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Publons / Web Of Science ResearcherID: B-9993-2016

ScopusID: 6602320553

Yoksis Araştırmacı ID: 9639

Eğitim Bilgileri

Doktora, Fırat Üniversitesi, Fen Bilimleri, İnşaat Mühendisliği-Mekanik, Türkiye 1999 - 2004

Doktora, Dokuz Eylül Üniversitesi, Mühendislik Fakültesi, İnşaat Müh. Yapı A.B.D., Türkiye 1999 - 2003

Yüksek Lisans, Fırat Üniversitesi, Fen Bilimleri, İnşaat Mühendisliği-Mekanik, Türkiye 1996 - 1998

Lisans, Fırat Üniversitesi, Mühendislik Fakültesi, İnşaat Mühendisliği, Türkiye 1992 - 1996

Yabancı Diller

İngilizce, B2 Orta Üstü

Yaptığı Tezler

Doktora, Polinomal Diferansiyel Quadrature (PDQ) Metodu ile Elastik Zemine Oturan Plak ve Kabukların Geometrik Bakımdan Lineer Olmayan Statik ve Dinamik Analizi, Fırat Üniversitesi, Fen Bilimleri, İnşaat Mühendisliği-Mekanik, 2004

Yüksek Lisans, Plak ve Kabukların Nöro-Fuzzy Tekniği ile Lineer ve Lineer Olmayan Statik-Dinamik Analizi, Fırat Üniversitesi, Fırat Üniversitesi, Fen Bilimleri, İnşaat Mühendisliği-Mekanik, 1998

Araştırma Alanları

Katı Cisimler Mekaniği, İnşaat Mühendisliği, Mekanik, Mühendislik ve Teknoloji

Akademik Unvanlar / Görevler

Prof. Dr., Akdeniz Üniversitesi, Mühendislik Fakültesi, İnşaat Mühendisliği, 2012 - Devam Ediyor

Doç. Dr., Akdeniz Üniversitesi, Mühendislik Fakültesi, İnşaat Mühendisliği, 2006 - 2012

Yrd. Doç. Dr., Akdeniz Üniversitesi, Mühendislik Fakültesi, İnşaat Mühendisliği, 2004 - 2006

Yönetilen Tezler

- CİVALEK Ö., Grafen tabakaların membran ve plak ile modellenmesi, Yüksek Lisans, S.Çakırtaş(Öğrenci), 2016
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SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. **Comparative analysis of carbon and boron-nitride nanotube reinforcements on the vibration characteristics of magnetostrictive sandwich plates**
Maraghi Z. K., Arani A. G., CİVALEK Ö.
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- II. **Analysis of thermoelastic behavior of porous cylinders with voids via a nonlocal space-time elastic approach and Caputo-tempered fractional heat conduction**
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- III. **On the nonlinear forced vibration of nanoshells via nonlocal strain gradient theory**
Mirfatah S. M., Salehipour H., CİVALEK Ö.
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- IV. **Size-dependent stability of embedded beams with variable cross section**
CİVALEK Ö., AKGÖZ B.
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- V. **Torsional static and free vibration analysis of noncircular short-fiber-reinforced microwires with arbitrary boundary conditions**
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- VI. **A comprehensive study on the critical damping characteristics of vibrating functionally graded sandwich plates with general visco-Winkler-Pasternak foundations**
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- VII. **Size-dependent vibration and static analyses of a nanobeam made of time-dependent material attached with viscoelastic boundaries using three different beam theories**
Kadioğlu H. G., CİVALEK Ö., UZUN B., YAYLI M. Ö.
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- VIII. **An investigation on static, vibration and stability analyses of elastically restrained FG porous Timoshenko nanobeams**
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- IX. **In-plane free vibration analysis of nonlocal nanorings embedded in elastic medium**
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- X. **Analytical free vibration solution of orthotropic thin plates with three edges rotationally restrained and one edge free**
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- XI. **Variable-thickness higher-order sandwich beams with FG cellular core and CNT-RC patches: vibrational analysis in thermal environment**

- Arshid E., Maraghi Z. K., CİVALEK Ö.
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- XII. **Dynamics of a non-circular-shaped nanorod with deformable boundaries based on second-order strain gradient theory**
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- XIII. **Stability analysis of sandwich double nanobeam-system with varying cross-section interconnected by Kerr-type three-parameter elastic layer**
Soltani M., Momenian M., CİVALEK Ö.
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- XIV. **Vibration of embedded restrained composite tube shafts with nonlocal and strain gradient effects**
UZUN B., YAYLI M. Ö., CİVALEK Ö.
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- XV. **An investigation on the torsional vibration of a FG strain gradient nanotube**
UZUN B., YAYLI M. Ö., CİVALEK Ö.
ZAMM Zeitschrift für Angewandte Mathematik und Mechanik, cilt.104, sa.7, 2024 (SCI-Expanded)
- XVI. **Geometrically nonlinear vibration of toroidal sandwich shells with auxetic honeycomb core under periodic/impulsive pressure**
Mohamad Mirfatah S., Salehipour H., CİVALEK Ö.
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- XVII. **On the stability analysis of a restrained FG nanobeam in an elastic matrix with neutral axis effects**
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- XVIII. **On nonlinear buckling of microshells**
Mirfatah S. M., Shahmohammadi M. A., Salehipour H., CİVALEK Ö.
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- XIX. **Elastic medium and torsional spring effects on the nonlocal dynamic of functionally graded porous nanotubes**
UZUN B., YAYLI M. Ö., CİVALEK Ö.
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- XX. **Natural frequencies and modal shapes of folded sandwich plates made of porous core and FG-CNTRC coating layers resting on two parameters elastic foundation**
Salehipour H., Shahmohammadi M. A., CİVALEK Ö.
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- XXI. **Aerodynamic stability and free vibration of FGP-Reinforced nano-fillers annular sector microplates exposed to supersonic flow**
Arshid E., Amir S., Loghman A., CİVALEK Ö.
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- XXII. **The mechanical response of nanobeams considering the flexoelectric phenomenon in the temperature environment**
Luu G. T., CİVALEK Ö., Van Tuyen B.
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- XXIII. **High frequency analysis of the functionally graded sandwich nanobeams embedded in elastic foundations using nonlocal quasi-3D theory**
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- XXIV. **On shear-dependent vibration of nano frames**
Numanoğlu H. M., CİVALEK Ö.
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- XXV. **Effect of two-dimensional material distribution on dynamic and buckling responses of graded**

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- XXVI. **An analytical solution for vibration response of CNT/GPL/fibre/polymer hybrid composite micro/nanoplates**
Salehipour H., Shahmohammadi M. A., Folkow P. D., CİVALEK Ö.
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- XXVII. **A new Galerkin method for buckling of sandwich nanobeams**
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- XXVIII. **Vibrational response of a sandwich microplate considering the impact of flexoelectricity and based on a novel porous-FGM formulation**
Kaveh A., Babaei H., Zavari S., Arshid E., CİVALEK Ö.
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- XXIX. **Nonlinear stability analysis of embedded restrained nanobeams using the Stokes' transformation**
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- XXX. **Dynamic Response of Advanced Lightweight Porous Plates Integrated with Nanocomposite Face Sheets Resting on Elastic Substrate**
Babaei H., Zavari S., Kaveh A., Arshid E., CİVALEK Ö.
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- XXXI. **Size-dependent nonlinear stability response of perforated nano/microbeams via Fourier series**
CİVALEK Ö., UZUN B., YAYLI M. Ö.
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- XXXII. **Size-dependent Levinson beam theory for thermal vibration of a nanobeam with deformable boundary conditions**
CİVALEK Ö., DELİKTAŞ B., UZUN B., YAYLI M. Ö.
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- XXXIII. **Dynamics of a FG porous microbeam with metal foam under deformable boundaries**
CİVALEK Ö., ERSOY H., UZUN B., YAYLI M. Ö.
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- XXXIV. **Fractional modelling of piezoelectric composite nanobeams via novel numerical schemes**
Salah M., CİVALEK Ö., Ragb O.
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- XXXV. **Thermomechanical vibration analysis of a restrained nanobeam**
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- XXXVI. **On analysis of nanocomposite conical structures**
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- XXXVII. **On nonlinear stability analysis of saturated embedded porous nanobeams**
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- XXXVIII. **An eigenvalue solution for nonlocal vibration of guide supported perfect/imperfect functionally graded power-law and sigmoid nanobeams on one-parameter elastic foundation**
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- XXXIX. **A study on the crack presence effect on dynamical behaviour of bi-directional compositionally imperfect material graded micro beams**
Saimi A., Bensaid I., CİVALEK Ö.

- Composite Structures, cilt.316, 2023 (SCI-Expanded)
- XL. **Magneto-thermoelastic interactions in an unbounded orthotropic viscoelastic solid under the Hall current effect by the fourth-order Moore-Gibson-Thompson equation**
Abouelregal A. E., AKGÖZ B., CİVALEK Ö.
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- XLI. **Vibration of smart sandwich plate with an auxetic core and dual-FG nanocomposite layers integrated with piezoceramic actuators**
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- XLII. **A Hardening Nonlocal Elasticity Approach to Axial Vibration Analysis of an Arbitrarily Supported FG Nanorod**
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- XLIII. **Free-damped vibration tangential wave responses of FG-sandwich merged hemispherical-cylindrical shells under effects of artificial springs at merging and boundary conditions**
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- XLIV. **An improved first-order mixed plate element for static bending and free vibration analysis of functionally graded sandwich plates**
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- XLV. **A hardening nonlocal approach for vibration of axially loaded nanobeam with deformable boundaries**
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- XLVI. **Higher order finite element models for transient analysis of strain gradient functionally graded microplates**
Karamanli A., Vo T. P., CİVALEK Ö.
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- XLVII. **An Accurate Computational Method for Buckling of Orthotropic Composite Plate with Non-Classical Boundary Restraints**
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- XLVIII. **Torsional and axial vibration of restrained saturated nanorods via strain gradient elasticity**
UZUN B., CİVALEK Ö., YAYLI M. Ö.
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- XLIX. **Natural frequency investigation of graphene oxide powder nanocomposite cylindrical shells surrounded by Winkler/Pasternak/Kerr elastic foundations with a focus on various boundary conditions**
Sobhani E., Koohestani M., CİVALEK Ö., AVCAR M.
Engineering Analysis with Boundary Elements, cilt.149, ss.38-51, 2023 (SCI-Expanded)
- L. **Dynamic stability of hybrid fiber/nanocomposite-reinforced toroidal shells subjected to the periodic axial and pressure loadings**
Shahmohammadi M. A., Mirfatah S. M., Salehipour H., Azhari F., Civalek O.
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- LI. **Bending and free vibration analysis of porous functionally graded sandwich plate with various porosity distributions using an extended layerwise theory**
Belarbi M., Daikh A. A., Garg A., Hirane H., Houari M. S. A., CİVALEK Ö., Chalak H.
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- LII. **Critical buckling loads of embedded perforated microbeams with arbitrary boundary conditions via an efficient solution method**

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Zeitschrift fur Naturforschung - Section A Journal of Physical Sciences, cilt.78, sa.2, ss.195-207, 2023 (SCI-Expanded)

- LIII. **On a comprehensive analysis for mechanical problems of spherical structures**
Dastjerdi S., Alibakhshi A., AKGÖZ B., CİVALEK Ö.
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- LIV. **The influence of non-linear carbon nanotube reinforcement on the natural frequencies of composite beams**
AVCAR M., Hadji L., CİVALEK Ö.
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- LV. **On nonlinear forced vibration of micro scaled panels**
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- LVI. **Thermal buckling analysis of a saturated porous thick nanobeam with arbitrary boundary conditions**
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- LVII. **On vibrational-based numerical simulation of a jet engine cowl shell-like structure**
Sobhani E., Masoodi A. R., CİVALEK Ö.
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- LVIII. **Nonlinear analysis of fiber-reinforced folded shells enriched by nano-additives using a coupled FEM-IGA formulation**
Amin Shahmohammadi M., Azhari M., Salehipour H., Fantuzzi N., Amabili M., CİVALEK Ö.
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- LIX. **Viscoelasticity in Large Deformation Analysis of Hyperelastic Structures**
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- LX. **Size dependent torsional vibration of a restrained single walled carbon nanotube (SWCNT) via nonlocal strain gradient approach**
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- LXI. **Buckling Analysis of Functionally Graded Tapered Microbeams via Rayleigh–Ritz Method**
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- LXII. **Wave propagation analysis of sandwich FGM nanoplate surrounded by viscoelastic foundation**
Eyvazian A., Zhang C., CİVALEK Ö., Khan A., Sebaey T. A., Farouk N.
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- LXIII. **Nonlocal strain gradient approach for axial vibration analysis of arbitrary restrained nanorod**
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- LXIV. **A Novel Nonlinear Elasticity Approach for Analysis of Nonlinear and Hyperelastic Structures**
Dastjerdi S., Alibakhshi A., AKGÖZ B., CİVALEK Ö.
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- LXV. **Interaction of the lateral buckling strength with the axial load for FG micro-sized I-section beam-columns**
Soltani M., Soltani A., CİVALEK Ö.
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- LXVI. **Size-dependent dynamic stability of nanocomposite enriched micro-shell panels in thermal environment using the modified couple stress theory**
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- LXVII. **Geometrically nonlinear electro-thermo-static analysis of piezoelectric/CNT/GPL/fibre/polymer**

- sandwich panels with double curvature resting on elastic foundation**
Emadi S., Badarloo B., Tayebikhorami S., Salehipour H., CİVALEK Ö.
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- LXVIII. **Nonlocal thermoelastic vibration of a solid medium subjected to a pulsed heat flux via Caputo-Fabrizio fractional derivative heat conduction**
Abouelregal A. E., AKGÖZ B., CİVALEK Ö.
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- LXIX. **Hyperelastic Microcantilever AFM: Efficient Detection Mechanism Based on Principal Parametric Resonance**
Alibakhshi A., Rahmani S., Dastjerdi S., Malikan M., Karami B., AKGÖZ B., CİVALEK Ö.
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- LXX. **Nonlinear forced vibration analysis of laminated composite doubly-curved shells enriched by nanocomposites incorporating foundation and thermal effects**
Badarloo B., Tayebikhorami S., Mirfatah S. M., Salehipour H., CİVALEK Ö.
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- LXXI. **Novel size-dependent finite element formulation for modal analysis of cracked nanorods**
Numanoğlu H. M., CİVALEK Ö.
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- LXXII. **Torsional and longitudinal vibration analysis of a porous nanorod with arbitrary boundaries**
CİVALEK Ö., UZUN B., YAYLI M. Ö.
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- LXXIII. **Natural frequency analysis of FG-GOP/ polymer nanocomposite spheroid and ellipsoid doubly curved shells reinforced by transversely-isotropic carbon fibers**
Sobhani E., Masoodi A. R., CİVALEK Ö., AVCAR M.
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- LXXIV. **Parametric vibration of a dielectric elastomer microbeam resonator based on a hyperelastic cosserat continuum model**
Alibakhshi A., Dastjerdi S., AKGÖZ B., CİVALEK Ö.
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- LXXV. **An eigenvalue solution for torsional vibrations of restrained porous nanorods using doublet mechanics theory**
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- LXXVI. **Dynamic Analysis of Functionally Graded Porous Microbeams under Moving Load**
Akbaş Ş. D., Dastjerdi S., AKGÖZ B., CİVALEK Ö.
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- LXXVII. **An effective analytical method for buckling solutions of a restrained FGM nonlocal beam**
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- LXXVIII. **Finite element formulation for nano-scaled beam elements**
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- LXXIX. **Thermo-elastic damped nonlinear dynamic response of the initially stressed hybrid GPL/CNT/fiber/polymer composite toroidal shells surrounded by elastic foundation**
Mirfatah S. M., Tayebikhorami S., Shahmohammadi M. A., Salehipour H., CİVALEK Ö.
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- LXXX. **Axial and torsional free vibrations of restrained single-walled boron nitride nanotube (SWBNNT) embedded in an elastic medium via nonlocal strain gradient theory**
UZUN B., CİVALEK Ö., YAYLI M. Ö.
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- LXXXI. **Static deflection and free vibration analysis of functionally graded and porous cylindrical micro/nano shells based on the three-dimensional elasticity and modified couple stress theories**
Salehipour H., Shahgholian-Ghahfarokhi D., Shahsavari A., CİVALEK Ö., Edalati M.
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- LXXXII. **A Fourier sine series solution of static and dynamic response of nano/micro micro-scaled FG rod under torsional effect**
CİVALEK Ö., UZUN B., YAYLI M. Ö.
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- LXXXIII. **Buckling and free vibrations of CNT-reinforced cross-ply laminated composite plates**
Civalek O., Dastjerdi S., AKGÖZ B.
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