

## Assoc. Prof. ALİ İHSAN ÇELİK

### Personal Information

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### International Researcher IDs

ScholarID: tC-aSZ8AAAAJ

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Publons / Web Of Science ResearcherID: X-5036-2019

ScopusID: 57930477800

Yoksis Researcher ID: 28292

### Education Information

Doctorate, Hasan Kalyoncu University, Institute Of Science, İnşaat Mühendisliği, Turkey 2013 - 2018

Postgraduate, Gaziantep University, Faculty Of Engineering, Department Of Mechanical Engineering (English), Turkey 2009 - 2012

Undergraduate, Gazi University, Teknik Eğitim Fakültesi, Makine Eğitimi Bölümü, Turkey 1992 - 1996

### Foreign Languages

English, B2 Upper Intermediate

### Research Areas

Civil Engineering, Mechanical, Engineering and Technology

### Academic Titles / Tasks

Assistant Professor, Kayseri University, Tomarza Mustafa Akıncioğlu Meslek Yüksekokulu, İnşaat Bölümü, 2020 - Continues

Assistant Professor, Adiyaman University, Besni Vocational School, Department Of Computer Technologies, 2020 - 2020

### Academic and Administrative Experience

Erasmus Program Department Coordinator, Kayseri University, Tomarza Mustafa Akıncioğlu Meslek Yüksekokulu, İnşaat Bölümü, 2024 - Continues

Member of Department Quality Commission, Kayseri University, Tomarza Mustafa Akıncioğlu Meslek Yüksekokulu, İnşaat Bölümü, 2023 - Continues

Adaptation/Exemption Committee Member, Kayseri University, Tomarza Mustafa Akıncioğlu Meslek Yüksekokulu, İnşaat Bölümü, 2023 - Continues

Department Academic Incentive Evaluation Commission Chairperson, Kayseri University, Tomarza Mustafa Akıncioğlu Meslek Yüksekokulu, İnşaat Bölümü, 2023 - Continues

Meslek Yüksekokulu Kurulu Üyesi, Kayseri University, Tomarza Mustafa Akıncioğlu Meslek Yüksekokulu, İnşaat Bölümü, 2022 - Continues  
Meslek Yüksekokulu Yönetim Kurulu Üyesi, Kayseri University, Tomarza Mustafa Akıncioğlu Meslek Yüksekokulu, İnşaat Bölümü, 2022 - Continues  
Head of Department, Kayseri University, Tomarza Mustafa Akıncioğlu Meslek Yüksekokulu, İnşaat Bölümü, 2020 - Continues  
Assistant Director of Vocational School, Kayseri University, Tomarza Mustafa Akıncioğlu Meslek Yüksekokulu, İnşaat Bölümü, 2020 - 2022

## Courses

### Postgraduate

SONLU ELEMANLAR METODU İLE YAPISAL ANALİZLER, Postgraduate, 2024 - 2025, 2023 - 2024

### Undergraduate

STATİK VE MUKAVEMET, Undergraduate, 2023 - 2024

Çelik Yapılar, Undergraduate, 2024 - 2025

Betonarme ve Çelik, Undergraduate, 2023 - 2024

Çelik Yapılar (Güz Dönemi), Undergraduate, 2023 - 2024

Statik ve Mukavemet (Güz dönemi), Undergraduate, 2023 - 2024

### Associate Degree

ARAŞTIRMA YÖNTEM VE TEKNİKLERİ, Associate Degree, 2024 - 2025

ÇELİK YAPILAR II, Associate Degree, 2023 - 2024

Mukavemet, Associate Degree, 2023 - 2024

YAPI STATİĞİ-II, Associate Degree, 2023 - 2024

YAPI STATİĞİ-II, Associate Degree, 2023 - 2024

Statik, Associate Degree, 2024 - 2025

YAPI STATİĞİ 1, Associate Degree, 2024 - 2025

Bilgisayar Destekli Tasarım, Associate Degree, 2024 - 2025

ÇELİK YAPILAR-II, Associate Degree, 2023 - 2024

ÇELİK YAPILAR I, Associate Degree, 2024 - 2025

Çelik Yapılar-II, Associate Degree, 2022 - 2023

YAPI STATİĞİ 2, Associate Degree, 2022 - 2023

Çelik Yapılar, Associate Degree, 2023 - 2024

Bilgisayar Destekli Tasarım, Associate Degree, 2023 - 2024

ÇELİK YAPILAR, Associate Degree, 2023 - 2024

Yapı Statiği ve Mukavemet, Associate Degree, 2022 - 2023

Çelik Yapılar-II, Associate Degree, 2022 - 2023

Matematik-II, Associate Degree, 2021 - 2022

Matematik-II, Associate Degree, 2021 - 2022

Bilgisayar Destekli Çizim, Associate Degree, 2021 - 2022

Yapı Statiği, Associate Degree, 2022 - 2023

Bilgisayar Destekli Çizim, Associate Degree, 2021 - 2022

Çelik Yapılar, Associate Degree, 2021 - 2022

MATEMATİK-II, Associate Degree, 2021 - 2022

Matematik-II, Associate Degree, 2021 - 2022

Kariyer Planlama, Associate Degree, 2021 - 2022

## Jury Memberships

Post Graduate, Post Graduate, Kayseri Üniversitesi, July, 2024

## Designed Courses And Trainings

Çelik A. İ., ANSYS Workbench Eğitimi, February 2024

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

- I. **Study on mechanical, dynamic impact, and microstructural properties of eco-friendly geopolymer paving stones cured in ambient conditions**  
Çelik A. İ., TUNÇ U., Karalar M., Şahan M. F., Özkılıç Y. O.  
CONSTRUCTION AND BUILDING MATERIALS, vol.464, 2025 (SCI-Expanded)
- II. **Low carbon footprint lightweight GPM production: Optimization of carbon fiber and hydrogen peroxide**  
Çelik A. İ., Tunç U., Kayabaşı R., Acar M. C., Şener A.  
CONSTRUCTION AND BUILDING MATERIALS, vol.457, 2024 (SCI-Expanded)
- III. **Effect of GBFS ratio and recycled steel tire wire on the mechanical and microstructural properties of geopolymer concrete under ambient and oven curing conditions**  
ÇELİK A. İ., Karalar M., Aksoylu C., Mydin M. A. O., Althaqafi E., Yilmaz F., Umiye O. A., Ozkiloc Y. O.  
CASE STUDIES IN CONSTRUCTION MATERIALS, vol.21, 2024 (SCI-Expanded)
- IV. **Influence of aluminum waste, hydrogen peroxide, and silica fume ratios on the mechanical and thermal characteristics of alkali-activated sustainable raw perlite based geopolymer paste**  
Çelik A. İ., TUNÇ U., Kayabaşı R., ACAR M. C., Şener A., Özkılıç Y. O.  
SUSTAINABLE CHEMISTRY AND PHARMACY, vol.41, 2024 (SCI-Expanded)
- V. **Influence of Slag, Silica Fume and Waste Tire Wire on High-Strength Characteristics of Geopolymer Concrete Cured Under Ambient and Oven Conditions**  
Çelik A. İ.  
INTERNATIONAL JOURNAL OF CIVIL ENGINEERING, vol.22, no.9, pp.1565-1585, 2024 (SCI-Expanded)
- VI. **Buckling conditions and strengthening by CFRP composite of cylindrical steel water tanks under seismic load**  
ÇELİK A. İ., KÖSE M. M., Apay A. C.  
EARTHQUAKES AND STRUCTURES, vol.27, no.2, pp.97-111, 2024 (SCI-Expanded)
- VII. **Performance of aerated lightweighted concrete using aluminum lathe and pumice under elevated temperature**  
Alharthai M., Ozkiloc Y. O., Karalar M., Mydin M. A. O., Ozdoner N., ÇELİK A. İ.  
STEEL AND COMPOSITE STRUCTURES, vol.51, no.3, pp.271-288, 2024 (SCI-Expanded)
- VIII. **Effect of the initial imperfection on the response of the stainless steel shell structures**  
ÇELİK A. İ., Zeybek O., Ozkiloc Y. O.  
STEEL AND COMPOSITE STRUCTURES, vol.50, no.6, pp.705-720, 2024 (SCI-Expanded)
- IX. **Fresh and hardened properties of expansive concrete utilizing waste aluminum lathe**  
Özkılıç Y. O., Zeybek Ö., Çelik A. İ., Althaqafi E., Mydin M. A. O., Dulaimi A., Karalar M., Jagadesh P.  
Steel and Composite Structures, vol.50, no.5, pp.595-608, 2024 (SCI-Expanded)
- X. **Waste ceramic powder for sustainable concrete production as supplementary cementitious material**  
Ozkiloc Y. O., Bahrami A., Guzel Y., Soganci A. S., Karalar M., Althaqafi E., ÇELİK A. İ., Zeybek O., Jagadesh P.  
FRONTIERS IN MATERIALS, vol.11, 2024 (SCI-Expanded)
- XI. **Mechanical performance of geopolymer concrete with micro silica fume and waste steel lathe scraps**  
ÇELİK A. İ., Özkılıç Y. O., Bahrami A., Hakeem I. Y.  
Case Studies in Construction Materials, vol.19, 2023 (SCI-Expanded)
- XII. **Buckling of axially loaded shell structures made of stainless steel**

- Zeybek O., ÇELİK A. İ., Ozkılıc Y. O.  
STEEL AND COMPOSITE STRUCTURES, vol.48, no.6, pp.681-691, 2023 (SCI-Expanded)
- XIII. **Mechanical Performance of Geopolymer Concrete Based on Basalt and Marble Powder**  
ÇELİK A. İ.  
IRANIAN JOURNAL OF SCIENCE AND TECHNOLOGY-TRANSACTIONS OF CIVIL ENGINEERING, vol.47, no.4, pp.2173-2187, 2023 (SCI-Expanded)
- XIV. **Optimum usage of waste marble powder to reduce use of cement toward eco-friendly concrete**  
Ozkılıc Y. O., Zeybek O., Bahrami A., Çelik A. İ., Mydin M. A. O., Karalar M., Hakeem I. Y., Roy K., Jagadesh P.  
JOURNAL OF MATERIALS RESEARCH AND TECHNOLOGY-JMR&T, vol.25, pp.4799-4819, 2023 (SCI-Expanded)
- XV. **Use of Waste Glass Powder toward more Sustainable Geopolymer Concrete**  
Çelik A. İ., Tunç U., Bahrami A., Karalar M., Othuman Mydin M. A., Alomayri T., Özkılıç Y. O.  
JOURNAL OF MATERIALS RESEARCH AND TECHNOLOGY, vol.24, no.May-June 2023, pp.8533-8546, 2023 (SCI-Expanded)
- XVI. **The use of Crushed Recycled Glass for Alkali Activated Fly Ash Based Geopolymer Concrete and Prediction of Its Capacity**  
Özkılıç Y. O., Çelik A. İ., Tunç U., Karalar M., Deifalla A., Alomayri T., Althoey F.  
JOURNAL OF MATERIALS RESEARCH AND TECHNOLOGY, vol.24, no.May-June 2023, pp.8267-8281, 2023 (SCI-Expanded)
- XVII. **Production of perlite-based-aerated geopolymer using hydrogen peroxide as eco-friendly material for energy-efficient buildings**  
Acar M. C., Çelik A. İ., Kayabaşı R., Şener A., Ozdoner N., Ozkılıc Y. O.  
JOURNAL OF MATERIALS RESEARCH AND TECHNOLOGY-JMR&T, vol.24, pp.81-99, 2023 (SCI-Expanded)
- XVIII. **Geopolymer concrete with high strength, workability and setting time using recycled steel wires and basalt powder**  
Çelik A. İ., Ozkılıc Y. O.  
STEEL AND COMPOSITE STRUCTURES, vol.46, no.5, pp.689-707, 2023 (SCI-Expanded)
- XIX. **Performance evaluation of fiber-reinforced concrete produced with steel fibers extracted from waste tire**  
Zeybek O., Ozkılıc Y. O., ÇELİK A. İ., Deifalla A. F., Ahmad M., Sabri Sabri M. M.  
FRONTIERS IN MATERIALS, vol.9, 2022 (SCI-Expanded)
- XX. **Mechanical Behavior of Crushed Waste Glass as Replacement of Aggregates**  
ÇELİK A. İ., Ozkılıc Y. O., Zeybek O., Karalar M., Qaidi S., Ahmad J., Burduhos-Nergis D. D., Bejinariu C.  
MATERIALS, vol.15, no.22, 2022 (SCI-Expanded)
- XXI. **Influence of Replacing Cement with Waste Glass on Mechanical Properties of Concrete**  
Zeybek Ö., Özkılıç Y. O., Kara M., Çelik A. İ., Qaidi S., Ahmad J., Burduhos-Nergis D. D., Burduhos-Nergis D. P.  
MATERIALS, vol.15, no.21, pp.1-17, 2022 (SCI-Expanded)
- XXII. **Effect of Activators in Different Ratios on Compressive Strength of Geopolymer Concrete**  
Çelik A. İ., Özbayrak A., Şener A., Acar M. C.  
CANADIAN JOURNAL OF CIVIL ENGINEERING, vol.1, no.1, pp.1-26, 2022 (SCI-Expanded)
- XXIII. **Performance Assessment of Fiber-Reinforced Concrete Produced with Waste Lathe Fibers**  
Çelik A. İ., Özkılıç Y. O., Zeybek Ö., Özdöner N., Tayeh B. A.  
SUSTAINABILITY, vol.14, no.19, pp.1-16, 2022 (SCI-Expanded)
- XXIV. **ÇAPRAZ KAMALI HADDELEME KALIP TASARIMINDA UYGULANMASI GEREKEN KUVVET ÜZERİNE ETKİ EDEN PARAMETRELERİN İNCELENMESİ**  
Çelik A. İ., Yılmaz N. F.  
Journal Of The Faculty Of Engineering And Architecture Of Gazi University, vol.28, no.3, pp.501-5011, 2013 (SCI-Expanded)

## Articles Published in Other Journals

- I. **HAM PERLİT ESASLI HAFİF GEOPOLİMERLERDE HİDROJEN PEROKSİT KAYNAKLI GENLEŞME: DENEYSEL BİR YAKLAŞIM**  
Çelik A. İ., Acar M. C., Tunç U., Kayabaşı R., Şener A.  
KSÜ Mühendislik Bilimleri Dergisi, vol.27, no.3, pp.886-895, 2024 (Peer-Reviewed Journal)
- II. **Experimental investigation of the effect of longitudinal tensile reinforcement ratio on ductility behaviour in GPC beams**  
Özbayrak A., Çelik A. İ., Acar M. C., Şener A.  
Journal of Sustainable Construction Materials and Technologies, vol.9, no.2, pp.114-127, 2024 (Scopus)
- III. **A LITERATURE REVIEW ABOUT EFFECTS of PHASE CHANGING MATERIALS on COMPRESSIVE STRENGTH and THERMAL CONDUCTIVITY of BUILDING COMPONENTS**  
Çelik A. İ., Kayabaşı R., Şener A.  
Mühendislik Bilimleri ve Tasarım Dergisi, vol.10, no.4, pp.1495-1508, 2022 (Peer-Reviewed Journal)
- IV. **Numerical analysis of flexural and shear behaviors of geopolymer concrete beams**  
Çelik A. İ., Özbayrak A., Şener A., Acar M. C.  
Journal of Sustainable Construction Materials and Technologies, vol.7, no.2, 2022 (Peer-Reviewed Journal)
- V. **Evaluation of energy retention capacity of composite CFRP and GFRP in RC beam strength**  
Çelik A. İ.  
Evaluation of energy retention capacity of composite CFRP and GFRP in RC beam strength, vol.8, no.2, pp.1-29, 2022 (Peer-Reviewed Journal)
- VI. **Impact Analysis of Cylindrical Steel Water Storage Tanks Under the Seismic Action**  
Çelik A. İ.  
International journal of advances in engineering and pure sciences (Online), vol.34, no.1, pp.1-13, 2022 (Peer-Reviewed Journal)
- VII. **THE EFFECT OF ZEOLITE ADDITIVE ON GEOPOLYMER MORTARS**  
Acar M. C., Şener A., Özbayrak A., Çelik A. İ.  
Mühendislik ve Tasarım Bilimleri Dergisi, vol.8, no.3, pp.820-832, 2020 (Peer-Reviewed Journal)
- VIII. **ÇELİK TAHİL DEPOLAMA SİLOLARININ SİSMİK ANALİZİ ÜZERİNE GENEL BİR DEĞERLENDİRME VE YENİ ANALİZ YAKLAŞIMLARI**  
Çelik A. İ., Köse M. M.  
Mühendislik Bilimleri ve Tasarım Dergisi, vol.8, no.2, pp.501-521, 2020 (Peer-Reviewed Journal)
- IX. **Dynamic buckling analysis of cylindrical steel water storage tanks subjected to Kobe earthquake loading**  
Çelik A. İ., Köse M. M.  
Steel Construction, vol.13, no.2, pp.128-138, 2020 (ESCI)
- X. **Effects of Shell Thickness on Directional Deformation and Buckling Behaviour Cylindrical Steel Water Tanks Subjected to the Kobe Earthquake**  
Çelik A. İ., Köse M. M., Akgül T., Apay A. C.  
Sakarya Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.23, no.2, pp.269-281, 2019 (Peer-Reviewed Journal)
- XI. **Strengthening of Cylindrical Steel Water Tank Under the Seismic Loading**  
Çelik A. İ., Köse M. M., Akgül T., Apay A. C.  
Kahramanmaraş Sütcü İmam Üniversitesi Mühendislik Bilimleri Dergisi, vol.41507441831, no.21, pp.334-345, 2018 (Peer-Reviewed Journal)
- XII. **DIRECTIONAL-DEFORMATION ANALYSIS OF CYLINDRICAL STEEL WATER TANKS SUBJECTED TO EL-CENTRO EARTHQUAKE LOADING**  
Çelik A. İ., Köse M. M., Akgül T., Apay A. C.  
Sigma Journal of Engineering and Natural Sciences, vol.36, no.4, pp.1033-1046, 2018 (ESCI)
- XIII. **PLASTIC DEFORMATION OF CYLINDRICAL STEEL TANK BOTH UNDER THE KOCAELI AND EL-CENTRO EARTHQUAKE**  
Çelik A. İ., Akgül T., Apay A. C.  
International Journal of Advance Engineering and Research Development, vol.5, no.9, pp.27-35, 2018 (Peer-Reviewed Journal)

- XIV. **Sismik Yükleme Altında Silindirik Çelik Su Tanklarının Gerilme ve Burkulma Analizi**  
Çelik A. İ., Akgül T., Apay A. C., Yurtsever A.  
Sürdürülebilir Mühendislik Uygulamaları ve Teknolojik Gelişmeler Dergisi, vol.1, no.2, pp.55-66, 2018 (Peer-Reviewed Journal)

## Books

- I. **ANSYS® Workbench ile Mekanik Analizler**  
Çelik A. İ.  
Nobel Yayınevi, Ankara, 2020
- II. **Step by Step Finite Element Method With ANSYS Workbench**  
Çelik A. İ.  
Nobel Tıp Kitapevi, Ankara, 2019
- III. **SEISMIC PERFORMANCE and STRENGTHENING of CYLINDRICAL STEEL TANKS**  
Çelik A. İ.  
Grosset & Dunlap, Inc. see Penguin Putnam Inc., Inc., Riga, 2018
- IV. **ASP.Net ile SQL Server Veri Tabanı Uygulamaları**  
Çelik A. İ.  
Ekin Yayınevi, Bursa, 2016

## Papers Published in Refereed Scientific Meetings

- I. **INVESTIGATION OF THE EFFECT OF GLASS FIBER ADDITION OF DIFFERENT LENGTHS ON MECHANICAL PERFORMANCE IN HORASAN MORTAR PRODUCED WITH HYDRAULIC LIME, TILE POWDER, FLY ASH AND BASALT POWDER**  
ÇATLI G. S., Akbaş B., MÜEZZİNOĞLU Ş. S., ÇELİK A. İ.  
14TH INTERNATIONAL İSTANBUL SCIENTIFIC RESEARCH CONGRESS, İstanbul, Turkey, 26 December 2024
- II. **Hafif Çelik Hangarların Sismik Performansının Sonlu Elemanlar Metodu ile Analizi**  
ÇELİK A. İ., BÜYÜKÖNDER N.  
EGE 12th INTERNATIONAL CONFERENCE ON APPLIED SCIENCES, İzmir, Turkey, 26 December 2024
- III. **AN INVESTIGATION ON THE COMPRESSIVE AND FLEXURAL STRENGTHS OF WASTE MATERIAL BASED GEOPOLYMER CONCRETES**  
Çelik A. İ., Tunç U., Altın M.  
19TH INTERNATIONAL İSTANBUL SCIENTIFIC RESEARCH CONGRESS ON LIFE, ENGINEERING, ARCHITECTURE AND MATHEMATICAL SCIENCES, İstanbul, Turkey, 16 - 18 November 2024, pp.548-561
- IV. **THE EFFECT OF INNOVATIVE AND ECO-FRIENDLY MATERIALS ON THE MECHANICAL PERFORMANCE OF LIGHTWEIGHT STRUCTURAL ELEMENTS**  
Çelik A. İ., Tunç U.  
18th INTERNATIONAL İSTANBUL CONGRESS ON LIFE, ENGINEERING, ARCHITECTURE, AND MATHEMATICAL SCIENCES, İstanbul, Turkey, 19 - 21 August 2024, pp.196-210
- V. **Rastgele Poliamid Lif İlave Edilmiş Betonarme Kirişin Sonlu Elemanlar Metodu ile Analiz Edilmesi**  
ÇELİK A. İ.  
5th International Conference on Engineering and Applied Natural Sciences, Konya, Turkey, 25 - 26 August 2024, pp.1056-1064
- VI. **Finite Element Analysis of Adobe Building Components**  
Kalli D., ÇELİK A. İ.  
IV. International Architectural Sciences and Applications Symposium, Turkey, 30 - 31 May 2024, pp.1712-1717
- VII. **ANALYSIS OF HISTORICAL ARCH STRUCTURES USING THE FINITE ELEMENT METHOD: THE CASE OF TEKGOZ BRIDGE**

ÇELİK A. İ., Kılıç Urfalı F.

7. INTERNATIONAL SCIENTIFIC RESEARCH AND INNOVATIVE STUDIES CONGRESS, Antalya, Turkey, 11 - 13 May 2024, pp.715-723

**VIII. INVESTIGATION OF THE EFFECT OF BORAX AND HYDROGEN PEROXIDE ON PERLITE BASED GEOPOLYMER**

Çelik A. İ., Tunç U.

16th INTERNATIONAL ISTANBUL CONGRESS ON LIFE, ENGINEERING, ARCHITECTURE, AND MATHEMATICAL SCIENCES, İstanbul, Turkey, 28 - 29 February 2024, vol.9786256879508, pp.125-131

**IX. BETONARME ÇERÇEVENİN DOĞRUSAL OLMAYAN SAYISAL ANALİZİ İÇİN BİR MODEL ÇALIŞMASI**  
BİNAY Ş. B., ÇELİK A. İ.

13. ULUSLARARASI MÜHENDİSLİK, MİMARLIK VE TASARIM KONGRESİ, Turkey, 8 - 09 June 2024, pp.563-571

**X. Geopolimer Beton İle Üretilen Zemin Kaplama Malzemesi: Parke Taşının Mekanik Performansının İncelenmesi**

Tunç U., Çelik A. İ.

6. ULUSLARARASI MÜHENDİSLİK BİLİMLERİ VE MULTİDİSİPLİNER YAKLAŞIMLAR KONGRESİ, İstanbul, Turkey, 2 - 03 December 2023, vol.46, no.2023, pp.556-566

**XI. GEOPOLİMER BETON İLE ÜRETİLEN ZEMİN KAPLAMA MALZEMESİ: PARKE TAŞININ MEKANİK PERFORMANSININ İNCELENMESİ**

TUNÇ U., ÇELİK A. İ.

6. ULUSLARARASI MÜHENDİSLİK BİLİMLERİ VE MULTİDİSİPLİNER YAKLAŞIMLAR KONGRESİ, İstanbul, Turkey, 2 - 03 December 2023

**XII. YÜKSEK MUKAVEMETLİ PASLANMAZ ÇELİK KUTU PROFİLLERİN BURKULMA DAVRANIŞLARININ FEM İLE GERÇEKLEŞTİRİLMESİ**

Çelik A. İ.

1. BİLSEL INTERNATIONAL HARPOT SCIENTIFIC RESEARCHES CONGRESS, Elazığ, Turkey, 25 - 26 November 2023, pp.512-524

**XIII. THE EFFECT OF PHASE CHANGING MATERIALS ON STRENGTH AND THERMAL CONDUCTIVITY IN BUILDING COMPONENTS**

Çelik A. İ., Kayabaşı R., Şener A.

6. ULUSLARARASI MUHENDİSLİK MİMARLIK VE TASARIM KONGRESİ, İstanbul, Turkey, 17 - 18 December 2020, no.36934, pp.897-905

**XIV. THE EFFECT OF PHASE CHANGING MATERIALS ON STRENGTH AND THERMAL CONDUCTIVITY IN BUILDING COMPONENTS**

ÇELİK A. İ., KAYABAŞI R., ŞENER A.

6. ULUSLARARASI MUHENDİSLİK MİMARLIK VE TASARIM KONGRESİ, 17 - 18 December 2020, vol.39, pp.897-905

**XV. A NEW MODEL PROPOSAL for STEEL DAMPERS DESIGNED to SEISMIC ENERGY DISSIPATION**

Özbayrak A., Çelik A. İ.

6. ULUSLARARASI MUHENDİSLİK MİMARLIK VE TASARIM KONGRESİ, İstanbul, Turkey, 17 - 18 December 2020, vol.39, pp.880-887

## Supported Projects

ACAR M. C., ŞENER A., KAYABAŞI R., TUNÇ U., ÇELİK A. İ., Project Supported by Higher Education Institutions, Yeşil yapı malzemesi olarak Hidrojen Peroksit ve Cam Elyaf Katkıları kullanılarak Ham Perlit esash gazlı geopolimer macun ve harçların üretimi, 2023 - 2024

ÇELİK A. İ., ZEYBEK Ö., ÖZKILIÇ Y. O., Project Supported by Higher Education Institutions, Delik Açılmış İnce Cidarlı Silindirik Paslanmaz Çelik Yapıların İncelenmesi, 2022 - 2023

ACAR M. C., ŞENER A., KAYABAŞI R., ÇELİK A. İ., Project Supported by Higher Education Institutions, Alkali İle Aktive Edilmiş Öğütülmüş Ham Perlit Macun ve Harçların Dayanım Özelliklerinin Araştırılması, 2022 - 2023

ÇELİK A. İ., ŞENER A., ACAR M. C., ÖZBAYRAK A., Project Supported by Higher Education Institutions, Geopolimer ve

Portland Çimentosu Betonundan Yapılan Betonarme Kirişlerin Mekanik Özelliklerinin Deneysel ve Numerik olarak İncelenmesi, 2020 - 2022

Çelik A. İ., Albyrak M., Kutlu H., Yazan E., Project Supported by Higher Education Institutions, Web tabanlı Eşzamanlı Staj Denetimi ile Mesleki Verimliliğin Artırılması, 2014 - 2016

## Peer Reviews in Scientific Publications

Sustainable Chemistry and Pharmacy, SCI Journal, November 2024

Journal of Structural Integrity and Maintenance, Journal Indexed in ESCI, September 2024

Journal of Structural Integrity and Maintenance, Journal Indexed in ESCI, September 2024

Sustainable Chemistry and Pharmacy, SCI Journal, September 2024

Sustainable Chemistry and Pharmacy, SCI Journal, September 2024

HELIYON, SCI Journal, September 2024

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