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Education Information

Doctorate, Yildiz Technical University, Graduate School Of Natural And Applied Sciences, Civil Engineering, Turkey 2014 - 2018

Postgraduate, Istanbul Technical University, İnşaat, İnşaat Mühendisliği, Turkey 2011 - 2014

Undergraduate, Karadeniz Technical University, İnşaat, İnşaat, Turkey 2006 - 2010

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, Investigation of colemanite waste and silica fume on the mechanical and durability properties of metakaolin based geopolymer mortar, Yildiz Technical University, Faculty of Civil Engineering, Civil Engineering Department, 2018

Postgraduate, KALIN SAYILABİLECEK PLAKLARDA KAYMA KİLİTLENMESİ PROBLEMİ, İstanbul Teknik Üniversitesi, İnşaat, İnşaat, 2014

Research Areas

Civil Engineering, Building materials, Materials in Civil Engineering, Engineering and Technology

Academic Titles / Tasks

Research Assistant PhD, Yildiz Technical University, Faculty Of Civil Engineering, Civil Engineering Department, 2019 - Continues

Research Assistant, Yildiz Technical University, Faculty Of Civil Engineering, Civil Engineering Department, 2014 - 2018

Research Assistant, Istanbul Technical University, İnşaat, İnşaat, 2011 - 2014

Courses

Teknik Resim ve Tasarı Geometri, Undergraduate, 2020 - 2021
Introductory Computer Sciences, Undergraduate, 2019 - 2020, 2018 - 2019
İnşaat Mühendisliğine Giriş, Undergraduate, 2020 - 2021
Temel Bilgisayar Bilimleri, Undergraduate, 2018 - 2019

Advising Theses

Aygörmez Y., Al-Mashhadani M. M. M., Tuğla tozu katkılı beyaz çimentolu kompozitlerin mekanik ve durabilite özelliklerinin araştırılması, Postgraduate, M.ANWAR(Student), 2022

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Mechanical and microstructural investigations on concrete of the collapsed buildings after Kahramanmaraş earthquakes**
Huzeyfe Akca A., ŞAHİN O., KOÇ K., AYGÖRMEZ Y.
Engineering Science and Technology, an International Journal, vol.56, 2024 (SCI-Expanded)
- II. **Effect of initial curing conditions on the durability performance of low-calcium fly ash-based geopolymer mortars Efecto de las condiciones iniciales de curado en el rendimiento de durabilidad de los morteros de geopolímeros con base de cenizas volantes con bajo contenido en calcio**
Yılmaz A., Degirmenci F. N., AYGÖRMEZ Y.
Boletín de la Sociedad Española de Cerámica y Vidrio, vol.63, no.4, pp.238-254, 2024 (SCI-Expanded)
- III. **Unraveling the characteristics of geopolymer mortars: A deep dive into the impact of marble powder as fine aggregate and varied activators**
Bilir T., Aygörmez Y., Bastan Z., Uysal M., Aygun B. F.
CONSTRUCTION AND BUILDING MATERIALS, vol.422, no.135767, pp.1-30, 2024 (SCI-Expanded)
- IV. **Effect of ceramic waste powder content and sodium hydroxide molarity on the residual mechanical strength of alkali-activated mortars**
Erol F., Al-mashhadani M. M., AYGÖRMEZ Y., NİŞ A.
Materials Chemistry and Physics, vol.309, 2023 (SCI-Expanded)
- V. **Exploration of Fiber-Reinforced Geopolymer Mortars Containing Recycled Aggregates and Marble Powder**
Yılmaz A., Ergün S., Uysal M., Aygörmez Y., Aygun B. F.
ARABIAN JOURNAL FOR SCIENCE AND ENGINEERING, vol.48, no.12, pp.1-24, 2023 (SCI-Expanded)
- VI. **Combined effect of using steel fibers and demolition waste aggregates on the performance of fly ash/slag based geopolymer concrete**
Lakew A. M., Canpolat O., Al-Mashhadani M. M., Uysal M., Niş A., Aygörmez Y., Bayati M.
EUROPEAN JOURNAL OF ENVIRONMENTAL AND CIVIL ENGINEERING, vol.27, no.4, pp.1-28, 2023 (SCI-Expanded)
- VII. **Mechanical and durability properties of steel, polypropylene and polyamide fiber reinforced slag-based alkali-activated concrete**
Kuranlı O. F., Uysal M., Abbas M. T., Cosgun T., Nis A., Aygörmez Y., Canpolat O., Al-Mashhadani M. M.
EUROPEAN JOURNAL OF ENVIRONMENTAL AND CIVIL ENGINEERING, vol.27, no.1, pp.114-139, 2023 (SCI-Expanded)
- VIII. **EFFECT OF COMPOSITION ON MELT FLOW AND DENSITY OF POLYPROPYLENE COPOLYMER/KAOLIN GEO-FILLER COMPOSITES**
Zulkifli Z., Daud Y. M., Zainal F. F., Hashim M. F. A., AYGÖRMEZ Y.
Archives of Metallurgy and Materials, vol.68, no.1, pp.369-373, 2023 (SCI-Expanded)
- IX. **The effect of various fibers on the red mud additive sustainable geopolymer composites**
Uysal M., Faruk Kuranlı Ö., Aygörmez Y., Canpolat O., Çoşgun T.
CONSTRUCTION AND BUILDING MATERIALS, vol.363, no.129864, pp.129864, 2023 (SCI-Expanded)

- X. **Physical and mechanical properties of metakaolin-based geopolymer mortars containing various waste powders**
Kabirova A., Uysal M., Hüsem M., Aygörmez Y., Dehghanpour H., Pul S., Canpolat O.
EUROPEAN JOURNAL OF ENVIRONMENTAL AND CIVIL ENGINEERING, vol.27, no.1, pp.437-456, 2023 (SCI-Expanded)
- XI. **Investigation of using waste marble powder, brick powder, ceramic powder, glass powder, and rice husk ash as eco-friendly aggregate in sustainable red mud-metakaolin based geopolymer composites**
Uysal M., Aygörmez Y., Canpolat O., Cosgun T., Faruk Kuranlı Ö.
Construction and Building Materials, vol.361, 2022 (SCI-Expanded)
- XII. **Elevated Temperature Effects on Fly Ash-Based Geopolymer Composites Produced with Waste Granite Dust**
AYGÖRMEZ Y.
IRANIAN JOURNAL OF SCIENCE AND TECHNOLOGY-TRANSACTIONS OF CIVIL ENGINEERING, vol.46, no.6, pp.4205-4217, 2022 (SCI-Expanded)
- XIII. **Investigation of mechanical and durability properties of brick powder-added White Cement composites with three different fibers**
Alcharchafche M. A. S., Al-Mashhadani M. M., Aygörmez Y.
Construction and Building Materials, vol.347, 2022 (SCI-Expanded)
- XIV. **Performance of different binders doped Portland Cement-based mortars using volcanic slag, petroleum coke and EPS foam aggregates**
AYGÖRMEZ Y.
Construction and Building Materials, vol.336, 2022 (SCI-Expanded)
- XV. **Evaluation of slag/fly ash based geopolymer concrete with steel, polypropylene and polyamide fibers**
Kuranlı O. F., Uysal M., Abbas M. T., Cosgun T., Nis A., Aygörmez Y., Canpolat O., Al-Mashhadani M. M.
CONSTRUCTION AND BUILDING MATERIALS, vol.325, 2022 (SCI-Expanded)
- XVI. **Evaluation of the red mud and quartz sand on reinforced metazeolite-based geopolymer composites**
AYGÖRMEZ Y.
Journal of Building Engineering, vol.43, 2021 (SCI-Expanded)
- XVII. **Assessment of performance of metabentonite and metazeolite-based geopolymers with fly ash sand replacement**
AYGÖRMEZ Y.
Construction and Building Materials, vol.302, 2021 (SCI-Expanded)
- XVIII. **Effect of basalt fiber on metakaolin-based geopolymer mortars containing rilem, basalt and recycled waste concrete aggregates**
Sahin F., Uysal M., Canpolat O., Aygörmez Y., Cosgun T., Dehghanpour H.
CONSTRUCTION AND BUILDING MATERIALS, vol.301, 2021 (SCI-Expanded)
- XIX. **Long-term sulfuric and hydrochloric acid resistance of silica fume and colemanite waste reinforced metakaolin-based geopolymers**
Aygörmez Y., Canpolat O.
REVISTA DE LA CONSTRUCCION, vol.20, no.2, pp.291-307, 2021 (SCI-Expanded)
- XX. **Sulfuric acid effect and application of freezing-thawing curing on long fiber reinforced metabentonite and slag-based geopolymer composites**
AYGÖRMEZ Y.
ADVANCES IN CONCRETE CONSTRUCTION, vol.12, no.2, pp.145-156, 2021 (SCI-Expanded)
- XXI. **Performance of ambient and freezing-thawing cured metazeolite and slag based geopolymer composites against elevated temperatures**
AYGÖRMEZ Y.
REVISTA DE LA CONSTRUCCION, vol.20, no.1, pp.145-162, 2021 (SCI-Expanded)
- XXII. **A survey on one year strength performance of reinforced geopolymer composites**
Aygörmez Y., Canpolat O., Al-Mashhadani M. M.

- CONSTRUCTION AND BUILDING MATERIALS, vol.264, 2020 (SCI-Expanded)
- XXIII. **Assessment of geopolymer composites durability at one year age**
Aygörmez Y., Canpolat O., Al-Mashhadani M. M.
JOURNAL OF BUILDING ENGINEERING, vol.32, 2020 (SCI-Expanded)
- XXIV. **High-temperature effects on white cement-based slurry infiltrated fiber concrete with metakaolin and fly ash additive**
Aygörmez Y., Al-Mashhadani M. M., Canpolat O.
REVISTA DE LA CONSTRUCCION, vol.19, no.2, pp.324-333, 2020 (SCI-Expanded)
- XXV. **Evaluation of the 12–24 mm basalt fibers and boron waste on reinforced metakaolin-based geopolymer**
Ali N., Canpolat O., Aygörmez Y., Al-Mashhadani M. M.
Construction and Building Materials, vol.251, 2020 (SCI-Expanded)
- XXVI. **Elevated temperature, freezing-thawing and wetting-drying effects on polypropylene fiber reinforced metakaolin based geopolymer composites**
Aygörmez Y., Canpolat O., Al-Mashhadani M. M., Uysal M.
CONSTRUCTION AND BUILDING MATERIALS, vol.235, 2020 (SCI-Expanded)
- XXVII. **Influence of wetting-drying curing system on the performance of fiber reinforced metakaolin-based geopolymer composites**
Arslan A. A., Uysal M., Yilmaz A. O., Al-Mashhadani M. M., Canpolat O., Sahin F., Aygörmez Y.
CONSTRUCTION AND BUILDING MATERIALS, vol.225, pp.909-926, 2019 (SCI-Expanded)
- XXVIII. **High-temperature behavior and mechanical characteristics of boron waste additive metakaolin based geopolymer composites reinforced with synthetic fibers**
Celik A., Yilmaz K., Canpolat O., Al-Mashhadani M. M., Aygörmez Y., Uysal M.
CONSTRUCTION AND BUILDING MATERIALS, vol.187, pp.1190-1203, 2018 (SCI-Expanded)
- XXIX. **Effect of using colemanite waste and silica fume as partial replacement on the performance of metakaolin-based geopolymer mortars**
Uysal M., Al-Mashhadani M. M., Aygörmez Y., Canpolat O.
CONSTRUCTION AND BUILDING MATERIALS, vol.176, pp.271-282, 2018 (SCI-Expanded)
- XXX. **Mechanical and microstructural characterization of fiber reinforced fly ash based geopolymer composites**
Al-Mashhadani M. M., Canpolat O., Aygörmez Y., Uysal M., Erdem S.
CONSTRUCTION AND BUILDING MATERIALS, vol.167, pp.505-513, 2018 (SCI-Expanded)

Articles Published in Other Journals

- I. **Durability Performance of Fiber-Reinforced Metakaolin-Based and Red Mud-Fly Ash-Slag-Activated Geopolymers with Recycled Aggregates**
Yilmaz A., Ergün S., UYSAL M., Dilbas H., AYGÖRMEZ Y., CANPOLAT O.
Arabian Journal for Science and Engineering, vol.48, no.10, pp.13967-13986, 2023 (Scopus)
- II. **Measurement of the Performances of Various Asphalt Mixtures on Suspended Steel Deck Bridge Pavements**
Eren Ç., Özen H., Şahin O., Aygörmez Y.
INTERNATIONAL JOURNAL OF PAVEMENT RESEARCH AND TECHNOLOGY, vol.16, no.5, pp.1-17, 2023 (ESCI)
- III. **Sulfate and chloride resistance of bottom ASH doped slag-based geopolymer composites**
Aygörmez Y.
SIGMA JOURNAL OF ENGINEERING AND NATURAL SCIENCES, vol.1, no.1, pp.93-109, 2022 (ESCI)
- IV. **An experimental study on silica fume and metakaolin doped portland cement-based mortars using silica aerogel and air-entraining admixture**
AYGÖRMEZ Y.
INNOVATIVE INFRASTRUCTURE SOLUTIONS, vol.7, no.3, 2022 (ESCI)

- V. **Research on Resistance to Sulfate and Chloride of Reinforced Metakaolin-Based Geopolymers**
Aygörmez Y., Canpolat O.
INTERNATIONAL JOURNAL OF SUSTAINABLE CONSTRUCTION ENGINEERING AND TECHNOLOGY, vol.13, no.1, pp.87-101, 2022 (ESCI)
- VI. **Investigation of some mechanical properties of fiber-reinforced rice husk ash substituted white cement mortars**
Aygörmez Y.
Balıkesir Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.23, no.2, pp.543-559, 2021 (Peer-Reviewed Journal)
- VII. **Effect of Fly Ash and Ground Granulated Blast Furnace Slag on The Strength of Concrete Pavement**
ACIKÖK F., CANPOLAT O., UYSAL M., AYGÖRMEZ Y., ŞAHİN F.
Journal of Sustainable Construction Materials and Technologies, vol.3, pp.278-285, 2018 (Peer-Reviewed Journal)
- VIII. **Abrasion Resistance and Strength Properties of Non-Fibrous and Steel Fiber Reinforced Mortars With Different Aggregates**
Almashhadani M. M., Canpolat O., Karagöz M., Aygörmez Y., Uysal M.
Journal of Sustainable Construction Materials and Technologies, vol.3, no.2, pp.221-229, 2018 (Peer-Reviewed Journal)
- IX. **Investigation of Waste Products of Boron and Metakaolin Utilizes**
Mushurov M., Canpolat O., Uysal M., Almashhadani M. M., Aygörmez Y.
Journal of Sustainable Construction Materials and Technologies, vol.3, no.2, pp.212-220, 2018 (Peer-Reviewed Journal)
- X. **Effect of Using Colemanite and Basalt Fiber on the Mechanical Properties of Metakaolin-Based Geopolymer Mortars**
Nawar A., Canpolat O., Almashhadani M. M., Aygörmez Y., Uysal M.
Journal of Sustainable Construction Materials and Technologies, vol.3, no.2, pp.235-241, 2018 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **KAOLİN KİLİ TOZU İLE ÜRETİLEN METAZEOLİT TABANLI GEOPOLİMER HARÇLARDA MAGNEZYUM SÜLFAT ETKİSİ**
Aygörmez Y.
EGE 9th INTERNATIONAL CONFERENCE ON APPLIED SCIENCES, İzmir, Turkey, 22 - 24 September 2023, pp.66-76
- II. **BİNALARDA DEPREM SONRASI OLUŞAN HASARLARIN FARKLI YÖNTEMLERLE KIYASLANMASI**
Aygörmez Y.
EGE 9th INTERNATIONAL CONFERENCE ON APPLIED SCIENCES , İzmir, Turkey, 22 - 24 September 2023, pp.19
- III. **AFET YÖNETİMİNDE AHŞAP YAPILARIN ROLÜ VE ÖNEMİ (THE ROLE AND IMPORTANCE OF WOODEN STRUCTURES IN DISASTER MANAGEMENT)**
AYGÖRMEZ Y., DOĞAN M., ALAGÖZ N. S.
EURO ASIA 11TH INTERNATIONAL CONGRESS ON APPLIED SCIENCES, Turkey, 27 - 28 May 2023
- IV. **SPECIFIC RULES FOR THE EVALUATION AND REINFORCEMENT DESIGN OF EXISTING BUILDING SYSTEMS UNDER EARTHQUAKE EFFECT**
AYGÖRMEZ Y., BAKIŞ N. N., AKKOYUN E., ÇELİK A. E., KARABAĞ D., KESKİN M.
EURO ASIA 11TH INTERNATIONAL CONGRESS ON APPLIED SCIENCES, Turkey, 27 - 28 May 2023
- V. **ÇERNOBİL NÜKLEER REAKTÖR FELAKETİ'NİN ETKİLERİ (How Chernobyl Nuclear Reactor Disaster Affects Life)**
TURAN A. S., KIZILIRMAK C. I., BAKIR D., TURAK M. A., ÇELİK N., AYGÖRMEZ Y.
1. INTERNATIONAL TRAKYA SCIENTIFIC RESEARCH CONGRESS, Turkey, 27 - 28 May 2023
- VI. **GEOPOLİMER BETONLARDAN ELDE EDİLEN AGREGALARIN YENİDEN GEOPOLİMER BETON İÇİN KULLANILABİLİRLİĞİNİN ARAŞTIRILMASI (INVESTIGATION OF THE POSSIBILITY OF REUSING GEOPOLYMER CONCRETE AGGREGATES OBTAINED FROM GEOPOLYMER CONCRETES)**

AYGÖRMEZ Y., KARAGÖL B., AKGÜN İ. O., TAŞTEMÜR Ö., KÖSEOĞLU S., EKMEKÇİ Ş.

7th International Aegean Conference on Innovation Technologies & Engineering, Turkey, 26 - 27 April 2023

- VII. **ÇATI SOLAR SİSTEMLERİNE ETKİYEN YÜKLERİN ANALİZİ (ANALYSIS OF LOADS AFFECTING ROOF SOLAR SYSTEMS)**
BİÇAK E. E., AYGÖRMEZ Y., UYSAL E. A.
4th INTERNATIONAL ISTANBUL CURRENT SCIENTIFIC RESEARCH CONGRESS, Turkey, 1 - 02 May 2023
- VIII. **AZ VE ÇOK KATLI BETONARME ÇERÇVELİ YAPILARDA ZEMİN KAT YÜKSEKLİĞİ DEĞİŞİMİNİN DEPREM KARAKTERİSTİKLERİ ÜZERİNDEKİ ETKİSİ (THE EFFECT OF GROUND FLOOR HEIGHT CHANGE ON EARTHQUAKE CHARACTERISTICS IN LOW AND MULTI-STOREY REINFORCED CONCRETE FRAMED BUILDINGS)**
EKŞİ A., ÖZELCİ K., USTA B. E., YAMAN B., ŞAHİN E., AYGÖRMEZ Y.
4. INTERNATIONAL CAPPADOCIA SCIENTIFIC RESEARCH CONGRESS, Turkey, 16 - 17 April 2023
- IX. **İNŞAAT SEKTÖRÜNDE SÖZLEŞME YÖNETİMİ; BİBLİYOMETRİK ANALİZ**
ATTAROĞLU M., UYGUN H. U., DEMİRCİ F. S., AÇIKKAPI Ç. E., SOY U., AYGÖRMEZ Y.
9. ULUSLARARASI MÜHENDİSLİK VE TEKNOLOJİ YÖNETİMİ KONGRESİ, Turkey, 29 - 01 May 2023
- X. **Freezing-thawing resistance of white cement based SIFCON composites with slag**
AYGÖRMEZ Y.
1st International Conference on Manufacturing Engineering Technology, IConMET 2021, Virtual, Online, 14 - 15 July 2021, vol.2544
- XI. **Different mixing methods for red mud-metakaolin based geopolymer mortars with recycled materials**
Uysal M., Canpolat O., Coşkun T., Aygörmmez Y., Kuranlı Ö. F.
4th International Conference on Advanced Engineering Technologies (ICADET), Bayburt, Turkey, 28 September 2022, pp.627-634
- XII. **An Overview of The Studies Concerning COVID-19 and Its Effects on the Transportation Infrastructure Investments**
Şahin O., Aygörmmez Y.
INTERNATIONAL CONFERENCE on SOCIAL SCIENCE RESEARCH, Budva, Montenegro, 7 - 09 September 2022, vol.1, no.1, pp.7
- XIII. **A General Examination of the Impact of COVID-19 on the Unit Prices of Materials Used in Road Construction**
Aygörmmez Y., Şahin O.
INTERNATIONAL CONFERENCE on SOCIAL SCIENCE RESEARCH , Budva, Montenegro, 7 - 09 September 2022, vol.1, no.1, pp.11
- XIV. **Thermal behaviors of polypropylene copolymer/kaolin geopolymer composites**
Zulkifli Z., Daud Y. M., Zainal F. F., Hashim M. F. A., AYGÖRMEZ Y.
International Symposium of Advanced Materials and Processing 2021, ISAMP 2021, Arau, Virtual, Malaysia, 13 July 2021, vol.2496
- XV. **PERFORMANCE OF ALUMINUM SLAG AND CLASS C FLY ASH-BASED GEOPOLYMER CONCRETES UPON SEAWATER EXPOSURE**
Aygörmmez Y.
6. Uluslararası Ortadoğu Bilimsel Çalışmalar Kongresi, Bayrut, Lebanon, 20 - 22 September 2021, pp.260-269
- XVI. **WETTING-DRYING RESISTANCE OF SLAG AND KAOLIN-BASED GEOPOLYMER CONCRETES WITH THE TALL AND SHORT BASALT FIBERS**
Aygörmmez Y.
12th. INTERNATIONAL CONFERENCE ON MATHEMATICS, ENGINEERING, NATURAL AND MEDICAL SCIENCES, Paris, France, 9 - 11 July 2021, pp.402-411
- XVII. **INVESTIGATION OF PERFORMANCE OF ZEOLITE AND KAOLIN SUBSTITUTED WHITE CEMENT BASED CONCRETE SAMPLES**
Aygörmmez Y.
2nd INTERNATIONAL BAKU CONFERENCE ON SCIENTIFIC RESEARCH, Baku, Azerbaijan, 28 - 30 April 2021,

pp.527-538

- XVIII. INVESTIGATION OF MECHANICAL PROPERTIES OF BENTONITE AND QUARTZ SAND SUBSTITUTED PORTLAND CEMENT BASED SAMPLES**
Aygörmez Y.
INTERNATIONAL EUROASIA Congress on Scientific Researches and Recent Trends 7. , Baku, Azerbaijan, 6 - 09 December 2020, pp.486-496
- XIX. Effect of Composition on Melt Flow and Density of Polypropylene Copolymer/Kaolin Geo-Filler Composites**
Zulkifli Z., Daud Y. M., Zainal F. F., Hashim M. F. A., Aygörmez Y.
INTERNATIONAL CONFERENCE ON ADVANCED MATERIALS ENGINEERING & TECHNOLOGY (ICAMET 2020), Melaka, Malaysia, 26 - 27 November 2020, pp.280
- XX. Bentonitin Geopolimer Üretiminde Kullanılabilirliğinin Araştırılması**
Kabirova A., Uysal M., Canpolat O., Şahin F., Aygörmez Y., Al-Mashhadani M. O. M.
5. Uluslararası Öğrenci Sempozyumu, İstanbul, Turkey, 6 - 08 December 2019, pp.54-65
- XXI. YOL KAPLAMA UYGULAMALARINDA ALTİGEN BİÇİMLİ MİKRO ÇELİK FİBER DONATILARIN KULLANIMI**
Şahin O., Aygörmez Y.
5. ULUSLARARASI MUHENDİSLİK MİMARLIK VE TASARIM KONGRESİ, İstanbul, Turkey, 21 - 22 December 2019, pp.1540
- XXII. NANO MALZEMELERİN DONMA-ÇÖZÜLME ETKİSİNE KARŞI YOL KAPLAMA UYGULAMALARINDA KULLANILMASI**
Aygörmez Y., Şahin O.
5. ULUSLARARASI MUHENDİSLİK MİMARLIK VE TASARIM KONGRESİ, İstanbul, Turkey, 21 - 22 December 2019, pp.1582
- XXIII. Uçucu Kül ve Öğütülmüş Yüksek Fırın Cürufunun Beton Yol Karışımlarının Basınç Dayanımı ve Durabilitesine Olan Etkilerinin Araştırılması**
Acikok F., Canpolat O., Uysal M., Aygörmez Y.
1. Beton Yollar Kongresi ve Sergisi, Ankara, Turkey, 13 - 14 November 2019, pp.275-285
- XXIV. Fly Ash Based Geopolymer Composites Partially Replaced With Silica Fume: An Experimental Investigation**
Al-Mashhadani M. O. M., Canpolat O., Aygörmez Y., Uysal M., Şahin F.
Fifth International Conference on Sustainable Construction Materials and Technologies, London, England, 14 - 17 July 2019, pp.74-82
- XXV. Sulfate Resistance Of Sustainable Geopolymer Mortars**
Aygörmez Y., Canpolat O., Al-Mashhadani M. O. M., Uysal M., Şahin F.
Fifth International Conference on Sustainable Construction Materials and Technologies, London, England, 14 - 17 July 2019, pp.56-65
- XXVI. Mechanical and Durability Properties of Fly Ash Based Geopolymers Mortars with Different Filling Materials**
Tamam Y., Chakkor O., Uysal M., Canpolat O., Aygörmez Y., Al-Mashhadani M., Sahin F.
4th Eurasian Conference on Civil and Environmental Engineering (ECOCEE), İstanbul, Turkey, 17 - 18 June 2019, pp.866-874
- XXVII. The investigation of mechanical and durability properties of red mud-metakaolin based geopolymers mortars with different filling materials**
Chakkor O., Tamam Y., Altan M. F., Uysal M., Canpolat O., Aygörmez Y., Al-Mashhadani M.
4th Eurasian Conference on Civil and Environmental Engineering (ECOCEE), İstanbul, Turkey, 17 - 18 June 2019, pp.875
- XXVIII. Experimental Investigation of Engineering Properties of Metakaolin Based Geopolymer Mortars with Different Filling Materials**
KABİROVA A., UYSAL M., CANPOLAT O., ŞAHİN F., AYGÖRMEZ Y., ALMASHHADANI M., PUL S.
4th Eurasian Conference on Civil and Environmental Engineering (ECOCEE), İstanbul, Turkey, 17 - 18 June 2019

- XXIX. **Using different types of aggregates including waste concrete in the production of geopolymer mortars**
Canpolat O., Şahin F., Uysal M., Al-Mashhadani M. O. M., Aygörmez Y.
5th International Conference on Sustainable Construction Materials and Technologies, SCMT 2019, Kingston upon Hull, United Kingdom, 14 - 17 July 2019, vol.2
- XXX. **Compressive and flexural strength behaviors of metakaolin based geopolymer mortars manufactured by different procedures**
Aygörmez Y., Canpolat O., Al-Mashhadani M., Uysal M.
4th International Conference on Green Design and Manufacture 2018, IConGDM 2018, Ho Chi Minh, Vietnam, 29 - 30 April 2018, vol.2030
- XXXI. **Experimental notes on the factors affecting the strength behavior of fly ash based geopolymer composites**
Canpolat O., Aygörmez Y., Al-Mashhadani M. M., Uysal M.
4th International Conference on Green Design and Manufacture 2018, IConGDM 2018, Ho Chi Minh, Vietnam, 29 - 30 April 2018, vol.2030
- XXXII. **Kalın Sayılabilecek Plaklarda Kayma Kilitlenmesi Problemi**
AYGÖRMEZ Y., AKSU ÖZKUL T.
19. ULUSAL MEKANİK KONGRESİ, Trabzon, Turkey, 24 August 2015, no.11, pp.158-168

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Congress and Symposium Activities

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