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Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: HPC-3428-2023

ScopusID: 58523279200

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Education Information

Doctorate, Istanbul Technical University, Mimarlık, Mimarlık, Turkey 2024 - Continues

Postgraduate, Yildiz Technical University, Faculty Of Architecture, Department Of Architecture, Turkey 2021 - 2024

Undergraduate, Isik University, Faculty Of Architecture And Design, Department Of Architecture, Turkey 2016 - 2020

Foreign Languages

English, B2 Upper Intermediate

Certificates, Courses and Trainings

IT, Uygulamalı Yapay Zeka, Kadir Has Üniversitesi, 2022

Dissertations

Postgraduate, COMPARISON OF CONVOLUTIONAL NEURAL NETWORK MODELS ON EARTHQUAKE DAMAGE CLASSIFICATION IN REINFORCED CONCRETE STRUCTURES: THE CASE OF KAHRAMANMARAŞ, Yildiz Technical University, Faculty Of Architecture, Department Of Architecture, 2024

Research Areas

Artificial Intelligence, Computer Learning and Pattern Recognition, Architecture, Building Information

Academic Titles / Tasks

Research Assistant, Yildiz Technical University, Faculty Of Architecture, Department Of Architecture, 2022 - Continues

Articles Published in Other Journals

I. An ontological assessment proposal for architectural outputs of generative adversarial network

Uzun C., CANGÜR R. E.

Construction Innovation, vol.24, no.4, pp.1165-1184, 2024 (ESCI)

Refereed Congress / Symposium Publications in Proceedings

I. Autonomous Construction Site Container Orientation Module Recommendation

Cangür R. E., Tong T.

XVIII. Mimarlıkta Sayısal Tasarım Ulusal Sempozyumu, Balıkesir, Turkey, 1 - 02 July 2024, pp.455-464

II. Model Proposal for the Production of Water Wave Pattern with Continuous Panels

Cangür R. E., Er İ. E.

XVIII. Mimarlıkta Sayısal Tasarım Ulusal Sempozyumu, Balıkesir, Turkey, 1 - 02 July 2024, pp.601-612

III. Comparison of the Use of Different Convolutional Neural Network Models in the Post-Earthquake Damage Detection Process

Cangür R. E., Tong T.

4. Ulusal Yapı Fiziği ve Çevre Kontrolü Kongresi, İstanbul, Turkey, 2 - 03 May 2024, vol.1, no.2024230, pp.67-76

IV. Detection of Earthquake Damage in Reinforced Concrete Structures by Convolutional Neural Networks

Cangür R. E., Tong T.

Uluslararası Katılımlı 76. Türkiye Jeoloji Kurultayı, Ankara, Turkey, 15 - 19 April 2024, pp.54

Scientific Refereeing

AUTOMATION IN CONSTRUCTION, Journal Indexed in SCI-E, March 2024

AUTOMATION IN CONSTRUCTION, Journal Indexed in SCI-E, December 2023

Metrics

Publication: 5

Congress and Symposium Activities

XVIII. Mimarlıkta Sayısal Tasarım Ulusal Sempozyumu, Attendee, Balıkesir, Turkey, 2024

XVIII. Mimarlıkta Sayısal Tasarım Ulusal Sempozyumu , Attendee, Balıkesir, Turkey, 2024

4. Ulusal Yapı Fiziği ve Çevre Kontrolü Kongresi, Attendee, İstanbul, Turkey, 2024