

**Assoc. Prof. ÇAĞLAR  
YALÇINKAYA**



## Personal Information

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Tınaztepe Kampüsü, 35160 Buca - İZMİR



## International Researcher IDs

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Publons / Web Of Science ResearcherID: V-9663-2017

ScopusID: 56084370500

Yoksis Researcher ID: 171478

## Education Information

Doctorate, Dokuz Eylül University, Fen Bilimleri Enstitüsü, Yapı Malzeme (Dr), Turkey  
2009 - 2015

Postgraduate, Dokuz Eylül University, Fen Bilimleri Enstitüsü, Yapı Malzeme (YI) (Tezli),  
Turkey 2005 - 2009

Undergraduate, Karadeniz Technical University, Mühendislik Fakültesi, İnşaat  
Mühendisliği Bölümü, Turkey 2001 - 2005

## Foreign Languages

English, C2 Mastery

## Dissertations

Doctorate, Yüksek performanslı çimentolu kompozitlerin erken ve ilerlemiş yaşlarda boyutsal stabilitesinin araştırılması,  
Dokuz Eylül University, Fen Bilimleri Enstitüsü, Yapı Malzeme (Dr), 2015

Postgraduate, Mineral katkıli kendiliğinden yerleşen lifli betonun mekanik, durabilite ve mikroyapı özelliklerinin  
incelenmesi, Dokuz Eylül University, Fen Bilimleri Enstitüsü, Yapı Malzeme (YI) (Tezli), 2009

## Research Areas

Civil Engineering, Structure, Building materials, Engineering and Technology

## Academic Titles / Tasks

Associate Professor, Dokuz Eylül University, Mühendislik Fakültesi, İnşaat Mühendisliği Bölümü, 2022 - Continues

Assistant Professor, Dokuz Eylül University, Mühendislik Fakültesi, İnşaat Mühendisliği Bölümü, 2018 - 2023

Researcher, Technische Universiteit Delft, Civil Engineering and Geosciences, Materials, Mechanics, Management & Design (3MD), 2018 - 2019

Research Assistant, Dokuz Eylul University, Mühendislik Fakültesi, İnşaat Mühendisliği Bölümü, 2010 - 2018

Research Assistant, Dokuz Eylul University, Fen Bilimleri Enstitüsü, 2006 - 2010

## Academic and Administrative Experience

Deputy Head of Department, Dokuz Eylul University, Mühendislik Fakültesi, İnşaat Mühendisliği Bölümü, 2022 - Continues

## Courses

BİTİRME PROJESİ (İÖ) , Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020

YAPI ELEMANLARI (ÖÖ), Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2019 - 2020, 2017 - 2018

YAPI MALZEMESİ I (İÖ), Undergraduate, 2023 - 2024

TEKNİK RESİM (İÖ) , Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020

TEKNİK RESİM (ÖÖ), Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2019 - 2020

YAPI ELEMANLARI (İÖ), Undergraduate, 2023 - 2024, 2022 - 2023, 2020 - 2021, 2019 - 2020, 2017 - 2018

BİTİRME PROJESİ (ÖÖ), Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020

STATİK, Undergraduate, 2022 - 2023, 2020 - 2021, 2019 - 2020

STATİK (ÖÖ), Undergraduate, 2021 - 2022

MÜHENDİSLİK ÇİZİMLERİ (İÖ), Undergraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020

STATİK, Undergraduate, 2021 - 2022

STATİK, Undergraduate, 2020 - 2021

SERAMİKLER VE CAMLAR, Postgraduate, 2020 - 2021

DIMENSIONAL STABILITY OF CONCRETE , Postgraduate, 2019 - 2020

MÜHENDİSLİK ÇİZİMLERİ (ÖÖ), Undergraduate, 2019 - 2020

YAPI MALZEMESİ II (ÖÖ), Undergraduate, 2019 - 2020

STATİK, Undergraduate, 2020 - 2021

YAPI MALZEMESİ I (ÖÖ), Undergraduate, 2019 - 2020

## Advising Theses

Yalçinkaya Ç., Merter O., STRUCTURAL ANALYSIS OF REINFORCED CONCRETE BEAMS MADE OF ULTRA-HIGH PERFORMANCE CONCRETE, Postgraduate, A.AKIN(Student), 2023

Yalçinkaya Ç., Aydın S., Development of functionally-graded cementitious composites for radiation shielding purposes, Postgraduate, B.ALİ(Student), 2023

## Designed Lessons

Yalçinkaya Ç., Additive Manufacturing in Construction, Postgraduate, 2022 - 2023

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

1. **Improving mechanical properties and sustainability of high-strength engineered cementitious composites (ECC) using diatomite**

Zhu X., Zhang M., Shi J., Weng Y., Yalçinkaya Ç., Šavija B.

MATERIALS AND STRUCTURES/MATERIAUX ET CONSTRUCTIONS, vol.57, no.2024, pp.1-19, 2024 (SCI-Expanded)

- II. **Assessment of self-healing behavior of polypropylene fiber-reinforced cement mortar with crystalline admixture: the effects of crack widths, cracking ages, and external conditions**  
Liu B., Ye H., Jiang J., Shi J., Yalçinkaya Ç., Šavija B.  
Journal of Sustainable Cement-Based Materials, vol.2024, no.2024, pp.1-20, 2024 (SCI-Expanded)
- III. **Effect of internal curing on shrinkage and cracking potential under autogenous and drying conditions**  
Tutkun B., Barlay E. S., YALÇINKAYA Ç., YAZICI H.  
CONSTRUCTION AND BUILDING MATERIALS, vol.409, 2023 (SCI-Expanded)
- IV. **Progressive damage process and destabilization precursor recognition of sulfate tailing-cemented paste backfill based on acoustic emission**  
Song X., Yu X., Zhao W., Yang F., Shi J., Yalçinkaya Ç.  
POWDER TECHNOLOGY, vol.430, no.2023, pp.1-17, 2023 (SCI-Expanded)
- V. **Performance of self-compacting concrete incorporating waste glass as coarse aggregate**  
Habibur Rahman Sobuz M., Saha A., Akid A. S. M., Vincent T., Tam V. W. Y., YALÇINKAYA Ç., Mujahid R., Sutan N. M.  
JOURNAL OF SUSTAINABLE CEMENT-BASED MATERIALS, no.5, pp.527-541, 2023 (SCI-Expanded)
- VI. **Effect of curing regime on the immobilization of municipal solid waste incineration fly ash in sustainable cement mortar**  
Liu B., Yang L., Shi J., Zhang S., Yalçinkaya Ç., Alshalif A. F.  
ENVIRONMENTAL POLLUTION, vol.317, no.2023, pp.1-11, 2023 (SCI-Expanded)
- VII. **Review of the materials composition and performance evolution of green alkali-activated cementitious materials**  
Yu X., Shi J., He Z., Yalçinkaya Ç., Revilla-Cuesta V., Gencil O.  
CLEAN TECHNOLOGIES AND ENVIRONMENTAL POLICY, no.31 January 2023, pp.1-21, 2023 (SCI-Expanded)
- VIII. **Recycling coral waste into eco-friendly UHPC: Mechanical strength, microstructure, and environmental benefits**  
He Z., Shen M., Shi J., Yalçinkaya Ç., Du S., Yuan Q.  
THE SCIENCE OF THE TOTAL ENVIRONMENT AN INTERNATIONAL JOURNAL FOR SCIENTIFIC RESEARCH INTO THE ENVIRONMENT AND ITS RELATIONSHIP WITH MAN, vol.836, pp.155424, 2022 (SCI-Expanded)
- IX. **Influence of Hydroxypropyl Methylcellulose Dosage on the Mechanical Properties of 3D Printable Mortars with and without Fiber Reinforcement**  
YALÇINKAYA Ç.  
BUILDINGS, vol.12, no.3, 2022 (SCI-Expanded)
- X. **Early-age shrinkage properties of eco-friendly reactive powder concrete with reduced cement content**  
YALÇINKAYA Ç., YAZICI H.  
EUROPEAN JOURNAL OF ENVIRONMENTAL AND CIVIL ENGINEERING, vol.26, no.2, pp.456-472, 2022 (SCI-Expanded)
- XI. **Sodium silicate/polyurethane microcapsules synthesized for enhancing self-healing ability of cementitious materials: Optimization of stirring speeds and evaluation of self-healing efficiency**  
Beglarigale A., Eyice D., SEKİ Y., YALÇINKAYA Ç., Copuroglu O., YAZICI H.  
JOURNAL OF BUILDING ENGINEERING, vol.39, 2021 (SCI-Expanded)
- XII. **Shear strengthening of RC beams with externally bonded UHPFRC laminates**  
TANARSLAN H. M., YALÇINKAYA Ç., ALVER N., Karademir C.  
COMPOSITE STRUCTURES, vol.262, 2021 (SCI-Expanded)
- XIII. **Hydration heat, strength and microstructure characteristics of UHPC containing blast furnace slag**  
YALÇINKAYA Ç., Copuroglu O.  
JOURNAL OF BUILDING ENGINEERING, vol.34, 2021 (SCI-Expanded)
- XIV. **Elephant skin formation on UHPC surface: Effects of climatic condition and blast furnace slag content**  
YALÇINKAYA Ç., Copuroglu O.

CONSTRUCTION AND BUILDING MATERIALS, vol.268, 2021 (SCI-Expanded)

- XV. **Influence of aggregate volume on the shrinkage, rheological and mechanical properties of ultra-high performance concrete**  
YALÇINKAYA Ç., FELEKOĞLU B., YAZICI H.  
JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, vol.35, no.4, pp.1701-1718, 2020 (SCI-Expanded)
- XVI. **The Effect of Viscosity-Modifying Admixture on the Extrudability of Limestone and Calcined Clay-Based Cementitious Material for Extrusion-Based 3D Concrete Printing**  
Chen Y., Figueiredo S. C., YALÇINKAYA Ç., Copuroglu O., Veer F., Schlangen E.  
MATERIALS, vol.12, no.9, 2019 (SCI-Expanded)
- XVII. **Optimization of reactive powder concrete by means of barite aggregate for both neutrons and gamma rays**  
GÖKÇE H. S., YALÇINKAYA Ç., Tuyan M.  
CONSTRUCTION AND BUILDING MATERIALS, vol.189, pp.470-477, 2018 (SCI-Expanded)
- XVIII. **Flexural strengthening of RC beams using UHPFRC laminates: Bonding techniques and rebar addition**  
Tanarlan H. M., ALVER N., Jahangiri R., YALÇINKAYA Ç., YAZICI H.  
CONSTRUCTION AND BUILDING MATERIALS, vol.155, pp.45-55, 2017 (SCI-Expanded)
- XIX. **Effects of ambient temperature and relative humidity on early-age shrinkage of UHPC with high-volume mineral admixtures**  
YALÇINKAYA Ç., YAZICI H.  
CONSTRUCTION AND BUILDING MATERIALS, vol.144, pp.252-259, 2017 (SCI-Expanded)
- XX. **Effect of early age shrinkage cracks on the corrosion of rebar embedded in ultra high performance concrete with and without fibers**  
Erten E., YALÇINKAYA Ç., Beglarigale A., YİĞİTER H., YAZICI H.  
JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, vol.32, no.4, pp.1347-1364, 2017 (SCI-Expanded)
- XXI. **Effect of early-age freeze-thaw exposure on the mechanical performance of self-compacting repair mortars**  
YALÇINKAYA Ç., YAZICI H.  
SCIENCE AND ENGINEERING OF COMPOSITE MATERIALS, vol.23, no.3, pp.335-344, 2016 (SCI-Expanded)
- XXII. **Flexural performance of SIFCON composites subjected to high temperature**  
Beglarigale A., YALÇINKAYA Ç., YİĞİTER H., YAZICI H.  
CONSTRUCTION AND BUILDING MATERIALS, vol.104, pp.99-108, 2016 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Evaluating the effects of recycled concrete aggregate size and concentration on properties of high-strength sustainable concrete**  
Habibur Rahman S., Dipdatta S., Abu Sayed Mohammad A., Vivian W. Y. T., Islam S., Rana J., Aslani F., Yalçinkaya Ç., Mohamed Sutan N.  
JOURNAL OF KING SAUD UNIVERSITY, ENGINEERING SCIENCES, vol.0, no.In Press, 2022 (Scopus)
- II. **A preliminary study on the development of the normal concrete-UHPC composite beam via wet casting**  
YALÇINKAYA Ç.  
Journal of Structural Engineering & Applied Mechanics, vol.4, no.1, pp.46-56, 2021 (Peer-Reviewed Journal)
- III. **Farklı Kalınlıkta UYPB Laminelerin Eğilme Kapasitesine Katkısının İncelenmesi**  
Sağır E. G., TANARSLAN H. M., JAHANGIRI R., YALÇINKAYA Ç.  
Deu Muhendislik Fakultesi Fen ve Muhendislik, vol.21, no.63, pp.1015-1026, 2019 (Peer-Reviewed Journal)
- IV. **Influence of Silica Fume on the Rheological Properties and Autogenous Shrinkage of UHPC Paste**

YALÇINKAYA Ç., YAZICI H.

International Journal of Advances in Mechanical and Civil Engineering, vol.4, no.1, pp.39-43, 2017 (Peer-Reviewed Journal)

- V. **Autoclaved reactive powder concrete: the effects of steel micro-fibers and silica fume dosage on the mechanical properties**  
BEGLARIGALE A., YALÇINKAYA Ç., YAZICI H.  
Usak University Journal of Material Sciences, vol.1, no.2014, pp.7-14, 2014 (Peer-Reviewed Journal)
- VI. **The effect of metakaolin and end type of steel fiber on fiber SIFCON matrix bond characteristics**  
YALÇINKAYA Ç., BEGLARIGALE A., YAZICI H.  
Usak University Journal of Material Sciences, vol.3, no.1, pp.97-105, 2014 (Peer-Reviewed Journal)
- VII. **Abrasion resistance of reactive powder concrete: The influence of water-to-cement ratio and steel micro-fibers**  
Yalçinkaya Ç., Sznajder J., Beglarigale A., Sancakoğlu O., Yazıcı H.  
Advanced Materials Letters, vol.5, no.6, pp.345-351, 2014 (Scopus)
- VIII. **Effects Of Grp Wastes On The Properties Of Self-Compacting Repair Mortars**  
YALÇINKAYA Ç., TOPAL A., ŞENGÖZ B., YAZICI H.  
PAMUKKALE UNIVERSITY JOURNAL OF ENGINEERING SCIENCES-PAMUKKALE UNIVERSITESI MUHENDISLIK BILIMLERI DERGISI, vol.19, no.3, pp.158-164, 2013 (ESCI)
- IX. **Yeni Nesil Yüksek Performanslı Beton: Reaktif Pudra Betonu**  
Yazıcı H., Yalçinkaya Ç.  
İMO İzmir Bülten, vol.26, no.156, pp.26-29, 2011 (Non Peer-Reviewed Journal)

## Refereed Congress / Symposium Publications in Proceedings

- I. **The Effect of Explosive Weight and Stand-off Distance on The Blast Pressure on Structures**  
Dereli S., Tanarlan H. M., Yalçinkaya Ç.  
2nd International Symposium Series on Graduate Researches 2023, İzmir, Turkey, 21 - 22 December 2023
- II. **Numerical Investigation of a Concrete Material Model for Ultra-High Performance Concrete**  
Elzamy A., Girgin S. C., Yalçinkaya Ç.  
3rd International Civil Engineering and Architecture Conference (ICEARC'23), Trabzon, Turkey, 12 - 14 October 2023, pp.1-10
- III. **Effects of Using Silica Fume as a Viscosity Modifier on the Properties of 3D Printable Concrete**  
Cıza B., Kaya E., Yalçinkaya Ç.  
3rd International Civil Engineering and Architecture Conference (ICEARC'23), Trabzon, Turkey, 12 - 14 October 2023, pp.1-10
- IV. **Evaluation of Thermal Insulation Performance of 3D Printed Concrete Walls**  
Chamatete K., Yalçinkaya Ç.  
3rd International Civil Engineering and Architecture Conference (ICEARC'23), Trabzon, Turkey, 12 - 14 October 2023, pp.1-10
- V. **Structural Analysis of Reinforced Ultra-High Performance Concrete Beams**  
Akin-Adamu A., Yalçinkaya Ç., Merter O.  
DEU INTERNATIONAL SYMPOSIUM SERIES ON GRADUATE RESEARCHES 2022, İzmir, Turkey, 17 - 18 November 2022, pp.42-54
- VI. **Ekim 2020 Ege Denizi (Sisam) Depremi Sonrası Yapısal Hasar Tespit Çalışmaları ve Afet Yönetimi Üzerine Değerlendirmeler**  
Mısır İ. S., Bozdağ Ö., Girgin S. C., Yalçinkaya Ç., Yiğiter H.  
İzmir Deprem Çalıştayı (İZDEP) 2022, İzmir, Turkey, 31 October 2022, pp.59-60
- VII. **Atık ve/veya Doğal Liflerden Geliştirilen Kompozitlerin Çeşitli Yetersizliklere Sahip Betonarme Elemanlara Katkısının İncelenmesi**  
Tanarlan H. M., Karademir C., Güler M. F., Yalçinkaya Ç., Sever K., Seki Y., Seki Y., Ertutar Y.

ULUSAL 8. YAPI MEKANİĞİ LABORATUVARLARI ÇALIŞTAYI, Eskişehir, Turkey, 14 - 15 October 2022, pp.59-64

- VIII. **Barit Agregalı Ultra Yüksek Performanslı Beton – Normal Harç Kompozitlerinin Mekanik Özellikleri**  
İlksu B. A., YALÇINKAYA Ç., AYDIN S.  
14th International Scientific Research Congress - Science and Engineering, Ankara, Turkey, 20 - 21 August 2022, pp.35
- IX. **3B BETON YAZDIRMA TEKNOLOJİSİ: ÖRNEKLER VE FIRSATLAR**  
YALÇINKAYA Ç.  
3. İnşaat Mühendisliği Yüksek Lisans ve Doktora Günleri, İzmir-Ankara (Çevrimiçi), Turkey, 1 - 02 October 2021, pp.48-38
- X. **3B YAZDIRILABİLİR PUZOLANLI HARÇLARIN TAZE VE SERTLEŞMİŞ HAL ÖZELLİKLERİNİN ARAŞTIRILMASI**  
KAYA E., YALÇINKAYA Ç., YAZICI H.  
3. İnşaat Mühendisliği Yüksek Lisans ve Doktora Günleri, İzmir-Ankara (Çevrimiçi), Turkey, 1 - 02 October 2021, pp.38
- XI. **Beton Kiremitlerin Mukavemetine Renk Pigmenti Dozajının Etkisi**  
YALÇINKAYA Ç.  
Uluslararası Yapı Malzemeleri, Mühendislik ve Mimarlık Kongresi, Ankara, Turkey, 12 - 14 June 2020, pp.147
- XII. **The Influence of Curing Type on Abrasion Resistance of Cement Mortars Containing Quartz Sand**  
YALÇINKAYA Ç.  
10th INTERNATIONAL CONFERENCE ON MATHEMATICS, ENGINEERING, NATURAL MEDICAL SCIENCES, Batumi, Georgia, 15 - 17 May 2020, pp.18
- XIII. **Geleneksel ve Ultra Yüksek Performanslı Beton İçeren Kirişler Üzerine Kıyaslamalı Bir Çalışma**  
Çotur E., TANARSLAN H. M., ERTUTAR Y., YALÇINKAYA Ç.  
Ulusal Yapı Mekaniği Laboratuvarları 7. Çalıştayı (YMLÇ-7), Konya, Turkey, 4 - 05 October 2019, pp.91-96
- XIV. **The Effect Of Viscosity Modifier Agent On The Early Age Strength Of The Limestone And Calcined Clay-Based Sustainable And 3D Printable Cementitious Material**  
Chen Y., YALÇINKAYA Ç., ÇOPUROĞLU O., SCHLANGEN E.  
10th International Concrete Congress, Bursa, Turkey, 2 - 04 May 2019, pp.242-250
- XV. **Elephant Skin Formation On Ultra High Performance Concrete Surface**  
YALÇINKAYA Ç., ÇOPUROĞLU O., YAZICI H.  
10th International Concrete Congress, Bursa, Turkey, 2 - 04 May 2019, pp.260-268
- XVI. **Concrete Canoe Production: Material Development, Structural Analysis and Design**  
Beglarigale A., YALÇINKAYA Ç., GÖKSU B., GİRGİN S. C., ERGİNER K. E., KAHRAMAN S., YAZICI H.  
13th International Congress on Advances in Civil Engineering, İzmir, Turkey, 12 - 14 September 2018
- XVII. **Eğilme Dayanımı Yetersiz Betonarme Kirişlere Farklı Bağ Yöntemleri ile Uygulanmış UYPB Laminelerin Katkısının Değerlendirilmesi**  
Tanarlan H. M., Alver N., Yalçinkaya Ç., Ertutar Y., Şakar G.  
Ulusal Yapı Mekaniği Laboratuvarları 6. Toplantısı, Trabzon, Turkey, 17 - 18 November 2017, pp.45-46
- XVIII. **Efficiency of SRA in Reducing Autogenous Shrinkage of UHPC with Mineral Admixtures**  
YALÇINKAYA Ç., YAZICI H.  
Chemical Admixtures on Structures 5th International Symposium and exhibition, Ankara, Turkey, 19 - 20 October 2017, pp.137-149
- XIX. **Influence of GGBFS on Autogenous Shrinkage and Rheology of UHPC Paste with PCE Based Superplasticizer**  
YALÇINKAYA Ç., TANARSLAN H. M., YAZICI H.  
Chemical Admixtures on Structures 5th International Symposium and Exhibition, Ankara, Turkey, 19 - 20 October 2017, pp.151-164
- XX. **Flexural Strengthening of Deficient Reinforced Concrete Beams by Using Ultra High Performance Concrete (UHPC)**  
TANARSLAN H. M., ALVER N., JAHANGIRI R., YALÇINKAYA Ç., YAZICI H.  
20th International Conference on Composite Structures, Paris, France, 4 - 07 September 2017, pp.109

- XXI. **Influence of Silica Fume on the Rheological Properties and Autogenous Shrinkage of UHPC Paste**  
YALÇINKAYA Ç., YAZICI H.  
102nd International Conference on Civil and Architectural Engineering (ICCAE), KIEV, Ukraine, 27 - 28 December 2016, pp.1-5
- XXII. **Effects of Fiber Volume and Curing Condition on the Mechanical Properties of Reactive Powder Concrete**  
YALÇINKAYA Ç., JAHANGIRI R., VAHEDI H., TANARSLAN H. M.  
12th International Congress on Advances in Civil Engineering, İstanbul, Turkey, 21 - 23 September 2016
- XXIII. **Rheological properties and autogenous shrinkage of paste phase of UHPC influence of water to cement ratio**  
YALÇINKAYA Ç., YAZICI H.  
12th International Congress on Advances in Civil Engineering, İstanbul, Turkey, 21 - 23 September 2016
- XXIV. **GFRP-BETON HİBRİD KÖPRÜ KİRİŞLERİNİN MEKANİK DAVRANIŞININ İNCELENMESİ**  
SEÇER M., YALÇINKAYA Ç., TANARSLAN H. M.  
Ulusal Yapı Mekaniği Laboratuvarları 5. Toplantısı, Kayseri, Turkey, 29 - 30 May 2015, pp.43-44
- XXV. **The Influence of Fiber Matrix Bond Characteristics on Tensile Performance of SIFCON**  
BEGLARIGALE A., YALÇINKAYA Ç., KESKİNATEŞ M., YAZICI H.  
11th International Congress on Advances in Civil Engineering, 1 - 03 October 2014
- XXVI. **OTOKLAV KÜRLÜ REAKTİF PUDRA BETONU: MİKRO ÇELİK LİF HACMİ VE SİLİKA DUMANI DOZAJININ MEKANİK ÖZELLİKLERE ETKİSİ**  
BEGLARIGALE A., YALÇINKAYA Ç., YAZICI H.  
II. ULUSAL EGE KOMPOZİT MALZEMELER SEMPOZYUMU, Kuşadası/AYDIN, Turkey, 7 - 09 November 2013, pp.824-833
- XXVII. **SIFCON MATRİSİ-ÇELİK LİF ADERANSINA METAKAOLİNİN VE LİF GEOMETRİSİNİN ETKİSİ**  
YALÇINKAYA Ç., BEGLARIGALE A., YAZICI H.  
II. ULUSAL EGE KOMPOZİT MALZEMELER SEMPOZYUMU, Kuşadası/AYDIN, Turkey, 7 - 09 November 2013, pp.298-308
- XXVIII. **AKIŞKANLAŞTIRICI DOZAJININ VE ORTAM SICAKLIĞININ ULTRA YÜKSEK PERFORMANSLI BETONUN ERKEN YAŞ OTOJEN DEFORMASYONUNA VE MUKAVEMET GELİŞİMİNE ETKİSİ**  
YALÇINKAYA Ç., BEGLARIGALE A., YAZICI H.  
Uluslararası Katılımlı Yapılarda Kimyasal Katkılar 4. Sempozyumu ve Sergisi, Ankara, Turkey, 24 - 25 October 2013, pp.34-46
- XXIX. **HAVA SÜRÜKLEYİCİ KATKININ KENDİLİĞİNDEN YERLEŞEN ÇELİK LİFLİ BETONUN İŞLENEBİLİRLİĞİNE VE BASINÇ DAYANIMINA ETKİSİ**  
YALÇINKAYA Ç., YAZICI H.  
Uluslararası Katılımlı Yapılarda Kimyasal Katkılar 4. Sempozyumu ve Sergisi, Ankara, Turkey, 24 - 25 October 2013, pp.83-96
- XXX. **The Effect of Waste Marble Powder on the Fresh State and Mechanical Properties of Self Compacting Mortars**  
YALÇINKAYA Ç., BEGLARIGALE A., YAZICI H.  
The Proceedings of the 1st International Porous and Powder Materials Symposium and Exhibition, 1 - 03 September 2013, pp.926-930
- XXXI. **Abrasion Resistance of Reactive Powder Concrete The Influence of Water to Cement Ratio and Steel Micro Fibers**  
YALÇINKAYA Ç., Sznajder J., BEGLARIGALE A., SANCAKOĞLU O., YAZICI H.  
AMWC2013, 1 - 03 September 2013
- XXXII. **MİNERAL KATKILI TAŞIYICI HAFİF BETONUN MEKANİK ÖZELLİKLERİNE KÜR KOŞULLARININ ETKİSİ**  
DİKİCİ T., YALÇINKAYA Ç., TÜRKEL S.  
BETON 2013 HAZİR BETON KONGRESİ, İstanbul, Turkey, 21 - 23 February 2013, pp.23-29
- XXXIII. **Yüksek sıcaklığın SIFCON un direncine etkisi**  
YALÇINKAYA Ç., BEGLARIGALE A., YAZICI H., YİĞİTER H.

BETON 2013 HAZIR BETON KONGRESİ, Turkey, 21 - 23 February 2013, pp.81-90

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- XXXVII. **Agrega Hacminin Reaktif Pudra Betonunun Mekanik ve Büzülme Özelliklerine Etkileri**  
YALÇINKAYA Ç., YAZICI H.  
Beton 2011 THBB Hazır Beton Kongresi, İstanbul, Turkey, 20 - 22 October 2011
- XXXVIII. **Reaktif Pudra Betonunun Büzülme Özelliklerinin İncelenmesi**  
Yalçinkaya Ç., Yazıcı H., Felekoğlu B.  
8. Ulusal Beton Kongresi, İzmir, Turkey, 5 - 07 October 2011, pp.309-320
- XXXIX. **The Effect of High Volume GGBFS Replacement on Mechanical Performance of Self-Compacting Steel Fiber Reinforced Concrete**  
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9th International Congress on Advances in Civil Engineering, Trabzon, Turkey, 27 - 30 September 2010, pp.1-8

## Supported Projects

- Yalçinkaya Ç., Mardani Aghabaglou A., Yavaş A., Biricik Ö., Project Supported by Higher Education Institutions, İnşaat Uygulamaları için 3D Beton Yazıcı Kullanılarak Üretilen Beton Karışımlarının Optimum Özelliklerinin Belirlenmesi, 2021 - 2024
- Yalçinkaya Ç., Yazıcı H., Felekoğlu B., Gören A., Çopuroğlu O., TUBITAK Project, 3B Yazdırılabilir Puzolanlı Harçların Geliştirilmesi ve Mühendislik Özelliklerinin Araştırılması, 2021 - 2024
- Yalçinkaya Ç., Project Supported by Other Private Institutions, Denim Yıkama Atığı Pomzuların Çimentolu Sistemlerde Kullanılabilirliğinin Araştırılması, 2022 - 2023
- Tanarlan H. M., Yalçinkaya Ç., Seki Y., Sever K., Seki Y., TUBITAK Project, Sürdürülebilir Bir Güçlendirme Yöntemi Olarak Polimer Matrisli Lif Takviyeli Kompozit Laminelerin Geliştirilmesi, 2020 - 2023
- Tanarlan H. M., Alver N., TUBITAK Project, Ultra Yüksek Performanslı Beton Uygulamasının Yetersiz Betonarme Elemanların Davranışına Katkısının İncelenmesi, 2014 - 2018
- Yazıcı H., Yalçinkaya Ç., Prefabrik S., TUBITAK Project, REAKTİF PUDRA BETON KULLANILARAK KENT MOBİLYALARI VE DEKORATİF ÜRÜNLER TASARIMI VE ÜRETİMİ, 2015 - 2017
- Tanarlan H. M., Şakar G., Yalçinkaya Ç., Seçer M., Project Supported by Higher Education Institutions, GFRP-BETON HİBRİD KÖPRÜ KİRİŞLERİNİN YAPISAL DAVRANIŞININ DEĞERLENDİRİLMESİ, 2014 - 2017
- Yazıcı H., Yalçinkaya Ç., Kiremit İ., TUBITAK Project, MUKAVEMETİ VE DURABİLİTESİ YÜKSEK DÜŞÜK MALİYETLİ VE HAFİF ALTERNATİF BETONKİREMİT ÜRÜNLERİNİN TASARLANMASI, 2015 - 2016
- Yazıcı H., TUBITAK Project, Yüksek performanslı çimentolu kompozitlerin boyutsal kararlılığının incelenmesi ve boyutsal kararlılığın durabilite özelliklerine etkisinin araştırılması, 2011 - 2014
- Yalçinkaya Ç., Yazıcı H., Project Supported by Higher Education Institutions, Mineral katkılı kendiliğinden yerleşen lifli betonun mekanik durabilite ve mikroyapı özelliklerinin araştırılması, 2009 - 2011



## Scientific Refereeing

MATERIALS, Journal Indexed in SCI-E, September 2022  
MATERIALS, Journal Indexed in SCI-E, September 2022  
BUILDINGS, Journal Indexed in SCI-E, September 2022  
MATERIALS, Journal Indexed in SCI-E, August 2022  
MATERIALS, Journal Indexed in SCI-E, August 2022  
Engineering Structures, Journal Indexed in SCI-E, July 2022  
IRANIAN JOURNAL OF SCIENCE AND TECHNOLOGY - TRANSACTIONS OF CIVIL ENGINEERING, Journal Indexed in SCI-E, June 2022  
MATERIALS, Journal Indexed in SCI-E, June 2022  
CEMENT AND CONCRETE COMPOSITES, Journal Indexed in SCI-E, June 2022  
MATERIALS, Journal Indexed in SCI-E, May 2022  
CASE STUDIES IN CONSTRUCTION MATERIALS, Journal Indexed in SCI-E, May 2022  
Çukurova Üniversitesi Mühendislik-Mimarlık Fakültesi Dergisi, National Scientific Refreed Journal, May 2022  
JOURNAL OF BUILDING ENGINEERING, Journal Indexed in SCI-E, May 2022  
POWDER TECHNOLOGY, Journal Indexed in SCI-E, April 2022  
MATERIALS, Journal Indexed in SCI-E, April 2022  
THERMOCHIMICA ACTA, Journal Indexed in SCI-E, April 2022  
JOURNAL OF BUILDING ENGINEERING, Journal Indexed in SCI-E, April 2022  
CEMENT AND CONCRETE COMPOSITES, Journal Indexed in SCI-E, April 2022  
TUBITAK Project, 1002 - Quick Support Program, TÜBİTAK, Turkey, April 2022  
CASE STUDIES IN CONSTRUCTION MATERIALS, Journal Indexed in SCI-E, March 2022  
CASE STUDIES IN CONSTRUCTION MATERIALS, Journal Indexed in SCI-E, March 2022  
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IRANIAN JOURNAL OF SCIENCE AND TECHNOLOGY - TRANSACTIONS OF CIVIL ENGINEERING, Journal Indexed in SCI-E, March 2022  
CEMENT BASED COMPOSITES , Other Indexed Journal, February 2022  
CASE STUDIES IN CONSTRUCTION MATERIALS, Journal Indexed in SCI-E, January 2022  
JOURNAL OF BUILDING ENGINEERING, Journal Indexed in SCI-E, January 2022  
JOURNAL OF BUILDING ENGINEERING, Journal Indexed in SCI-E, January 2022  
Journal of Structural Engineering & Applied Mechanics (Online), Other Indexed Journal, December 2021  
Journal of Structural Engineering & Applied Mechanics (Online), Other Indexed Journal, October 2021

## Scientific Research / Working Group Memberships

Üç Boyutlu Beton Yazdırma, Dokuz Eylül University, Turkey,  
<https://avesis.deu.edu.tr/researchteamsite/concreteprinting>, 2022 - Continues

## Mobility Activity

Post Doc, Post Doc, Technische Universiteit Delft, Netherlands, 2018 - 2019

## Metrics

Publication: 70  
Citation (WoS): 508  
Citation (Scopus): 604  
H-Index (WoS): 10  
H-Index (Scopus): 11

## **Invited Talks**

3. İnşaat Mühendisliđi Yüksek Lisans ve Doktora Günleri, Conference, 3. İnşaat Mühendisliđi Yüksek Lisans ve Doktora Günleri, Turkey, October 2021

## **Scholarships**

2219-Yurt Dışı Doktora Sonrası Araştırma Bursu, TÜBİTAK, 2018 - 2019  
TÜBİTAK 1001 Araştırma Projesi Bursiyerliđi , TÜBİTAK, 2014 - 2015  
İz bırakanlar bursu, Special Institutions and Organizations, 2011 - 2014  
TÜBİTAK 1001 Araştırma Projesi Bursiyerliđi, TÜBİTAK, 2011 - 2014

## **Representation and Promotion Activities**

Institutional Representation, T.C. Çevre, Şehircilik ve İklim Deđişikliđi Bakanlığı, Yapı İşleri Genel Müdürlüğü, Turkey, Gaziantep, 2023 - 2023  
Institutional Representation, İzmir Çevre ve Şehircilik İl Müdürlüğü ve AFAD, Turkey, İzmir, 2020 - 2020

## **Non Academic Experience**

Özel Bir Firma / İzmir