

HÜSEYİN İLCAN

Kişisel Bilgiler

E-posta: huseyin.ilcan@hacettepe.edu.tr

Web: <https://avesis.hacettepe.edu.tr/14651>

Uluslararası Araştırmacı ID'leri

ORCID: 0000-0002-7853-1907

Yoksis Araştırmacı ID: 312576

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayımlanan Makaleler

- I. **3D-printable construction and demolition waste-based geopolymer: Investigating the effects of additives on engineering properties**
İLCAN H., Külak A. Y., ŞAHMARAN M.
Journal of Building Engineering, cilt.87, 2024 (SCI-Expanded)
- II. **Optimizing mechanical performance of geopolymers produced from construction and demolition waste: A comparative study of materials from different origins**
KUL A., Ozcelikci E., ÖZEL B. F., İLCAN H., ŞAHİN O., Gunal M. F., YILDIRIM G., ŞAHMARAN M.
Construction and Building Materials, cilt.426, 2024 (SCI-Expanded)
- III. **Comprehensive investigation of performance of construction and demolition waste based wood fiber reinforced geopolymer composites**
Ozcelikci E., ÖZDOĞRU E., Tuğluca M. S., İLCAN H., ŞAHMARAN M.
Journal of Building Engineering, cilt.84, 2024 (SCI-Expanded)
- IV. **Interlayer mechanical performance of 3D-printed cementitious systems: A comprehensive study on operational and material parameters**
İLCAN H., Özkılıç H., Tuğluca M. S., ŞAHMARAN M.
Construction and Building Materials, cilt.419, 2024 (SCI-Expanded)
- V. **Low-alkaline activated construction and demolition waste-based geopolymers**
İLCAN H., Demirbaş A. O., ULUGÖL H., ŞAHMARAN M.
Construction and Building Materials, cilt.411, 2024 (SCI-Expanded)
- VI. **Buildability analysis on effect of structural design in 3D concrete printing (3DCP): An experimental and numerical study**
Khan S. A., İLCAN H., Aminipour E., ŞAHİN O., Al Rashid A., ŞAHMARAN M., Koç M.
Case Studies in Construction Materials, cilt.19, 2023 (SCI-Expanded)
- VII. **Effect of duration and type of grinding on the particle size distribution and microstructure of natural pumice with low pozzolanic reactivity**
Taj K., İLCAN H., Teksin E., Arın G., Ardoğa M. K., UZAL B., ŞAHMARAN M.
Powder Technology, cilt.428, 2023 (SCI-Expanded)
- VIII. **Effect of industrial waste-based precursors on the fresh, hardened and environmental performance of construction and demolition wastes-based geopolymers**
İLCAN H., ŞAHİN O., Unsal Z., Ozcelikci E., KUL A., Cağatay Demiral N., YEMİŞÇİ ÖZKAN M., ŞAHMARAN M.
Construction and Building Materials, cilt.394, 2023 (SCI-Expanded)
- IX. **The effects of various operational- and materials-oriented parameters on the carbonation performance of low-quality recycled concrete aggregate**
Dündar B., Tuğluca M., İLCAN H., ŞAHİN O., ŞAHMARAN M.
Journal of Building Engineering, cilt.68, 2023 (SCI-Expanded)

- X. **Characterization of chemically treated waste wood fiber and its potential application in cementitious composites**
Tuđluca M., ÖZDOĐRU E., İLCAN H., Özçelikci E., ULUGÖL H., ŞAHMARAN M.
Cement and Concrete Composites, cilt.137, 2023 (SCI-Expanded)
- XI. **Rheological property and extrudability performance assessment of construction and demolition waste-based geopolymer mortars with varied testing protocols**
İLCAN H., ŞAHİN O., KUL A., Ozcelikci E., ŞAHMARAN M.
Cement and Concrete Composites, cilt.136, 2023 (SCI-Expanded)
- XII. **Mechanical anisotropy evaluation and bonding properties of 3D-printable construction and demolition waste-based geopolymer mortars**
Demiral N. C., Ekinci M. O., ŞAHİN O., İLCAN H., KUL A., YILDIRIM G., ŞAHMARAN M.
CEMENT & CONCRETE COMPOSITES, cilt.134, 2022 (SCI-Expanded)
- XIII. **Rheological properties and compressive strength of construction and demolition waste-based geopolymer mortars for 3D-Printing**
İLCAN H., Sahin O., KUL A., YILDIRIM G., ŞAHMARAN M.
CONSTRUCTION AND BUILDING MATERIALS, cilt.328, 2022 (SCI-Expanded)

Diđer Dergilerde Yayınlanan Makaleler

- I. **The impact of nozzle diameter and printing speed on geopolymer-based 3D-Printed concrete structures: Numerical modeling and experimental validation**
Khan S. A., İLCAN H., Imran R., Aminipour E., ŞAHİN O., Al Rashid A., ŞAHMARAN M., Koç M.
Results in Engineering, cilt.21, 2024 (ESCI)
- II. **Conceptual design of autonomous rapid printing system for emergency and humanitarian needs**
Koç M., Khan S. A., İLCAN H., ŞAHMARAN M.
Materials Today: Proceedings, cilt.70, ss.1-5, 2022 (Scopus)

Metrikler

Yayın: 16

Atıf (Scopus): 108

H-İndeks (Scopus): 4