 2017 (Peer-Reviewed Journal)
- XVII. **Buckling Analysis of Non-Local Timoshenko Beams by Using Fourier Series**
Kadioğlu H., YAYLI M. Ö.
International Journal of Engineering Applied Sciences (IJEAS), vol.9, no.4, pp.89-99, 2017 (Peer-Reviewed Journal)
- XVIII. **Buckling Analysis of a Rotationally Restrained Single Walled Carbon Nanotube Embedded InAn Elastic Medium Using Nonlocal Elasticity**
YAYLI M. Ö.
International Journal of Engineering & Applied Sciences (IJEAS), vol.8, no.2, pp.40-50, 2016 (Peer-Reviewed Journal)
- XIX. **An Analytical Solution For Free Vibrations Of A Cantilever Nanobeam With A Spring Mass System**
YAYLI M. Ö.
International Journal of Engineering Applied Sciences (IJEAS), vol.7, no.4, pp.10-18, 2015 (Peer-Reviewed Journal)
- XX. **Rijit Olmayan Sınır Koşullarında Elastik Zemine OturanBir Çubuğun Eksenel Titreşim Analizi**
Yanık F., YAYLI M. Ö.
Bilecik Şeyh Edebali Üniversitesi Fen Bilimleri Dergisi, vol.2, no.1, 2015 (Peer-Reviewed Journal)
- XXI. **Nanoteknolojide kirişlerin ikinci merteye görekapalı çözümleri**
YAYLI M. Ö. , ARTAN R.
itüdergisi/d mühendislik, vol.10, no.5, pp.136-143, 2011 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **THERMAL BUCKLING ANALYSIS OF A FUNCTIONALLY GRADED TIMOSHENKO BEAM WITH ROTATIONALLY RESTRAINED BOUNDARY CONDITIONS**
YAYLI M. Ö.
EJONS 13th INTERNATIONAL CONGRESS ON MATHEMATIC, ENGINEERING AND NATURAL SCIENCES, Turkey, 26 - 27 October 2021
- II. **Kayıcı Ankastre Mesnet Sınır Koşuluna Sahip Mikro Kirişlerin Değiştirilmiş Gerilme Çifti Teorisi ile Dinamik Analizi**
UZUN B., YAYLI M. Ö.
INTERNATIONAL ONLINE CONFERENCES ON ENGINEERING AND NATURAL SCIENCES (IOCENS'21), Gümüşhane, Turkey, 05 July 2021
- III. **Boyut Etkisine Bağlı Nanokirişlerin Kayıcı Ankastre Mesnet Sınır Koşulunda Titreşim Davranışı**
UZUN B., YAYLI M. Ö.
INTERNATIONAL ONLINE CONFERENCES ON ENGINEERING AND NATURAL SCIENCES (IOCENS'21), Gümüşhane, Turkey, 05 July 2021
- IV. **Torsional Vibration Analysis Of Protein Microtubules With Elastic Boundary Conditions**
YAYLI M. Ö.
3rd INTERNATIONAL CONFERENCE ON FOOD, AGRICULTURE AND VETERINARY, İzmir, Turkey, 19 - 20 June 2021
- V. **Assessment of Electric Energy Generation using Wind Energy in Turkey**
Kandemir S. Y. , YAYLI M. Ö. , Acikkalp E.
7th Iran Wind Energy Conference, IWEC 2021, Shahrood, Iran, 17 - 18 May 2021
- VI. **Buckling analysis of restrained nanobeams using strain gradient elasticity**
YAYLI M. Ö. , UZUN B., DELİKTAŞ B.
23rd International Conference on Computer Methods in Mechanics, 8 - 12 September 2019
- VII. **INVESTIGATING THE EFFECTS OF GEOMETRICAL PARAMETERSON FRACTURE RESPONSE OF THE NOTCHED SMALL PUNCH TEST**
DELİKTAŞ B., YAYLI M. Ö. , Türtük İ. C.
41st Solid Mechanics Conference, 27 - 31 August 2018
- VIII. **ÜÇ BOYUTLU BASKI TEKNOLOJİSİ KULLANARAK YAPI ÜRETİMİNİN SON DÖNEMYENİLİKLERİNİN ARAŞTIRILMASI**
ÇERÇEVİK A. E. , TOKLU Y. C. , YEREL KANDEMİR S., YAYLI M. Ö.
3rd International Congress on 3D Printing (Additive Manufacturing) Technologies and Digital Industry 2018, 17 - 21 April 2018
- IX. **An analytical method for torsional vibration analysis nanotubes via modified couple stress theory**
YAYLI M. Ö.
INTERNATIONAL CONGRESS ON ENGINEERING AND TECHNOLOGI SCIENCES, 22 - 25 December 2017
- X. **Evaluation of High Speed Train Noise Pollution**
ÇERÇEVİK A. E. , YEREL KANDEMİR S., YAYLI M. Ö.
International Conference on Engineering Technologies (ICENTE'xx17), 7 - 09 December 2017
- XI. **Mikro ölçekteki bir konsol kirişin değiştirilmiş gerilme çifti teorisine göre Laplace dönüşümüyle eğilme analizi**
YAYLI M. Ö.
20. Ulusal Mekanik Kongresi, Bursa, Turkey, 5 - 08 September 2017
- XII. **PRODUCTION OF LUNAR SOIL SIMULANT IN TURKEY**
Toklu Y. C. , ÇERÇEVİK A. E. , YEREL KANDEMİR S., YAYLI M. Ö.
8th International Conference on Recent Advances in Space Technologies (RAST), İstanbul, Turkey, 19 - 22 June 2017, pp.1-5
- XIII. **Buckling analysis of a beam on elastic foundation with completely free boundaries by Fourier Series**
YAYLI M. Ö. , ÇERÇEVİK A. E. , YEREL KANDEMİR S.
12th International Congress on Advances in Civil Engineering (ACE2016), 21 - 23 September 2016

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