

## **Res. Asst. PhD Mehmet Ozan YILMAZ**

### **Personal Information**

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### **Education Information**

Doctorate, Yildiz Technical University, Faculty Of Civil Engineering, Civil Engineering Department, Turkey 2016 - 2023

Postgraduate, Yildiz Technical University, Faculty Of Civil Engineering, Civil Engineering Department, Turkey 2013 - 2016

### **Research Areas**

Civil Engineering, Mechanical, Structural Mechanics, Structure, Structural Engineering, Steel Structures, Performance of Constructed Facilities, Earthquake Engineering, Engineering and Technology

### **Academic Titles / Tasks**

Research Assistant PhD, Yildiz Technical University, Faculty Of Civil Engineering, Civil Engineering Department, 2014 - Continues

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

- I. **Prediction of Joint Shear Strain–Stress Envelope Through Generalized Regression Neural Networks**  
YILMAZ M. O., BEKİROĞLU S.  
Arabian Journal for Science and Engineering, vol.46, no.11, pp.10819-10833, 2021 (SCI-Expanded)

### **Articles Published in Other Journals**

- I. **Daily Traffic Load Effect Assessment on Dynamic Behavior of Bosphorus Bridge, Istanbul**  
Yilmaz M. O.  
Pamukkale University Journal of Engineering Sciences, 1 (Peer-Reviewed Journal)
- II. **Structural Reliability Evaluation of Geometric Nonlinear Systems**  
Yilmaz M. O.  
Pamukkale University Journal of Engineering Sciences, 1 (Peer-Reviewed Journal)

### **Refereed Congress / Symposium Publications in Proceedings**

- I. **INVESTIGATION OF REINFORCED CONCRETE BEAM-COLUMN JOINT BEHAVIOUR THROUGH**

## **NUMERICAL SIMULATIONS**

Yılmaz M. O., Demirbağ A. T., Bekiroğlu S.

International Civil Engineering and Architecture Conference 2019, Trabzon, Turkey, 17 - 20 April 2019, pp.1519-1528

### **II. Yapısal Güvenilirlik Değerlendirmesi ve Bayesyen Ağlar ile Güncellenmesi**

YILMAZ M. O., ŞAHİN A.

Doğal Afetler ve Afet Yönetimi Sempozyumu, Turkey, 2 - 04 March 2016

### **III. İzmit Körfez Geçiş Asma Köprüsü'nün Dinamik Analizi**

KARSLIOĞLU M., YILMAZ M. O., ŞAHİN A.

6. ÇELİK YAPILAR SEMPOZYUMU, Turkey, 9 - 11 December 2015

### **IV. Application of Integrated Earthquake Simulation for the Zeytinburnu District of Istanbul.**

ŞAHİN A., Fujita K., Hori M., Yılmaz M. O.

01 March 2014, pp.625-628

## **Metrics**

Publication: 12

Citation (Scopus): 1

H-Index (Scopus): 1

## **Non Academic Experience**

Engin Mimarlık & Mühendislik