



Dr. Öğr. Üyesi MOHELDEEN HEJAZI

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EĞİTİM BİLGİLERİ

Derece	Üniversite	Bölüm	Yıl
Doktora	Istanbul Teknik Üniversitesi	İNŞAAT MÜHENDİSLİĞİ	2018 - 2024
Yüksek Lisans	Jordan University of Science and Technology	İNŞAAT MÜHENDİSLİĞİ	2016 - 2018
Lisans	Jordan University of Science and Technology	İNŞAAT MÜHENDİSLİĞİ	2012 - 2016

ARAŞTIRMA ALANLARI

inşaat mühendisliği, yapı malzemeleri, Risk analizi, sayısal modelleme, yapay zeka, sonlu eleman modelleme, patlama mühendisliği, yangın mühendisliği, darbe ve marmi mühendisliği, tasarım ve modelleme geliştirme

AKADEMİK GÖREVLER

Görev	Üniversite	Alan	Yıl
Dr. Öğr. Üyesi	Altınbaş Üniversitesi	İNŞAAT MÜHENDİSLİĞİ	2024 -

İDARİ GÖREVLER

Görev	Üniversite	Yıl
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AKADEMİK VE MESLEKİ ÜYELİKLER

Kurum	Üyelik	Yıl
İnşaat Mühendisler Odası	Üye-Yüksek İnşaat Mühendisi	2022 -
Scientific Institutions and Societies- Mendeley	Danışman	2020 -
The Institute of Structural Engineers	Üye	2018 -
American Society of Testing and Materials-ASTM	Üye	2017 -
American Concrete Institute-ACI	Üye	2017 -
American Society of Civil Engineers-ASCE	Üye	2017 -

ÜNİVERSİTE DIŞI DENEYİM

Ülke	Kurum	Görev	Yıl
TÜRKİYE	HGCO MÜHENDİSLİK PROJE İNŞAAT YAZILIM VE MEDİKAL SANAYİ VE TİCARET LİMİTED ŞİRKETİ	Proje Müdür, Kurucu ortak	2023 -
TÜRKİYE	HARDSHIELD MÜHENDİSLİK PROJE İNŞAAT TİCARET LİMİTED ŞİRKETİ	İnşaat Mühendisi	2021 - 2023

KİTAPLAR

MAKALELER

Novel Nonlinear Model for Analysis of RC Slabs with Various Boundary Conditions Under Monotonic Loading
Alhassan Mohammad, Al Rousan Rajai, HEJAZI MOHELDEEN
International Review of Civil Engineering (IRECE), 2018

Uluslararası

MAKALELER

Novel nonlinear stiffness parameters and constitutive curves for concrete

Al Rousan Rajai, Alhassan Mohammad, HEJAZI MOHELDEEN

Computers and Concrete , 2018

[Uluslararası](#)

Concerning the tensor-based flexural formulation: Theory

Al Rousan Rajai, Alhassan Mohammad, HEJAZI MOHELDEEN

Structural Engineering and Mechanics , 2019

[Uluslararası](#)

Impact Resistance of Steel Fiber-Reinforced Concrete Panels Using Genetic Algorithm Optimization

Al Rjoub Yousef, HEJAZI MOHELDEEN

Advances in Civil Engineering Materials , 2019

[Uluslararası](#)

Concerning the tensor-based flexural formulation: Applications

Alhassan Mohammad, Al Rousan Rajai, HEJAZI MOHELDEEN

Structural Engineering and Mechanics , 2021

[Uluslararası](#)

The extrema point deviatoric moment component

Al Rousan Rajai, Alhassan Mohammad, HEJAZI MOHELDEEN

Ain Shams Engineering Journal , 2021

[Uluslararası](#)

Approximate analysis of quadrilateral slabs having various cases of boundary conditions and aspect ratios

Alhassan Mohammad, Al Rousan Rajai, HEJAZI MOHELDEEN, Amairah Layla

Advances in Structural Engineering , 2021

[Uluslararası](#)

A Comparative Study on the Optimal Modeling of Laminated Glass

HEJAZI MOHELDEEN, SARI ALİ

Civil Engineering Journal , 2023

[Uluslararası](#)

A Novel Spring-Actuated Low-Velocity Impact Testing Setup

KÜÇÜK MESUT, HEJAZI MOHELDEEN, SARI ALİ

Applied System Innovation , 2024

[Uluslararası](#)

BİLDİRİLER

A MACHINE LEARNING FRAMEWORK FOR AUTOMATED GROUND MOTION PREDICTION

HEJAZI MOHELDEEN, Tinbir Serra, Khalifani Pooya , SARI ALİ

1st Croatian Conference on Earthquake Engineering,

[Uluslararası](#)

Analysis of Impact-Induced Fracture of Laminated Glass Using Multi-Objective Genetic Algorithm

HEJAZI MOHELDEEN, SARI ALİ

Structures Congress 2022,

[Uluslararası](#)

Analysis of Rectangular Plates Based on the Hydrostatic Point Phenomenon

Alhassan Mohammad, Al Rousan Rajai, HEJAZI MOHELDEEN

The 4th World Congress on Civil, Structural, and Environmental Engineering,

[Uluslararası](#)

PROJELER

PROJELER

A MachineLearning driven modeling framework for laminated glazing under blast ballistics and fire and development of technical background for a new Blast Fire and Safety Laboratory in ITU (Araştırmacı)

BAP, 14.06.2023 -

Ulusal Devam Ediyor

Performance Of the Laminated Glass Subjected To Blast Load And Impact (Araştırmacı)

BAP, 14.12.2021 - 15.05.2024

Ulusal Tamamlandı

TEZ DANIŞMANLIKLARI

DERSLER

Ders Türü	Ders Kodu	Ders Adı
Lisans	CVE207	CIVIL ENGINEERING MATERIALS
Lisans	CVE221	CIVIL ENGINEERING MATERIALS
Lisans	CVE333	STRENGTH OF MATERIALS II
Lisans	CVE439	DESIGN OF REINFORCEDN CONCRETE II
Lisans	CVE211	EARTH SCIENCES FOR CIVIL ENGINEERING
Lisans	CVE203	EARTH SCIENCES FOR CIVIL ENGINEERING
Lisans	CVE339	DESIGN OF REINFORCED CONCRETE I
Lisans	CVE236	STRENGTH OF MATERIALS FOR ARCHITECTURE

KİŞİSEL BİLGİLER

İLETİŞİM BİLGİLERİ

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