

## Res. Asst. DAMLA NUR ÇELİK

### Personal Information

Office Phone: [+90 312 202 8884](tel:+903122028884)

Fax Phone: [+90 0](tel:+900)

Email: [damlanur.celik@gazi.edu.tr](mailto:damlanur.celik@gazi.edu.tr)

Web: <https://avesis.gazi.edu.tr/10795>

Address: Teknoloji Fakültesi Taşkent Binası İnşaat Mühendisliği Bölümü, 1.Kat

### International Researcher IDs

ScholarID: h1GAY2QAAAAJ

ORCID: 0000-0001-8356-4263

Publons / Web Of Science ResearcherID: A-9812-2018

ScopusID: 57202955684

Yoksis Researcher ID: 257955

### Education Information

Doctorate, Hacettepe University, Fen Bilimleri Enstitüsü, İnşaat Mühendisliği A.B.D., Turkey 2019 - 2024

Postgraduate, Gazi University, Fen Bilimleri Enstitüsü, İnşaat Mühendisliği (YI) (Tezli), Turkey 2016 - 2019

Undergraduate, Gaziantep University, Faculty Of Engineering, Department Of Civil Engineering (English), Turkey 2010 - 2015

### Foreign Languages

English, B2 Upper Intermediate

### Research Areas

Engineering and Technology

### Academic Titles / Tasks

Research Assistant, Gazi University, Teknoloji Fakültesi, İnşaat Mühendisliği, 2019 - Continues

Research Assistant, Antalya Bilim University, Faculty Of Engineering, Department Of Civil Engineering, 2016 - 2019

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

- High-conductivity cementitious composites suited for flooring applications: Effect of mixing methods and utilization rates of conductive materials**  
ÇELİK D. N., Belendir U., Ardoga M. K., YILDIRIM G., ŞAHMARAN M.  
Journal of Building Engineering, vol.87, 2024 (SCI-Expanded)
- Effect of waste COVID-19 face masks on self-compacting high-strength mortars exposed to elevated temperature**

- Durmuş G., Çelik D. N., Kılıç Demircan R., Kaplan G.  
Ain Shams Engineering Journal, vol.14, no.8, 2023 (SCI-Expanded)
- III. **The effect of animal and synthetic fibers on the physico-mechanical durability and microstructure properties of natural hydraulic lime-based mortars**  
Demircan R. K., Tayeh B. A., ÇELİK D. N., KAPLAN G., Tobbala D. E.  
Materials Today Communications, vol.35, 2023 (SCI-Expanded)
- IV. **The engineering properties of high strength mortars incorporating juniper seed ash calcined at different temperatures: Comparison with other SCMs**  
ÇELİK D. N., Demircan R. K., Shi J., KAPLAN G., DURMUŞ G.  
Powder Technology, vol.422, 2023 (SCI-Expanded)
- V. **The development of ultralightweight expanded perlite-based thermal insulation panel using alkali activator solution**  
Çelik D. N., Durmuş G.  
Frontiers of Structural and Civil Engineering, vol.16, no.11, pp.1486-1499, 2022 (SCI-Expanded)
- VI. **High temperature resistant restoration mortar with fly ash and GGBFS**  
Demircan R. K., KAPLAN G., Celik D. N.  
JOURNAL OF SUSTAINABLE CEMENT-BASED MATERIALS, vol.11, no.6, pp.418-438, 2022 (SCI-Expanded)
- VII. **Self-monitoring of flexural fatigue damage in large-scale steel-reinforced cementitious composite beams**  
Celik D. N., Yıldırım G., Al-Dahawi A., Ulugöl H., Han B., Şahmaran M.  
CEMENT & CONCRETE COMPOSITES, vol.123, 2021 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Determination of surface properties of different formwork release agents on strength concrete**  
Durmuş G., Çelik D. N., K. Demircan R., Ç. Demirci E.  
Materials Today: Proceedings, vol.81, pp.68-73, 2023 (Scopus)
- II. **Genleştirilmiş perlitin ısı yalıtım teknolojilerinde kullanılabilirliğinin incelenmesi**  
ULUER O., KARAAĞAÇ İ., AKTAŞ M., DURMUŞ G., AĞBULUT Ü., KHANLARI A., ÇELİK D. N.  
Pamukkale Üniversitesi Mühendislik Bilimleri Dergisi, vol.24, no.1, pp.36-42, 2018 (Peer-Reviewed Journal)
- III. **Mathematical calculation and experimental investigation of expanded perlite based heat insulation materials' thermal conductivity values**  
Uluer O., Aktas M., KARAAĞAÇ İ., DURMUŞ G., Khanlari A., Agbulut U., Celik D. N.  
Journal of Thermal Engineering, vol.4, no.5, pp.2274-2286, 2018 (Scopus)
- IV. **An investigation of usability of expanded perlite in heat insulation technologies**  
ULUER O., KARAAĞAÇ İ., AKTAŞ M., DURMUŞ G., Agbulut U., Khanlari A., ÇELİK D. N.  
PAMUKKALE UNIVERSITY JOURNAL OF ENGINEERING SCIENCES-PAMUKKALE UNIVERSITESI MUHENDISLIK BILIMLERI DERGISI, vol.24, no.1, pp.36-42, 2018 (ESCI)

## Books & Book Chapters

- I. **A Study on Some Factors Affecting on CO2 Curing of Expanded Pearlite Based Thermal Insulation Panel**  
DURMUŞ G., ULUER O., AKTAŞ M., KARAAĞAÇ İ., Khanlari A., AĞBULUT Ü., ÇELİK D. N.  
in: Proceedings of 3rd International Sustainable Buildings Symposium (ISBS 2017), Firat, Seyhan, Kinuthia, John, Abu-Tair, Abid, Editor, Springer, New York, pp.61-70, 2017

**I. A Study on Some Factors Affecting on CO<sub>2</sub> Curing of Expanded Perlite Based Thermal Insulation Panel**

DURMUŞ G., ULUER O., AKTAŞ M., KARAAĞAÇ İ., Khanlari A., Agbulut U., ÇELİK D. N.

3rd International Sustainable Buildings Symposium (ISBS), U ARAB EMIRATES, 15 - 17 March 2017, vol.7, pp.61-70

**II. Manufacturing of Expanded Perlite Based Heat Insulation Material Using Theoretical Thermal Conductivity Prediction Model Results**

ULUER O., AKTAŞ M., KARAAĞAÇ İ., DURMUŞ G., KHANLARI A., AĞBULUT Ü., ÇELİK D. N.

International Conference on Progres in APPLIED SCIENCE 2017 (ICPAS 2017), İstanbul, Turkey, 4 - 06 January 2017, pp.156-161

## **Metrics**

Publication: 14

Citation (WoS): 54

Citation (Scopus): 51

H-Index (WoS): 4

H-Index (Scopus): 3

## **Non Academic Experience**

RÖNESANS HOLDİNG