

# Prof. SİNAN TURHAN ERDOĞAN

## Personal Information

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## International Researcher IDs

ScholarID: MfhIZWoAAAAJ

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Publons / Web Of Science ResearcherID: I-4880-2012

ScopusID: 36095692200

Yoksis Researcher ID: 59807

## Education Information

Doctorate, The University of Texas at Austin, United States Of America 2002 - 2005

Postgraduate, University of Texas at Austin, Yapı Malzemeleri, United States Of America 2001 - 2003

Undergraduate, Middle East Technical University, Faculty of Engineering, Department of Civil Engineering, Turkey 1996 - 2000

## Foreign Languages

English, C1 Advanced

French, C1 Advanced

## Dissertations

Doctorate, Determination of aggregate shape properties using X-ray tomographic methods and the effect of shape on concrete rheology, University of Texas at Austin, 2005

## Research Areas

Civil Engineering, Building materials, Materials in Civil Engineering, Concrete Technology, Applications of Insulation Materials, Engineering and Technology

## Academic Titles / Tasks

Professor, Middle East Technical University, Faculty of Engineering, Department of Civil Engineering, 2018 - Continues  
Associate Professor, Middle East Technical University, Faculty of Engineering, Department of Civil Engineering, 2013 - 2018

Assistant Professor, Middle East Technical University, Faculty of Engineering, Department of Civil Engineering, 2009 - 2013

Lecturer, Middle East Technical University, Faculty of Engineering, Department of Civil Engineering, 2007 - 2009

## Academic and Administrative Experience

Head of Department, Middle East Technical University, Graduate School of Natural and Applied Sciences, Cement Engineering, 2012 - Continues

## Courses

Concrete Making Materials, Postgraduate, 2019 - 2020

## Advising Theses

Erdoğan S. T., Akgül Ç., Replacement of the basic and acidic components of magnesium potassium phosphate cement with calcium sulphoaluminate cement and fly ash phosphate salts, Postgraduate, H.MAZAHERI(Student), 2022

ERDOĞAN S. T., Finite element implementation of a model to estimate the permanent strain of cyclically-loaded soil, Postgraduate, M.Babaoğlu(Student), 2020

ERDOĞAN S. T., Production of low-energy cements using various industrial wastes, Postgraduate, O.CANBEK(Student), 2018

ERDOĞAN S. T., Development of magnesium potassium phosphate cement pastes and mortars incorporating fly ash, Postgraduate, B.AYKUT(Student), 2018

ERDOĞAN S. T., Influence of perlite addition on the strength development and thermal stability of calcium aluminate cement mortars, Postgraduate, K.ŞENGÜL(Student), 2018

Erdoğan S. T., Bayer Ö., Production of aerated alkali-activated slag pastes and mortars using hydrogen peroxide, Doctorate, M.ŞAHİN(Student), 2017

ERDOĞAN S. T., Production of silica fume-based geopolymeric foam, Postgraduate, S.SHAKOURI(Student), 2017

ERDOĞAN S. T., Room-temperature phosphate ceramics made with Afşin-Elbistan fly ash /, Postgraduate, M.MAHYAR(Student), 2014

ERDOĞAN S. T., TOKYAY M., Effect of particle size on heat of hydration of pozzolan incorporated cements /, Postgraduate, M.KEMAL(Student), 2014

ERDOĞAN S. T., TOKYAY M., Early heat evolution of different – sized portland cements incorporating ground granulated blast furnace slag, Postgraduate, C.ÇETİN(Student), 2013

ERDOĞAN S. T., Effect of combining different cement clinkers and slag with controlled finenesses on mortar strength and heat of hydration, Postgraduate, T.ÇELİKKOL(Student), 2013

ERDOĞAN S. T., Comparison of the strength developments of interground and separately ground marble-incorporated cement mortars, Postgraduate, İ.TOLGA(Student), 2013

ERDOĞAN S. T., Effect of coating materials and mixture constituents on the permeability of concrete, Postgraduate, A.VELİ(Student), 2012

ERDOĞAN S. T., TOKYAY M., Early heat evolution in natural pozzolan-incorporated cement hydration, Postgraduate, D.ÖVER(Student), 2012

ERDOĞAN S. T., Determination of relations between elastic properties of cement mortars by using destructive and nondestructive methods, Postgraduate, S.DENİZ(Student), 2010

ERDOĞAN S. T., Alkali-silica reactivity and activation of ground perlite-containing cementitious mixtures, Postgraduate, A.Ünsal(Student), 2009

ERDOĞAN S. T., Alkali-silica reactivity and activation of ground perlite-containing cementitious mixtures, Postgraduate, A.ÜNSAL(Student), 2009

## Jury Memberships

Appointment to Academic Staff-Professorship, Appointment Academic Staff, İstanbul Teknik Üniversitesi, October, 2019

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

- I. **Characterization of Limestone Calcined Clay Cement Made with Calcium Sulfoaluminate Clinker**  
Atasever M., ERDOĞAN S. T.  
International Journal of Civil Engineering, vol.22, no.12, pp.2407-2419, 2024 (SCI-Expanded)
- II. **Enhancing magnesium oxalate cements with copper slag and silica fume**  
BİLGİNER B. A., ERDOĞAN S. T.  
Construction and Building Materials, vol.452, 2024 (SCI-Expanded)
- III. **Effects of clay type and component fineness on the hydration and properties of limestone calcined clay cement**  
Atasever M., ERDOĞAN S. T.  
Materials and Structures/Materiaux et Constructions, vol.57, no.8, 2024 (SCI-Expanded)
- IV. **Development of magnesium/calcium oxalate cements**  
Bilginer B. A., Erdoğan S. T.  
Materiales de Construcción, vol.73, no.350, 2023 (SCI-Expanded)
- V. **Effect of mixture proportioning on the strength and mineralogy of magnesium phosphate cements**  
Aykut Bilginer B. A., ERDOĞAN S. T.  
Construction and Building Materials, vol.277, 2021 (SCI-Expanded)
- VI. **Influence of ground perlite on the hydration and strength development of calcium aluminate cement mortars**  
Şengül K., ERDOĞAN S. T.  
Construction and Building Materials, vol.266, 2021 (SCI-Expanded)
- VII. **Development of silica fume-based geopolymer foams**  
Shakouri S., BAYER Ö., ERDOĞAN S. T.  
CONSTRUCTION AND BUILDING MATERIALS, vol.260, 2020 (SCI-Expanded)
- VIII. **Influence of production parameters on calcium sulfoaluminate cements**  
Canbek O., ERDOĞAN S. T.  
CONSTRUCTION AND BUILDING MATERIALS, vol.239, 2020 (SCI-Expanded)
- IX. **Laboratory production of calcium sulfoaluminate cements with high industrial waste content**  
Canbek O., Shakouri S., ERDOĞAN S. T.  
CEMENT & CONCRETE COMPOSITES, vol.106, 2020 (SCI-Expanded)
- X. **Activation of Blast Furnace Slag with Soda Production Waste**  
Bilginer A., Canbek O., Turhan Erdogan S. T.  
JOURNAL OF MATERIALS IN CIVIL ENGINEERING, vol.32, no.1, 2020 (SCI-Expanded)
- XI. **Effect of particle size on early heat evolution of interground natural pozzolan blended cements**  
Ardoğa M. K., Erdoğan S. T., Tokyay M.  
CONSTRUCTION AND BUILDING MATERIALS, vol.206, pp.210-218, 2019 (SCI-Expanded)
- XII. **Production of lightweight aerated alkali-activated slag pastes using hydrogen peroxide**  
Sahin M., Erdoğan S. T., Bayer Ö.  
CONSTRUCTION AND BUILDING MATERIALS, vol.181, pp.106-118, 2018 (SCI-Expanded)
- XIII. **Extension of the chemical index model for estimating Alkali-Silica reaction mitigation efficiency to slags and natural pozzolans**  
Mahyar M., Erdoğan S. T., Tokyay M.  
CONSTRUCTION AND BUILDING MATERIALS, vol.179, pp.587-597, 2018 (SCI-Expanded)
- XIV. **Influence of slag fineness on the strength and heat evolution of multiple-clinker blended cements**  
ERDOĞAN S. T., Kocak T. C.

- CONSTRUCTION AND BUILDING MATERIALS, vol.155, pp.800-810, 2017 (SCI-Expanded)
- XV. **Particle-based characterization of Ottawa sand: Shape, size, mineralogy, and elastic moduli**  
ERDOĞAN S. T., Forster A. M., Stutzman P. E., Garboczi E. J.  
CEMENT & CONCRETE COMPOSITES, vol.83, pp.36-44, 2017 (SCI-Expanded)
- XVI. **Mutual activation of blast furnace slag and a high-calcium fly ash rich in free lime and sulfates**  
Sahin M., Mahyar M., ERDOĞAN S. T.  
CONSTRUCTION AND BUILDING MATERIALS, vol.126, pp.466-475, 2016 (SCI-Expanded)
- XVII. **Simple Estimation of the Surface Area of Irregular 3D Particles**  
ERDOĞAN S. T.  
JOURNAL OF MATERIALS IN CIVIL ENGINEERING, vol.28, no.8, 2016 (SCI-Expanded)
- XVIII. **Effect of particle size and slag content on the early hydration of interground blended cements**  
Cetin C., ERDOĞAN S. T., TOKYAY M.  
CEMENT & CONCRETE COMPOSITES, vol.67, pp.39-49, 2016 (SCI-Expanded)
- XIX. **Phosphate-activated high-calcium fly ash acid-base cements**  
Mahyar M., ERDOĞAN S. T.  
CEMENT & CONCRETE COMPOSITES, vol.63, pp.96-103, 2015 (SCI-Expanded)
- XX. **Inexpensive intumescent alkali-activated natural pozzolan pastes**  
ERDOĞAN S. T.  
JOURNAL OF THE EUROPEAN CERAMIC SOCIETY, vol.35, no.9, pp.2663-2670, 2015 (SCI-Expanded)
- XXI. **Properties of Ground Perlite Geopolymer Mortars**  
ERDOĞAN S. T.  
JOURNAL OF MATERIALS IN CIVIL ENGINEERING, vol.27, no.7, 2015 (SCI-Expanded)
- XXII. **Prediction of Elastic Moduli Development of Cement Mortars Using Early Age Measurements**  
Deniz S., ERDOĞAN S. T.  
JOURNAL OF MATERIALS IN CIVIL ENGINEERING, vol.27, no.1, 2015 (SCI-Expanded)
- XXIII. **Effect of Pozzolan Content and Fineness on Early Hydration of Interground Blended Cements**  
ERDOĞAN S. T., Over D., TOKYAY M.  
JOURNAL OF ADVANCED CONCRETE TECHNOLOGY, vol.12, no.3, pp.101-110, 2014 (SCI-Expanded)
- XXIV. **Early-age activation of cement pastes and mortars containing ground perlite as a pozzolan**  
ERDOĞAN S. T., Saglik A. U.  
CEMENT & CONCRETE COMPOSITES, vol.38, pp.29-39, 2013 (SCI-Expanded)
- XXV. **Effect of clinker phase distribution within cement particles on properties of a hydrating cement paste**  
Erdogan S. T.  
CONSTRUCTION AND BUILDING MATERIALS, vol.38, pp.941-949, 2013 (SCI-Expanded)
- XXVI. **Alkali activation of a slag at ambient and elevated temperatures**  
Altan E., ERDOĞAN S. T.  
CEMENT & CONCRETE COMPOSITES, vol.34, no.2, pp.131-139, 2012 (SCI-Expanded)
- XXVII. **Spherical harmonic-based random fields based on real particle 3D data: Improved numerical algorithm and quantitative comparison to real particles**  
Liu X., Garboczi E. J., Grigoriu M., Lu Y., ERDOĞAN S. T.  
POWDER TECHNOLOGY, vol.207, pp.78-86, 2011 (SCI-Expanded)
- XXVIII. **Shape Comparison between 0.4-2.0 and 20-60  $\mu$  m Cement Particles**  
Holzer L., Flatt R. J., ERDOĞAN S. T., Bullard J. W., Garboczi E. J.  
JOURNAL OF THE AMERICAN CERAMIC SOCIETY, vol.93, no.6, pp.1626-1633, 2010 (SCI-Expanded)
- XXIX. **Micrometer-scale 3-D shape characterization of eight cements: Particle shape and cement chemistry, and the effect of particle shape on laser diffraction particle size measurement**  
ERDOĞAN S. T., Nie X., Stutzman P. E., Garboczi E. J.  
CEMENT AND CONCRETE RESEARCH, vol.40, no.5, pp.731-739, 2010 (SCI-Expanded)
- XXX. **Comprehensive Evaluation of AIMS Texture, Angularity, and Dimension Measurements**  
Mahmoud E., Gates L., Masad E., Erdogan S., Garboczi E.

- JOURNAL OF MATERIALS IN CIVIL ENGINEERING, vol.22, no.4, pp.369-379, 2010 (SCI-Expanded)
- XXXI. **Influence of the shape and roughness of inclusions on the rheological properties of a cementitious suspension**  
ERDOĞAN S. T., Martys N. S., Ferraris C. F., Fowler D. W.  
CEMENT & CONCRETE COMPOSITES, vol.30, no.5, pp.393-402, 2008 (SCI-Expanded)
- XXXII. **Shape and size of microfine aggregates: X-ray microcomputed tomography vs. laser diffraction**  
Erdogan S. T., Garboczi E. J., Fowler D. W.  
POWDER TECHNOLOGY, vol.177, no.2, pp.53-63, 2007 (SCI-Expanded)
- XXXIII. **Three-dimensional shape analysis of coarse aggregates: New techniques for and preliminary results on several different coarse aggregates and reference rocks**  
Erdogan S. T., Quiroga P. N., Fowler D. W., Saleh H. A., Livingston R. A., Garboczi E. J., Ketcham P. M., Hagedorn J. G., Satterfield S. G.  
CEMENT AND CONCRETE RESEARCH, vol.36, no.9, pp.1619-1627, 2006 (SCI-Expanded)
- XXXIV. **Some properties of irregular 3-D particles**  
Taylor M., Garboczi E., Erdogan S. T., Fowler D.  
POWDER TECHNOLOGY, vol.162, no.1, pp.1-15, 2006 (SCI-Expanded)

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

- I. **Magnesium oxalate cements for carbon reuse**  
ERDOĞAN S. T.  
AGU Fall 2019, United States Of America, 9 - 13 December 2019
- II. **Magnesium oxalate cements for carbon reuse**  
ERDOĞAN S. T.  
American Geophysical Union Fall Meeting 2019, United States Of America, 9 - 13 December 2019
- III. **Production of Calcium Sulfoaluminate Cements with Natural and Waste Materials**  
CANBEK O., ERDOĞAN S. T.  
10. Uluslararası Beton Kongresi, Bursa, Turkey, 2 - 04 May 2019
- IV. **Production of Fly Ash-Magnesium Phosphate Cements**  
BİLGİNER B. A., ERDOĞAN S. T.  
10. Uluslararası Beton Kongresi, Bursa, Turkey, 2 - 04 May 2019
- V. **Production of Silica Fume-Based Geopolymer Foams**  
SHAKOURİ S., ERDOĞAN S. T.  
13th International Congress on Advances in Civil Engineering, İzmir, Turkey, 12 - 14 September 2018
- VI. **Production of Calcium Sulfoaluminate Cements Using Industrial Byproducts in Turkey**  
CANBEK O., ERDOĞAN S. T.  
13th International Congress on Advances in Civil Engineering, İzmir, Turkey, 12 - 14 September 2018
- VII. **Oxalate Acid-Base Cements as a Means of Carbon storage**  
ERDOĞAN S. T.  
American Geophysical Union Fall Meeting 2017, 11 - 15 December 2017
- VIII. **Low CO<sub>2</sub> Acid Base Binders Made with Fly Ash**  
ERDOĞAN S. T.  
American Geophysical Union Fall Meeting 2016, 11 - 16 December 2016
- IX. **Thermal Conductivity and Thermal Durability of Ground Perlite Porous Insulation Blocks**  
ŞAHİN M., ERDOĞAN S. T.  
12th International Symposium on Advances in Civil Engineering, 21 September - 23 December 2016
- X. **Intumescence and pore structure of alkali activated volcanic glasses upon exposure to high temperatures**  
ERDOĞAN S. T.  
2015 American Geophysical Union Fall Meeting, San Fransisko, United States Of America, 14 - 18 December 2015

- XI. **Afşin Elbistan Uçucu Külü ve Yüksek Fırın Cürufu İçeren Çimentosuz Bağlayıcılar Hazırlanması**  
ŞAHİN M., Mahyar M., ERDOĞAN S. T.  
9. Ulusal Beton Kongresi, Turkey, 16 - 18 April 2015
- XII. **Sustainable Stormwater Management on METU Campus Ankara Turkey**  
G G T., DÜZGÜN H. Ş., ERDOĞAN S. T., KENTEL E., ALP E.  
Smart and Sustainable Campuses Conference, March 30-31, 2015, University of Maryland, Baltimore USA., 30 - 31 March 2015
- XIII. **Sustainable Stormwater Management on METU Campus**  
gizem g t., DÜZGÜN H. Ş., ERDOĞAN S. T., KENTEL E., ALP E.  
Smart and Sustainable Campuses Conference, 30 - 31 March 2015
- XIV. **Development of Inorganic Silicone Polymers from Silica Fume**  
ERDOĞAN S. T., TOKYAY M.  
7th Asian Symposium on Polymers in Concrete (ASPIC 2012), İstanbul, Turkey, 3 - 05 October 2012, pp.709-716
- XV. **Chemical and thermal activation of perlite-containing cementitious mixtures**  
Sağlık A. Ü., ERDOĞAN S. T.  
2nd International Conference on Sustainable Construction Materials and Technologies, Ancona, Italy, 28 - 30 June 2010, pp.1517-1527

## Supported Projects

- ERDOĞAN S. T., CANBEK O., İÇİNSEL N., Project Supported by Higher Education Institutions, Magnezyum Oksiklorür ve Oksisülfat Çimentolu Harç Yapımında Atık ve Katkı Malzemeleri Kullanımı, 2017 - 2022
- ERDOĞAN S. T., TOKYAY M., TUBITAK Project, Türkiye de mevcut bazı puzolanik malzemelerin özellikleri ile çimento harcı alkali silis tepkimesi gelişmesine etkileri arasında istatistiksel bağıntılar geliştirilmesi, 2016 - 2017
- ELÍAS ÖZKAN S. T., PEDERGNANA M., ERDOĞAN S. T., Project Supported by Higher Education Institutions, Impact of additives on the properties of earth plasters, 2015 - 2016
- ERDOĞAN S. T., Project Supported by Higher Education Institutions, Endüstriyel Atıkların Ve Minerallerin Alkalilerle Aktivasyonu Yoluyla Jeopolimerik Yapı Malzemeleri Üretmesi, 2010 - 2010
- ERDOĞAN S. T., Project Supported by Higher Education Institutions, Portland Çimentolarının İçerdiği Bileşenlerin Tanecikler Arası Ve Tanecik İçi Dağılımlarının Belirlenmesi, 2009 - 2010

## Activities in Scientific Journals

Muğla Journal of Science and Technology, Committee Member, 2021 - Continues

## Memberships / Tasks in Scientific Organizations

American Geophysical Union, Member, 2011 - Continues

## Scientific Refereeing

- JOURNAL OF BUILDING ENGINEERING, Journal Indexed in SCI-E, December 2022
- Muğla Journal of Science and Technology, National Scientific Refreed Journal, December 2022
- CONSTRUCTION AND BUILDING MATERIALS, Journal Indexed in SCI-E, December 2022
- JOURNAL OF BUILDING ENGINEERING, Journal Indexed in SCI-E, December 2022
- CEMENT AND CONCRETE RESEARCH, Journal Indexed in SCI-E, November 2022
- JOURNAL OF BUILDING ENGINEERING, Journal Indexed in SCI-E, November 2022
- METU JOURNAL OF THE FACULTY OF ARCHITECTURE = ODTÜ MİMARLIK FAKULTESİ DERGIS, Journal Indexed in AHCI,

November 2022

CONSTRUCTION AND BUILDING MATERIALS, Journal Indexed in SCI-E, October 2022  
CONSTRUCTION AND BUILDING MATERIALS, Journal Indexed in SCI-E, October 2022  
JOURNAL OF BUILDING ENGINEERING, Journal Indexed in SCI-E, October 2022  
CONSTRUCTION AND BUILDING MATERIALS, Journal Indexed in SCI-E, October 2022  
CEMENT AND CONCRETE COMPOSITES, Journal Indexed in SCI-E, October 2022  
CEMENT AND CONCRETE COMPOSITES, Journal Indexed in SCI-E, August 2022  
JOURNAL OF BUILDING ENGINEERING, Journal Indexed in SCI-E, August 2022  
CONSTRUCTION AND BUILDING MATERIALS, Journal Indexed in SCI-E, July 2022  
CEMENT AND CONCRETE COMPOSITES, Journal Indexed in SCI-E, July 2022  
CEMENT AND CONCRETE COMPOSITES, Journal Indexed in SCI-E, June 2022  
JOURNAL OF CLEANER PRODUCTION, Journal Indexed in SCI-E, June 2022  
JOURNAL OF BUILDING ENGINEERING, Journal Indexed in SCI-E, June 2022  
FRONTIERS OF STRUCTURAL AND CIVIL ENGINEERING, Journal Indexed in SCI-E, June 2022  
CEMENT AND CONCRETE RESEARCH, Journal Indexed in SCI-E, May 2022  
CEMENT AND CONCRETE COMPOSITES, Journal Indexed in SCI-E, April 2022  
FRONTIERS OF STRUCTURAL AND CIVIL ENGINEERING, Journal Indexed in SCI-E, April 2022  
JOURNAL OF CLEANER PRODUCTION, Journal Indexed in SCI-E, March 2022  
CLAY MINERALS JOURNAL OF THE EUROPEAN CLAY GROUPS, Journal Indexed in SCI-E, March 2022  
CEMENT AND CONCRETE COMPOSITES, Journal Indexed in SCI-E, February 2022  
FRONTIERS OF STRUCTURAL AND CIVIL ENGINEERING, Journal Indexed in SCI-E, February 2022  
JOURNAL OF MATERIALS IN CIVIL ENGINEERING, Journal Indexed in SCI-E, February 2022  
CONSTRUCTION AND BUILDING MATERIALS, Journal Indexed in SCI-E, February 2022  
JOURNAL OF BUILDING ENGINEERING, Journal Indexed in SCI-E, January 2022  
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JOURNAL OF BUILDING ENGINEERING, Journal Indexed in SCI-E, August 2021  
JOURNAL OF BUILDING ENGINEERING, Journal Indexed in SCI-E, August 2021  
JOURNAL OF MATERIALS IN CIVIL ENGINEERING, Journal Indexed in SCI-E, July 2021  
JOURNAL OF BUILDING ENGINEERING, Journal Indexed in SCI-E, July 2021  
JOURNAL OF BUILDING ENGINEERING, Journal Indexed in SCI-E, July 2021  
CONSTRUCTION AND BUILDING MATERIALS, Journal Indexed in SCI-E, June 2021  
JOURNAL OF BUILDING ENGINEERING, SCI Journal, June 2021  
CONSTRUCTION AND BUILDING MATERIALS, Journal Indexed in SCI-E, May 2021  
ARABIAN JOURNAL FOR SCIENCE AND ENGINEERING, Journal Indexed in SCI-E, May 2021  
MATERIALS TODAY : PROCEEDINGS, Other Indexed Journal, April 2021  
JOURNAL OF BUILDING ENGINEERING, Journal Indexed in SCI-E, April 2021  
CEMENT AND CONCRETE COMPOSITES, Journal Indexed in SCI-E, March 2021  
CONSTRUCTION AND BUILDING MATERIALS, Journal Indexed in SCI-E, March 2021  
JOURNAL OF BUILDING ENGINEERING, Journal Indexed in SCI-E, February 2021  
CONSTRUCTION AND BUILDING MATERIALS, Journal Indexed in SCI-E, February 2021  
CONSTRUCTION AND BUILDING MATERIALS, Journal Indexed in SCI-E, February 2021  
Construction And Building Materials, SCI Journal, December 2020  
JOURNAL OF COMPOSITE MATERIALS, Journal Indexed in SCI-E, December 2020

Arabian Journal For Science And Engineering, Other Indexed Journal, December 2020  
Arabian Journal For Science And Engineering, Other Indexed Journal, December 2020  
Project Supported by Higher Education Institutions, BAP Research Project, Ataturk University, Turkey, December 2020  
JOURNAL OF BUILDING ENGINEERING, SCI Journal, November 2020  
Construction And Building Materials, SCI Journal, October 2020  
JOURNAL OF COMPOSITE MATERIALS, Journal Indexed in SCI-E, October 2020  
Project Supported by Higher Education Institutions, BAP Research Project, Middle East Technical University, Turkey, September 2020  
Project Supported by Higher Education Institutions, BAP Research Project, Middle East Technical University, Turkey, September 2020  
Construction And Building Materials, SCI Journal, August 2020  
CEMENT AND CONCRETE RESEARCH, SCI Journal, August 2020  
Arabian Journal For Science And Engineering, Other Indexed Journal, August 2020  
TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Ozyegin University, Turkey, August 2020  
TUBITAK Project, 1002 - Quick Support Program, Middle East Technical University, Turkey, July 2020  
bulletin of Engineering Geology and the Environment, Other Indexed Journal, June 2020  
arabian journal for science and engineering, Other Indexed Journal, June 2020  
CEMENT & CONCRETE COMPOSITES, SCI Journal, June 2020  
Construction And Building Materials, SCI Journal, April 2020  
CONSTRUCTION AND BUILDING MATERIALS, SCI Journal, April 2020  
Arabian Journal for Science and Engineering, Other Indexed Journal, April 2020  
CEMENT AND CONCRETE RESEARCH, SCI Journal, April 2020  
JOURNAL OF BUILDING ENGINEERING, SCI Journal, February 2020  
JOURNAL OF BUILDING ENGINEERING, SCI Journal, February 2020  
JOURNAL OF MATERIALS IN CIVIL ENGINEERING-ASCE, Journal Indexed in SCI-E, February 2020  
JOURNAL OF MATERIALS IN CIVIL ENGINEERING-ASCE, Journal Indexed in SCI-E, January 2020  
JOURNAL OF BUILDING ENGINEERING, SCI Journal, January 2020  
TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Middle East Technical University, Turkey, January 2020  
JOURNAL OF MATERIALS IN CIVIL ENGINEERING-ASCE, SCI Journal, December 2019  
JOURNAL OF BUILDING ENGINEERING, Journal Indexed in SCI-E, December 2019  
CONSTRUCTION AND BUILDING MATERIALS, SCI Journal, November 2019  
JOURNAL OF MATERIALS IN CIVIL ENGINEERING-ASCE, SCI Journal, November 2019  
TUBITAK Project, 2219 - Yurt Dışı Doktora Sonrası Araştırma Burs Programı, Duzce University, Turkey, November 2019  
TUBITAK Project, 2219 - Yurt Dışı Doktora Sonrası Araştırma Burs Programı, Firat University, Turkey, November 2019  
TUBITAK Project, 2219 - Yurt Dışı Doktora Sonrası Araştırma Burs Programı, Aksaray University, Turkey, November 2019  
TUBITAK Project, 2219 - Yurt Dışı Doktora Sonrası Araştırma Burs Programı, Bayburt University, Turkey, November 2019  
JOURNAL OF MATERIALS IN CIVIL ENGINEERING-ASCE, SCI Journal, October 2019  
JOURNAL OF BUILDING ENGINEERING, Journal Indexed in SCI-E, September 2019  
CONSTRUCTION AND BUILDING MATERIALS, SCI Journal, August 2019  
JOURNAL OF COMPOSITE MATERIALS, Journal Indexed in SCI-E, August 2019  
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CONSTRUCTION AND BUILDING MATERIALS, SCI Journal, July 2019  
TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Recep Tayyip Erdogan University, Turkey, June 2019  
TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Mugla Sitki Kocman University, Turkey, June 2019  
TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Bursa Technical



University, Turkey, June 2019  
TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Hacettepe University, Turkey, June 2019  
TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Ozyegin University, Turkey, June 2019  
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JOURNAL OF MATERIALS IN CIVIL ENGINEERING-ASCE, Journal Indexed in SCI-E, June 2018  
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ISI BILIMI VE TEKNIGI DERGISI-JOURNAL OF THERMAL SCIENCE AND TECHNOLOGY, Journal Indexed in SCI-E, April 2018  
JOURNAL OF MATERIALS IN CIVIL ENGINEERING-ASCE, Journal Indexed in SCI-E, March 2018  
Journal of Environment and Technology, Other Indexed Journal, March 2018  
JOURNAL OF MATERIALS IN CIVIL ENGINEERING-ASCE, Journal Indexed in SCI-E, February 2018  
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JOURNAL OF MATERIALS IN CIVIL ENGINEERING-ASCE, Journal Indexed in SCI-E, January 2018

## **Tasks In Event Organizations**

Erdoğan S. T., Ay B. Ö., 4. Ulusal Yapı Kongresi ve Sergisi, Scientific Congress, Antalya, Turkey, Aralık 2018

## **Metrics**

Publication: 50

Citation (WoS): 1110

Citation (Scopus): 1297

H-Index (WoS): 18

H-Index (Scopus): 20

## **Awards**

Erdoğan S. T., ODTU Genç Araştırmacı Başarı Ödülleri, Odtu Genç Araştırmacı Başarı Ödülleri, April 2015

## **Non Academic Experience**

National Institute of Standards and Technology

University of Texas at Austin