

# Prof. BABÜR DELİKTAŞ

## Personal Information

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## International Researcher IDs

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Publons / Web Of Science ResearcherID: AAH-8687-2021

Yoksis Researcher ID: 137598

## Education Information

Doctorate, Louisiana State University and Agricultural and Mechanical College, Department of Civil and Environmental Engineering, United States Of America 1996 - 1999

Postgraduate, Louisiana State University and Agricultural and Mechanical College, Department of Civil and Environmental Engineering, United States Of America 1994 - 1996

Undergraduate, Middle East Technical University, Faculty Of Engineering, Department Of Civil Engineering, Turkey 1986 - 1991

## Research Areas

Artificial Intelligence, Computer Learning and Pattern Recognition, Neural Networks, Mechanical, Structural Mechanics, Material, Solid Mechanics, Fracture Mechanics, Finite Element Methods, Mechanical Testing, Continuous Mechanics, Testing and Control of Materials, Mechanical Properties, Composites, Material Characterization, Numerical modeling, Simulation

## Academic Titles / Tasks

Professor, Bursa Uludağ University, MÜHENDİSLİK FAKÜLTESİ, İNŞAAT MÜHENDİSLİĞİ, 2015 - Continues

Associate Professor, Bursa Uludağ University, MÜHENDİSLİK FAKÜLTESİ, İNŞAAT MÜHENDİSLİĞİ, 2011 - 2015

Associate Professor, Mustafa Kemal Üniversitesi, Mühendislik Fakültesi, İnşaat Mühendisliği Bölümü, 2010 - 2011

Assistant Professor, Mustafa Kemal Üniversitesi, Mühendislik Fakültesi, İnşaat Mühendisliği Bölümü, 2000 - 2011

Research Assistant, Louisiana State University and Agricultural and Mechanical College, 1993 - 2000

Research Assistant, Gaziantep University, Faculty Of Engineering, Department Of Civil Engineering (English), 1992 - 1993

## Advising Theses

Deliktaş B., DEVELOPMENT OF AI-BASED APPLICATIONS FOR FINITE ELEMENT PROBLEMS., Doctorate,

A.TARIQ(Student), Continues

Deliktaş B., Hafifletilmiş kompozit enerji direklerinin tasarımı, modellenmesi, simülasyonu ve testlerle doğrulanması,

Postgraduate, K.Kurbanbayeva(Student), Continues

Deliktaş B., Yapay sinir ağları yöntemi ile hafifletilmiş kompozit enerji direklerinin tasarım ve analiz parametrelerinin belirlenmesi, Postgraduate, M.Akoğlu(Student), Continues

Deliktaş B., Developing nonlinear and anisotropic material models of thermoplastic-based composite materials reinforced with different types of fibers and their use in digital simulations, Doctorate, A.Polat(Student), Continues

Deliktaş B., Kafes Tipi Köprü Yapılardaki Bağlantı Elemanlarının Dinamik Yük Etkisi Altındaki Davranışı İçin Bir Hesaplama Modelinin Oluşturulması, Postgraduate, A.Mizamkhan(Student), Continues

Deliktaş B., Diz destekli ile eksantrik çaprazlı çelik çerçevlerin sismik performanslarının karşılaştırılması, Postgraduate, A.ABDULLAHI(Student), 2022

Deliktaş B., COMPUTATIONAL MODELING THE NON-LINEAR BEHAVIOR OF CRITICAL MEMBERS CAUSING PROGRESSIVE COLLAPSE IN STEEL LATTICE TOWERS, Postgraduate, A.TARIQ(Student), 2020

DELİKTAŞ B., Numerical modeling and analyses of the triangle plate method proposed to determine the tensile strengt of fiber reinforced concrete, Postgraduate, F.Agha(Student), 2019

DELİKTAŞ B., Coupled continuum damage mechanics and porous plasticity approaches for modeling temperature driven ductile to brittle transition fracture in metals, Doctorate, İ.Cem(Student), 2018

Babür D., The modeling the behavior gusset plates of the truss based bridges under dynamic loading, Postgraduate, A.Mizamkhan(Student), 2018

DELİKTAŞ B., Determining the siz effect of fiber reinforced concrete by experimental and analytical methods, Postgraduate, H.MIRKHEEL(Student), 2018

DELİKTAŞ B., Enhancing capacity of reinforced concrete members with FRP using analytical method, Postgraduate, K.POLAT(Student), 2014

DELİKTAŞ B., Depreme dayanıklı yapı tasarımında burulma düzensizliğinin etkisinin incelenmesi, Postgraduate, E.AKINCI(Student), 2005

DELİKTAŞ B., Kompozit malzemelerin elastoplastik davranışının Mori-Tanaka Modeli kullanılarak tahmini, Postgraduate, M.ÇALIŞICI(Student), 2003

## Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Computational modeling of weld-line impacts on mechanical behavior of fiber-reinforced thermoplastics**  
Polat A., DELİKTAŞ B., YAZICI M., Voyiadjis G. Z.  
European Journal of Mechanics, A/Solids, vol.109, 2025 (SCI-Expanded)
- II. **Boosting machine learning algorithms for predicting the macroscopic material behavior of continuous fiber reinforced composite**  
Tariq A., Polat A., DELİKTAŞ B.  
JOURNAL OF REINFORCED PLASTICS AND COMPOSITES, 2024 (SCI-Expanded)
- III. **An investigation on ensemble machine learning algorithms for nonlinear stability response of a two-dimensional FG nanobeam**  
Tariq A., Uzun B., DELİKTAŞ B., YAYLI M. Ö.  
JOURNAL OF THE BRAZILIAN SOCIETY OF MECHANICAL SCIENCES AND ENGINEERING, no.9, 2024 (SCI-Expanded)
- IV. **A machine learning approach for buckling analysis of a bi-directional FG microbeam**  
Tariq A., Uzun B., DELİKTAŞ B., YAYLI M. Ö.  
MICROSYSTEM TECHNOLOGIES-MICRO-AND NANOSYSTEMS-INFORMATION STORAGE AND PROCESSING SYSTEMS, 2024 (SCI-Expanded)
- V. **Assessment of machine learning methods predicting the axial vibration frequencies of microbars**  
Tariq A., UZUN B., DELİKTAŞ B., YAYLI M. Ö.  
ZAMM-ZEITSCHRIFT FÜR ANGEWANDTE MATHEMATIK UND MECHANIK, vol.104, no.3, 2024 (SCI-Expanded)
- VI. **Application of machine learning methodology for investigating the vibration behavior of functionally graded porous nanobeams**  
Tariq A., UZUN B., DELİKTAŞ B., YAYLI M. Ö.  
Journal of Strain Analysis for Engineering Design, 2024 (SCI-Expanded)
- VII. **Vibration analysis of embedded porous nanobeams under thermal effects using boosting machine**

## **learning algorithms and semi-analytical approach**

Tariq A., UZUN B., DELİKTAŞ B., YAYLI M. Ö.

Mechanics of Advanced Materials and Structures, vol.31, no.29, pp.12320-12343, 2024 (SCI-Expanded)

- VIII. **Size-dependent Levinson beam theory for thermal vibration of a nanobeam with deformable boundary conditions**  
CİVALEK Ö., DELİKTAŞ B., Uzun B., Yayli M. O.  
ZAMM-ZEITSCHRIFT FÜR ANGEWANDTE MATHEMATIK UND MECHANIK, vol.103, 2023 (SCI-Expanded)
- IX. **Size-Dependent Vibration of Porous Bishop Nanorod with Arbitrary Boundary Conditions and Nonlocal Elasticity Effects**  
UZUN B., Kafkas U., DELİKTAŞ B., YAYLI M. Ö.  
JOURNAL OF VIBRATION ENGINEERING & TECHNOLOGIES, vol.11, no.3, pp.809-826, 2023 (SCI-Expanded)
- X. **Experimental setup for beams with adjustable rotational stiffness: An educational perspective**  
TÜRKER H. T., SAĞIROĞLU S., DELİKTAŞ B.  
COMPUTER APPLICATIONS IN ENGINEERING EDUCATION, vol.30, no.2, pp.564-574, 2022 (SCI-Expanded)
- XI. **Buckling analysis of restrained nanobeams using strain gradient elasticity**  
Yaylı M. Ö., Uzun B., Deliktaş B.  
Waves in Random and Complex Media, vol.32, no.6, pp.2960-2979, 2022 (SCI-Expanded)
- XII. **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 (SCI-Expanded)
- XIII. **A Thermomechanically Consistent Constitutive Theory for Modeling Micro-Void and/or Micro-Crack Driven Failure in Metals at Finite Strains**  
Soyarslan C., Turtuk I. C., DELİKTAŞ B., Bargmann S.  
INTERNATIONAL JOURNAL OF APPLIED MECHANICS, vol.8, no.1, 2016 (SCI-Expanded)
- XIV. **Coupled porous porous plasticity Continuum damage mechanics approaches for modelling temperature driven ductile-to-brittle transition fracture in ferritic steels**  
Turtuk I. C., Deliktas B.  
INTERNATIONAL JOURNAL OF PLASTICITY, vol.77, pp.246-261, 2016 (SCI-Expanded)
- XV. **Modeling nonlinear behavior of gusset plates in the truss based steel bridges**  
DELİKTAŞ B., Mizamkhan A.  
STRUCTURAL ENGINEERING AND MECHANICS, vol.51, no.5, pp.809-821, 2014 (SCI-Expanded)
- XVI. **Computer Technology for Enhancing Teaching and Learning Modules of Engineering Mechanics**  
Deliktas B.  
COMPUTER APPLICATIONS IN ENGINEERING EDUCATION, vol.19, no.3, pp.421-432, 2011 (SCI-Expanded)
- XVII. **Non-local and numerical formulations for dry sliding friction and wear at high velocities**  
Lodygowski A., Voyiadjis G. Z., Deliktas B., Palazotto A.  
INTERNATIONAL JOURNAL OF PLASTICITY, vol.27, no.7, pp.1004-1024, 2011 (SCI-Expanded)
- XVIII. **Consistent Non Local Coupled Damage Model and Its Application in Impact Response of Composite Materials**  
Voyiadjis G. Z., Deliktas B., Kattan P. I.  
DAMAGE MECHANICS AND MICROMECHANICS OF LOCALIZED FRACTURE PHENOMENA IN INELASTIC SOLIDS, vol.525, pp.3-102, 2011 (SCI-Expanded)
- XIX. **Nonlocal gradient-dependent modeling of plasticity with anisotropic hardening**  
Voyiadjis G. Z., Pekmezi G., Deliktas B.  
INTERNATIONAL JOURNAL OF PLASTICITY, vol.26, no.9, pp.1335-1356, 2010 (SCI-Expanded)
- XX. **Friction coefficient evaluation using physically based viscoplasticity model at the contact region during high velocity sliding**  
Voyiadjis G. Z., Deliktas B., Faghihi D., Lodygowski A.  
ACTA MECHANICA, vol.213, pp.39-52, 2010 (SCI-Expanded)
- XXI. **Modeling of strengthening and softening in inelastic nanocrystalline materials with reference to the triple junction and grain boundaries using strain gradient plasticity**

- Voyiadjis G. Z., Deliktas B.  
ACTA MECHANICA, vol.213, pp.3-26, 2010 (SCI-Expanded)
- XXII. **Mechanics of strain gradient plasticity with particular reference to decomposition of the state variables into energetic and dissipative components**  
Voyiadjis G. Z., Deliktas B.  
INTERNATIONAL JOURNAL OF ENGINEERING SCIENCE, vol.47, pp.1405-1423, 2009 (SCI-Expanded)
- XXIII. **Theoretical and Experimental Characterization for the Inelastic Behavior of the Micro-/Nanostructured Thin Films Using Strain Gradient Plasticity With Interface Energy**  
Voyiadjis G. Z., Deliktas B.  
JOURNAL OF ENGINEERING MATERIALS AND TECHNOLOGY-TRANSACTIONS OF THE ASME, vol.131, no.4, 2009 (SCI-Expanded)
- XXIV. **Formulation of strain gradient plasticity with interface energy in a consistent thermodynamic framework**  
Voyiadjis G. Z., Deliktas B.  
INTERNATIONAL JOURNAL OF PLASTICITY, vol.25, no.10, pp.1997-2024, 2009 (SCI-Expanded)
- XXV. **Thermodynamically consistent coupled viscoplastic damage model for perforation and penetration in metal matrix composite materials**  
Voyiadjis G. Z., Deliktas B., Palazotto A. N.  
COMPOSITES PART B-ENGINEERING, vol.40, no.6, pp.427-433, 2009 (SCI-Expanded)
- XXVI. **Simulation of perforation and penetration in metal matrix composite materials using coupled viscoplastic damage model**  
Deliktas B., Voyiadjis G. Z., Palazotto A. N.  
COMPOSITES PART B-ENGINEERING, vol.40, no.6, pp.434-442, 2009 (SCI-Expanded)
- XXVII. **Role of strain concentration factors in predicting the inelastic behavior of laminated composite material**  
Deliktas B.  
COMPOSITES PART B-ENGINEERING, vol.40, no.4, pp.267-274, 2009 (SCI-Expanded)
- XXVIII. **Multiscale analysis of multiple damage mechanisms coupled with inelastic behavior of composite materials**  
Voyiadjis G., Deliktas B., Aifantis E.  
JOURNAL OF ENGINEERING MECHANICS, vol.127, no.7, pp.636-645, 2001 (SCI-Expanded)
- XXIX. **Multi-scale analysis of multiple damage mechanisms coupled with inelastic behavior of composite materials**  
Voyiadjis G., Deliktas B.  
MECHANICS RESEARCH COMMUNICATIONS, vol.27, no.3, pp.295-300, 2000 (SCI-Expanded)
- XXX. **A coupled anisotropic damage model for the inelastic response of composite materials**  
Voyiadjis G., Deliktas B.  
COMPUTER METHODS IN APPLIED MECHANICS AND ENGINEERING, vol.183, pp.159-199, 2000 (SCI-Expanded)
- XXXI. **Damage in MMCs using the GMC: theoretical formulation**  
Voyiadjis G., Deliktas B.  
COMPOSITES PART B-ENGINEERING, vol.28, pp.597-611, 1997 (SCI-Expanded)

## Articles Published in Other Journals

- I. **ANN-based evaluation system for erosion resistant highway shoulder rocks**  
Tariq A., Abualshar B., DELİKTAŞ B., Song C. R., Al-Nimri B., Barret B., Silvey A., Glennie N.  
INTERNATIONAL JOURNAL OF GEO-ENGINEERING, vol.15, no.1, 2024 (ESCI)
- II. **Study of different connection types in modular composite energy poles and comparison with monolithic reinforced concrete energy poles**  
Akoglu M., DELİKTAŞ B., Otuz O., Polat A.

- III. **Lifli Betonun Çekme Dayanımı Üzerindeki Boyut Etkisinin Üçgen Plaka Deney Yöntemi İle Belirlenmesi**  
DELİKTAŞ B., SHAREEF F. A., TÜRKER H. T., MIRKHEEL H. M., ARSLAN T., MAYAR B. A.  
Düzce Üniversitesi Bilim ve Teknoloji Dergisi, 8, vol.8, no.3, pp.1923-1935, 2020 (Peer-Reviewed Journal)
- IV. **Betonarme kirişlerin optimum tasarımında genetik algoritma parametrelerinin etkisinin belirlenmesi**  
DELİKTAŞ B., BİKÇE M., Coşkun H., TÜRKER H. T.  
Fırat Üniv. Mühendislik Bilimleri Dergisi, vol.21, no.2, pp.125-132, 2009 (Peer-Reviewed Journal)
- V. **Beton Davranışında Mikromekanik Modelleme**  
ÖRNEK M., DELİKTAŞ B., CANER F. C., DEMİRCİ M.  
Ç.Ü. Müh. Mim. Fak. Dergisi, vol.21, no.1-2, pp.217-227, 2006 (Peer-Reviewed Journal)

## Books & Book Chapters

- I. **Size Effect on Damage Response of Triangular Flexural Test Method**  
Deliktaş B., Türker H. T., Shareef F. A., Caner F. C.  
in: Handbook of Damage Mechanics, George Z. Voyiadjis, Editor, Springer Nature, Zug, pp.167-196, 2022
- II. **Vibration Analysis of Cracked Microbeams by Using Finite Element Method**  
Akbaş Ş. D., Yaylı M. Ö., Deliktaş B., Uzun B.  
in: Handbook of Damage Mechanics, George Z. Voyiadjis, Editor, Springer Nature, Zug, pp.155-166, 2022
- III. **Predicting Damage Behavior of Self-Healing Sandwich Panels: Computational Modeling**  
Yazıcı M., Güçlü H., Deliktaş B.  
in: Handbook of Damage Mechanics: Nano to Macro Scale for Materials and Structures, Voyiadjis G.Z., Editor, Springer Nature, Zug, pp.197-211, 2022
- IV. **Modeling High-Speed Impact Failure of Metallic Materials: Nonlocal Approaches**  
Voyiadjis G. Z., Deliktaş B.  
in: Handbook of Nonlocal Continuum Mechanics for Materials and Structures, George Z. Voyiadjis, Editor, Springer Nature, Zug, pp.937-969, 2019
- V. **Modeling Temperature-Driven Ductile-to-Brittle Transition Fracture in Ferritic Steels**  
Deliktaş B., Turtuk I. C., Voyiadjis G. Z.  
in: Handbook of Nonlocal Continuum Mechanics for Materials and Structures, George Z. Voyiadjis, Editor, Springer Nature, Zug, pp.1099-1122, 2019
- VI. **Axial Vibration of Strain Gradient Micro-rods**  
Civalek Ö., Akgöz B., Deliktaş B.  
in: Handbook of Nonlocal Continuum Mechanics for Materials and Structures, George Z. Voyiadjis, Editor, Springer Nature, Zug, pp.1141-1155, 2019
- VII. **A First Course in Finite Elements-Sonlu Elemanlar Yöntemine Giriş**  
DELİKTAŞ B., MÜLKOĞLU O., GÜLER M. A.  
Nobel Yayınevi, 2017
- VIII. **Consistent Non Local Coupled Damage Model and Its Application in Impact Response of Composite Materials**  
Voyiadjis G., DELİKTAŞ B., Katan P.  
in: Damage Mechanics and Micromechanics of Localized Fracture Phenomena in Inelastic Solids, George Z. Voyiadjis, Prof. Peter I. Kattan, Editor, SpringerWien, New York, pp.3-91, 2011

## Refereed Congress / Symposium Publications in Proceedings

- I. **Neural network modeling for predicting the elastoplastic behavior of short fiber reinforced**

## **polymers**

Tariq A., Polat A., Deliktaş B.

27th International Conference on Composite Structures, Bologna, Italy, 3 - 06 September 2024, pp.18-19

- II. **Implementing a dual-phase machine learning strategy to develop ANN based constitutive models**  
Tariq A., Deliktaş B.  
9th European Congress on Computational Methods in Applied Sciences and Engineering (ECCOMAS 2024), Lisbon, Portugal, 3 - 07 June 2024
- III. **SmartFIT: A tool for optimizing the constitutive model parameters**  
Tariq A., Deliktaş B.  
23. ULUSAL MEKANİK KONGRESİ, Konya, Turkey, 4 - 08 September 2023
- IV. **Computational modeling the non-linear behavior of critical members causing progressive collapse in steel lattice towers**  
Tariq A., Deliktaş B.  
22. ULUSAL MEKANİK KONGRESİ, 6 - 08 September 2021, pp.814-825
- V. **Üçgen Plaka Yöntemi Kullanılarak Boyut Etkisi**  
Shreef f., DELİKTAŞ B., TÜRKER H. T.  
21. Ulusal Mekanik Kongresi, Turkey, 2 - 06 September 2019
- VI. **Determining the size effect on the biaxial strength of fiber reinforced concrete using triangle plate test method**  
DELİKTAŞ B., TÜRKER H. T., Faiz S., Caner F.  
23rd International Congress on Computer Methods in Mechanics, 8 - 12 September 2019
- VII. **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
- VIII. **Ayarlanabilir Dönme Rijitliğine Sahip Mesnetlerle Tutulu Kirişler için Deney Düzeneği Oluşturulması**  
SAĞIROĞLU S., TÜRKER H. T., sadri r., DELİKTAŞ B.  
iSTE-CE'xx2019- International Conference on Innovation, Sustainability, Technology and Education in Civil Engineering, 13 - 15 June 2019
- IX. **Investigation of the tensile strength of cement-based materials under biaxial bending stress with the triangle plate method (UDP)**  
TÜRKER H. T., MARDANI AGHABAGLOU A., DELİKTAŞ B.  
10 th International Concrete Congress, Bursa, Turkey, 2 - 04 May 2019, pp.486-494
- X. **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
- XI. **Creep constitutive equations for predicting creep response of a P91 steel**  
DELİKTAŞ B., DURMUŞ A., TÜRKER H. T., SÖNMEZ M.  
CMM-2017 - 22nd Computer Methods in Mechanics, 13 - 16 September 2017
- XII. **TABAKALI KOMPOZİT MALZEMELERİN BALİSTİK DARBE PERFORMASININ TAHMİNİN SAYISAL MODDELLENMESİ**  
DELİKTAŞ B., DURMUŞ A., Poyraz S.  
20 ulusal mekanik, Turkey, 5 - 09 September 2017
- XIII. **Sonlu Elamanlar Analizi ile Kompozit Malzemelerin Balistik Performansının Tahmini**  
DELİKTAŞ B., POYRAZ S., DURMUŞ A.  
20. Ulusal Mekanik Kongresi, Bursa, Turkey, 5 - 09 September 2017
- XIV. **IDENTIFICATION OF THE CREEP MODELS PARAMETERS OF THE METALIC MATERIALS USING EVOLUTIONARY ALGORITHMS**  
DELİKTAŞ B., TÜRKER H. T., SÖNMEZ M., DURMUŞ A.  
ICENS 2017 3th Interational Conference on Engineering and Natural Science, 3 - 07 May 2017
- XV. **NUMERICAL INVESTIGATION THE EFFECTS OF GEOMETRICAL PARAMETERS ON FRACTURE**

## CHARACTERISTICS OF NOTCHED SMALL PUNCH TESTING SPECIMENS

DELİKTAŞ B., Türtük İ. C., Şakacı M.

European Commission funded International Workshop Materials resistant to extreme conditions for future energy systems, 12 - 14 June 2017

- XVI. **Identification of the creep models parameters of the metallic materials using evolutionary algorithms**  
DELİKTAŞ B., TÜRKER H. T., SÖNMEZ M., Durmus A.  
ICENS 2017, 3 - 07 May 2017
- XVII. **Characterization of Creep Behavior of high Temperature P91 steel using Uniaxial Creep and Small Punch Tests**  
DELİKTAŞ B., SÖNMEZ M., TÜRKER H. T.  
ACEM16, world congress on advances in civil environmental and materials research, 28 August 2016
- XVIII. **MODELING FRICTIONAL EFFECTS IN WEAR OF METALS USING STRAIN GRADIENT PLASTICITY**  
DELİKTAŞ B., Türtük I., Voyiadjis G.  
SUSTAINABLE INDUSTRIAL PROCESSING SUMMIT, 2015, 4 - 09 October 2015
- XIX. **Numerical Modeling for the Flexural Behavior of Reinforced Concrete Beams Strengthened with FRP Sheets**  
AKTAN S., POLAT K., KÖKSAL H. O., DORAN B., DELİKTAŞ B.  
11th International Congress On Advances In Civil Engineering, 21 - 25 October 2014
- XX. **Thermoplasticity coupled creep damage model for predicting behavior of P91 steel during Small Punch creep testing**  
DELİKTAŞ B., GÜLÇİMEN ÇAKAN B., Haehner P.  
3rd INTERNATIONAL WORKSHOP ON PHYSICS BASED MATERIAL MODELS AND EXPERIMENTAL OBSERVATIONS, İzmir, Turkey, 2 - 04 June 2014
- XXI. **Analysing Blast Response of a Steel Framed Structure Using Damage Based Material Model**  
ACIKARA T., DELİKTAŞ B., TÜRÜK İ. C., SOYARSLAN C., YAZICI M.  
ICESA 2014, 17 - 20 May 2014, pp.8-16
- XXII. **AB Cemlib Projesi ile Mühendislik Mekaniği Ders Uygulamaları**  
BİKÇE M., DELİKTAŞ B., HİLMİ C., TÜRKER H. T.  
2. İnşaat Mühendisliği Eğitimi Sempozyumu, Muğla, Turkey, 23 - 24 September 2011, pp.141-148
- XXIII. **AB CemLib Projesi ile Mühendislik Mekaniği Ders Uygulamaları**  
BİKÇE M., DELİKTAŞ B., ÇOŞKUN H., Türker H. T.  
İnşaat Mühendisliği Eğitimi 2. Sempozyumu, Turkey, 23 - 24 September 2011
- XXIV. **Ab Cemlib Projesi İle Mühendislik mekaniği Ders Uygulamaları**  
BİKÇE M., DELİKTAŞ B., ÇOŞKUN H., TÜRKER H. T.  
İnşaat Mühendisliği Eğitimi 2. Sempozyumu, Turkey, 23 - 24 September 2011
- XXV. **Modelling Studies to Simulate Mechanical Behavior of Concrete**  
ÖRNEK M., CANER F. C., DELİKTAŞ B.  
3rd International Symposium, Creating The Future, 09 June 2004 - 11 June 2010, pp.179-185
- XXVI. **Development of a pilot course on engineering education**  
DELİKTAŞ B., Hilmi C., BİKÇE M.  
6 th Asee Global Colloquium on Engineering Education, İstanbul, Turkey, 1 - 04 October 2007
- XXVII. **Inverse Procedure for the Parameters Identification of the Microplane Material Model**  
DELİKTAŞ B., CANER F. C., ÖRNEK M.  
International Conference on Modelling of Heterogeneous Materials with Applications in Construction and Biomedical Engineering, 11 - 13 April 2007, pp.214-216
- XXVIII. **Mühendislik Mekaniği Dersinin iyi Anlaşılması için Yazılım Destekli Ders Materyallerinin Hazırlanması**  
ÇOŞKUN H., DELİKTAŞ B., BİKÇE M., TÜRKER H. T.  
II. Ulusal Mühendislik Kongresi, Turkey, 11 - 13 May 2006
- XXIX. **Genetik Algoritma Parametrelerinin Betonarme Kiriş Tasarımı Üzerine Etkisi**  
DELİKTAŞ B., TÜRKER H. T., ÇOŞKUN H., BİKÇE M.

Deprem Sempozyumu, Turkey, 23 - 25 March 2005

XXX. **Kompozit Malzemeler için Anizotrop Hasar Modelinin Termodinamik Esaslara Uyumlu Formülasyonu**  
DELİKTAŞ B., ÇALIŞICI M.

XIII. Ulusal Mekanik Kongresi, Turkey, 8 - 12 September 2003, pp.333-340

XXXI. **Matrix and fiber damage coupled with the analysis of MMCs**

Deliktas B., Voyiadjis G. Z.

Proceedings of the 1999 ASME Energy Sources Technology Conference, Houston, TX, USA, 1 - 03 February 1999

## Supported Projects

Yazıcı M., Deliktaş B., TUBITAK Project, DEVELOPING AI-BASED SOFTWARE FOR PART DESIGN IN PLASTIC INJECTION AND MANUFACTURING REAL-TIME TRACKING AND CONTROL OF PARTS AND MECHANICAL PROPERTIES AND OPTIMIZATION OF MANUFACTURING PROCESSES, 2020 - 2027

Deliktaş B., Koch T., EU Supported Other Project, Holistic Federated AI Development for Mixed-Reality Applications in Europe, 2022 - 2025

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